

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112420\  
 Data File : VX019620.D  
 Acq On : 24 Nov 2020 21:20  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 11/25/2020 9:54:32 AM

Quant Time: Nov 25 06:05:04 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112120W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 21 01:57:45 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 261112   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 442090   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 389681   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 191842   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65    | 169904   | 50.19    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 61 - 141 | Recovery | =    | 100.38% |
| 35) Dibromofluoromethane  | 5.46   | 113   | 138635   | 49.96    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 69 - 133 | Recovery | =    | 99.92%  |
| 50) Toluene-d8            | 8.70   | 98    | 522331   | 48.44    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 65 - 126 | Recovery | =    | 96.88%  |
| 62) 4-Bromofluorobenzene  | 11.12  | 95    | 193824   | 49.96    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 58 - 135 | Recovery | =    | 99.92%  |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 118139  | 46.526  | ug/l | 96     |
| 3) Chloromethane              | 1.31 | 50  | 136455  | 46.831  | ug/l | 100    |
| 4) Vinyl Chloride             | 1.39 | 62  | 148092  | 47.214  | ug/l | 99     |
| 5) Bromomethane               | 1.62 | 94  | 56781   | 47.793  | ug/l | 97     |
| 6) Chloroethane               | 1.69 | 64  | 35319   | 45.872  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 1.90 | 101 | 208244  | 45.999  | ug/l | 97     |
| 8) Diethyl Ether              | 2.17 | 74  | 92468   | 51.001  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101 | 121952  | 48.285  | ug/l | 100    |
| 10) Methyl Iodide             | 2.48 | 142 | 169806  | 51.177  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.05 | 59  | 168676  | 263.262 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.35 | 96  | 123270  | 47.552  | ug/l | 98     |
| 13) Acrolein                  | 2.28 | 56  | 80037   | 185.837 | ug/l | 100    |
| 14) Allyl chloride            | 2.70 | 41  | 198700  | 48.929  | ug/l | 99     |
| 15) Acrylonitrile             | 3.12 | 53  | 394744  | 261.242 | ug/l | 100    |
| 16) Acetone                   | 2.43 | 43  | 311783  | 238.139 | ug/l | 98     |
| 17) Carbon Disulfide          | 2.54 | 76  | 299447  | 42.998  | ug/l | 99     |
| 18) Methyl Acetate            | 2.75 | 43  | 170379  | 53.036  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 478866  | 53.516  | ug/l | 100    |
| 20) Methylene Chloride        | 2.83 | 84  | 158750  | 48.513  | ug/l | 99     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 140744  | 47.920  | ug/l | 95     |
| 22) Diisopropyl ether         | 3.82 | 45  | 443168  | 52.752  | ug/l | 99     |
| 23) Vinyl Acetate             | 3.78 | 43  | 1902171 | 269.939 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 262298  | 51.045  | ug/l | 100    |
| 25) 2-Butanone                | 4.64 | 43  | 499195  | 253.818 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.54 | 77  | 206544  | 46.050  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96  | 171354  | 50.790  | ug/l | 99     |
| 28) Bromochloromethane        | 4.98 | 49  | 115187  | 46.886  | ug/l | 100    |
| 29) Tetrahydrofuran           | 5.09 | 42  | 325387  | 259.299 | ug/l | 99     |
| 30) Chloroform                | 5.17 | 83  | 278006  | 51.740  | ug/l | 99     |
| 31) Cyclohexane               | 5.54 | 56  | 206805  | 46.966  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 232331  | 50.337  | ug/l | 100    |
| 36) 1,1-Dichloropropene       | 5.76 | 75  | 196921  | 47.513  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.79 | 43  | 201591  | 51.811  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.75 | 117 | 193036  | 48.119  | ug/l | 99     |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 11/25/2020 9:54:32 AM

Quant Time: Nov 25 06:05:04 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112120W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 21 01:57:45 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units | Dev(Min) |
|--------------------------------|-------|------|----------|----------|-------|----------|
| 39) Methylcyclohexane          | 7.43  | 83   | 212921   | 44.122   | ug/l  | 99       |
| 40) Benzene                    | 6.11  | 78   | 621359   | 48.794   | ug/l  | 100      |
| 41) Methacrylonitrile          | 5.01  | 41   | 105233   | 49.045   | ug/l  | 97       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 217491   | 49.829   | ug/l  | 100      |
| 43) Isopropyl Acetate          | 6.42  | 43   | 329185   | 50.329   | ug/l  | 100      |
| 44) Trichloroethene            | 7.18  | 130  | 160964   | 48.256   | ug/l  | 98       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 158206   | 50.465   | ug/l  | 97       |
| 46) Dibromomethane             | 7.63  | 93   | 108667   | 50.646   | ug/l  | 99       |
| 47) Bromodichloromethane       | 7.87  | 83   | 212691   | 51.084   | ug/l  | 99       |
| 48) Methyl methacrylate        | 7.74  | 41   | 160184   | 52.294   | ug/l  | 100      |
| 49) 1,4-Dioxane                | 7.72  | 88   | 73827    | 1061.495 | ug/l  | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 988827   | 259.259  | ug/l  | 100      |
| 52) Toluene                    | 8.76  | 92   | 391461   | 50.250   | ug/l  | 99       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 232031   | 51.602   | ug/l  | 100      |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 255784   | 51.259   | ug/l  | 98       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 161065   | 50.767   | ug/l  | 99       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 240041   | 53.469   | ug/l  | 100      |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 272618   | 51.324   | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 654897   | 248.958  | ug/l  | 100      |
| 59) 2-Hexanone                 | 9.48  | 43   | 740635   | 256.039  | ug/l  | 99       |
| 60) Dibromochloromethane       | 9.56  | 129  | 159231   | 51.239   | ug/l  | 100      |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 165256   | 50.532   | ug/l  | 98       |
| 64) Tetrachloroethene          | 9.32  | 164  | 135428   | 44.213   | ug/l  | 99       |
| 65) Chlorobenzene              | 10.12 | 112  | 404639   | 50.505   | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 150042   | 51.486   | ug/l  | 100      |
| 67) Ethyl Benzene              | 10.23 | 91   | 723635   | 51.557   | ug/l  | 98       |
| 68) m/p-Xylenes                | 10.34 | 106  | 544807   | 104.186  | ug/l  | 98       |
| 69) o-Xylene                   | 10.68 | 106  | 260807   | 52.175   | ug/l  | 99       |
| 70) Styrene                    | 10.70 | 104  | 445952   | 48.255   | ug/l  | 100      |
| 71) Bromoform                  | 10.84 | 173  | 114451   | 46.623   | ug/l  | 98       |
| 73) Isopropylbenzene           | 11.00 | 105  | 683933   | 51.535   | ug/l  | 99       |
| 74) N-amyl acetate             | 10.88 | 43   | 279954   | 56.296   | ug/l  | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 246902   | 52.024   | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 219649m  | 52.464   | ug/l  |          |
| 77) Bromobenzene               | 11.24 | 156  | 175329   | 51.751   | ug/l  | 99       |
| 78) n-propylbenzene            | 11.34 | 91   | 769901   | 50.570   | ug/l  | 99       |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 479123   | 51.891   | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 575932   | 51.732   | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.05 | 75   | 74321    | 48.120   | ug/l  | 99       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 556951   | 51.241   | ug/l  | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 559014   | 51.902   | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 593305   | 52.671   | ug/l  | 100      |
| 85) sec-Butylbenzene           | 11.93 | 105  | 632037   | 49.326   | ug/l  | 99       |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 581212   | 49.960   | ug/l  | 100      |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 312086   | 50.159   | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 314193   | 49.024   | ug/l  | 99       |
| 89) n-Butylbenzene             | 12.37 | 91   | 496745   | 47.231   | ug/l  | 98       |
| 90) Hexachloroethane           | 12.58 | 117  | 96717    | 49.683   | ug/l  | 99       |
| 91) 1,2-Dichlorobenzene        | 12.37 | 146  | 312268   | 49.970   | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 51732    | 53.431   | ug/l  | 98       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\  
Data File : VX019620.D  
Acq On : 24 Nov 2020 21:20  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

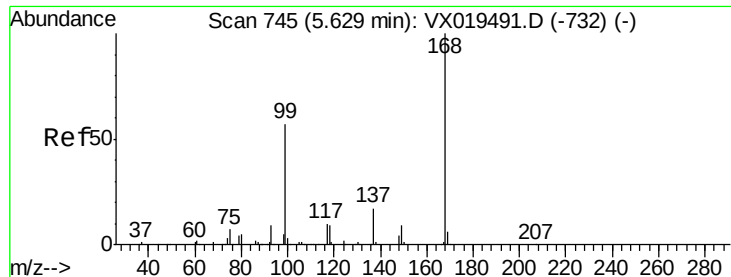
MMDadoda  
11/25/2020 9:54:32 AM

Quant Time: Nov 25 06:05:04 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112120W.M  
Quant Title : SW846 8260  
QLast Update : Sat Nov 21 01:57:45 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 198416   | 49.456 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 13.76 | 225  | 81316    | 44.492 | ug/l  | 96       |
| 95) Naphthalene            | 13.82 | 128  | 691657   | 48.928 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180  | 200253   | 49.901 | ug/l  | 99       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019620.D

Acq: 24 Nov 2020 21:20

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 261112

Ion Ratio Lower Upper

168 100

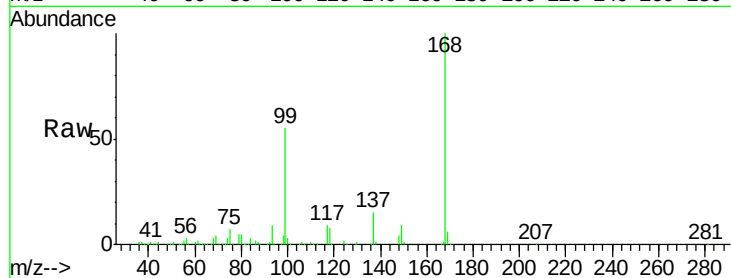
99 54.9 45.8 68.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

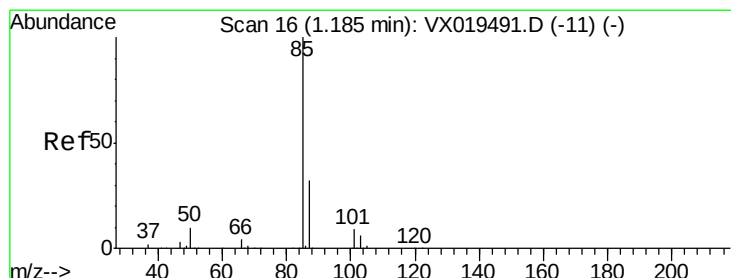
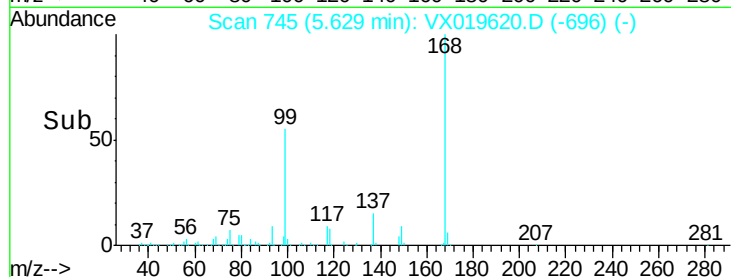
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.526 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019620.D

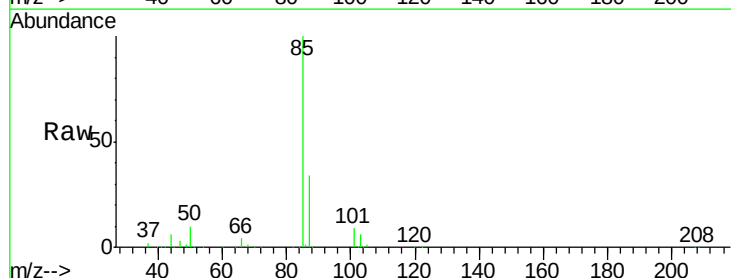
Acq: 24 Nov 2020 21:20

Tgt Ion: 85 Resp: 118139

Ion Ratio Lower Upper

85 100

87 34.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

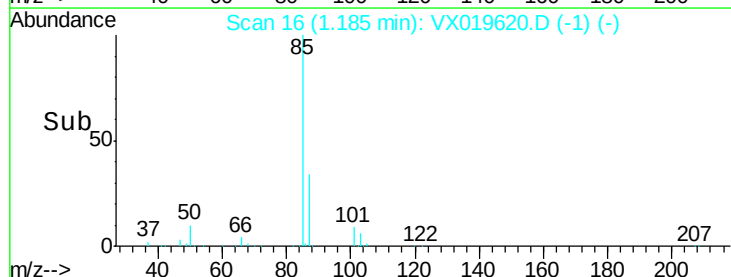
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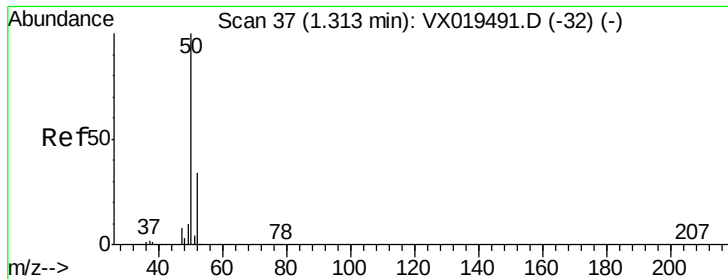
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0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 46.831 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019620.D

Acq: 24 Nov 2020 21:20

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 136455

Ion Ratio Lower Upper

50 100

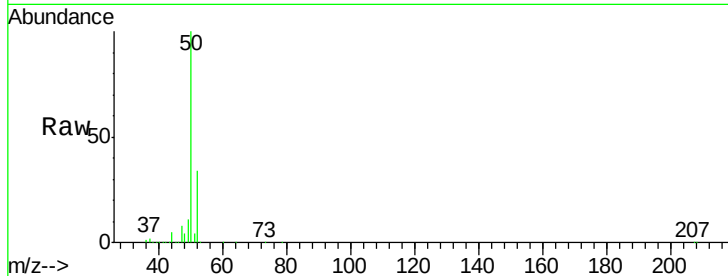
52 33.9 27.0 40.6

Manual Integrations

APPROVED

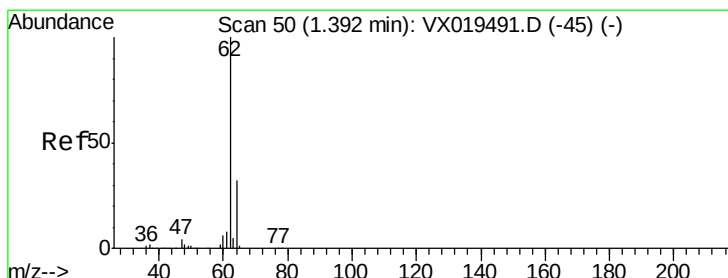
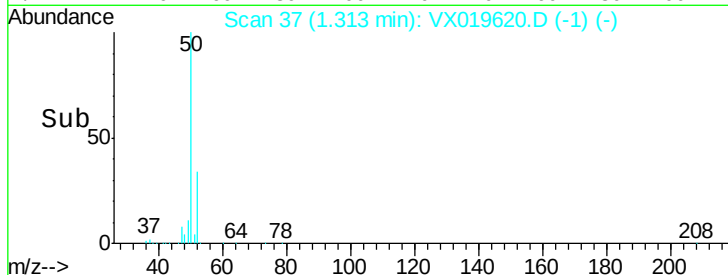
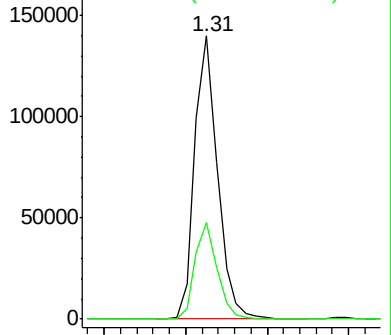
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11/25/2020 9:54:32 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.214 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019620.D

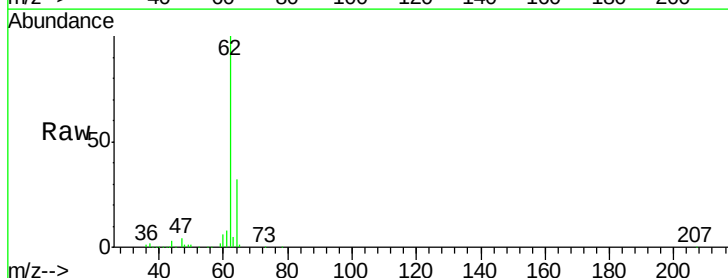
Acq: 24 Nov 2020 21:20

Tgt Ion: 62 Resp: 148092

Ion Ratio Lower Upper

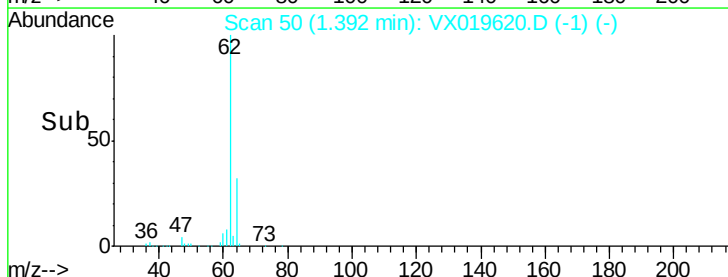
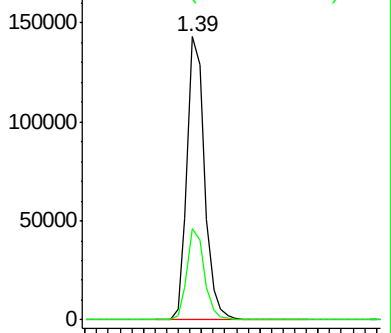
62 100

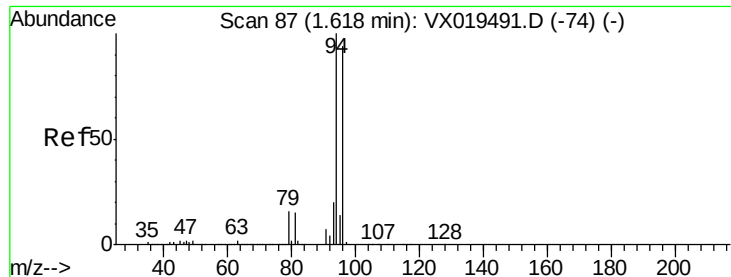
64 32.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.793 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019620.D

Acq: 24 Nov 2020 21:20

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 56781

Ion Ratio Lower Upper

94 100

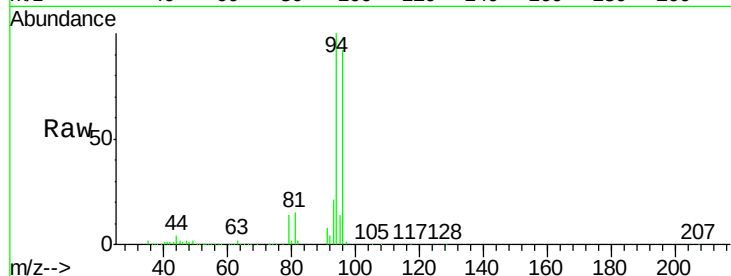
96 92.0 75.6 113.4

Manual Integrations

APPROVED

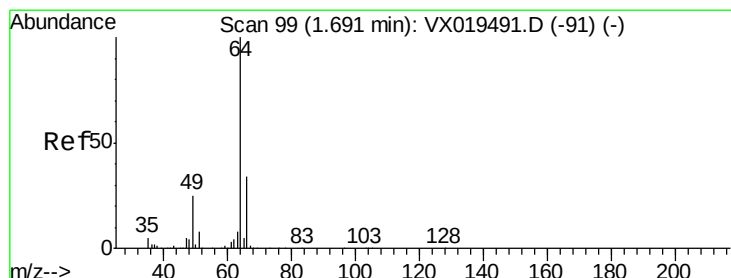
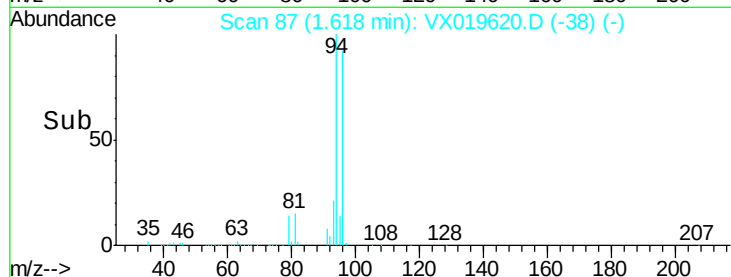
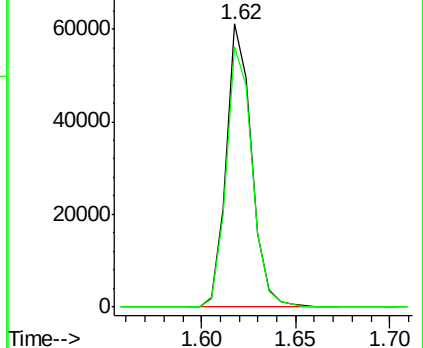
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11/25/2020 9:54:32 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.872 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019620.D

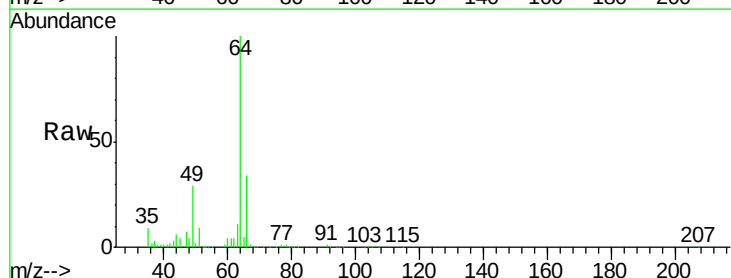
Acq: 24 Nov 2020 21:20

Tgt Ion: 64 Resp: 35319

Ion Ratio Lower Upper

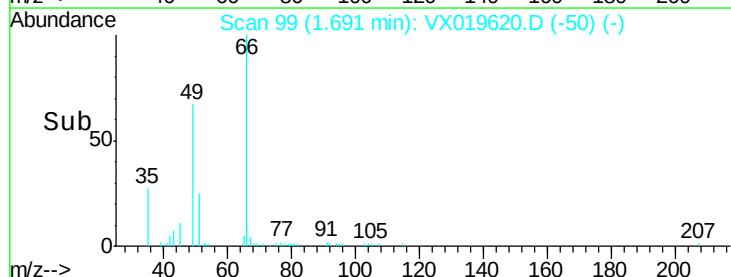
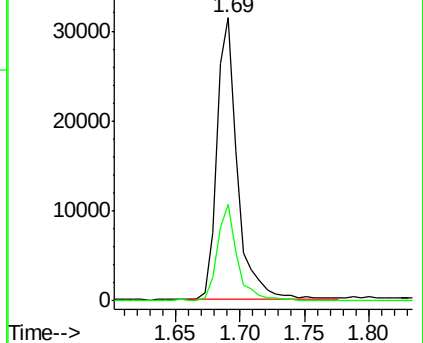
64 100

66 34.1 27.1 40.7

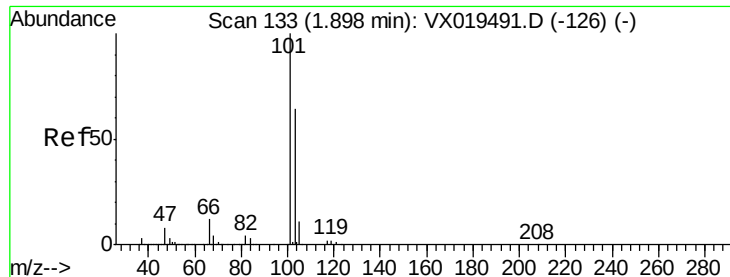


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0







#7

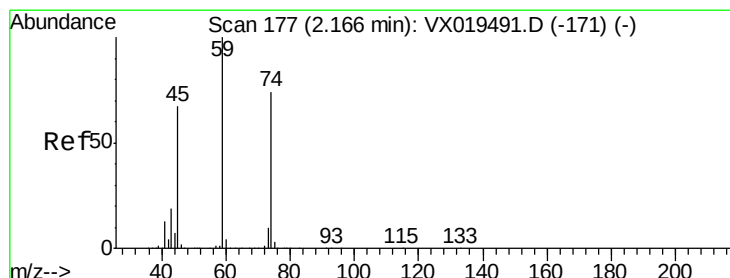
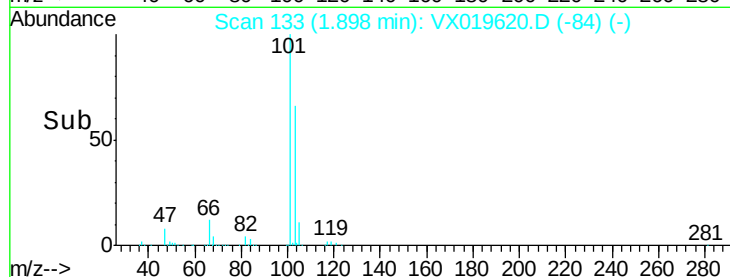
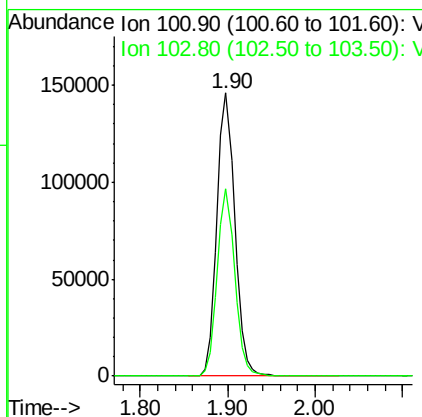
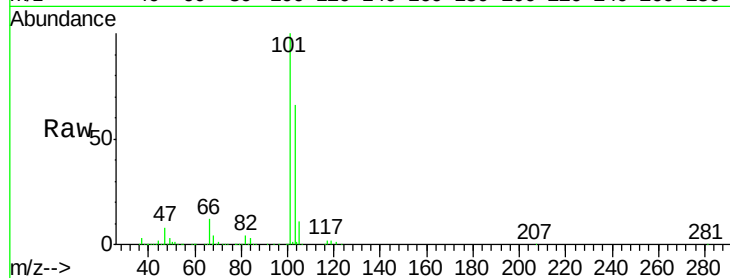
Trichlorofluoromethane  
Concen: 45.999 ug/l  
RT: 1.90 min Scan# 133  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 66.2  | 50.9  | 76.3  |

Manual Integrations  
APPROVED

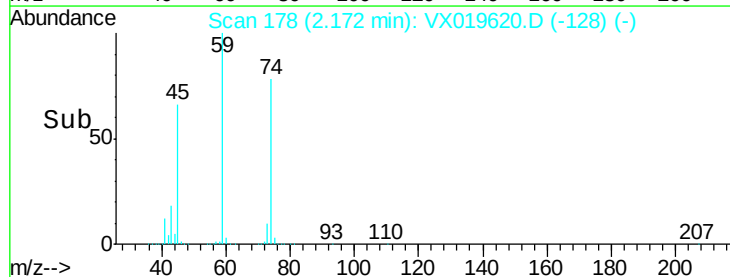
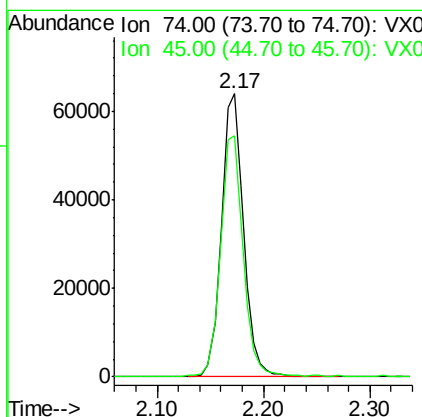
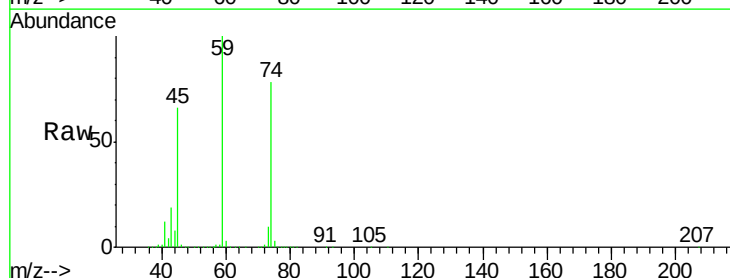
MMDadoda  
11/25/2020 9:54:32 AM



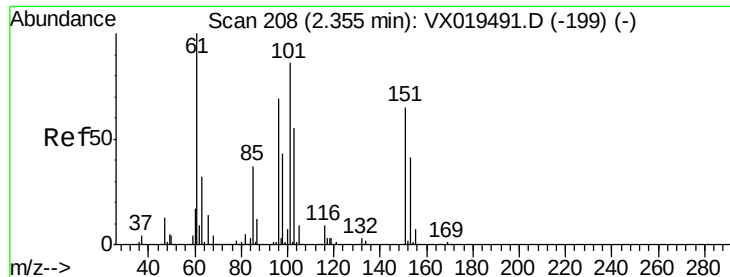
#8

Diethyl Ether  
Concen: 51.001 ug/l  
RT: 2.17 min Scan# 178  
Delta R.T. 0.01 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 86.9  | 44.4  | 133.2 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.285 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019620.D

Acq: 24 Nov 2020 21:20

Instrument :

MSVOA\_X

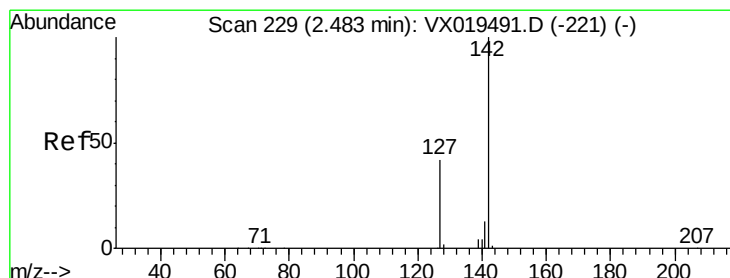
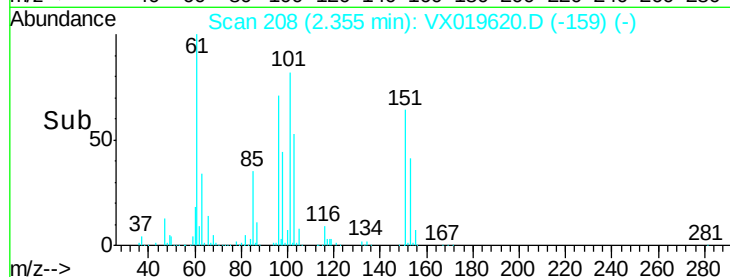
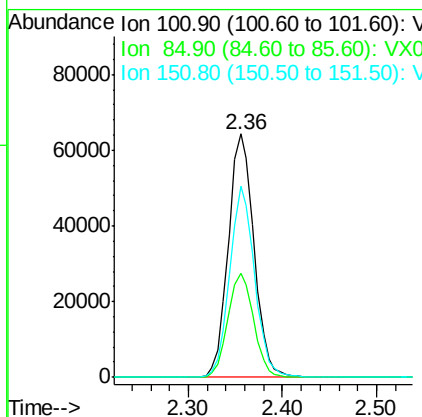
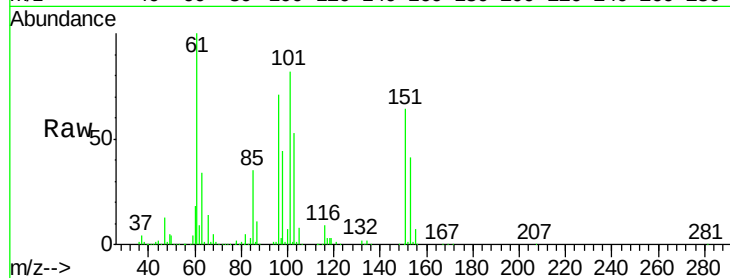
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 121952 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 43.0  | 33.9  | 50.9   |
| 151       | 76.1  | 60.9  | 91.3   |

Manual Integrations  
APPROVED

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11/25/2020 9:54:32 AM



#10

Methyl Iodide

Concen: 51.177 ug/l

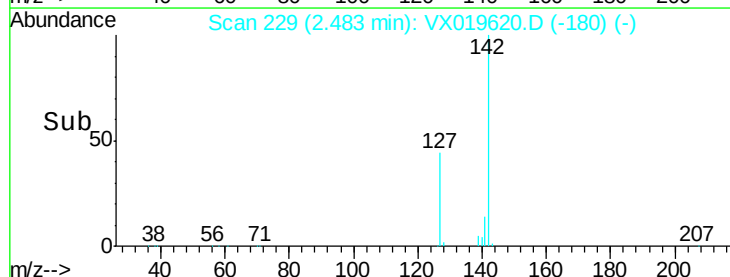
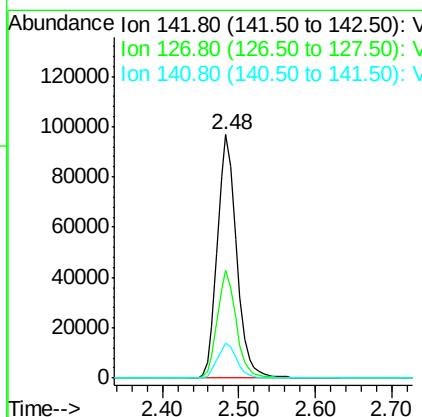
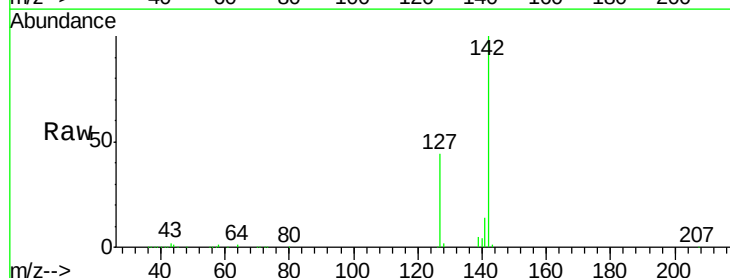
RT: 2.48 min Scan# 229

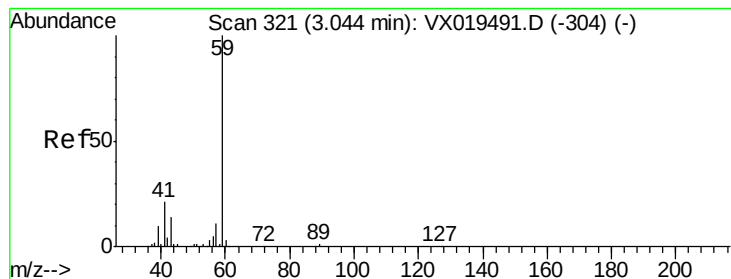
Delta R.T. -0.00 min

Lab File: VX019620.D

Acq: 24 Nov 2020 21:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 169806 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 43.1  | 33.8  | 50.6   |
| 141       | 14.3  | 11.0  | 16.6   |





#11

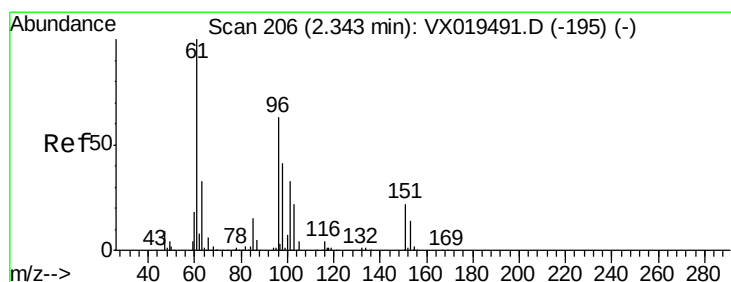
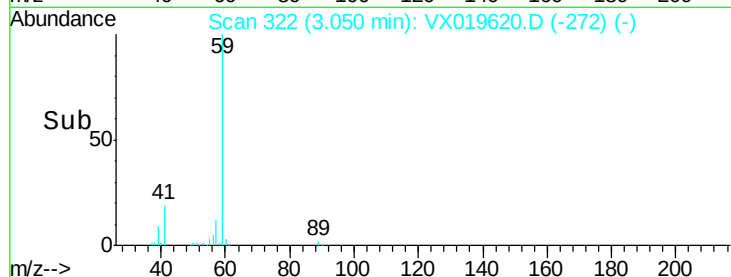
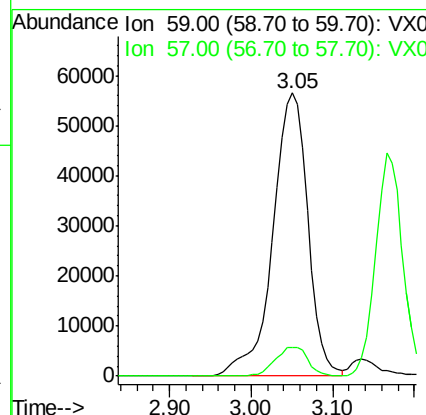
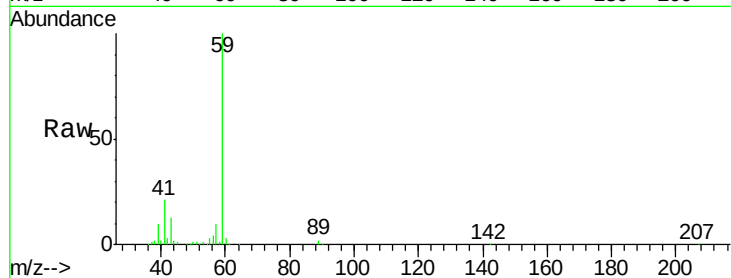
Tert butyl alcohol  
Concen: 263.262 ug/l  
RT: 3.05 min Scan# 322  
Delta R.T. 0.01 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 59      | 59  | 100   | 168676 |       |       |
| 57      | 57  | 9.8   |        | 7.9   | 11.9  |

Manual Integrations  
APPROVED

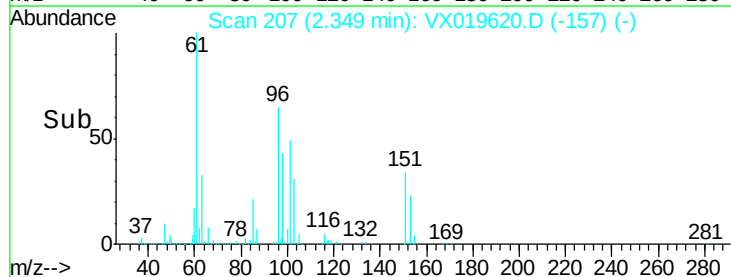
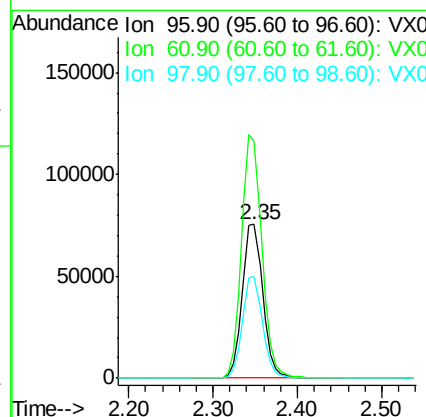
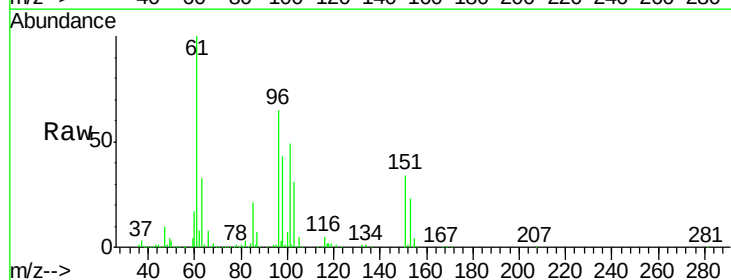
MMDadoda  
11/25/2020 9:54:32 AM

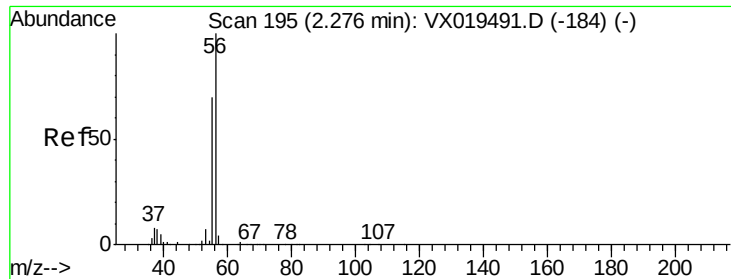


#12

1,1-Dichloroethene  
Concen: 47.552 ug/l  
RT: 2.35 min Scan# 207  
Delta R.T. 0.01 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 96      | 96  | 100   | 123270 |       |       |
| 61      | 61  | 154.3 |        | 126.0 | 189.0 |
| 98      | 98  | 65.6  |        | 52.0  | 78.0  |





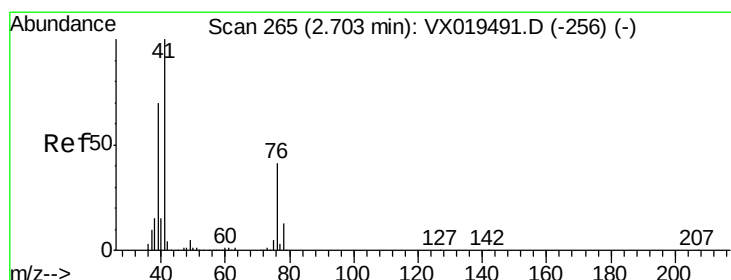
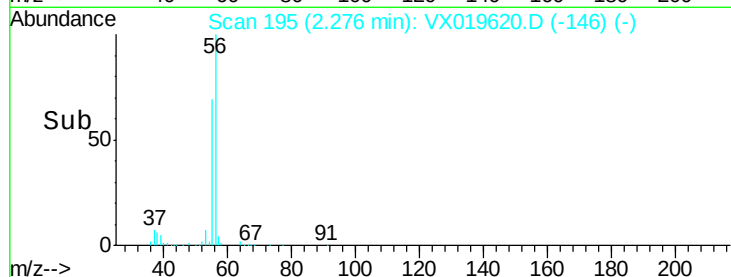
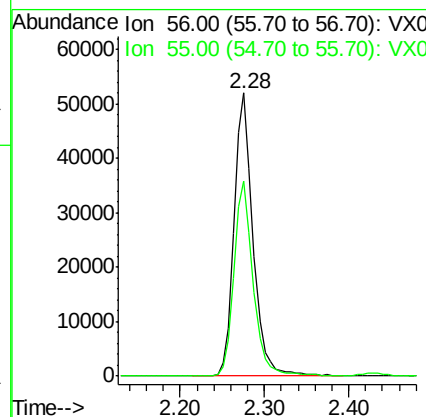
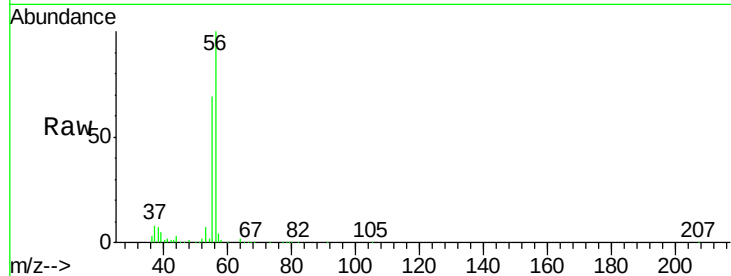
#13  
 Acrolein  
 Concen: 185.837 ug/l  
 RT: 2.28 min Scan# 195  
 Delta R.T. -0.00 min  
 Lab File: VX019620.D  
 Acq: 24 Nov 2020 21:20

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion   | 56   | Resp  | 80037 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 56        | 100  |       |       |
| 55        | 69.2 | 55.5  | 83.3  |

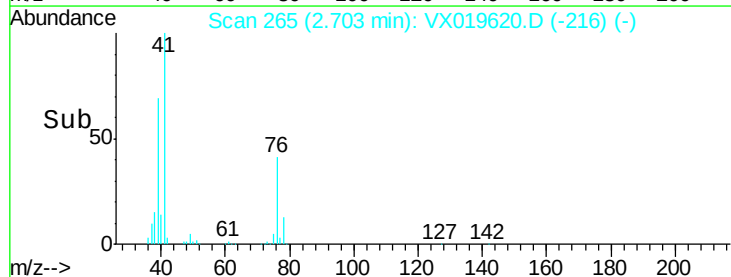
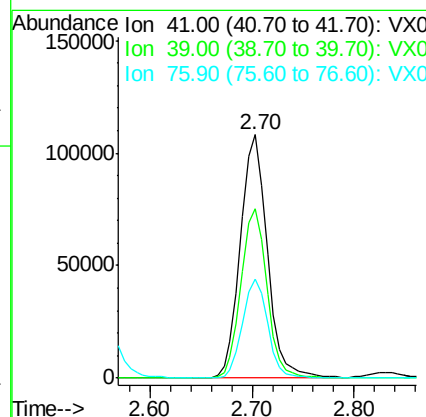
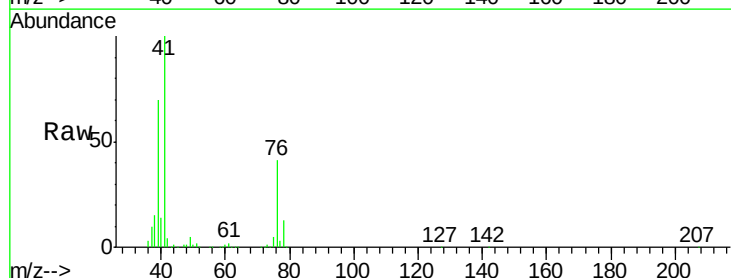
Manual Integrations  
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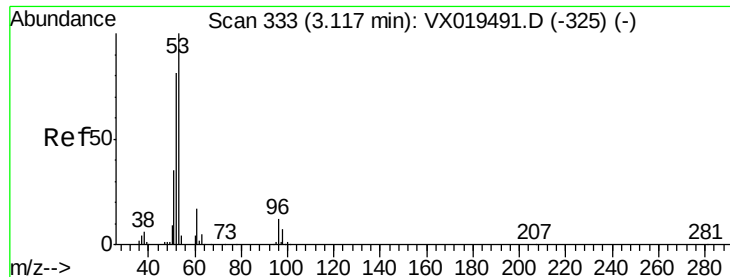
MMDadoda  
 11/25/2020 9:54:32 AM



#14  
 Allyl chloride  
 Concen: 48.929 ug/l  
 RT: 2.70 min Scan# 265  
 Delta R.T. -0.00 min  
 Lab File: VX019620.D  
 Acq: 24 Nov 2020 21:20

| Tgt Ion   | 41   | Resp  | 198700 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 41        | 100  |       |        |
| 39        | 67.0 | 53.0  | 79.4   |
| 76        | 38.2 | 31.0  | 46.6   |





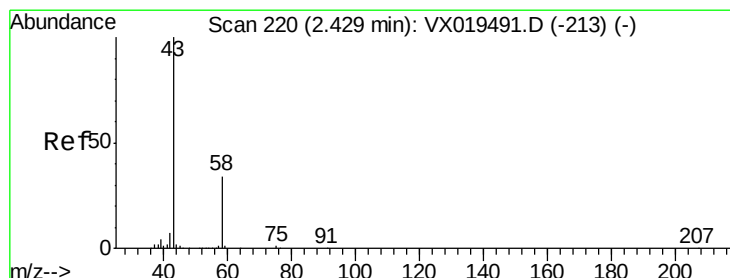
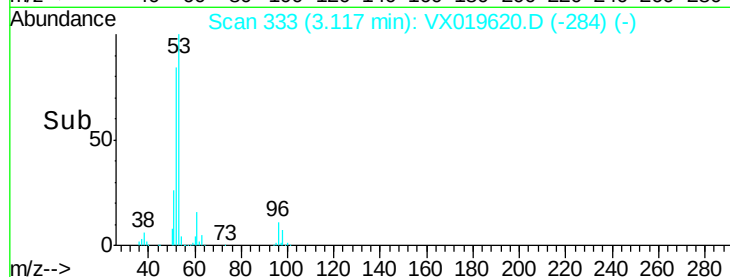
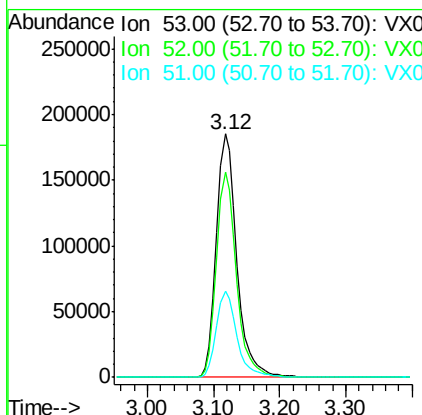
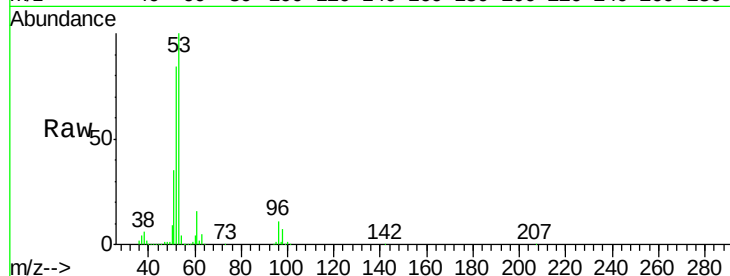
#15  
 Acrylonitrile  
 Concen: 261.242 ug/l  
 RT: 3.12 min Scan# 333  
 Delta R.T. -0.00 min  
 Lab File: VX019620.D  
 Acq: 24 Nov 2020 21:20

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 82.5  | 66.2  | 99.2  |
| 51      | 35.3  | 28.5  | 42.7  |

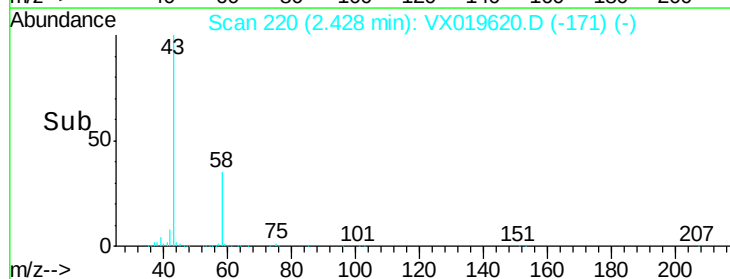
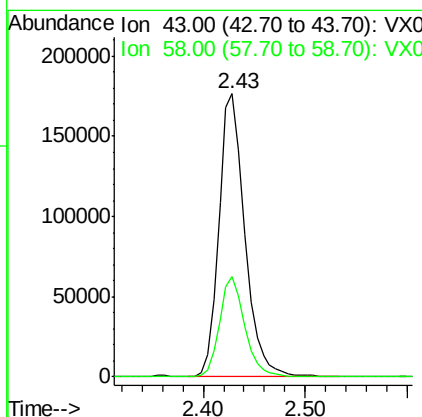
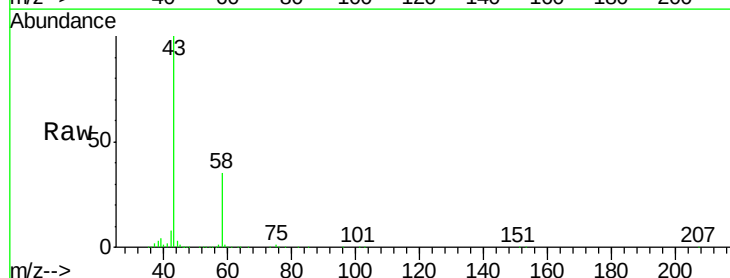
Manual Integrations  
 APPROVED

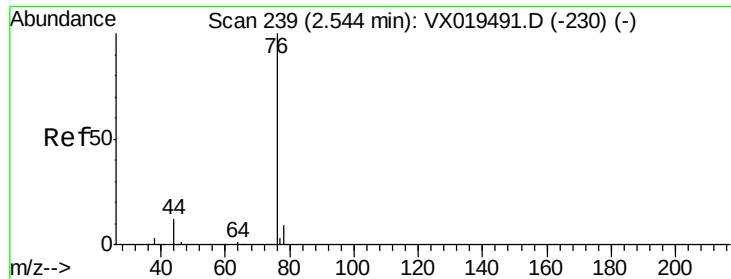
MMDadoda  
 11/25/2020 9:54:32 AM



#16  
 Acetone  
 Concen: 238.139 ug/l  
 RT: 2.43 min Scan# 220  
 Delta R.T. -0.00 min  
 Lab File: VX019620.D  
 Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 35.4  | 27.4  | 41.2  |





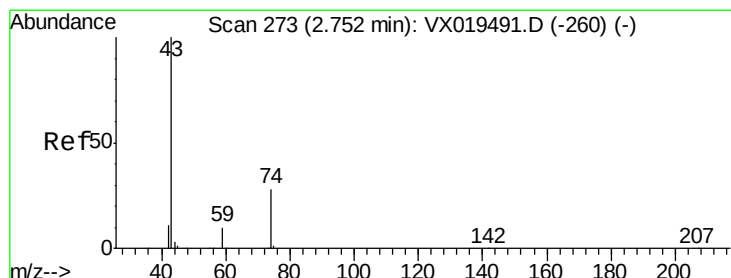
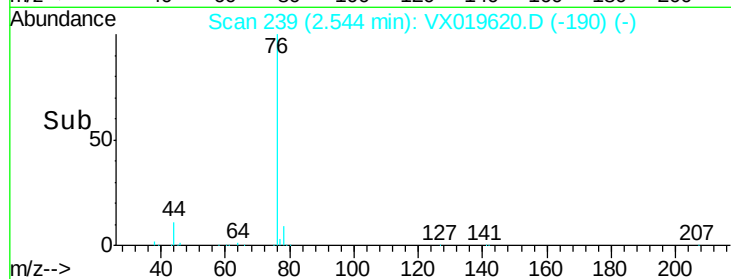
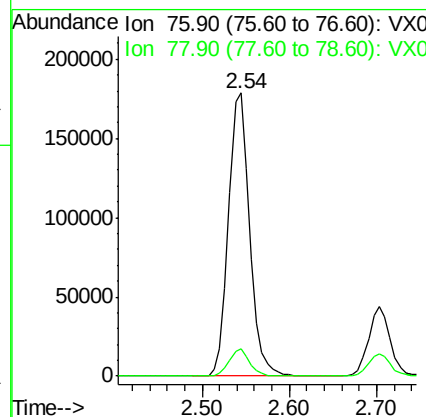
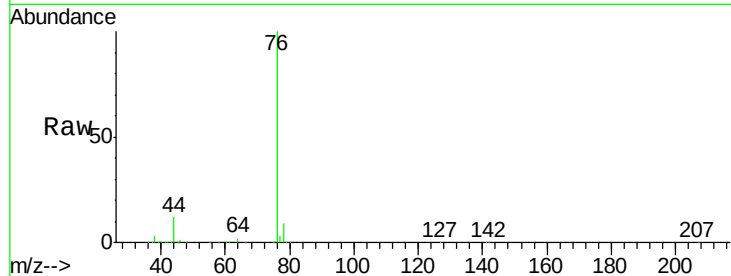
#17  
Carbon Disulfide  
Concen: 42.998 ug/l  
RT: 2.54 min Scan# 239  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.5   | 7.2   | 10.8  |

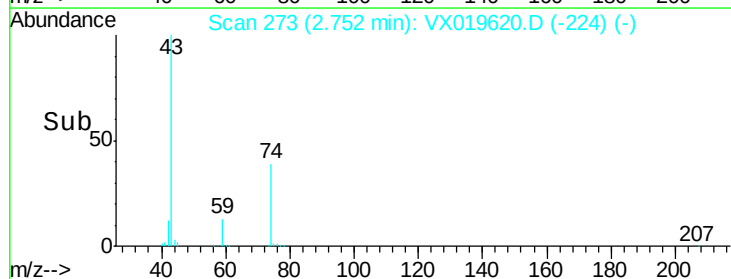
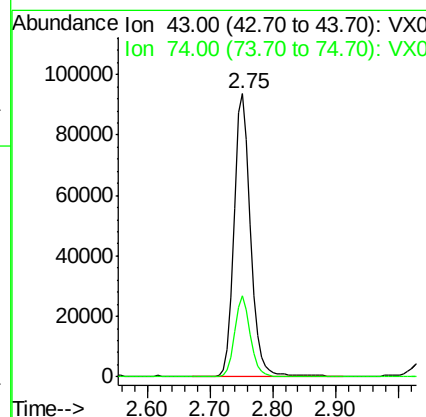
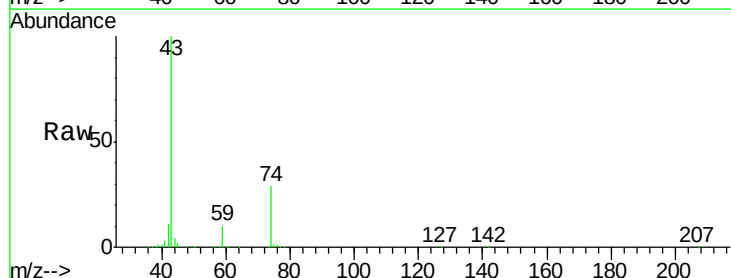
Manual Integrations  
APPROVED

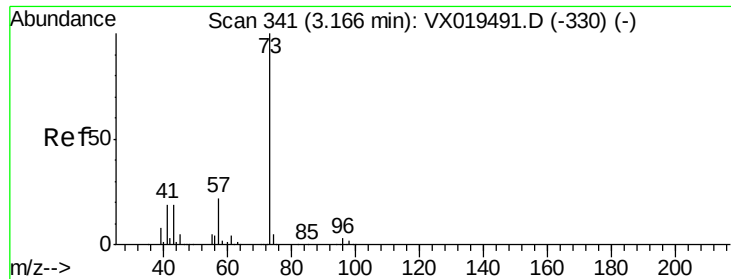
MMDadoda  
11/25/2020 9:54:32 AM



#18  
Methyl Acetate  
Concen: 53.036 ug/l  
RT: 2.75 min Scan# 273  
Delta R.T. 0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 27.6  | 22.2  | 33.4  |





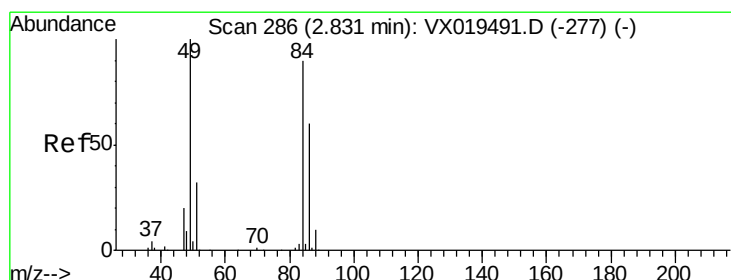
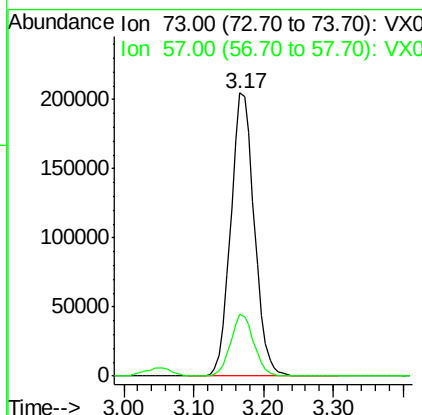
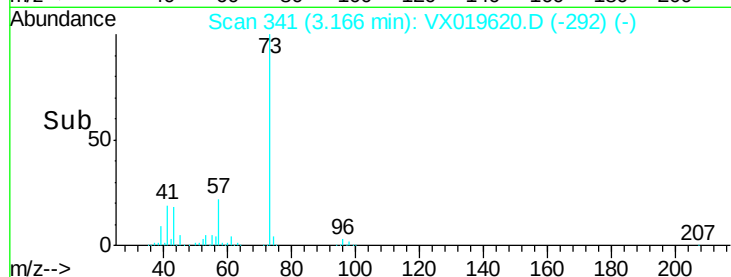
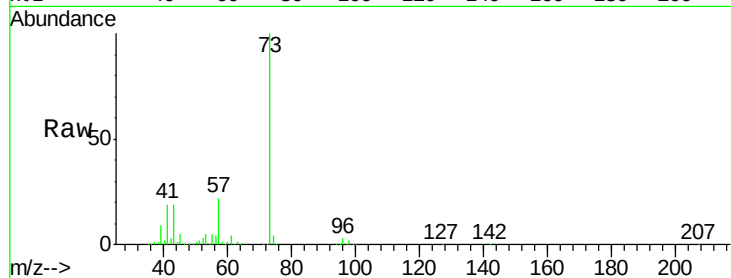
#19  
Methyl tert-butyl Ether  
Concen: 53.516 ug/l  
RT: 3.17 min Scan# 341  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 478866  
Ion Ratio Lower Upper  
73 100  
57 21.7 17.3 25.9

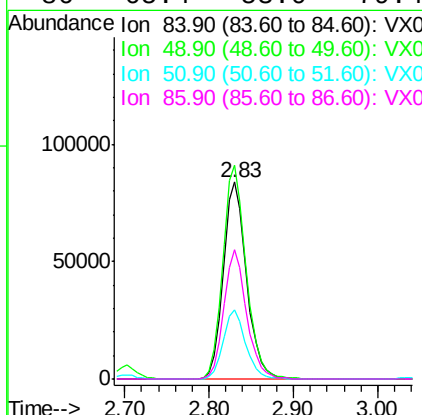
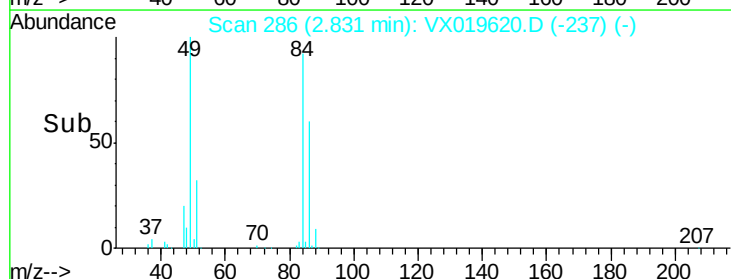
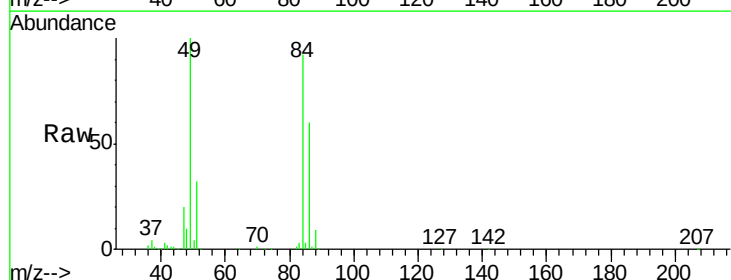
Manual Integrations  
APPROVED

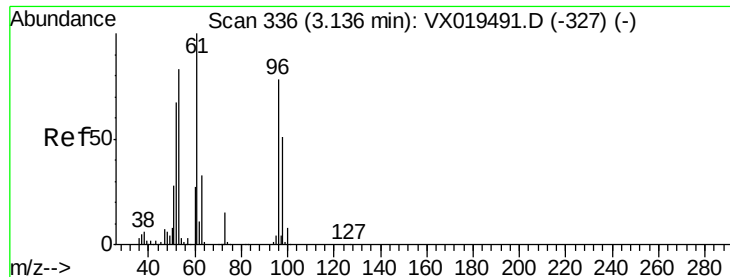
MMDadoda  
11/25/2020 9:54:32 AM



#20  
Methylene Chloride  
Concen: 48.513 ug/l  
RT: 2.83 min Scan# 286  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

Tgt Ion: 84 Resp: 158750  
Ion Ratio Lower Upper  
84 100  
49 108.4 88.5 132.7  
51 35.1 28.0 42.0  
86 65.4 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 47.920 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019620.D

Acq: 24 Nov 2020 21:20

Instrument :

MSVOA\_X

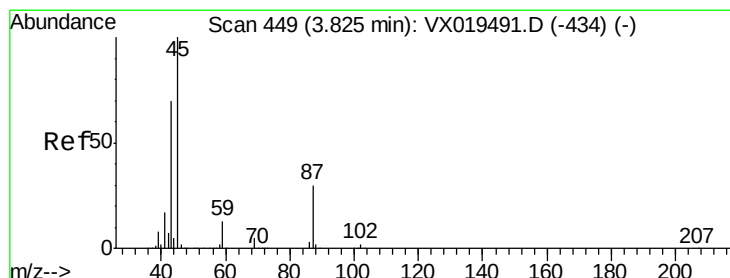
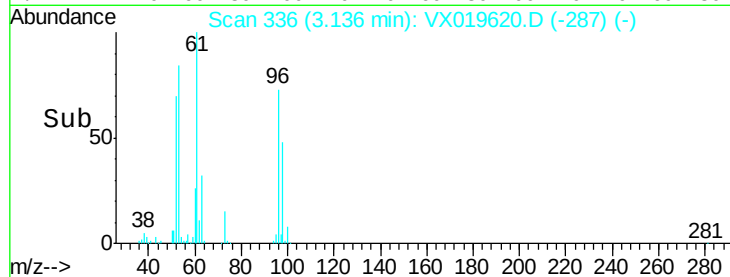
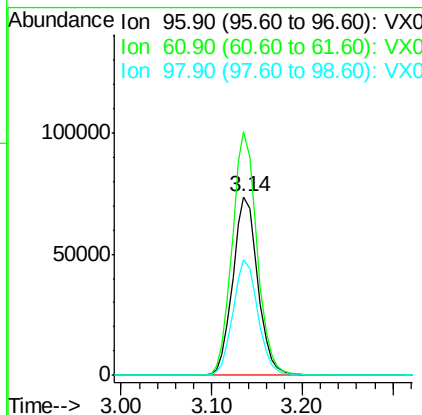
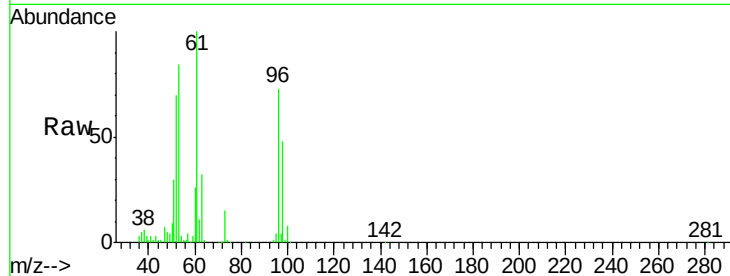
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 140744 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 136.5 | 102.9 | 154.3  |
| 98       | 65.0  | 52.1  | 78.1   |

Manual Integrations  
APPROVED

MMDadoda  
11/25/2020 9:54:32 AM



#22

Diisopropyl ether

Concen: 52.752 ug/l

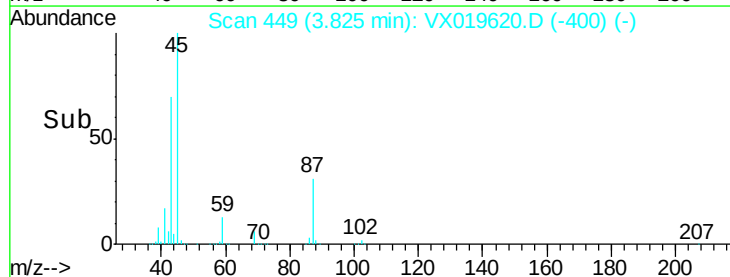
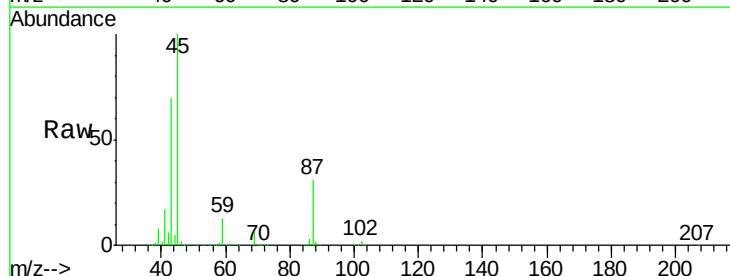
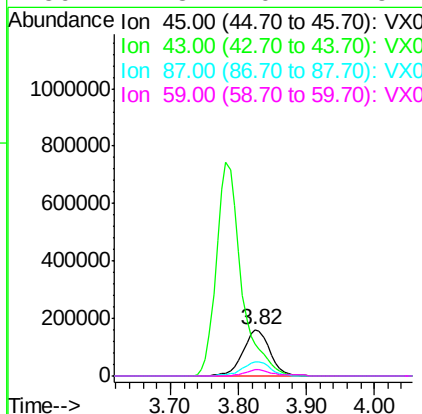
RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

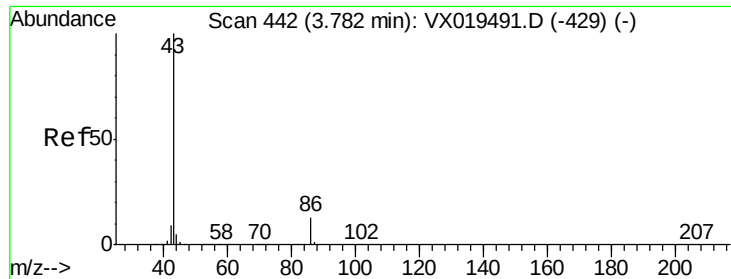
Lab File: VX019620.D

Acq: 24 Nov 2020 21:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 443168 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 69.6  | 56.1  | 84.1   |
| 87       | 31.4  | 24.2  | 36.2   |
| 59       | 12.8  | 10.2  | 15.2   |







#23

Vinyl Acetate

Concen: 269.939 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019620.D

Acq: 24 Nov 2020 21:20

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1902171

Ion Ratio Lower Upper

43 100

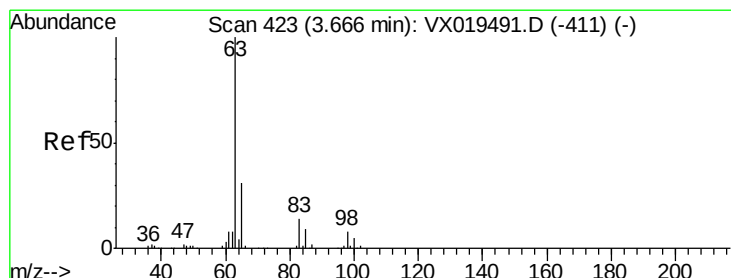
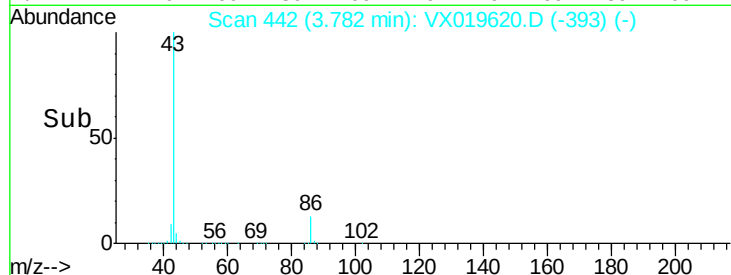
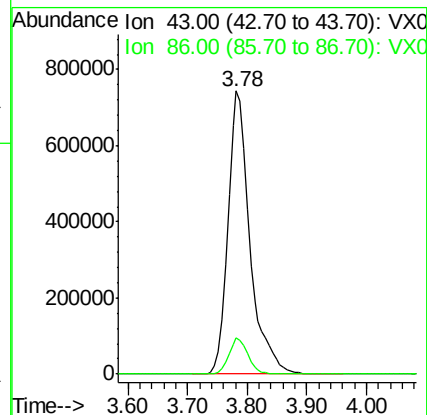
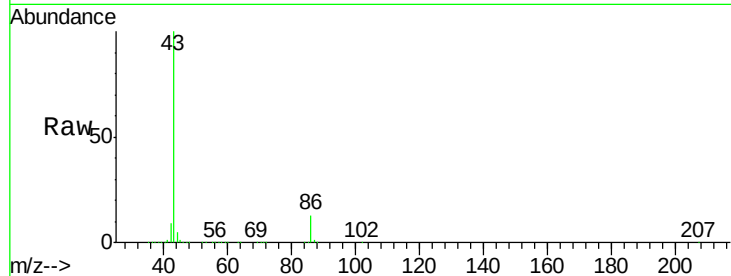
86 12.7 10.2 15.2

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#24

1,1-Dichloroethane

Concen: 51.045 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019620.D

Acq: 24 Nov 2020 21:20

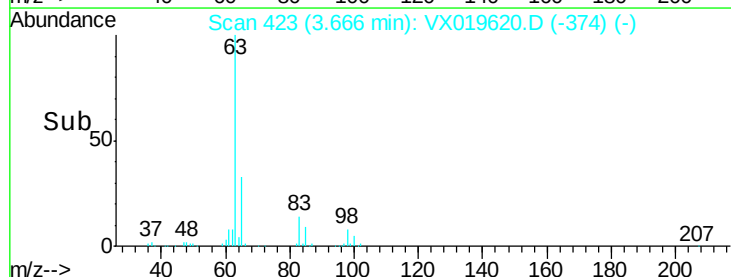
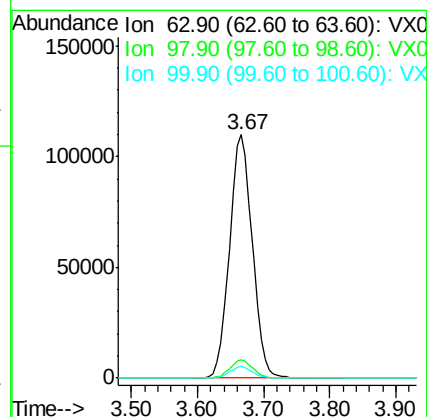
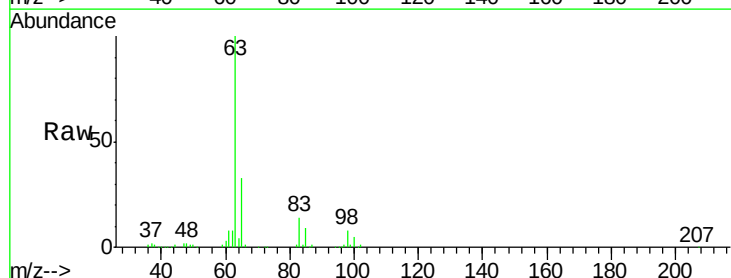
Tgt Ion: 63 Resp: 262298

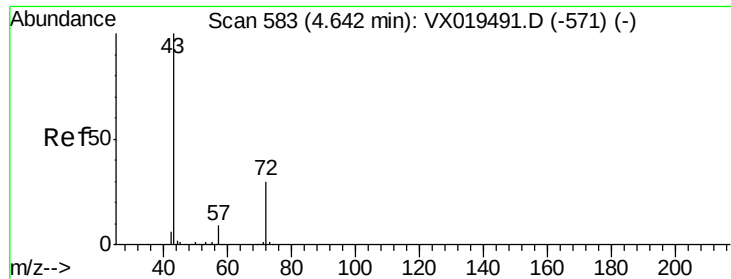
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 253.818 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019620.D

Acq: 24 Nov 2020 21:20

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 499195

Ion Ratio Lower Upper

43 100

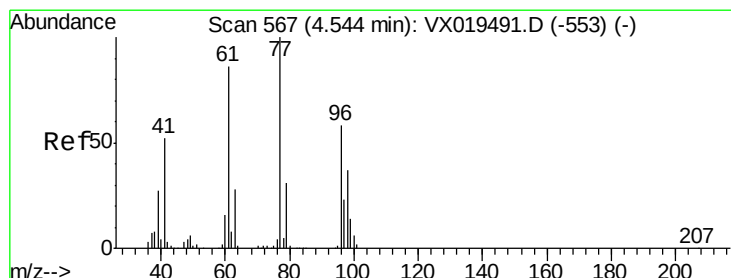
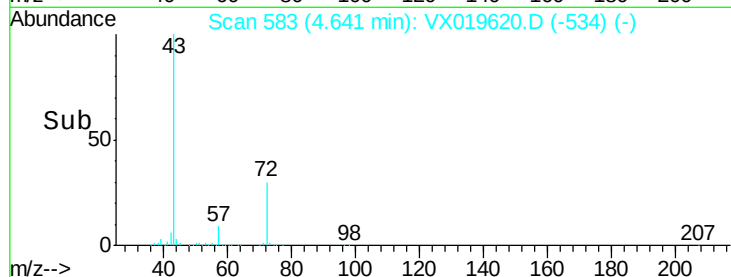
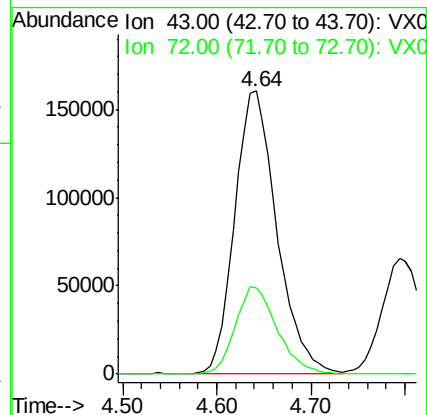
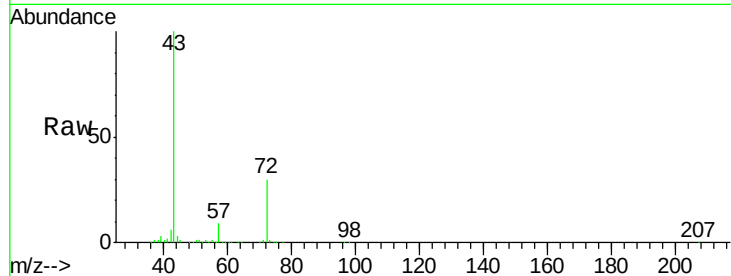
72 30.1 24.0 36.0

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#26

2,2-Dichloropropane

Concen: 46.050 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019620.D

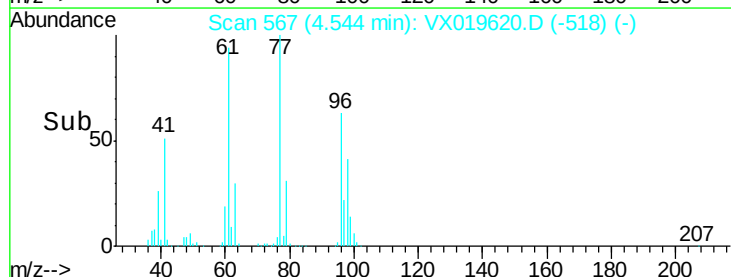
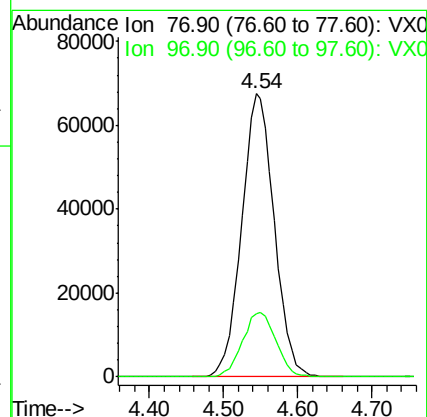
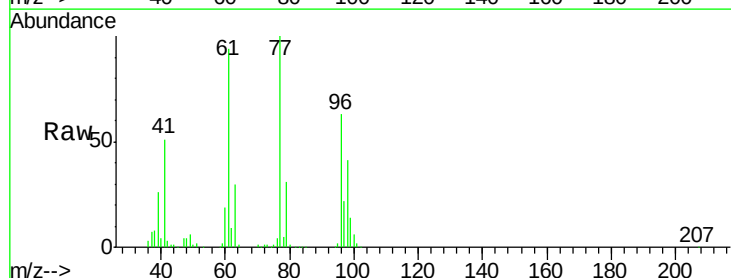
Acq: 24 Nov 2020 21:20

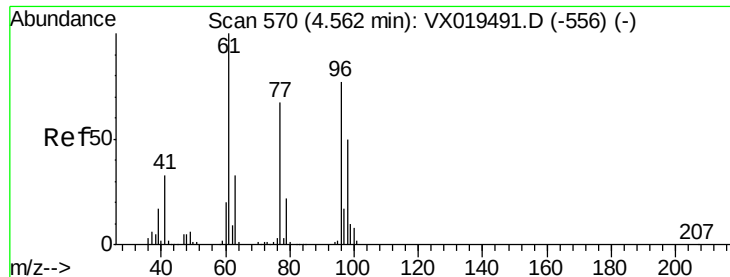
Tgt Ion: 77 Resp: 206544

Ion Ratio Lower Upper

77 100

97 23.6 11.6 34.8





#27

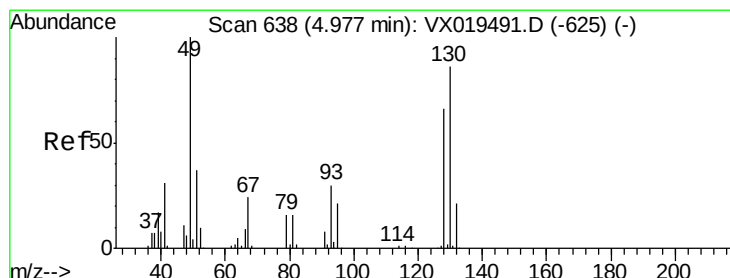
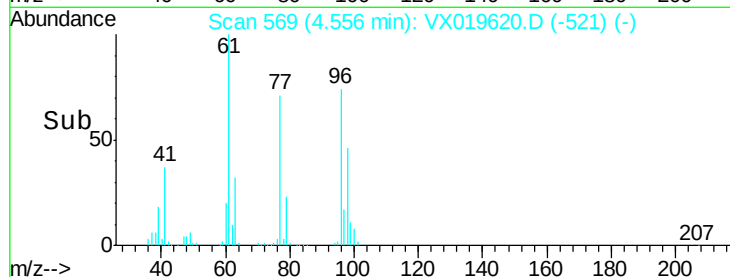
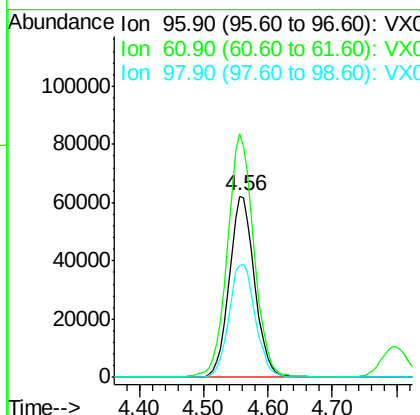
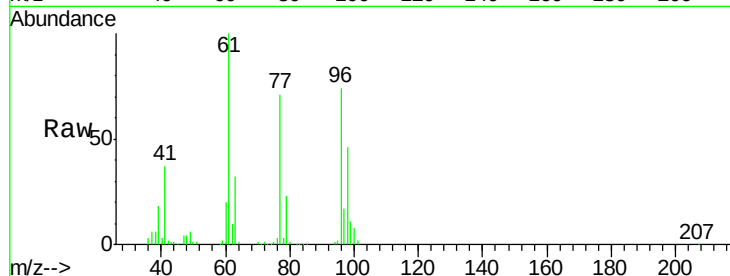
cis-1,2-Dichloroethene  
Concen: 50.790 ug/l  
RT: 4.56 min Scan# 569  
Delta R.T. -0.01 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 171354 |       |       |
| 61      | 141.2 | 0.0    | 279.2 |       |
| 98      | 64.9  | 0.0    | 129.8 |       |

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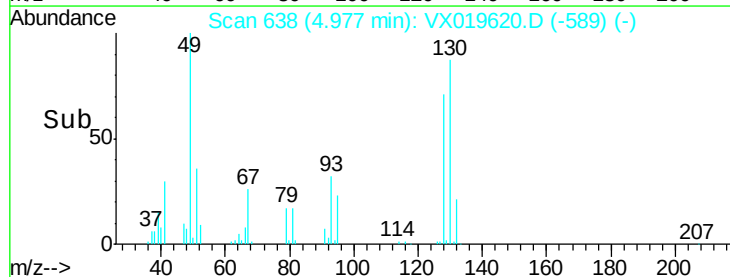
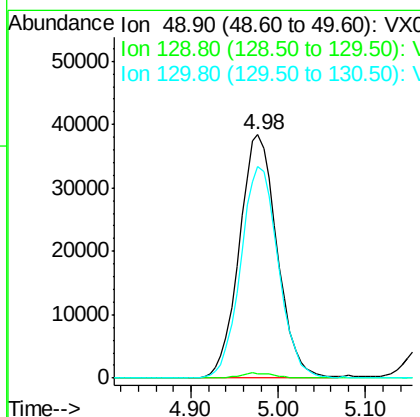
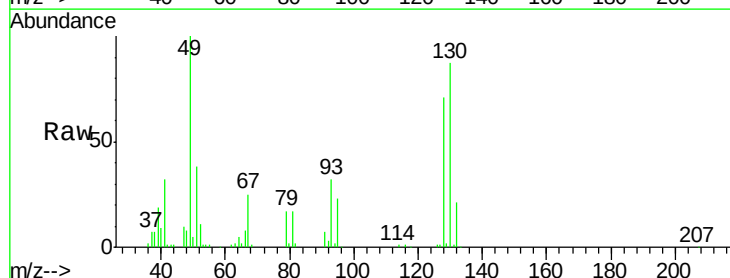
MMDadoda  
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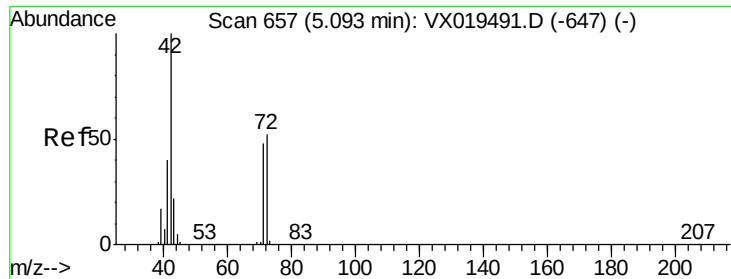


#28

Bromochloromethane  
Concen: 46.886 ug/l  
RT: 4.98 min Scan# 638  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 115187 |       |       |
| 129     | 2.0   | 0.0    | 4.2   |       |
| 130     | 86.4  | 69.0   | 103.6 |       |





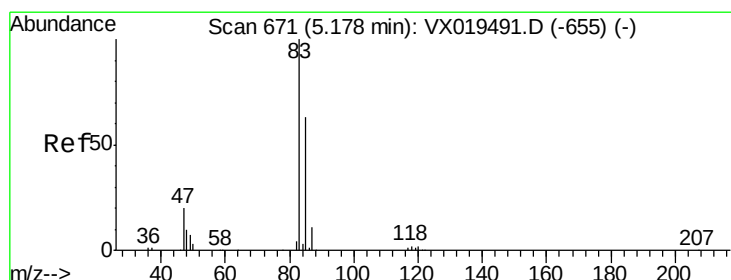
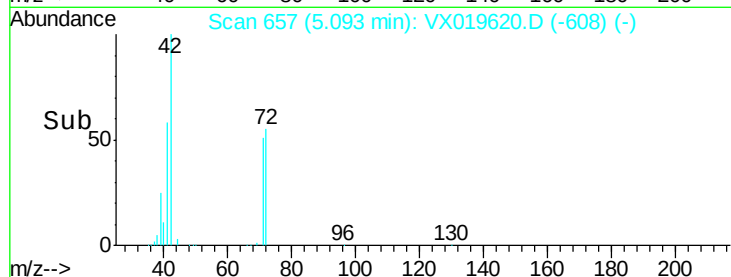
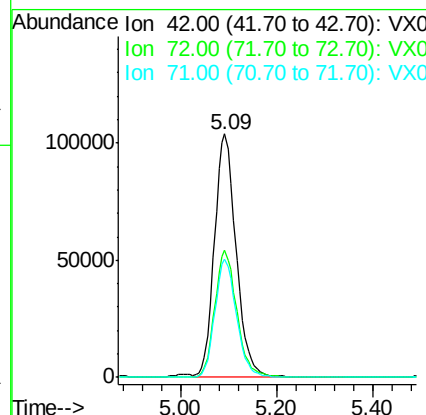
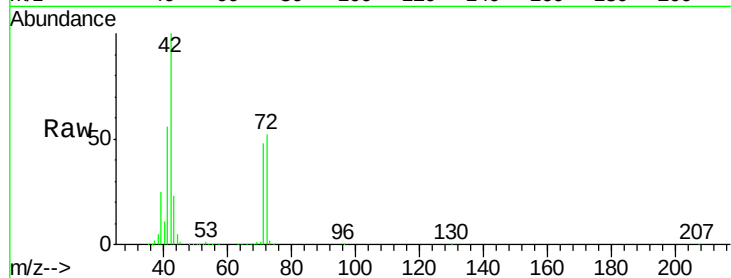
#29  
Tetrahydrofuran  
Concen: 259.299 ug/l  
RT: 5.09 min Scan# 657  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 42      | 100   |      |       |       |
| 72      | 52.9  |      | 42.6  | 63.8  |
| 71      | 48.3  |      | 39.0  | 58.6  |

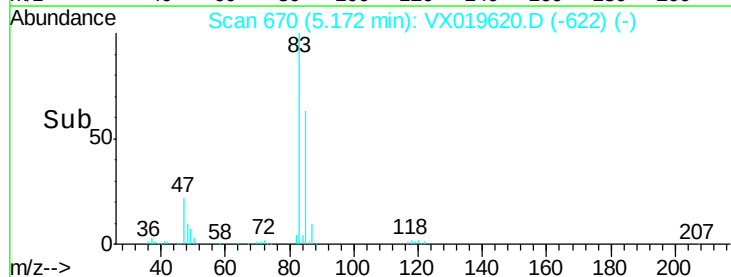
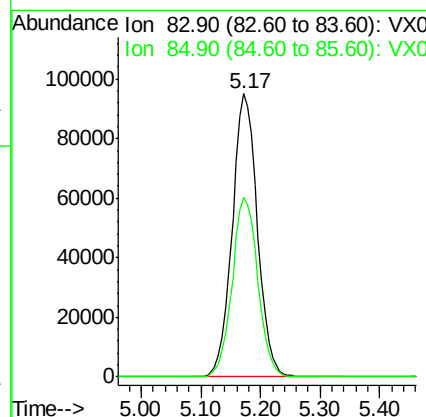
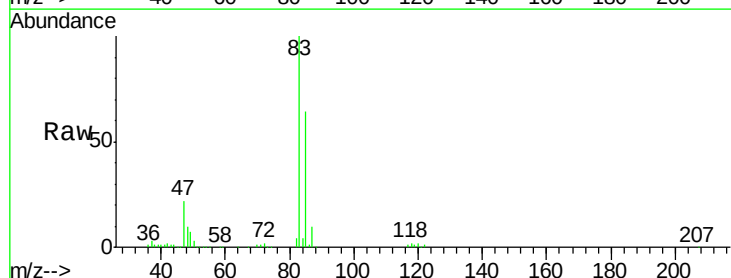
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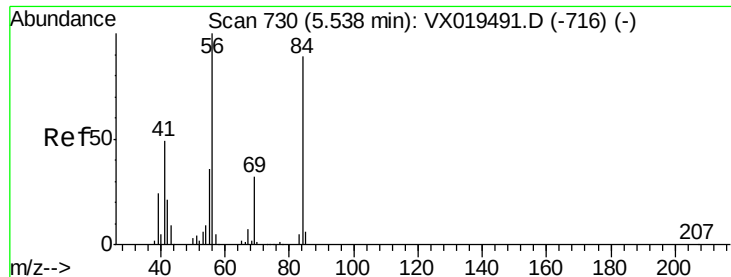
MMDadoda  
11/25/2020 9:54:32 AM



#30  
Chloroform  
Concen: 51.740 ug/l  
RT: 5.17 min Scan# 670  
Delta R.T. -0.01 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 83      | 100   |      |       |       |
| 85      | 63.7  |      | 50.5  | 75.7  |





#31

Cvclohexane

Concen: 46.966 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019620.D

Acq: 24 Nov 2020 21:20

Instrument :

MSVOA\_X

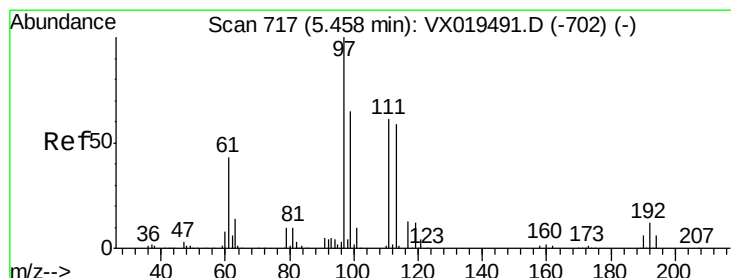
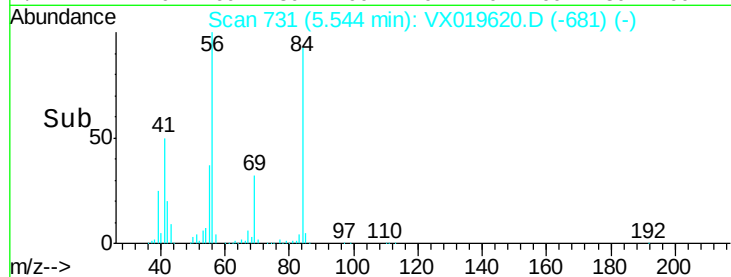
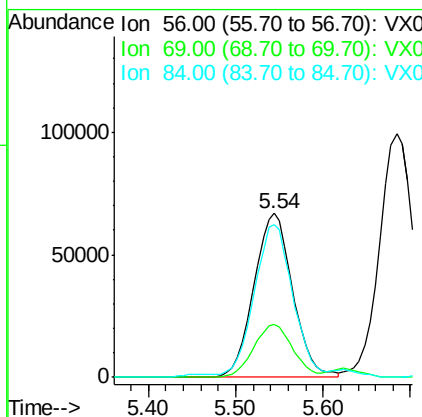
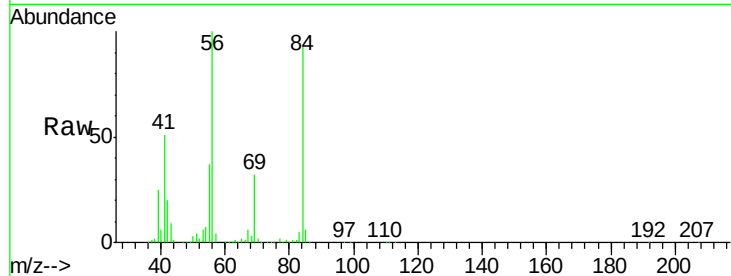
ClientSampleId :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 32.4  | 25.5  | 38.3  |
| 84      | 91.5  | 71.1  | 106.7 |

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#32

1,1,1-Trichloroethane

Concen: 50.337 ug/l

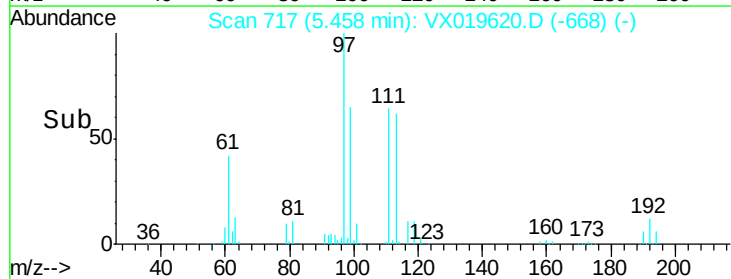
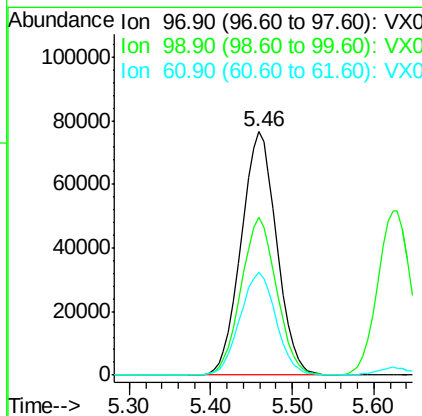
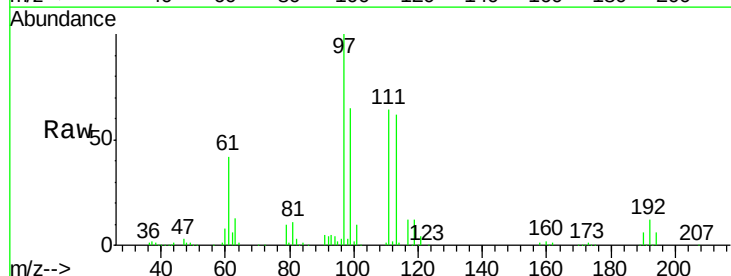
RT: 5.46 min Scan# 717

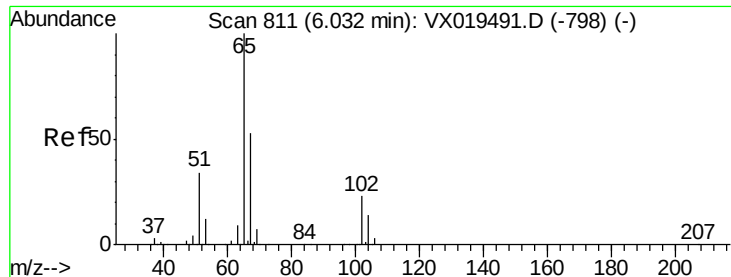
Delta R.T. -0.00 min

Lab File: VX019620.D

Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.7  | 51.4  | 77.0  |
| 61      | 42.8  | 34.2  | 51.2  |





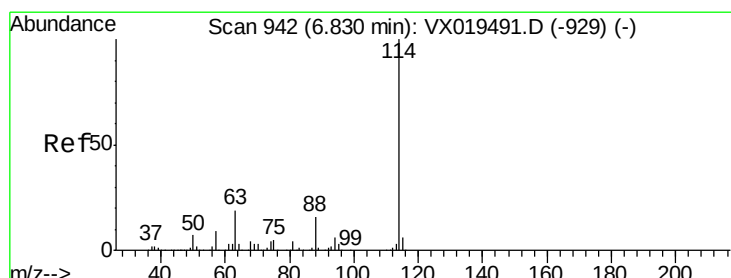
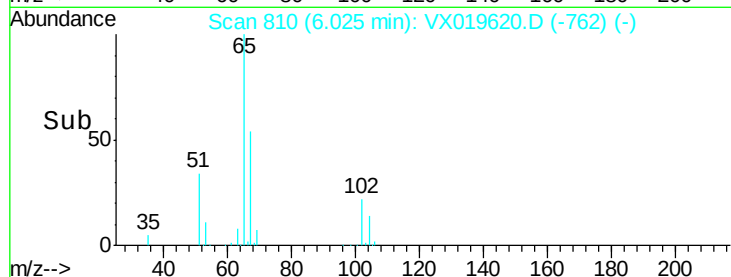
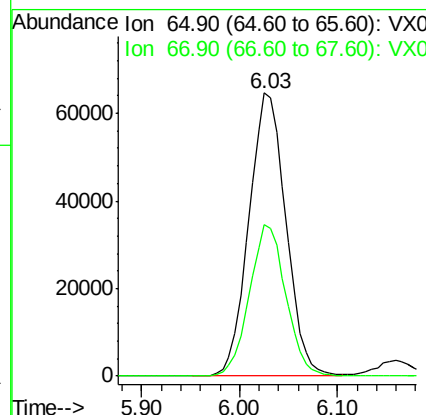
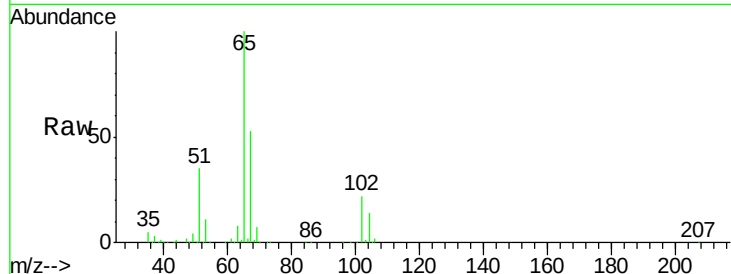
#33  
 1,2-Dichloroethane-d4  
 Concen: 50.185 ug/l  
 RT: 6.03 min Scan# 810  
 Delta R.T. -0.01 min  
 Lab File: VX019620.D  
 Acq: 24 Nov 2020 21:20

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 169904 |       |       |
| 67      | 52.6  | 0.0    | 105.0 |       |

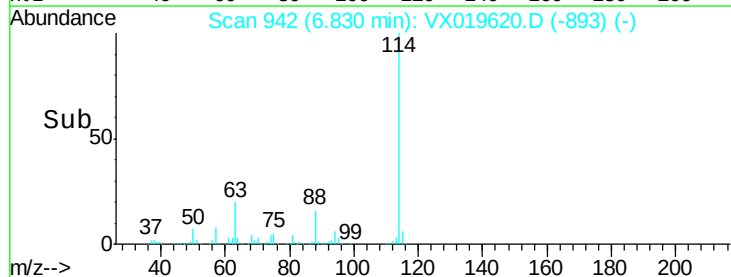
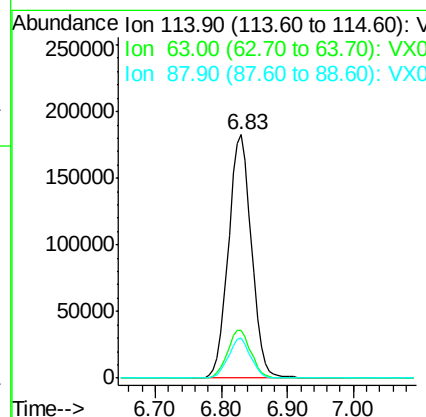
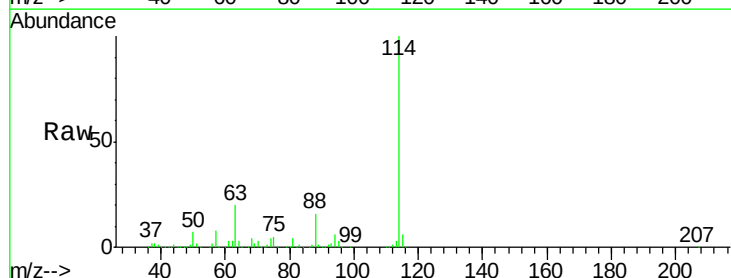
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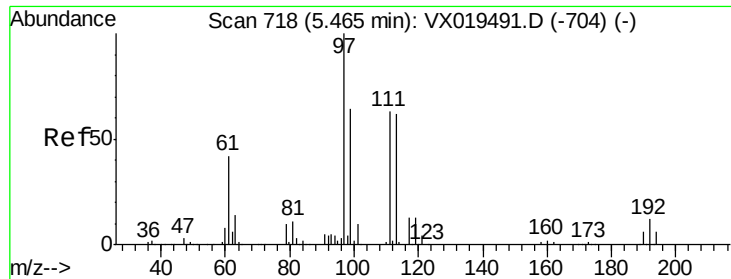
MMDadoda  
 11/25/2020 9:54:32 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.83 min Scan# 942  
 Delta R.T. -0.00 min  
 Lab File: VX019620.D  
 Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 442090 |       |       |
| 63      | 19.8  | 0.0    | 38.8  |       |
| 88      | 16.3  | 0.0    | 31.6  |       |





#35

Dibromofluoromethane

Concen: 49.959 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019620.D

Acq: 24 Nov 2020 21:20

Instrument :

MSVOA\_X

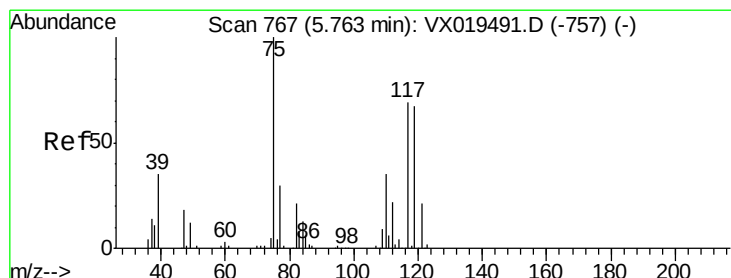
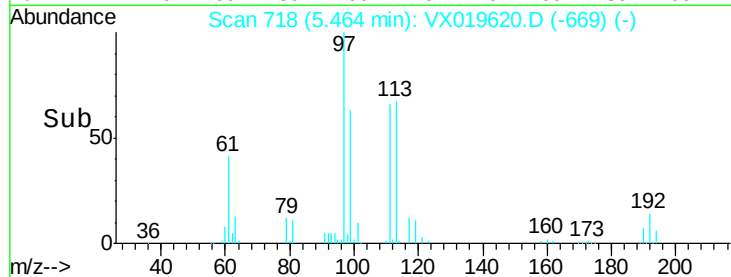
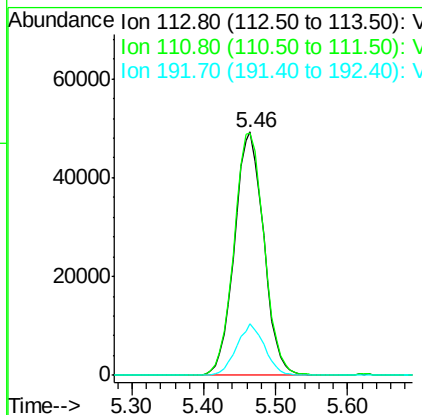
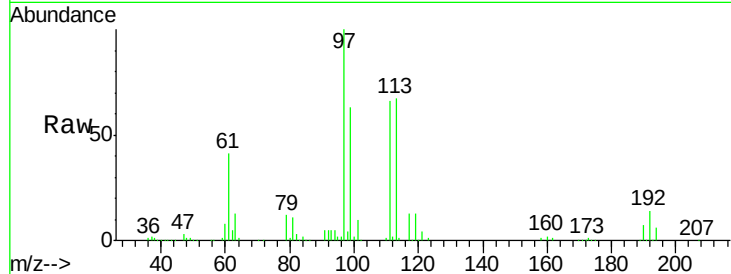
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 138635 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.7 | 81.5  | 122.3  |
| 192       | 20.2  | 16.2  | 24.2   |

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#36

1,1-Dichloropropene

Concen: 47.513 ug/l

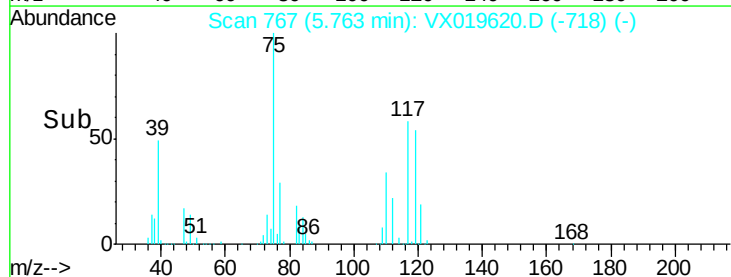
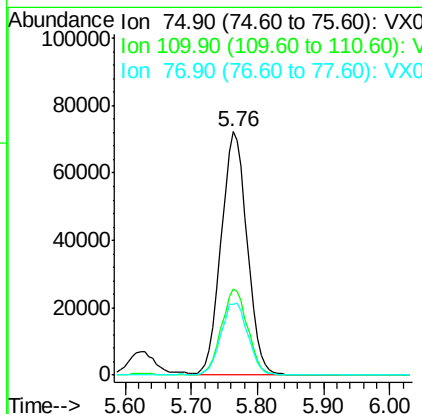
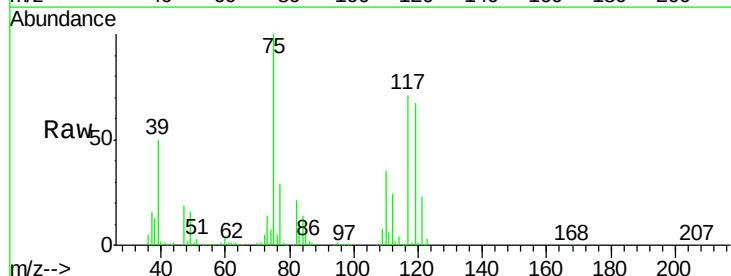
RT: 5.76 min Scan# 767

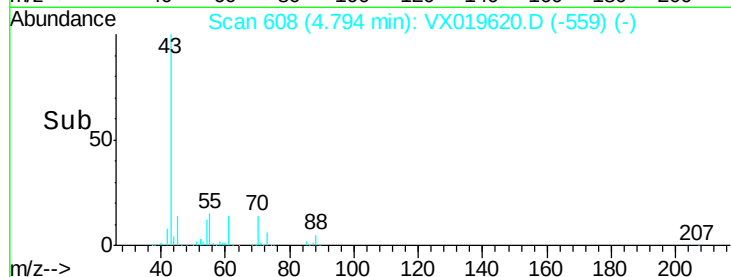
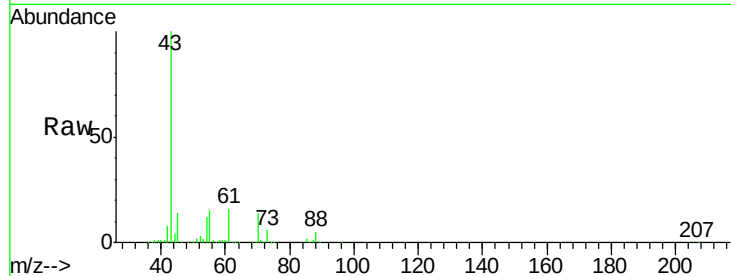
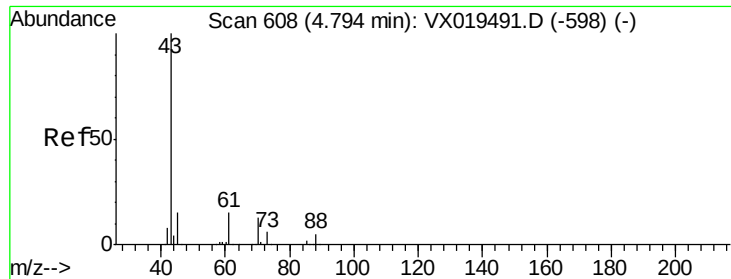
Delta R.T. -0.00 min

Lab File: VX019620.D

Acq: 24 Nov 2020 21:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 196921 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 35.6  | 18.1  | 54.3   |
| 77        | 30.8  | 24.2  | 36.4   |





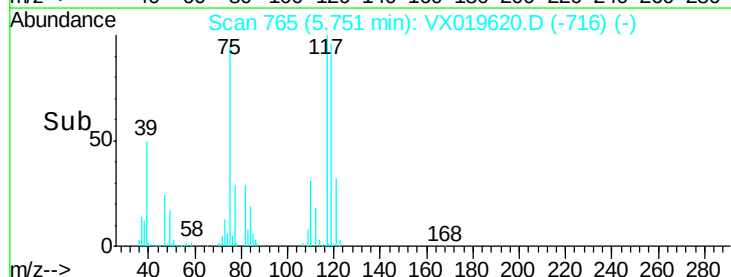
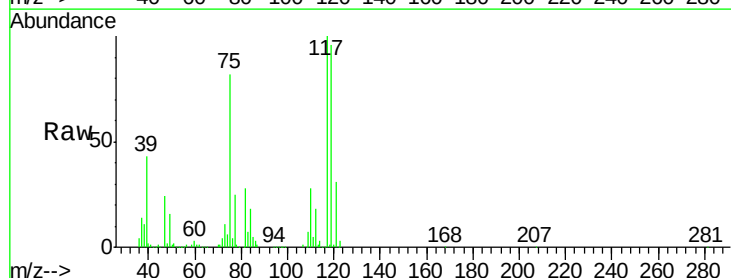
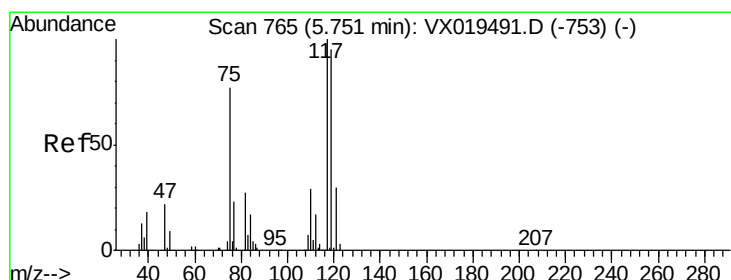
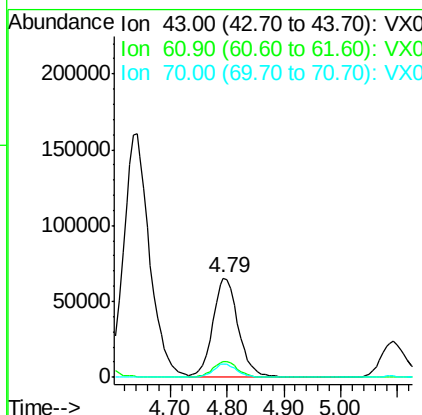
#37  
Ethyl Acetate  
Concen: 51.811 ug/l  
RT: 4.79 min Scan# 608  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.2  | 12.7  | 19.1  |
| 70      | 12.8  | 10.2  | 15.2  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

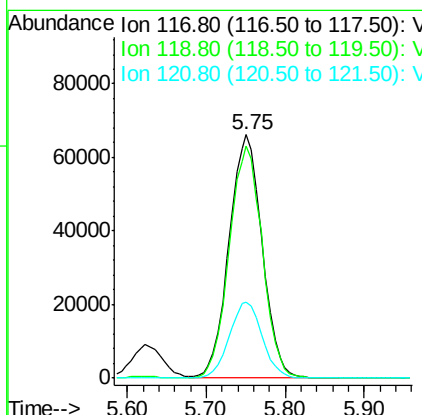
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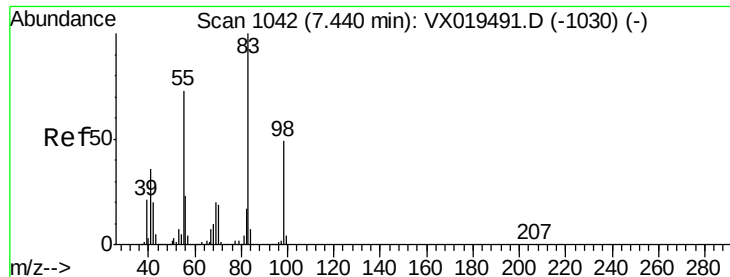


#38  
Carbon Tetrachloride  
Concen: 48.119 ug/l  
RT: 5.75 min Scan# 765  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.4  | 75.9  | 113.9 |
| 121     | 31.4  | 24.0  | 36.0  |







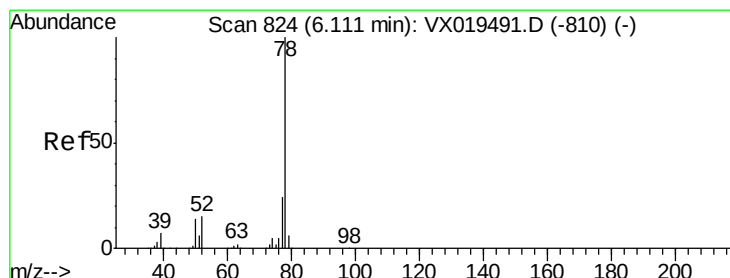
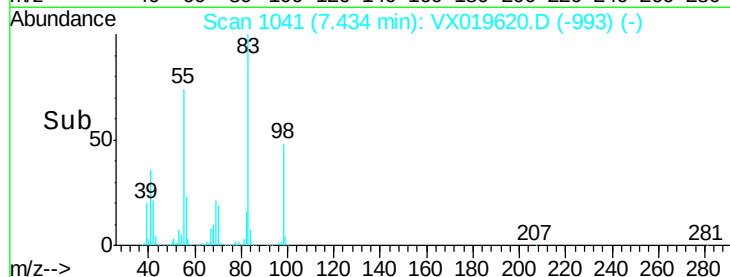
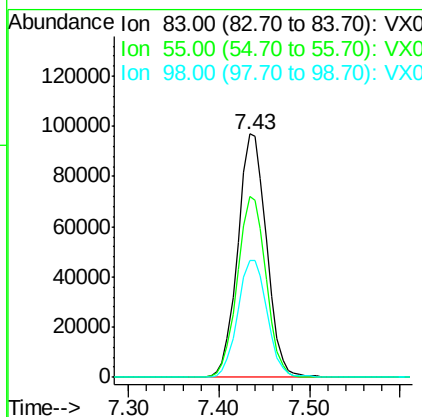
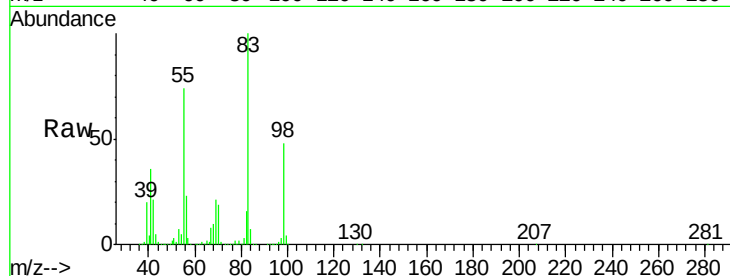
#39  
Methylvlcyclohexane  
Concen: 44.122 ug/l  
RT: 7.43 min Scan# 1041  
Delta R.T. -0.01 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | 83    | Resp  | 212921 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 83      | 100   |       |        |
| 55      | 74.1  | 58.3  | 87.5   |
| 98      | 48.0  | 38.9  | 58.3   |

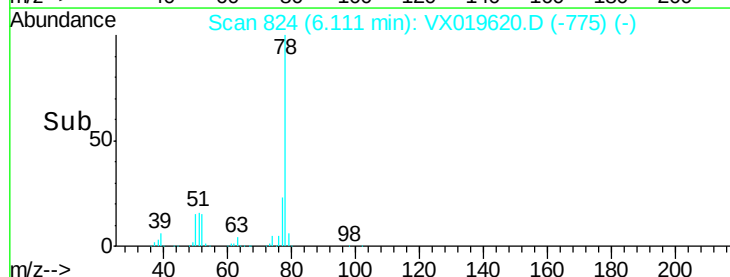
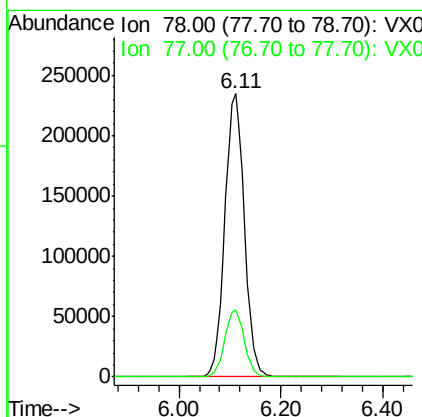
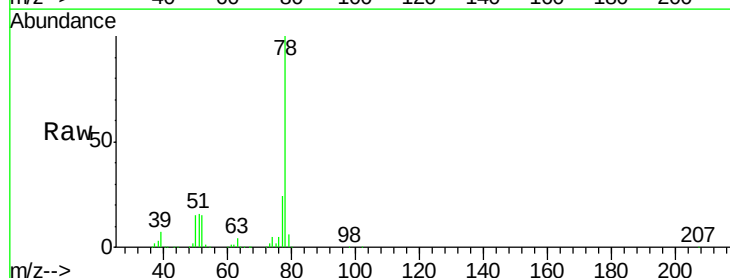
Manual Integrations  
APPROVED

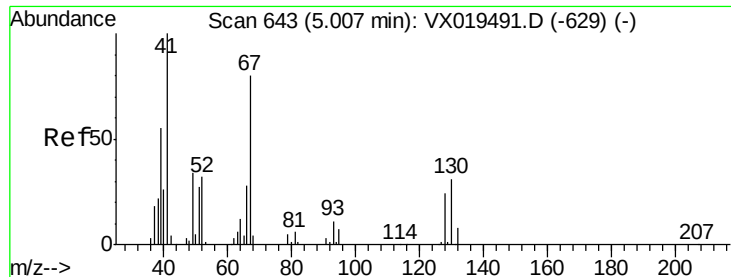
MMDadoda  
11/25/2020 9:54:32 AM



#40  
Benzene  
Concen: 48.794 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

| Tgt Ion | 78    | Resp  | 621359 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 78      | 100   |       |        |
| 77      | 23.7  | 18.9  | 28.3   |





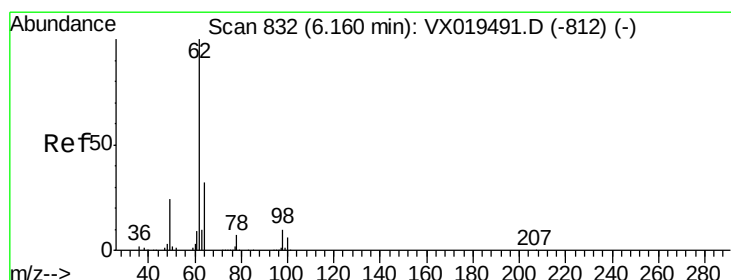
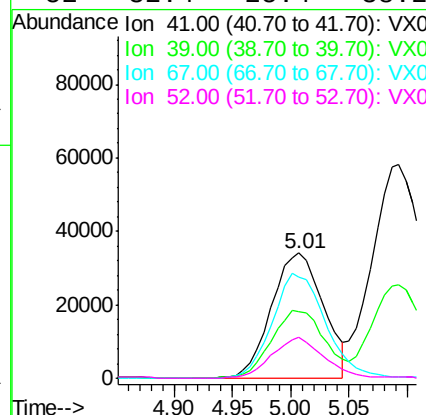
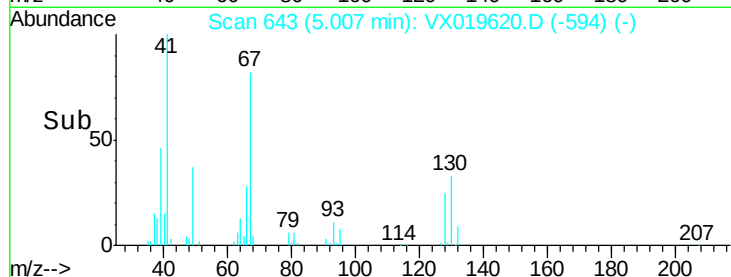
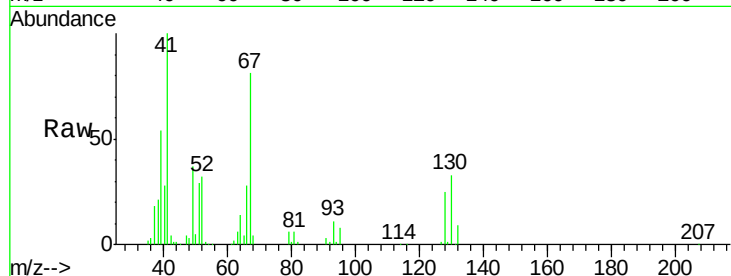
#41  
Methacrylonitrile  
Concen: 49.045 ug/l  
RT: 5.01 min Scan# 643  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 41      | 100  |       |      |       |       |
| 39      | 56.0 | 43.3  | 64.9 |       |       |
| 67      | 86.6 | 66.0  | 99.0 |       |       |
| 52      | 32.4 | 25.4  | 38.2 |       |       |

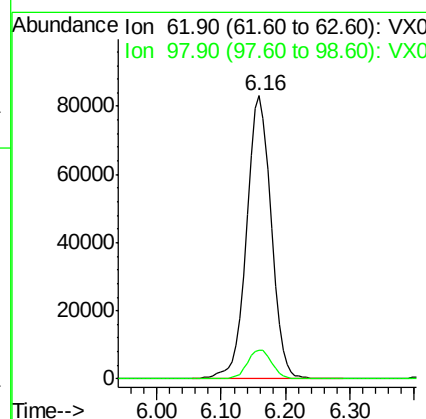
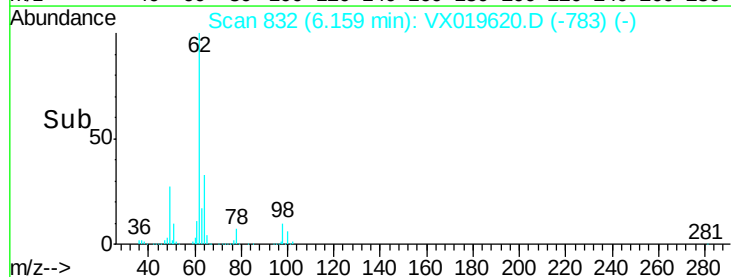
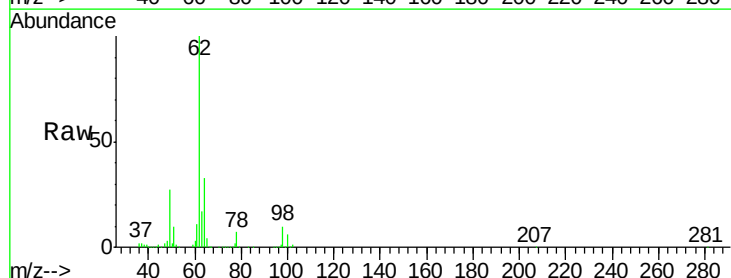
Manual Integrations  
APPROVED

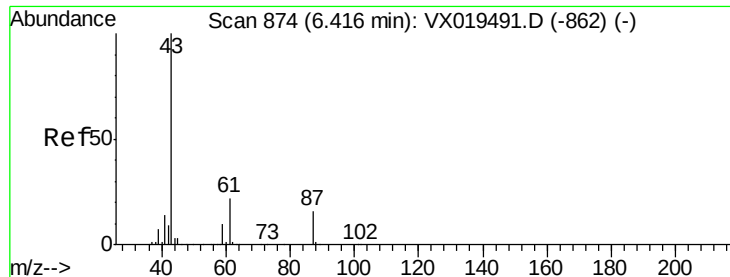
MMDadoda  
11/25/2020 9:54:32 AM



#42  
1,2-Dichloroethane  
Concen: 49.829 ug/l  
RT: 6.16 min Scan# 832  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 62      | 100  |       |      |       |       |
| 98      | 10.1 | 0.0   | 20.0 |       |       |





#43

Isopropyl Acetate

Concen: 50.329 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX019620.D

Acq: 24 Nov 2020 21:20

Instrument :

MSVOA\_X

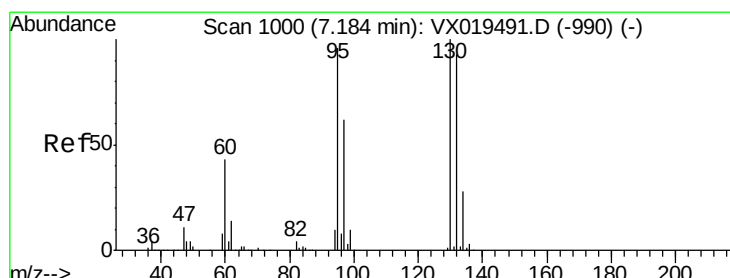
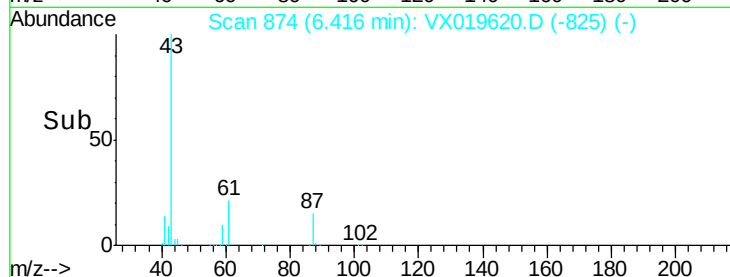
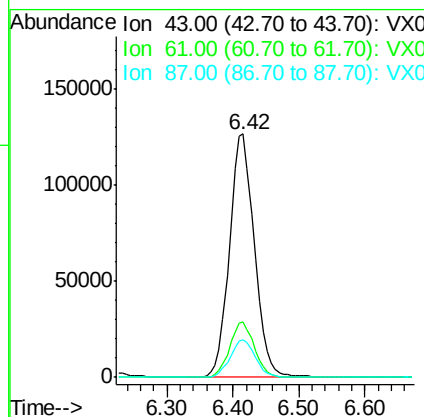
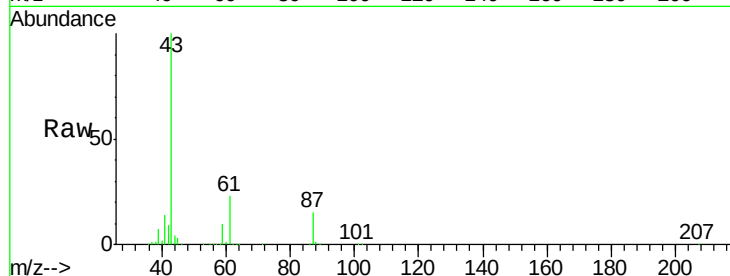
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 329185 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 22.7  | 18.2  | 27.2   |
| 87       | 15.7  | 12.6  | 18.8   |

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#44

Trichloroethene

Concen: 48.256 ug/l

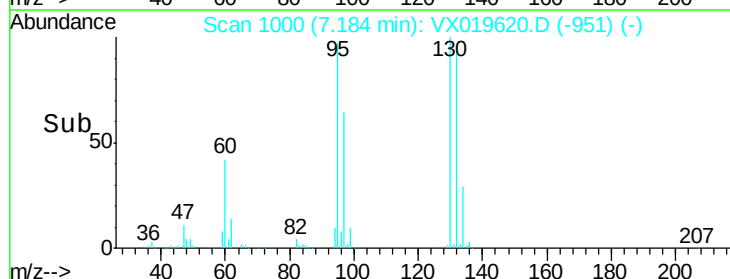
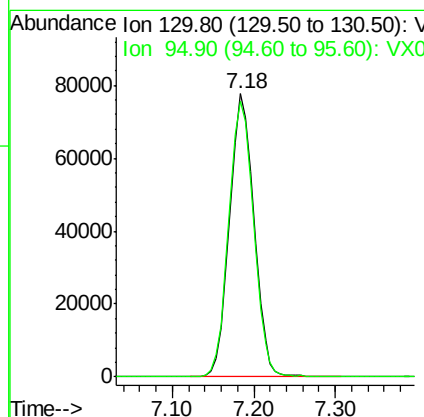
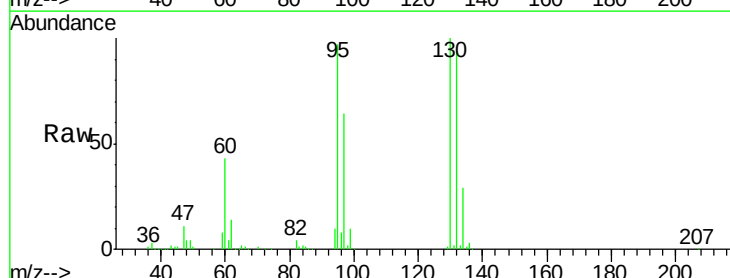
RT: 7.18 min Scan# 1000

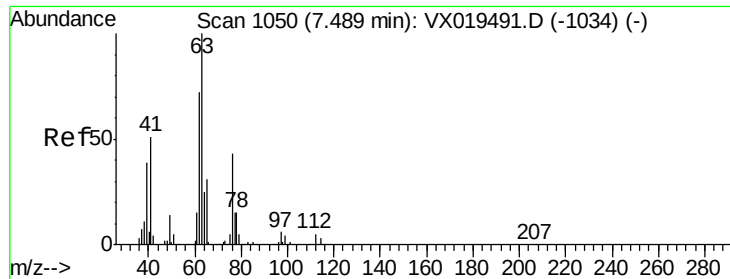
Delta R.T. -0.00 min

Lab File: VX019620.D

Acq: 24 Nov 2020 21:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 160964 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 97.5  | 0.0   | 191.2  |





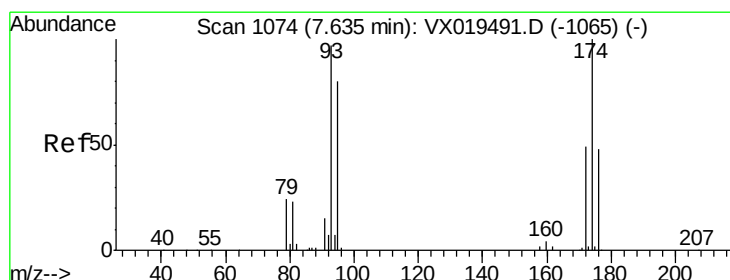
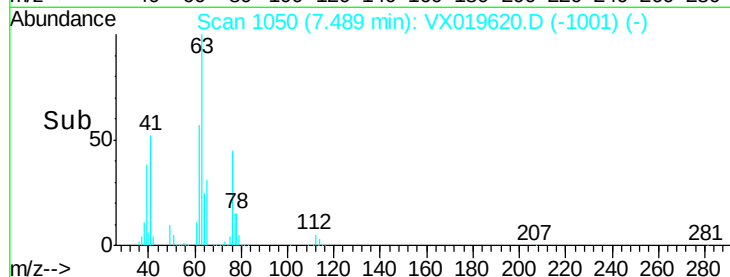
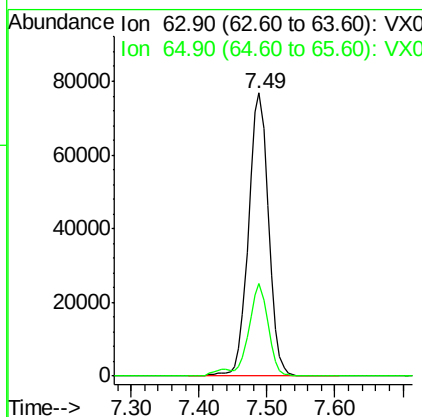
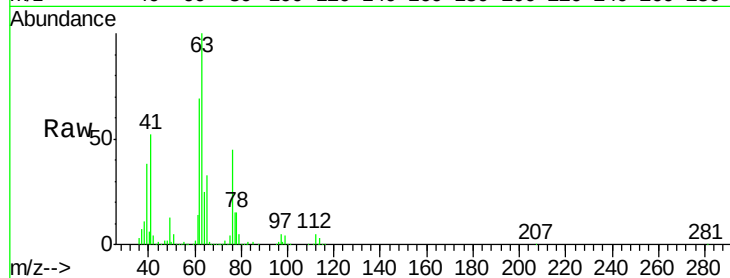
#45  
 1,2-Dichloropropane  
 Concen: 50.465 ug/l  
 RT: 7.49 min Scan# 1050  
 Delta R.T. -0.00 min  
 Lab File: VX019620.D  
 Acq: 24 Nov 2020 21:20

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 32.8  | 25.0  | 37.4  |

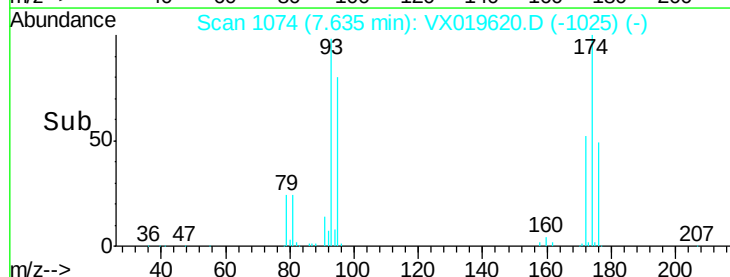
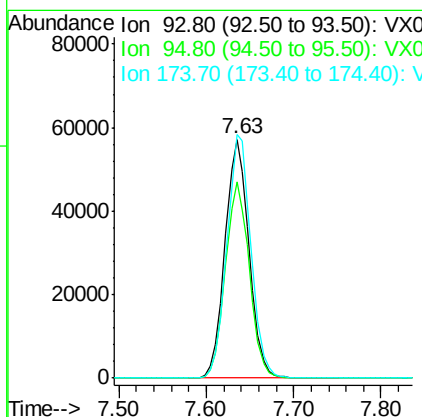
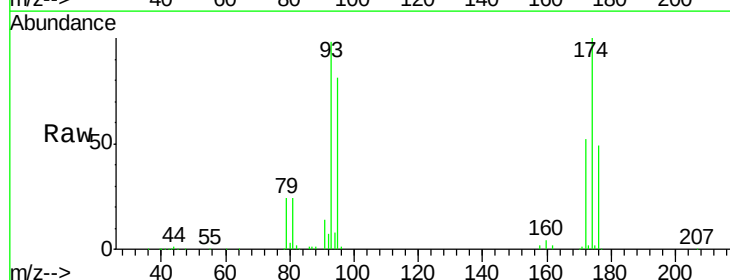
Manual Integrations  
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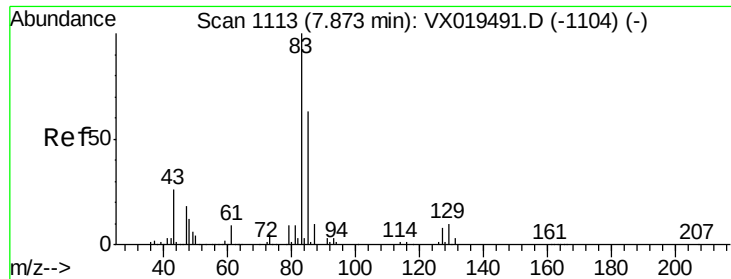
MMDadoda  
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#46  
 Dibromomethane  
 Concen: 50.646 ug/l  
 RT: 7.63 min Scan# 1074  
 Delta R.T. -0.00 min  
 Lab File: VX019620.D  
 Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 82.1  | 66.8  | 100.2 |
| 174     | 102.7 | 83.0  | 124.4 |





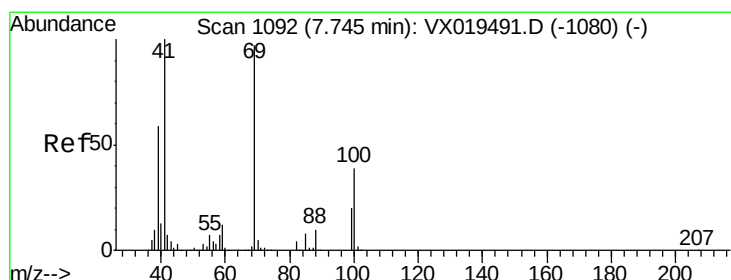
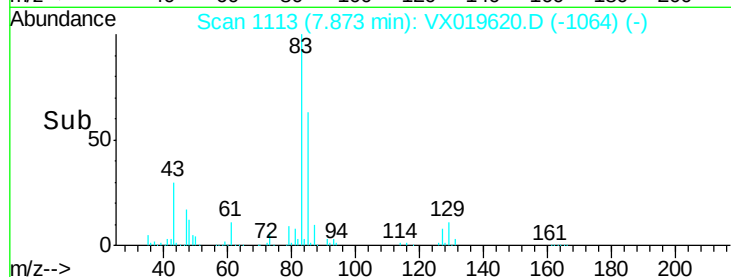
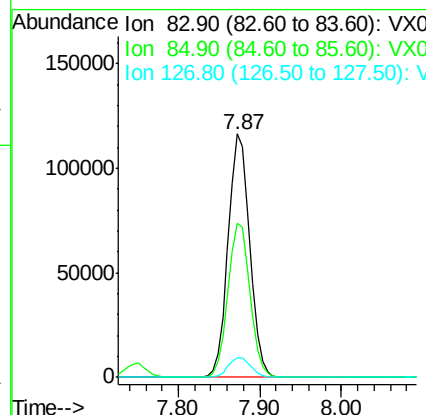
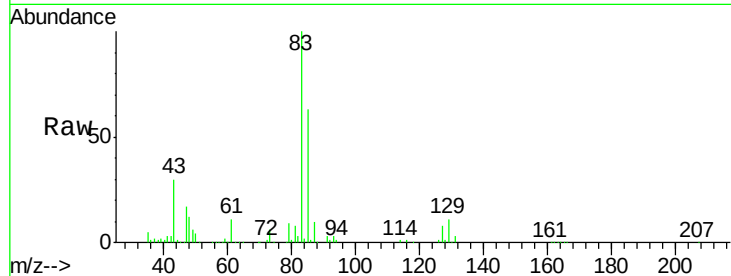
#47  
Bromodichloromethane  
Concen: 51.084 ug/l  
RT: 7.87 min Scan# 1113  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 212691 |       |       |
| 85      | 63.3  |        | 50.2  | 75.2  |
| 127     | 8.0   |        | 6.4   | 9.6   |

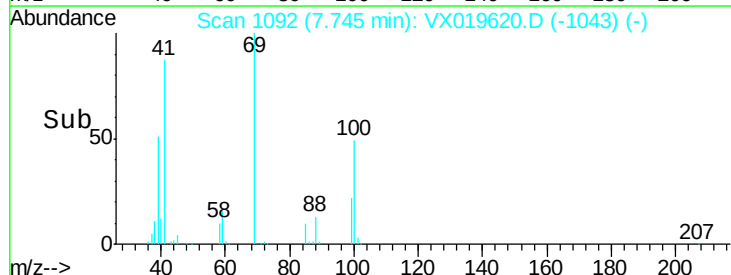
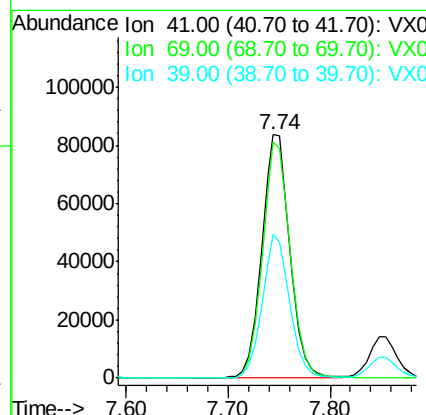
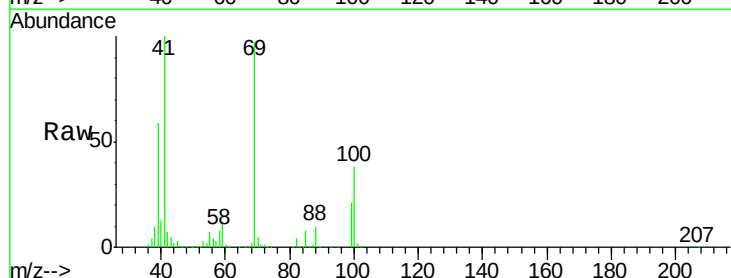
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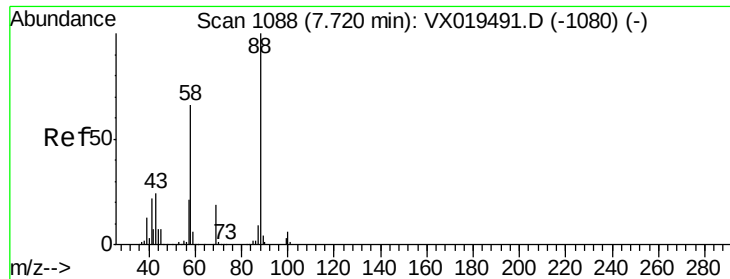
MMDadoda  
11/25/2020 9:54:32 AM



#48  
Methyl methacrylate  
Concen: 52.294 ug/l  
RT: 7.74 min Scan# 1092  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 41      | 100   | 160184 |       |       |
| 69      | 96.0  |        | 77.0  | 115.6 |
| 39      | 57.5  |        | 45.6  | 68.4  |





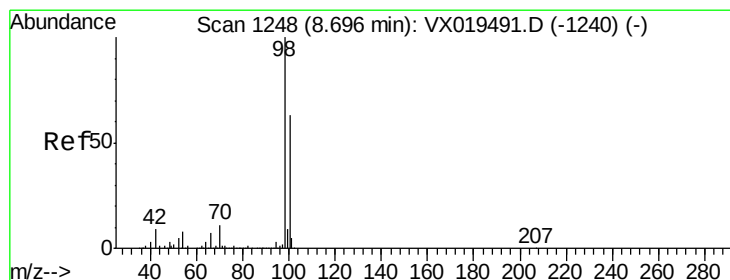
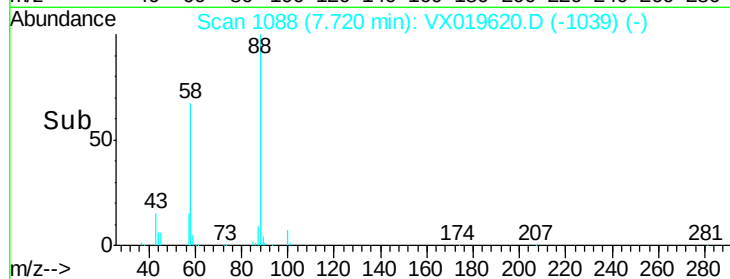
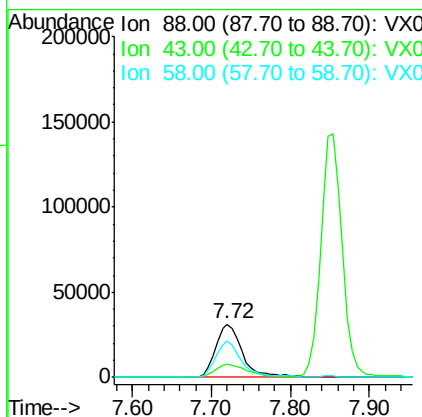
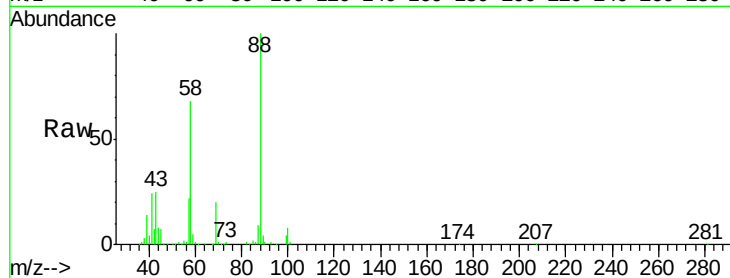
#49  
1,4-Dioxane  
Concen: 1061.495 ug/l  
RT: 7.72 min Scan# 1088  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 28.6  | 23.8  | 35.6  |
| 58      | 66.5  | 54.2  | 81.2  |

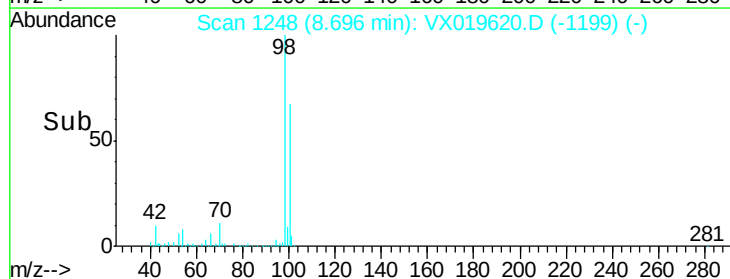
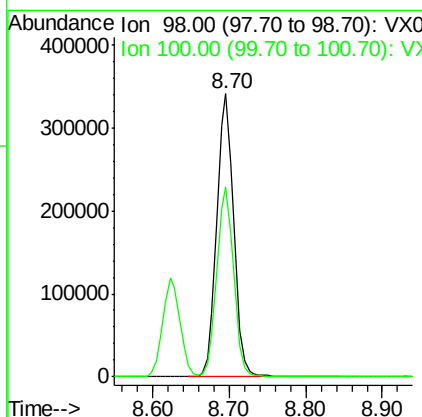
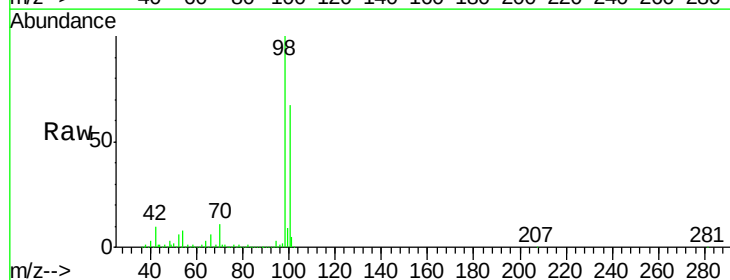
Manual Integrations  
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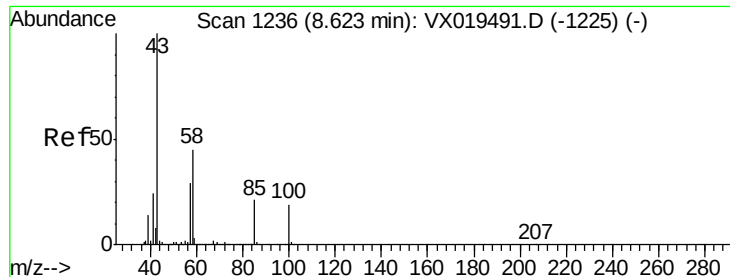
MMDadoda  
11/25/2020 9:54:32 AM



#50  
Toluene-d8  
Concen: 48.439 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 67.1  | 52.4  | 78.6  |





#51

4-Methyl-2-Pentanone

Concen: 259.259 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019620.D

Acq: 24 Nov 2020 21:20

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 988827

Ion Ratio Lower Upper

43 100

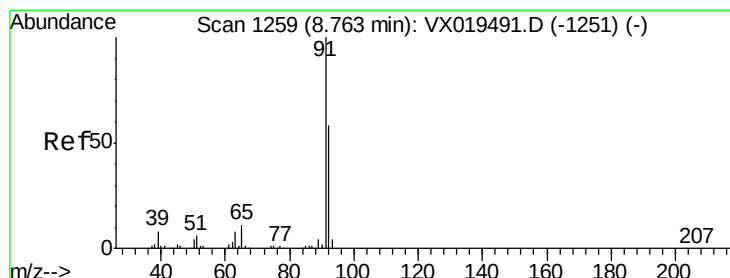
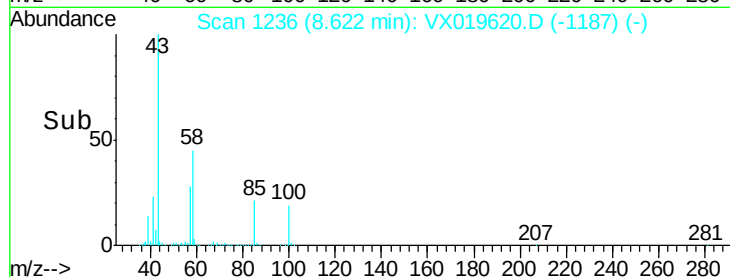
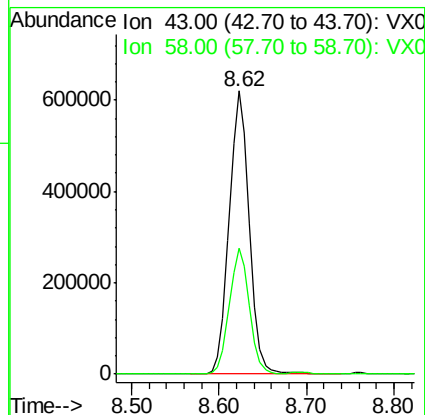
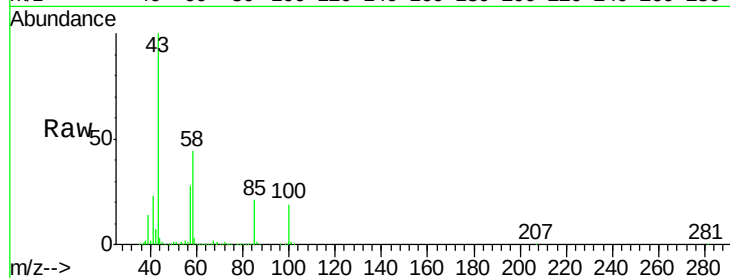
58 44.1 35.1 52.7

Manual Integrations

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11/25/2020 9:54:32 AM



#52

Toluene

Concen: 50.250 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019620.D

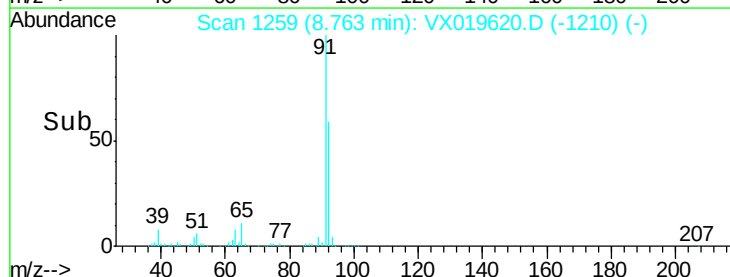
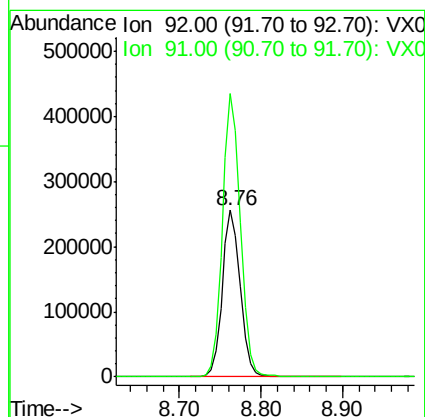
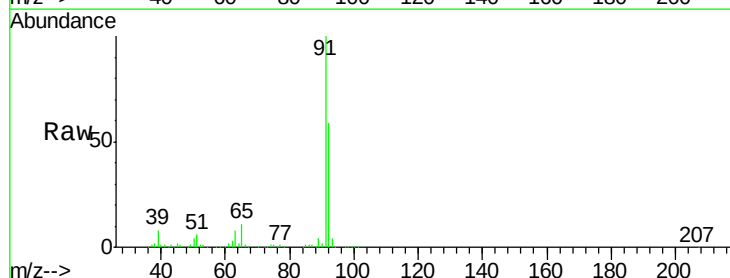
Acq: 24 Nov 2020 21:20

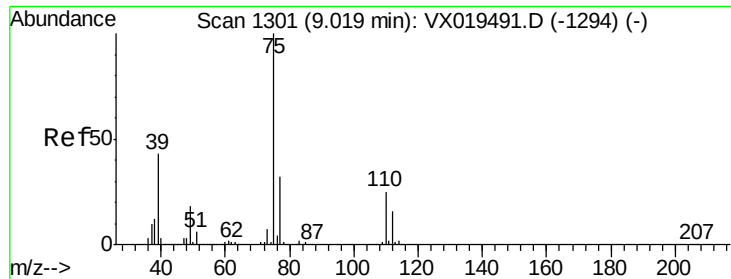
Tgt Ion: 92 Resp: 391461

Ion Ratio Lower Upper

92 100

91 170.6 138.1 207.1





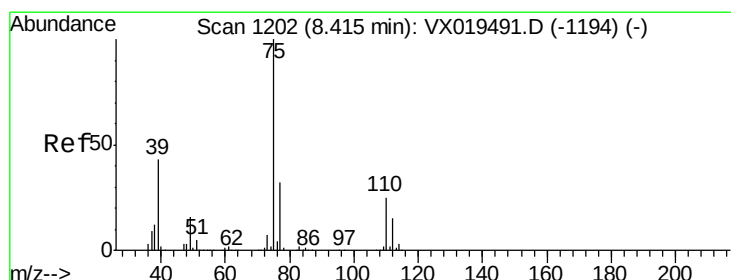
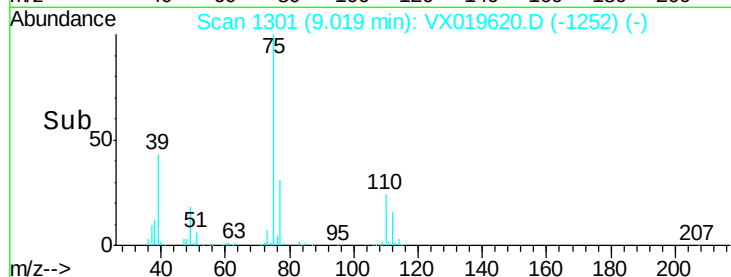
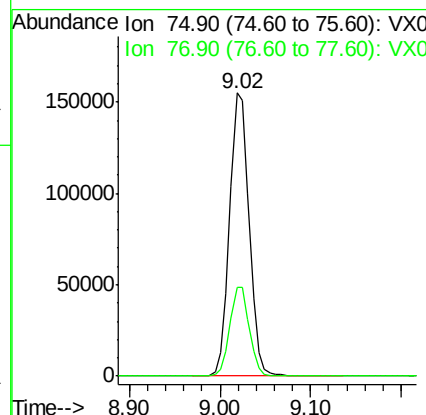
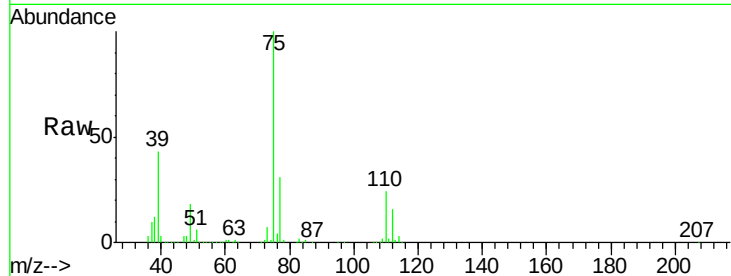
#53  
t-1,3-Dichloropropene  
Concen: 51.602 ug/l  
RT: 9.02 min Scan# 1301  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.3  | 25.3  | 37.9  |

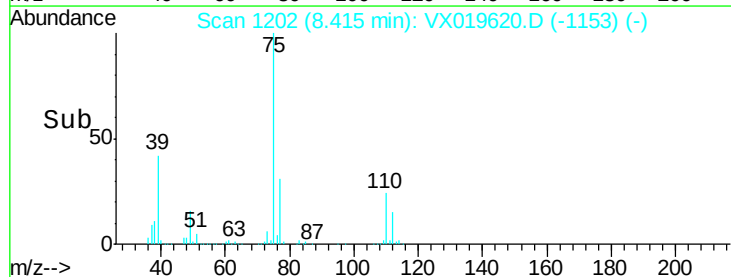
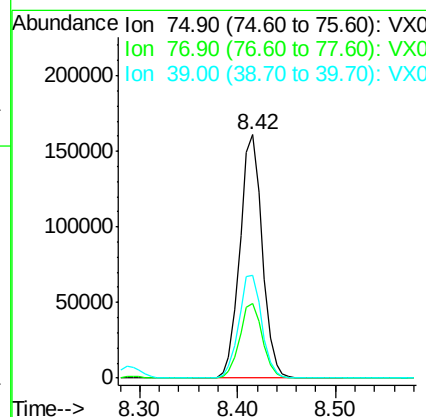
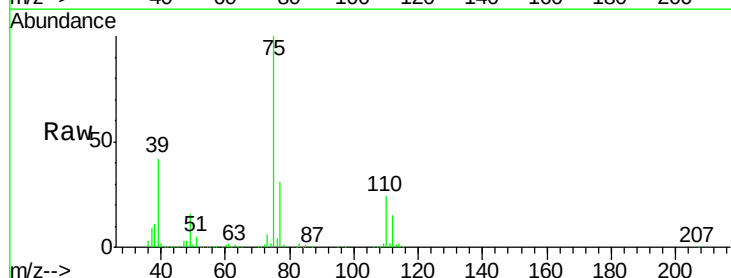
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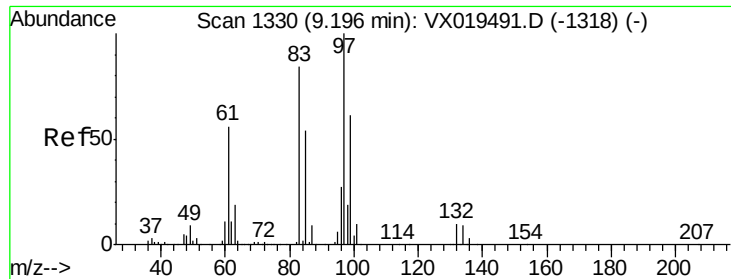


#54  
cis-1,3-Dichloropropene  
Concen: 51.259 ug/l  
RT: 8.42 min Scan# 1202  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.7  | 25.8  | 38.6  |
| 39      | 42.1  | 34.6  | 51.8  |







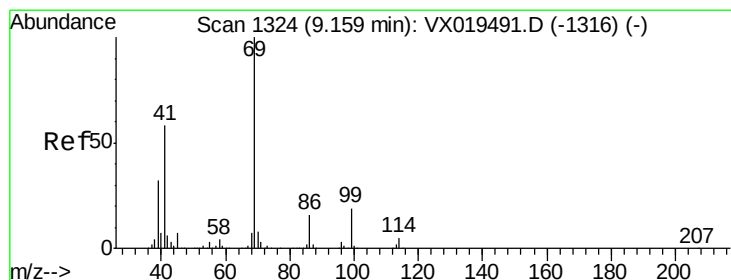
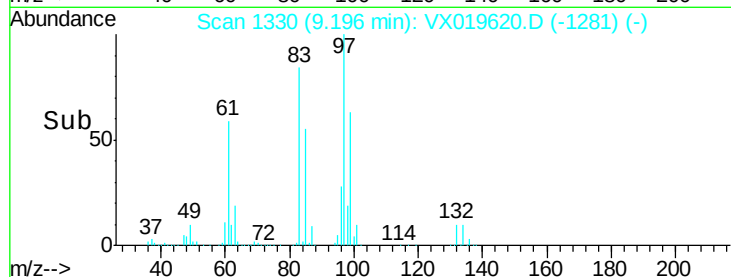
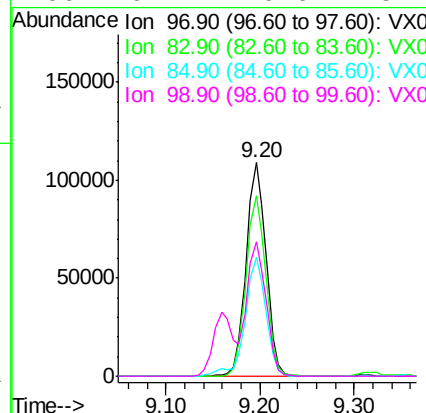
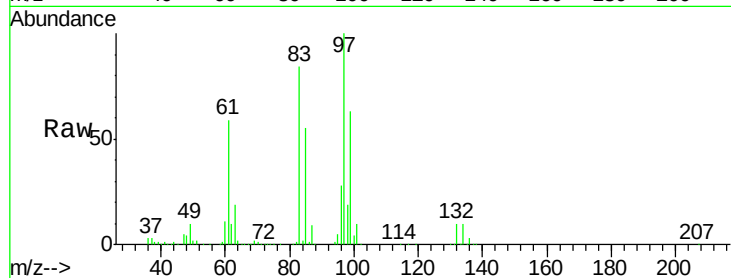
#55  
 1,1,2-Trichloroethane  
 Concen: 50.767 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. -0.00 min  
 Lab File: VX019620.D  
 Acq: 24 Nov 2020 21:20

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 161065 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 84.3  | 67.0  | 100.6  |
| 85       | 55.5  | 43.4  | 65.0   |
| 99       | 62.7  | 49.0  | 73.4   |

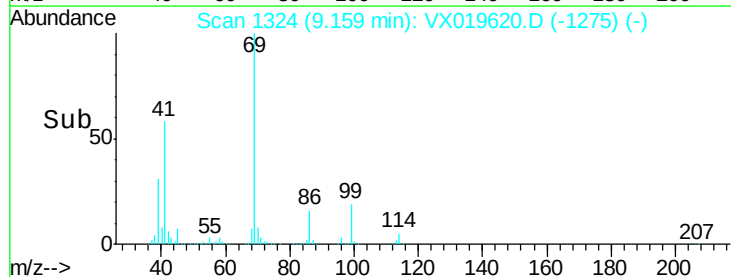
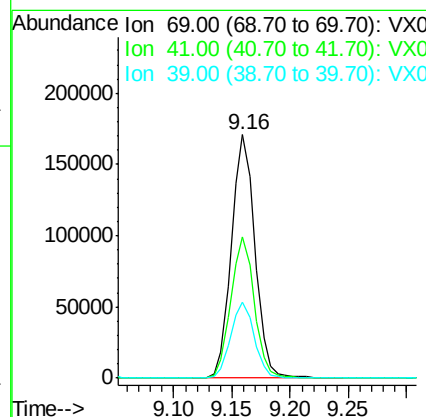
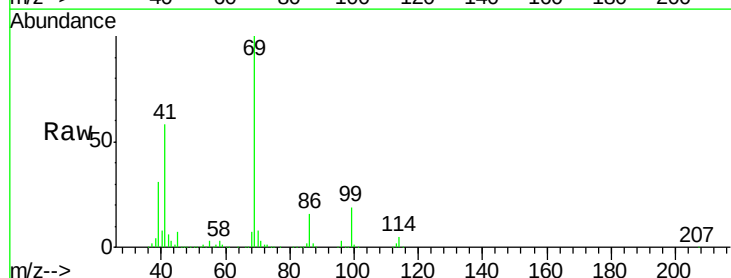
Manual Integrations  
 APPROVED

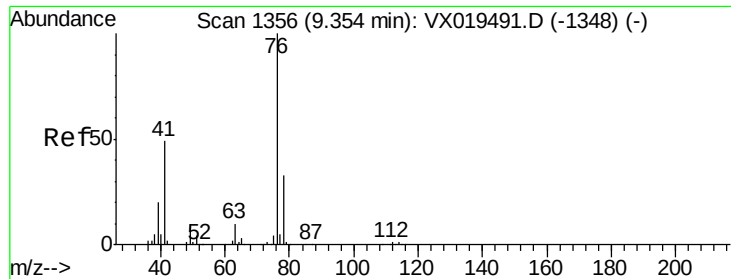
MMDadoda  
 11/25/2020 9:54:32 AM



#56  
 Ethyl methacrylate  
 Concen: 53.469 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VX019620.D  
 Acq: 24 Nov 2020 21:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 240041 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 57.9  | 46.2  | 69.2   |
| 39       | 31.4  | 25.5  | 38.3   |





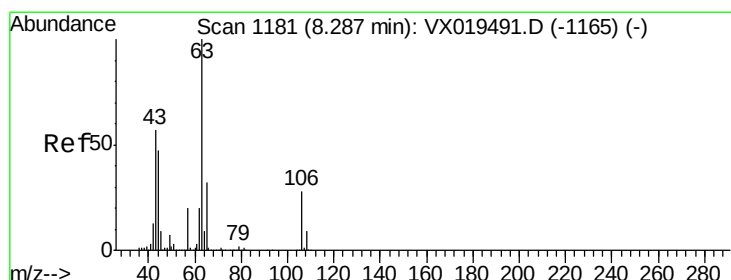
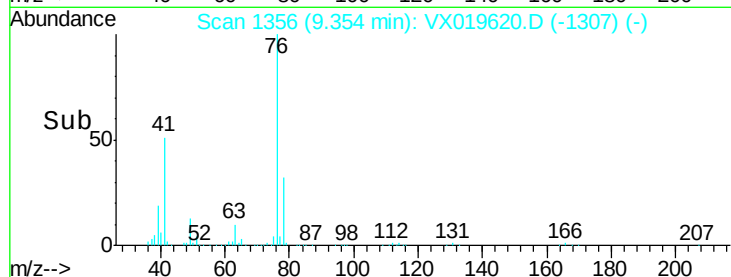
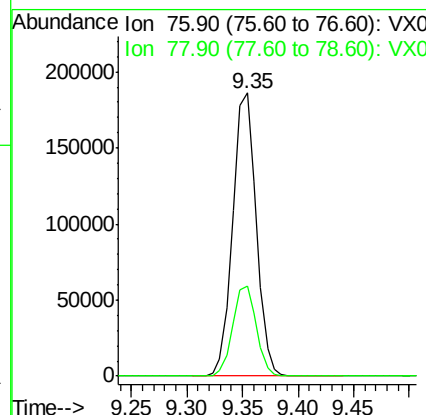
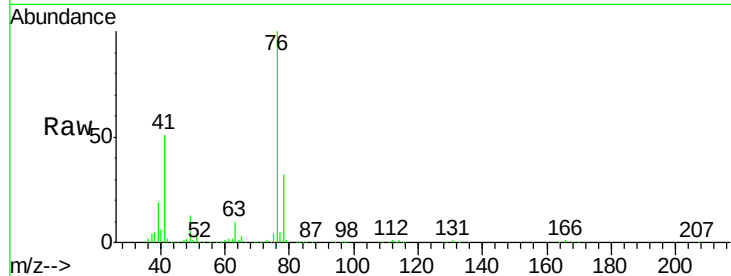
#57  
 1,3-Dichloropropane  
 Concen: 51.324 ug/l  
 RT: 9.35 min Scan# 1356  
 Delta R.T. -0.00 min  
 Lab File: VX019620.D  
 Acq: 24 Nov 2020 21:20

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.1  | 25.7  | 38.5  |

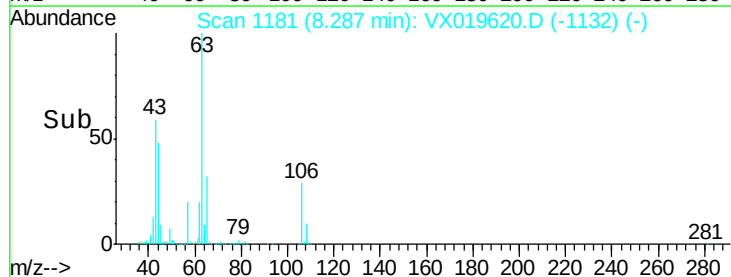
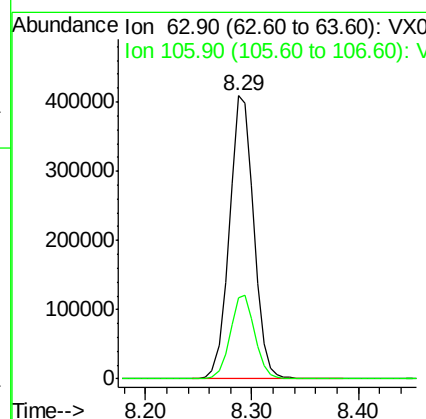
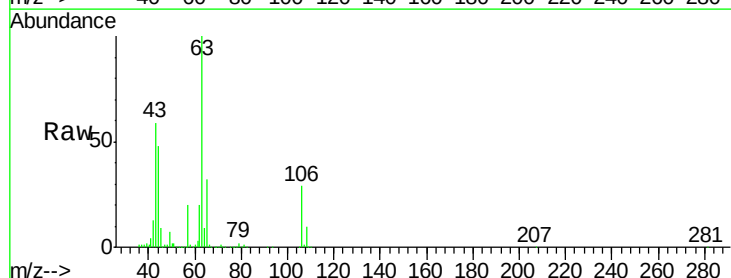
Manual Integrations  
 APPROVED

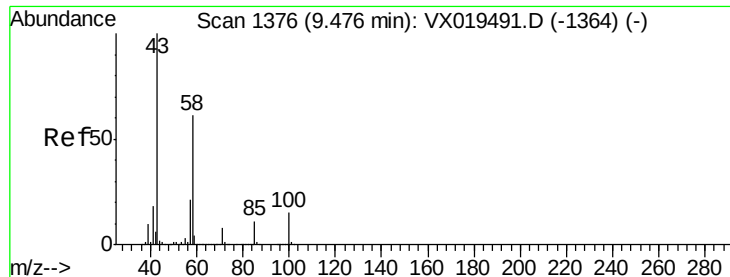
MMDadoda  
 11/25/2020 9:54:32 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 248.958 ug/l  
 RT: 8.29 min Scan# 1181  
 Delta R.T. -0.00 min  
 Lab File: VX019620.D  
 Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 29.8  | 23.7  | 35.5  |





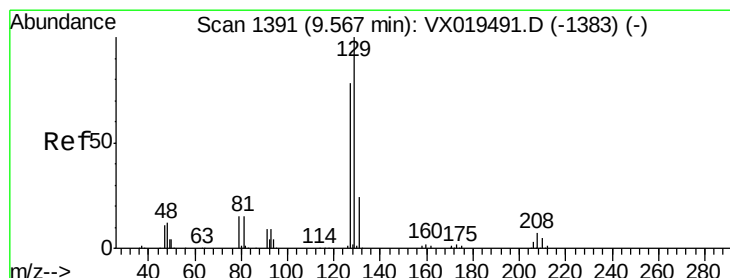
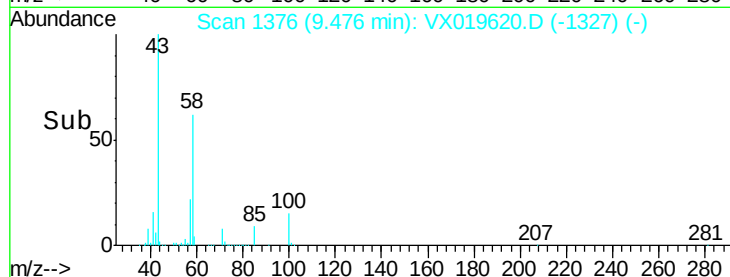
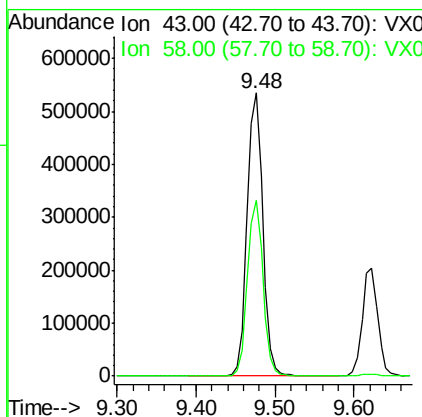
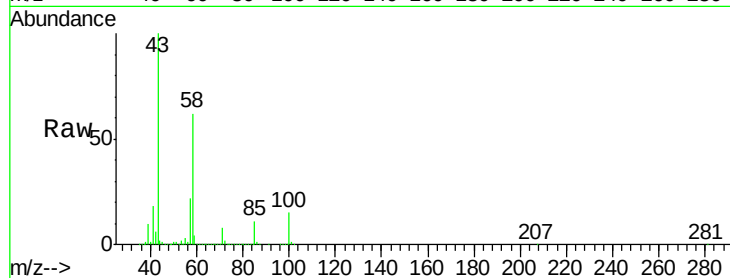
#59  
2-Hexanone  
Concen: 256.039 ug/l  
RT: 9.48 min Scan# 1376  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 61.7  | 30.6  | 91.6  |

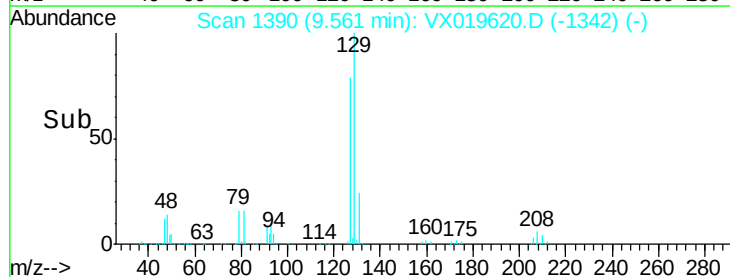
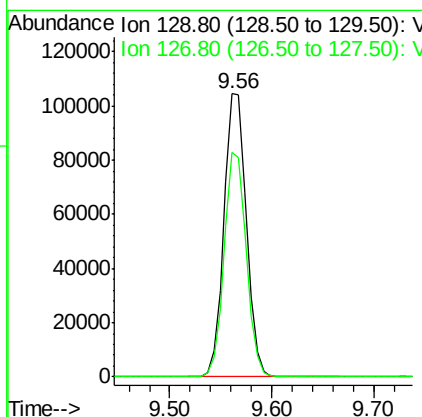
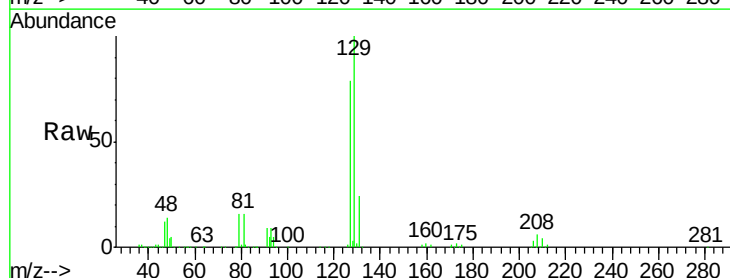
Manual Integrations  
APPROVED

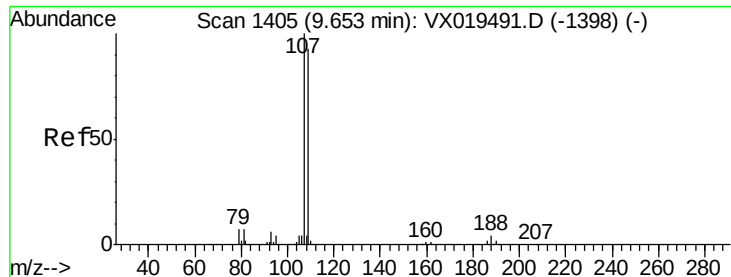
MMDadoda  
11/25/2020 9:54:32 AM



#60  
Dibromochloromethane  
Concen: 51.239 ug/l  
RT: 9.56 min Scan# 1390  
Delta R.T. -0.01 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 78.2  | 39.0  | 116.9 |





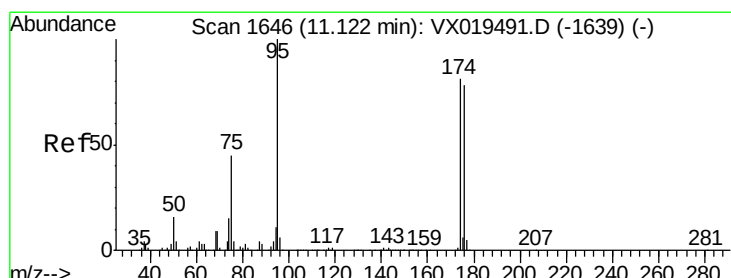
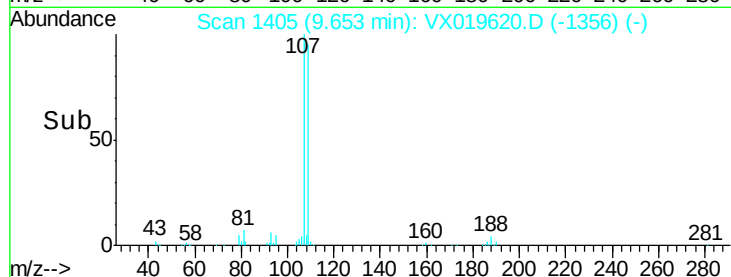
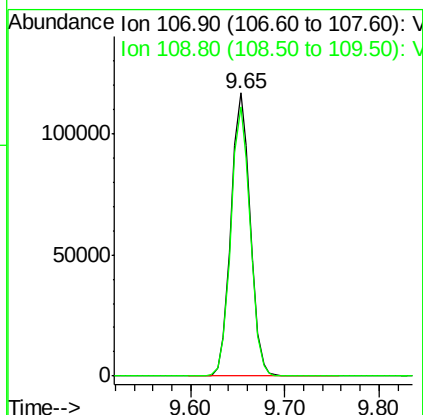
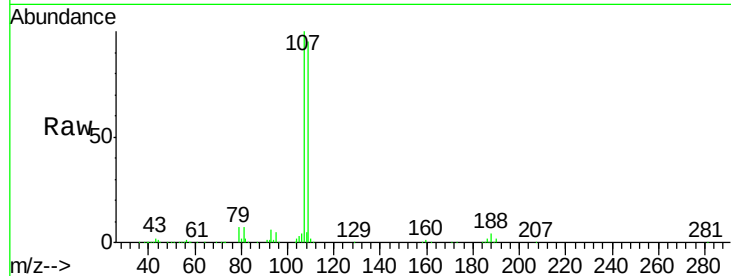
#61  
 1,2-Dibromoethane  
 Concen: 50.532 ug/l  
 RT: 9.65 min Scan# 1405  
 Delta R.T. -0.00 min  
 Lab File: VX019620.D  
 Acq: 24 Nov 2020 21:20

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 95.4  | 74.8  | 112.2 |

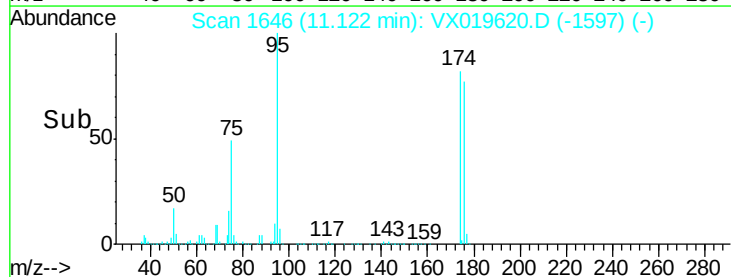
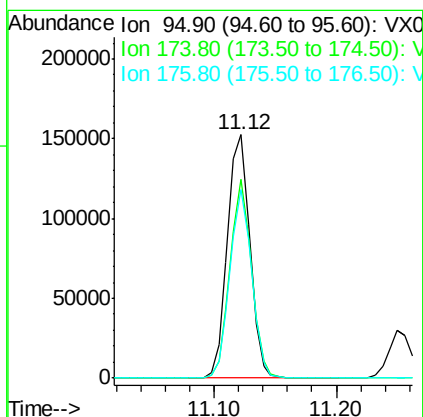
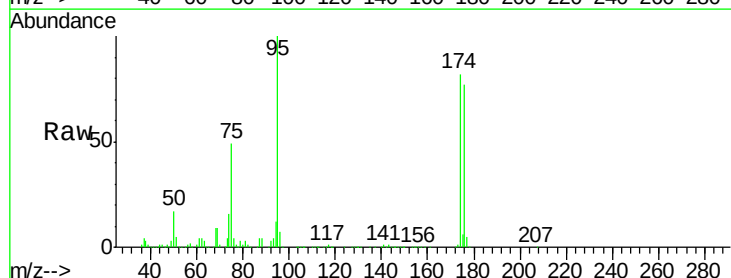
Manual Integrations  
 APPROVED

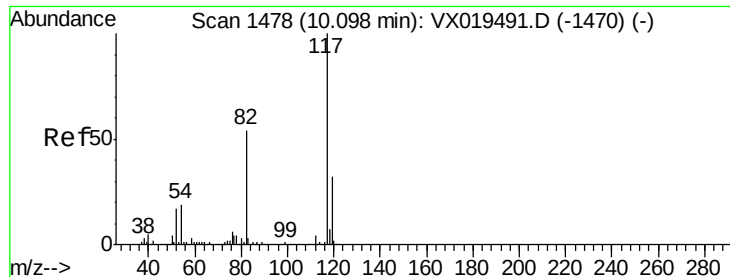
MMDadoda  
 11/25/2020 9:54:32 AM



#62  
 4-Bromofluorobenzene  
 Concen: 49.958 ug/l  
 RT: 11.12 min Scan# 1646  
 Delta R.T. -0.00 min  
 Lab File: VX019620.D  
 Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 77.9  | 0.0   | 156.2 |
| 176     | 74.8  | 0.0   | 151.4 |





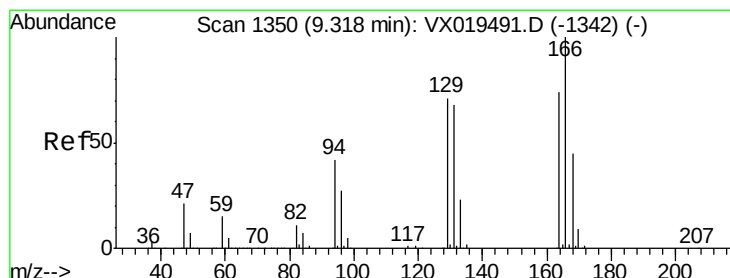
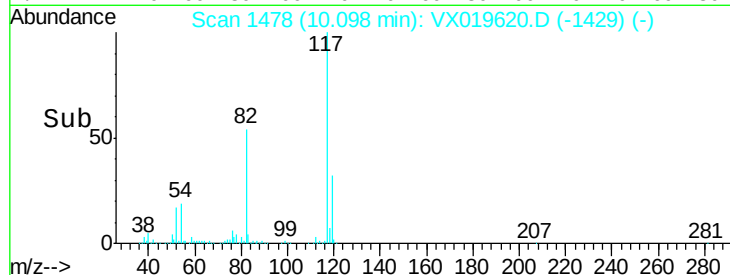
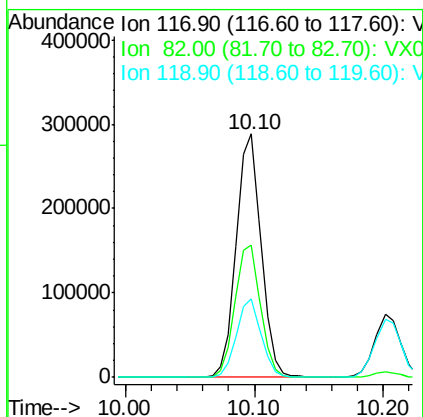
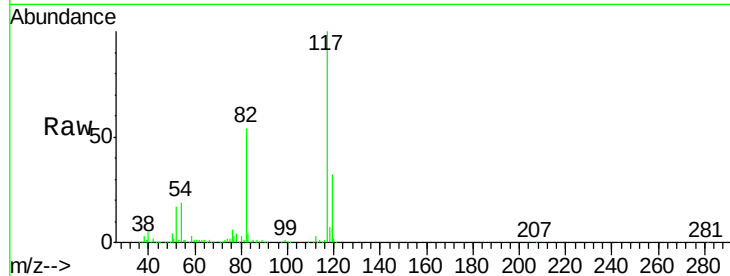
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 389681 |       |       |
| 82      | 54.1  |        | 43.0  | 64.4  |
| 119     | 32.5  |        | 25.6  | 38.4  |

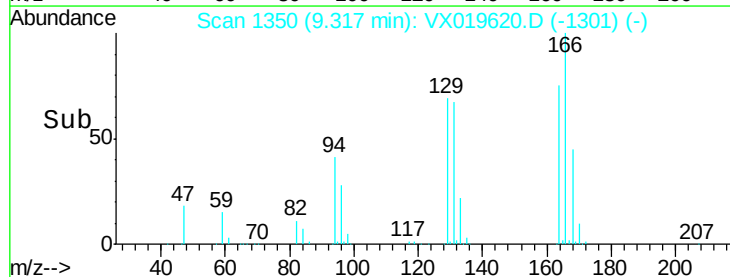
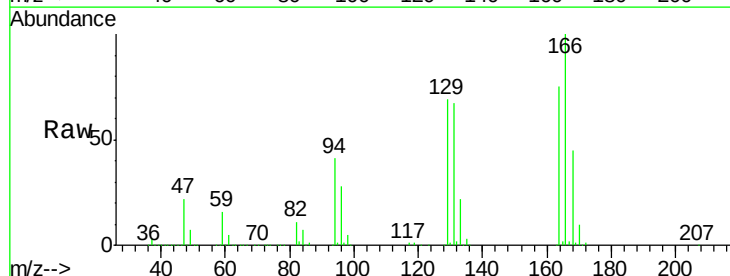
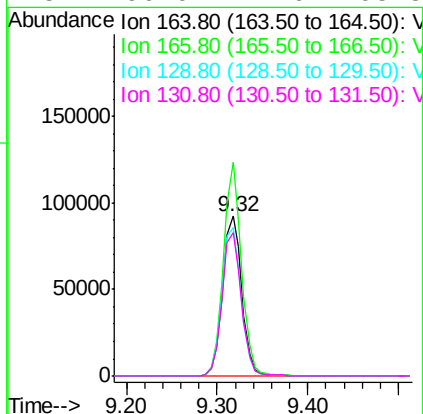
Manual Integrations  
APPROVED

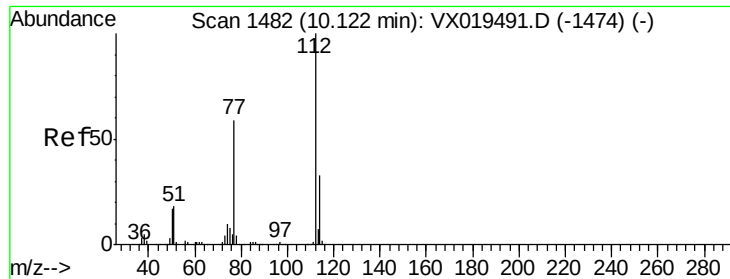
MMDadoda  
11/25/2020 9:54:32 AM



#64  
Tetrachloroethene  
Concen: 44.213 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 135428 |       |       |
| 166     | 133.6 |        | 107.4 | 161.0 |
| 129     | 92.6  |        | 76.6  | 114.8 |
| 131     | 90.0  |        | 72.6  | 108.8 |





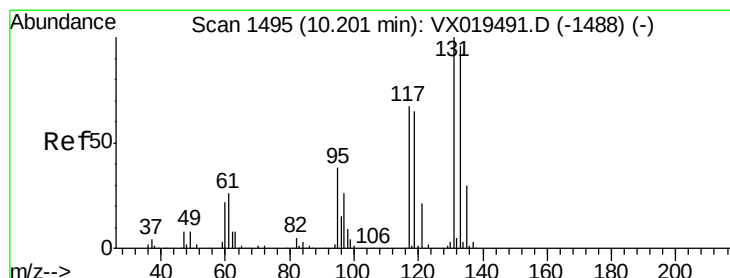
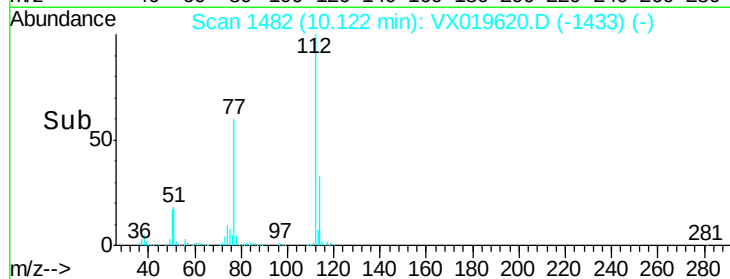
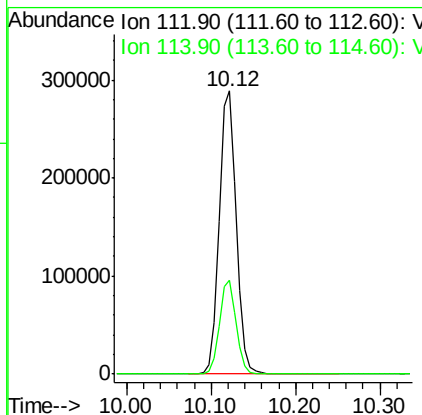
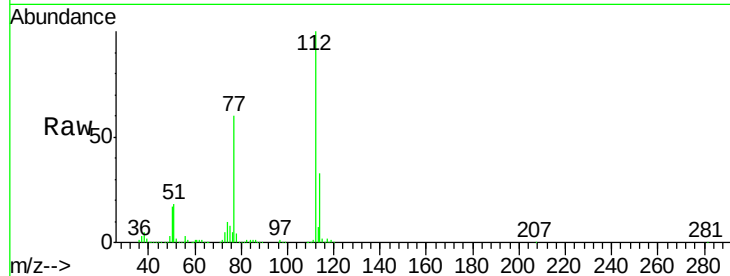
#65  
Chlorobenzene  
Concen: 50.505 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 33.1  | 26.0  | 39.0  |

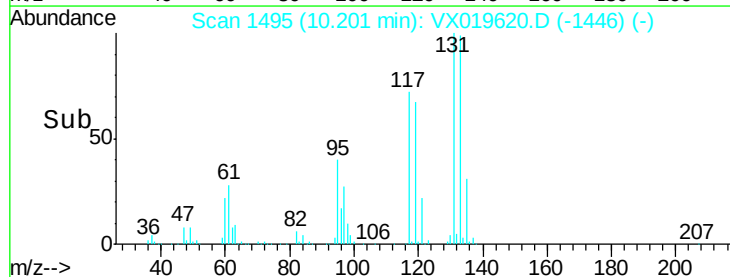
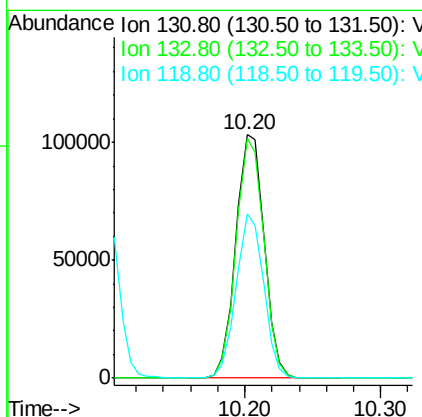
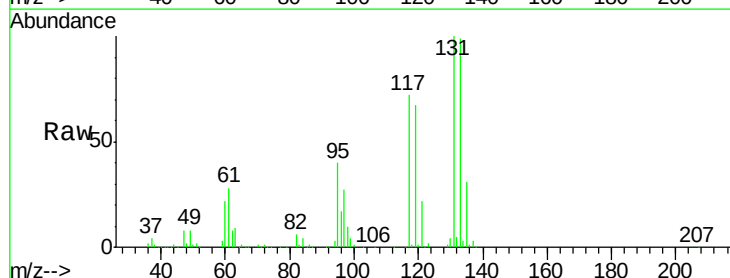
Manual Integrations  
APPROVED

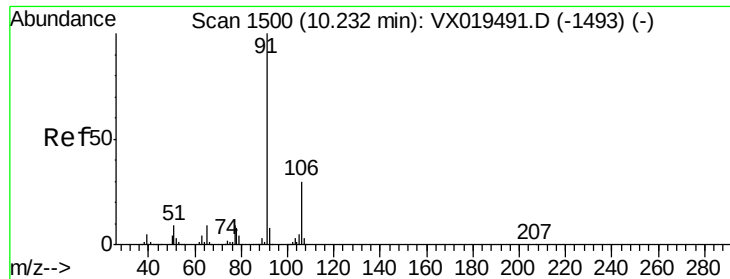
MMDadoda  
11/25/2020 9:54:32 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.486 ug/l  
RT: 10.20 min Scan# 1495  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 97.1  | 48.5  | 145.5 |
| 119     | 65.6  | 33.0  | 99.0  |





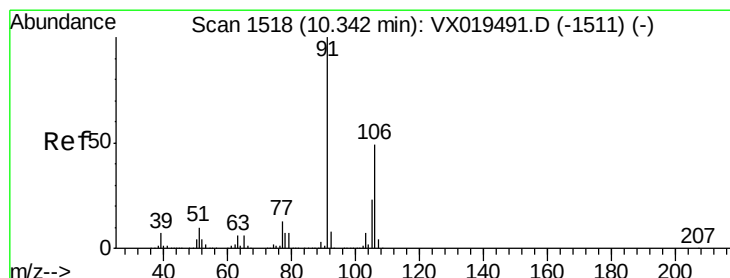
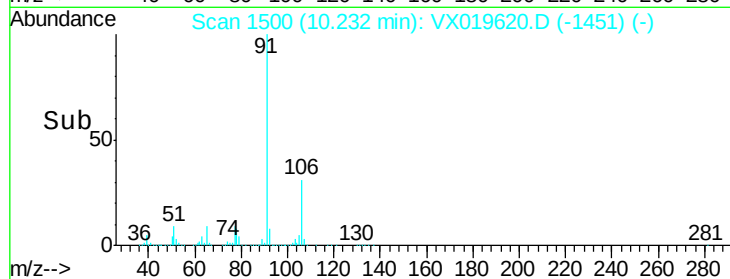
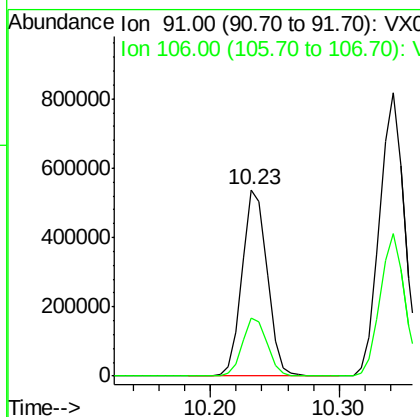
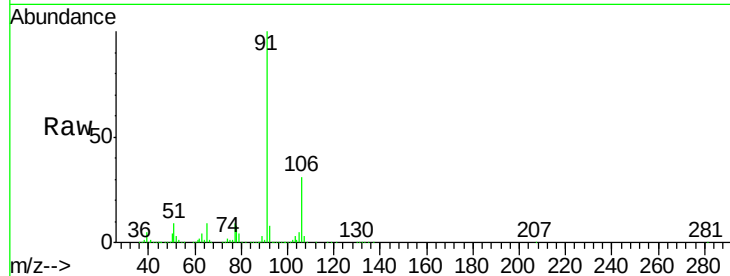
#67  
Ethyl Benzene  
Concen: 51.557 ug/l  
RT: 10.23 min Scan# 1500  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 31.0  | 24.0  | 36.0  |

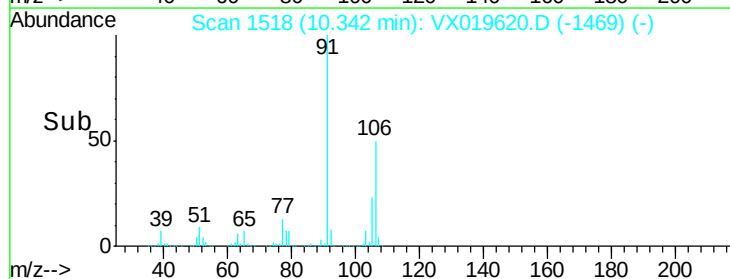
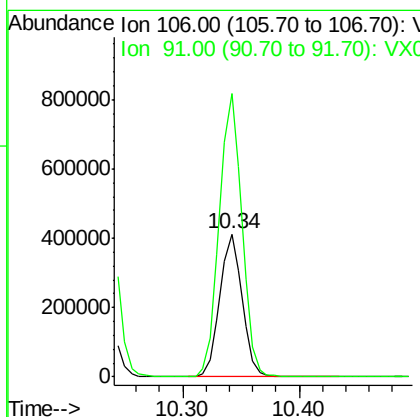
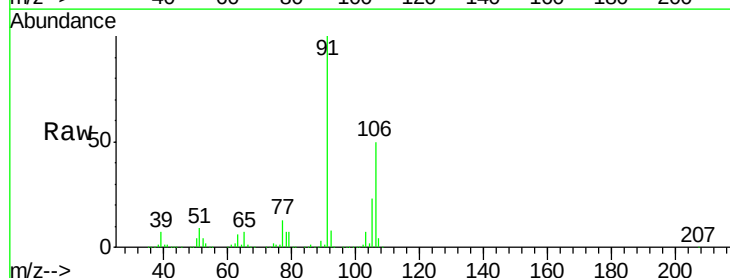
Manual Integrations  
APPROVED

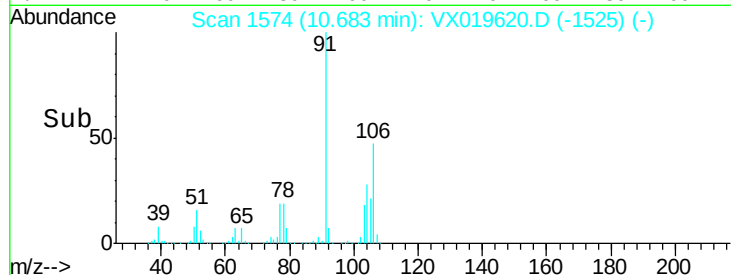
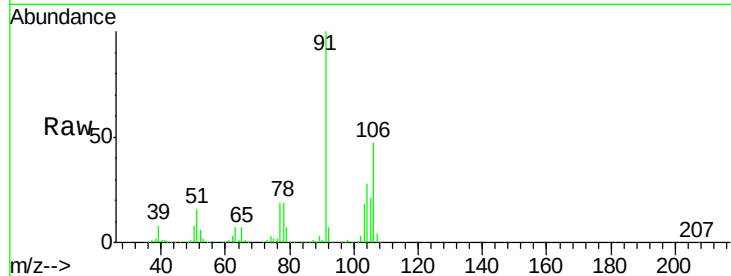
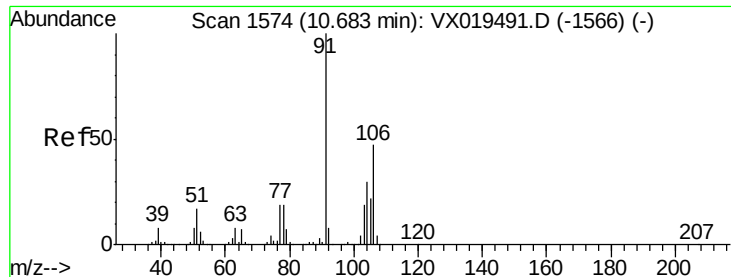
MMDadoda  
11/25/2020 9:54:32 AM



#68  
m/p-Xylenes  
Concen: 104.186 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 201.4 | 163.3 | 244.9 |





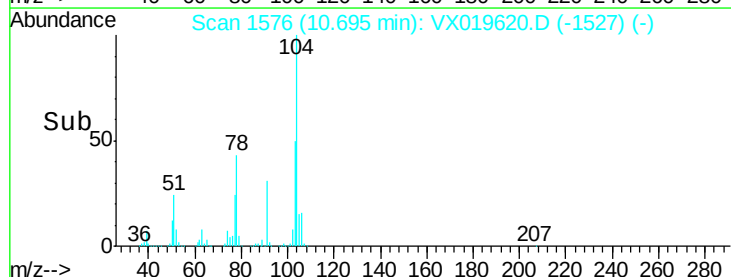
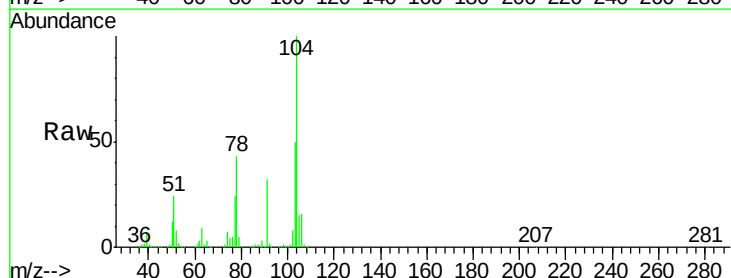
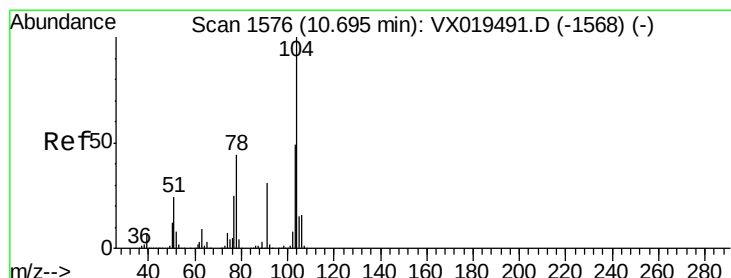
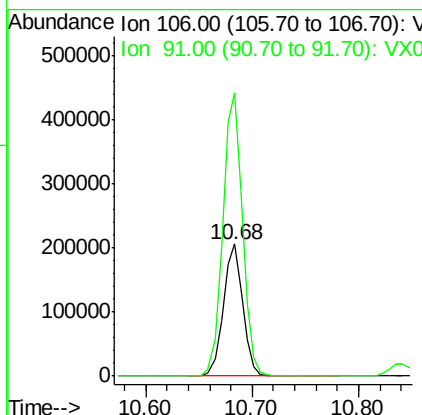
#69  
o-Xylene  
Concen: 52.175 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 106     | 100   | 260807 |       |       |
| 91      | 217.5 | 108.0  | 324.0 |       |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

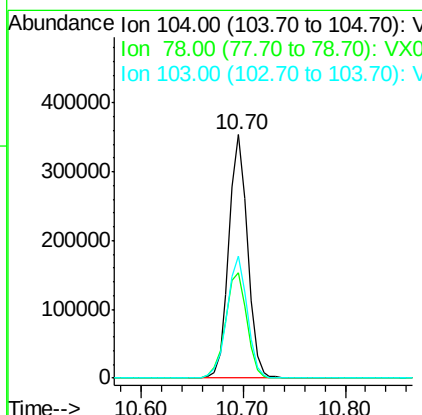
Manual Integrations  
APPROVED

MMDadoda  
11/25/2020 9:54:32 AM

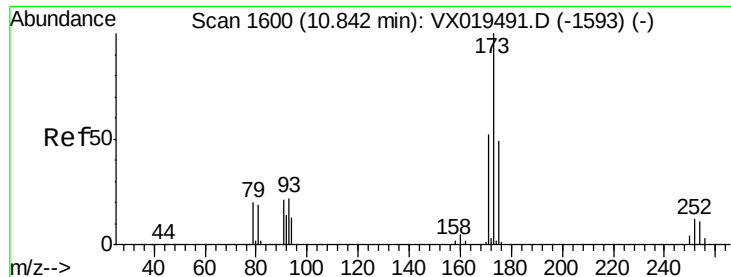


#70  
Styrene  
Concen: 48.255 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. 0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 104     | 100   | 445952 |       |       |
| 78      | 49.7  | 39.5   | 59.3  |       |
| 103     | 54.7  | 43.6   | 65.4  |       |







#71

Bromoform

Concen: 46.623 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019620.D

Acq: 24 Nov 2020 21:20

Instrument :

MSVOA\_X

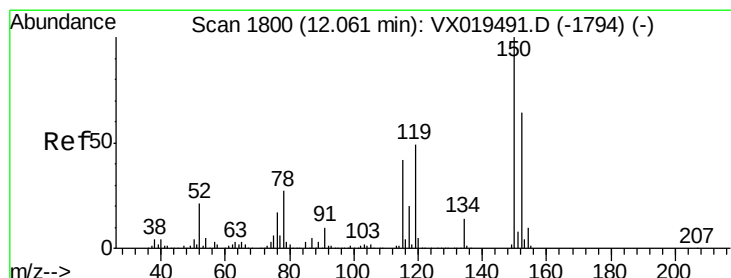
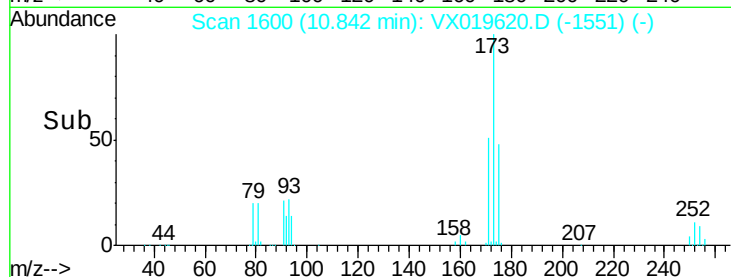
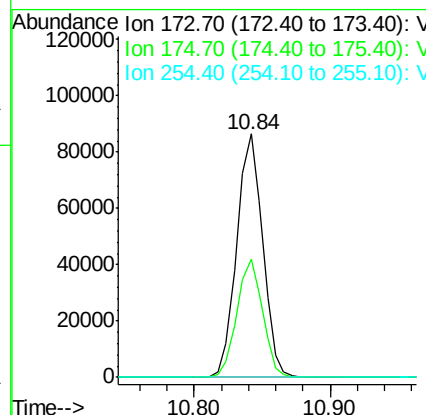
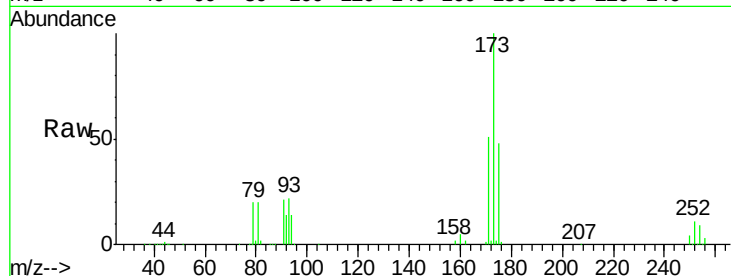
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 173   | Resp: | 114451 |
| Ion Ratio | Lower | Upper |        |
| 173       | 100   |       |        |
| 175       | 48.2  | 24.9  | 74.8   |
| 254       | 0.1   | 0.1   | 0.1    |

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

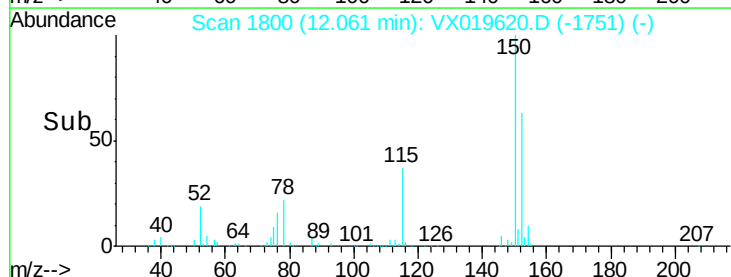
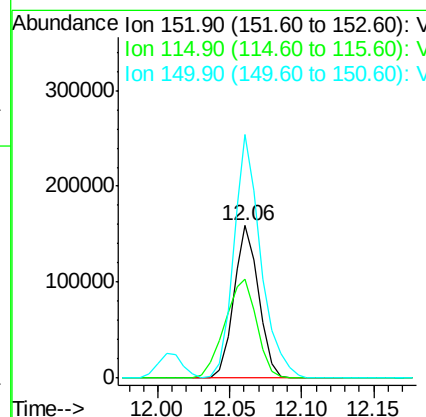
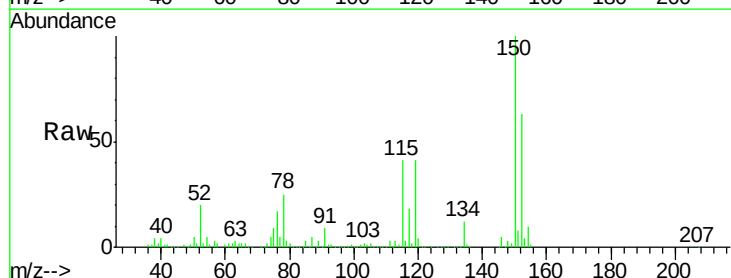
RT: 12.06 min Scan# 1800

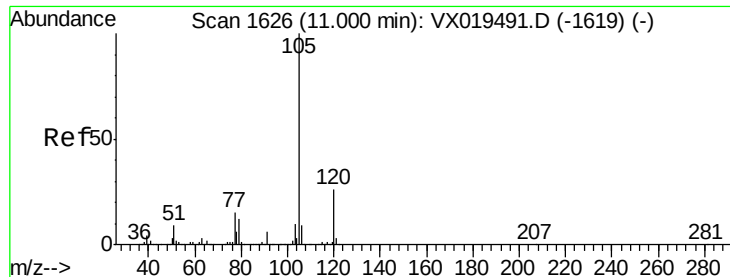
Delta R.T. -0.00 min

Lab File: VX019620.D

Acq: 24 Nov 2020 21:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 191842 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 83.3  | 41.8  | 125.4  |
| 150       | 173.3 | 0.0   | 348.2  |





#73

Isopropylbenzene

Concen: 51.535 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019620.D

Acq: 24 Nov 2020 21:20

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 683933

Ion Ratio Lower Upper

105 100

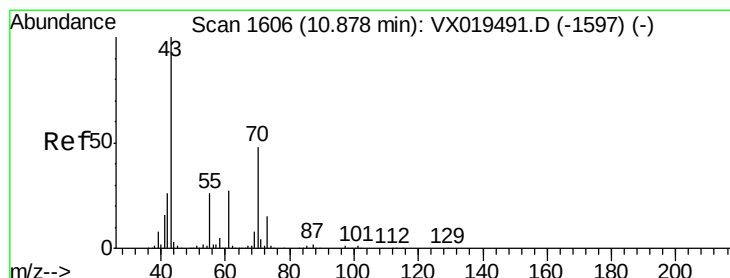
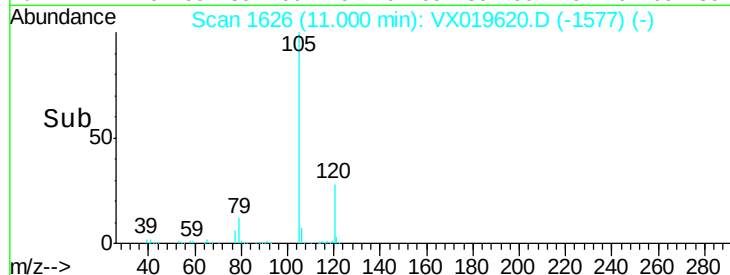
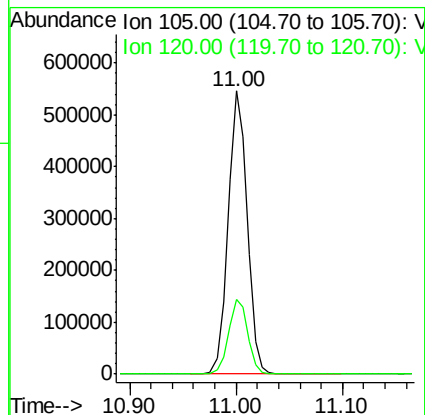
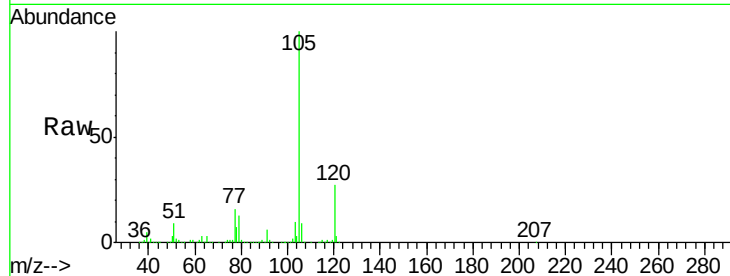
120 26.5 13.0 39.0

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#74

N-ethyl acetate

Concen: 56.296 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019620.D

Acq: 24 Nov 2020 21:20

Tgt Ion: 43 Resp: 279954

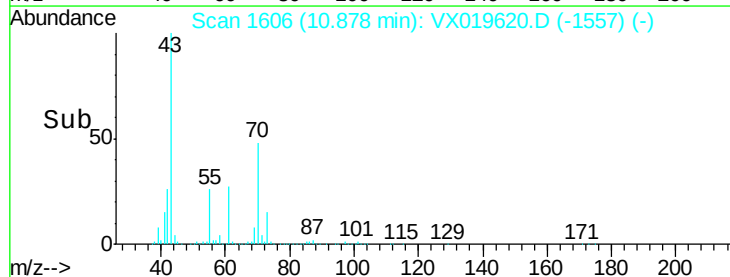
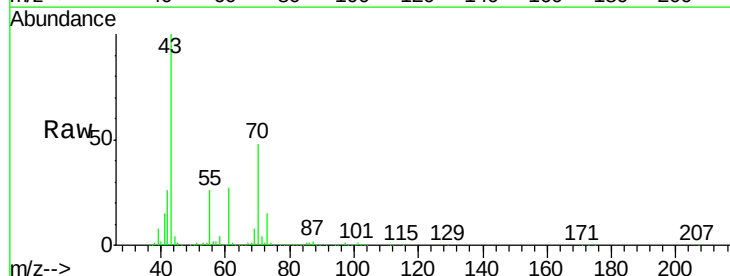
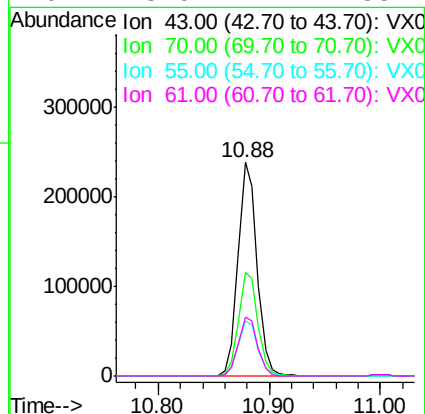
Ion Ratio Lower Upper

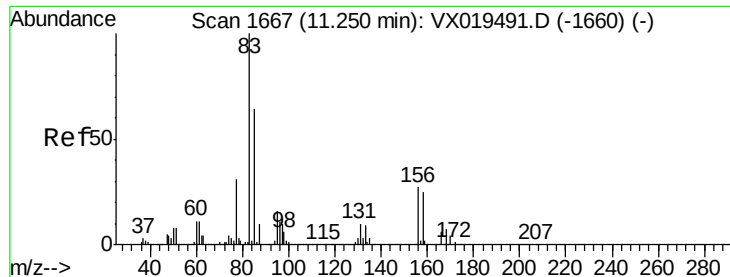
43 100

70 49.4 39.7 59.5

55 26.8 21.8 32.6

61 28.0 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.024 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019620.D

Acq: 24 Nov 2020 21:20

Instrument :

MSVOA\_X

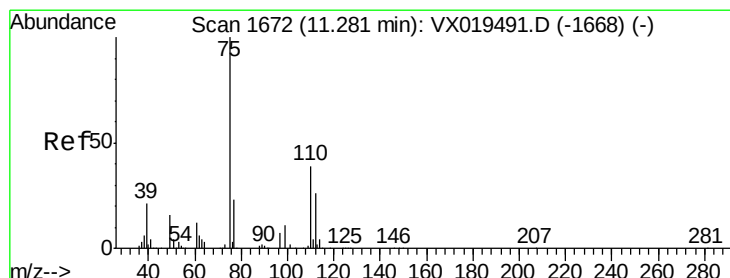
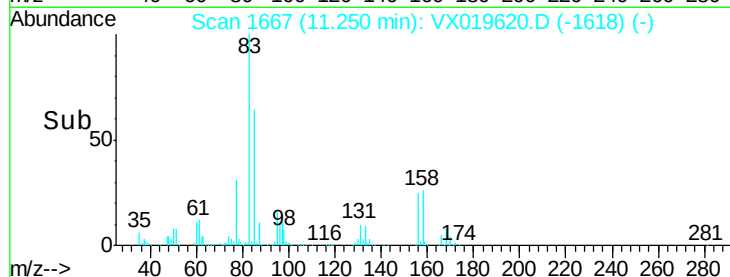
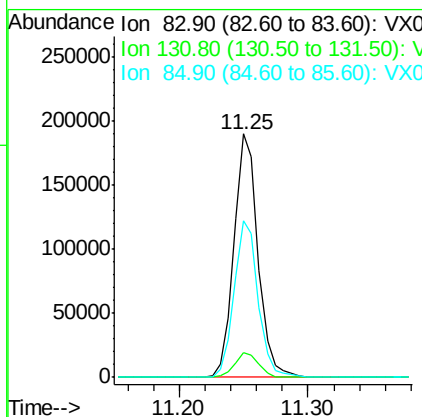
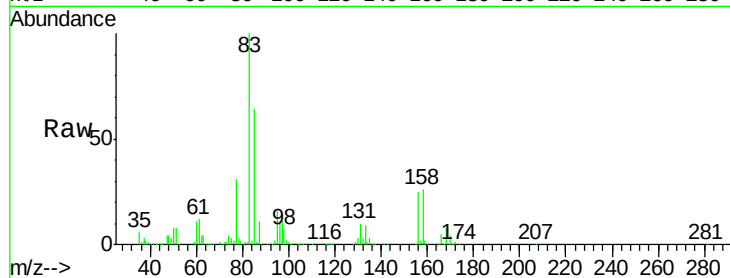
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 246902 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.1  | 5.0   | 15.0   |
| 85        | 64.6  | 32.4  | 97.2   |

Manual Integrations  
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11/25/2020 9:54:32 AM



#76

1,2,3-Trichloropropane

Concen: 52.464 ug/l m

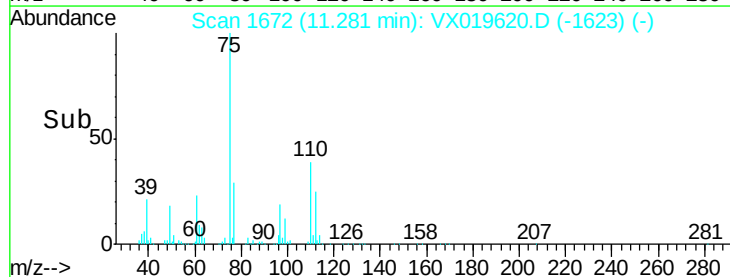
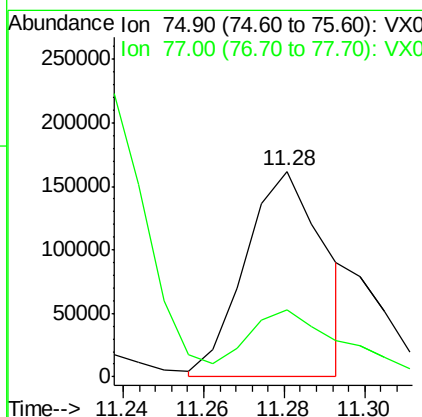
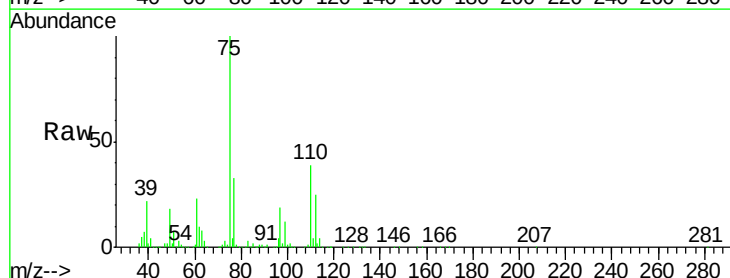
RT: 11.28 min Scan# 1672

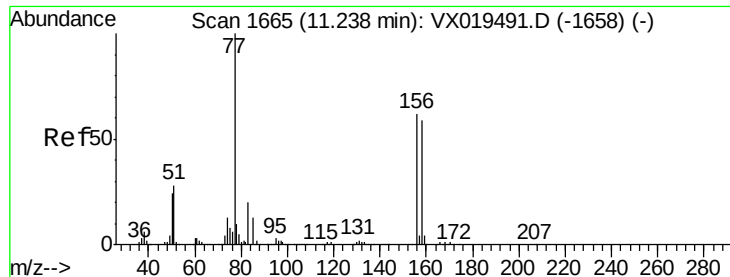
Delta R.T. -0.00 min

Lab File: VX019620.D

Acq: 24 Nov 2020 21:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 219649 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 39.5  | 20.0  | 60.0   |





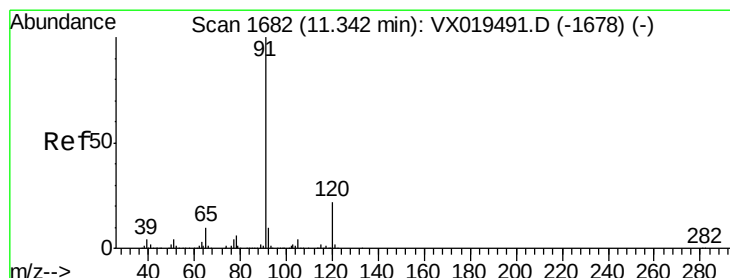
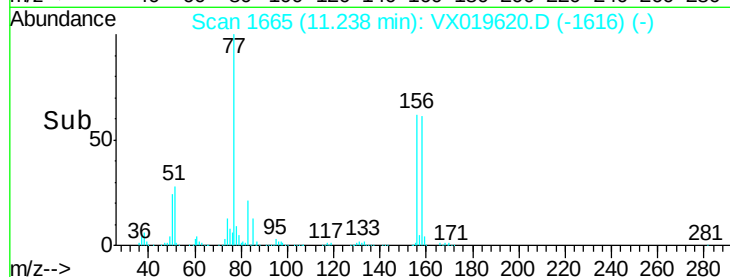
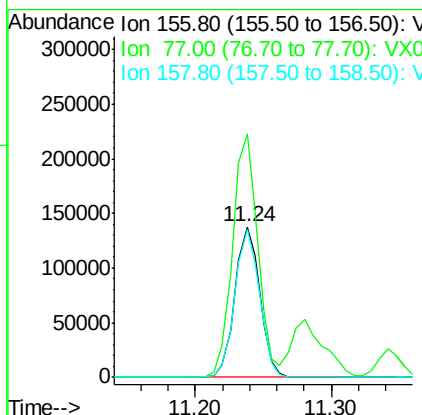
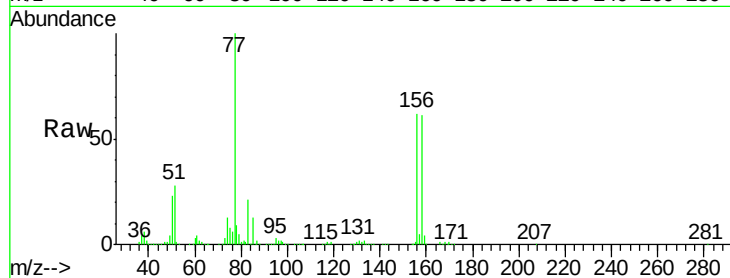
#77  
Bromobenzene  
Concen: 51.751 ug/l  
RT: 11.24 min Scan# 1665  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 163.9 | 82.5  | 247.3 |
| 158     | 97.1  | 48.9  | 146.7 |

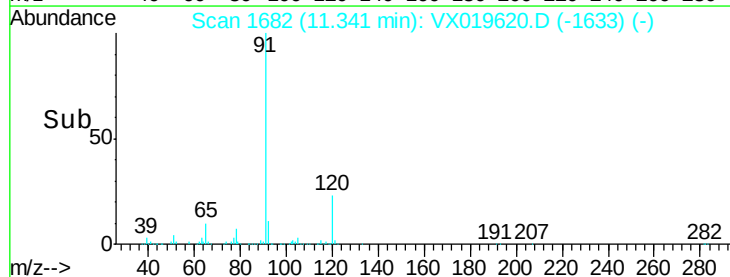
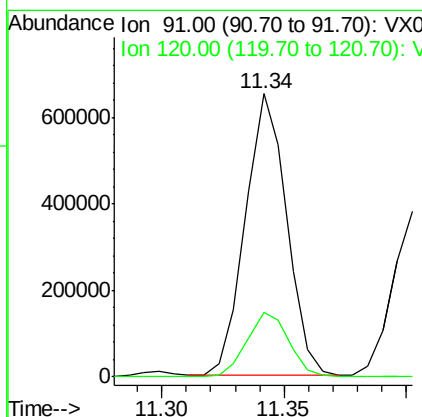
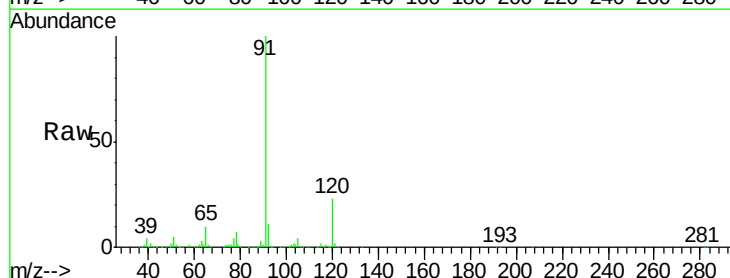
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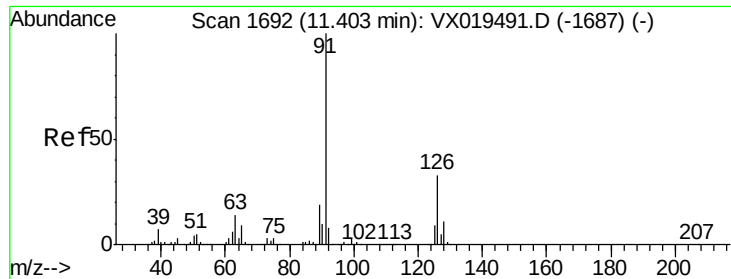
MMDadoda  
11/25/2020 9:54:32 AM



#78  
n-propylbenzene  
Concen: 50.570 ug/l  
RT: 11.34 min Scan# 1682  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.2  | 11.5  | 34.4  |





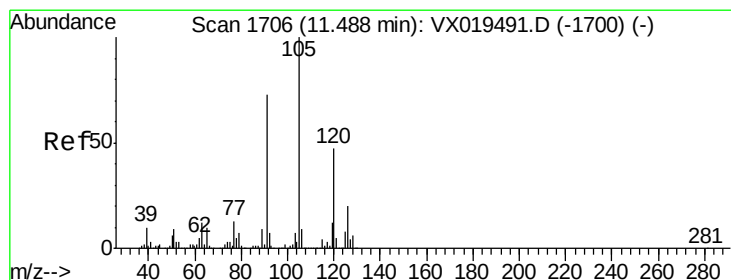
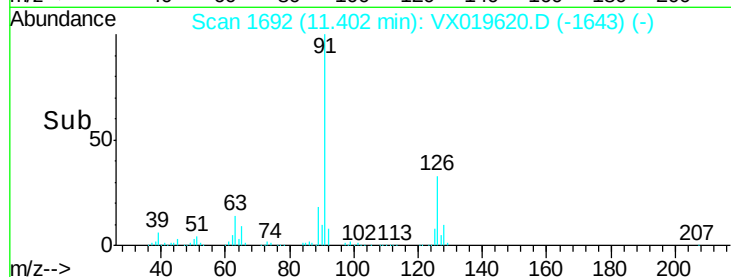
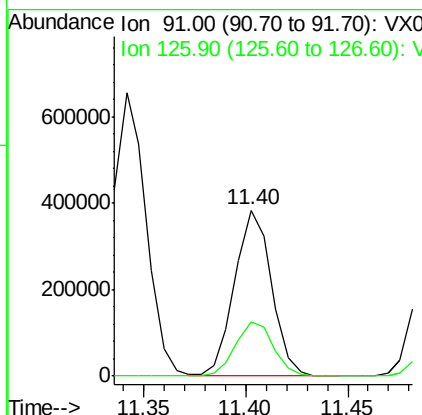
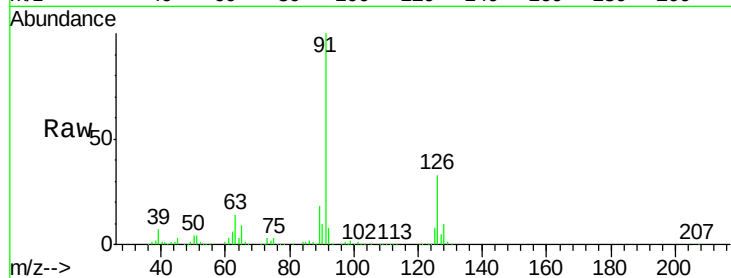
#79  
 2-Chlorotoluene  
 Concen: 51.891 ug/l  
 RT: 11.40 min Scan# 1692  
 Delta R.T. -0.00 min  
 Lab File: VX019620.D  
 Acq: 24 Nov 2020 21:20

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 91 Resp: 479123  
 Ion Ratio Lower Upper  
 91 100  
 126 33.5 16.7 50.0

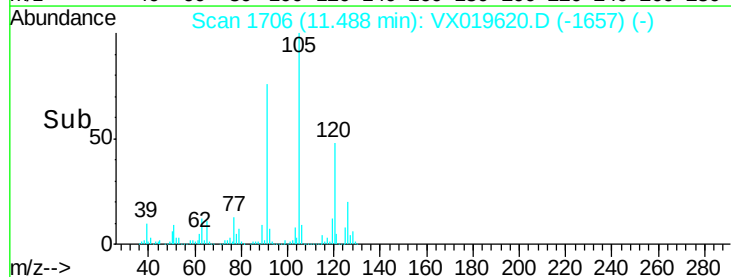
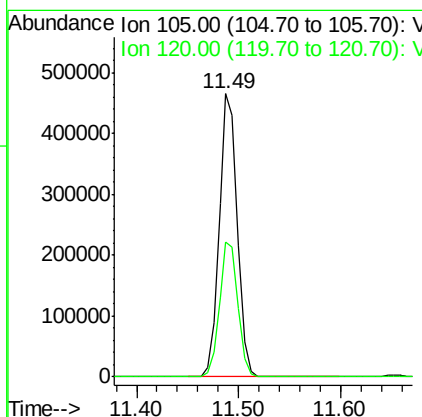
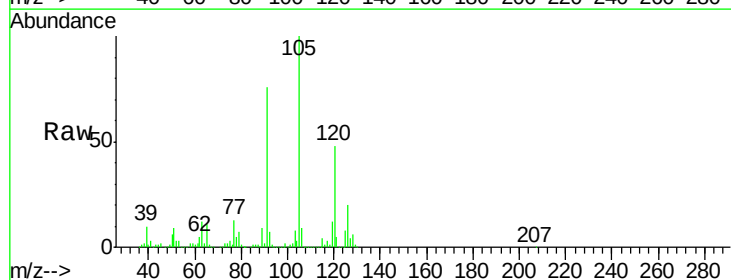
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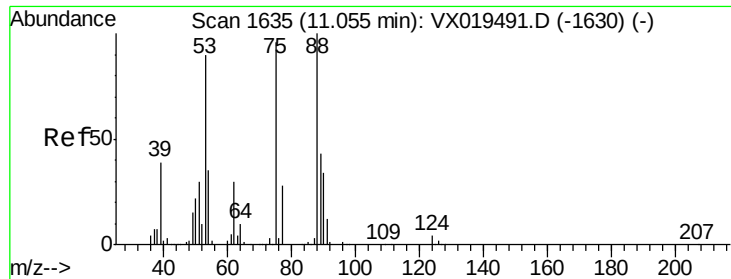
MMDadoda  
 11/25/2020 9:54:32 AM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 51.732 ug/l  
 RT: 11.49 min Scan# 1706  
 Delta R.T. -0.00 min  
 Lab File: VX019620.D  
 Acq: 24 Nov 2020 21:20

Tgt Ion: 105 Resp: 575932  
 Ion Ratio Lower Upper  
 105 100  
 120 48.7 24.1 72.3





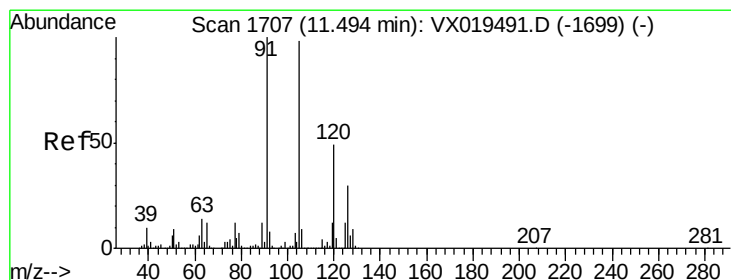
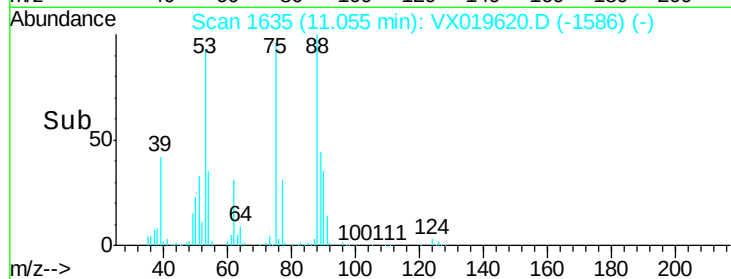
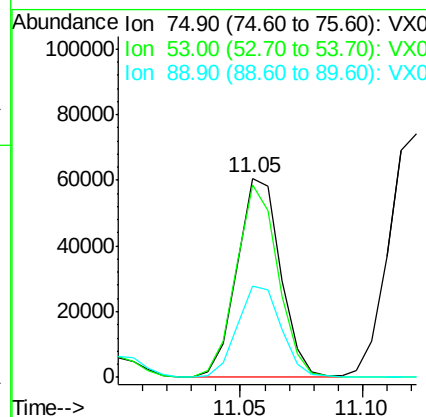
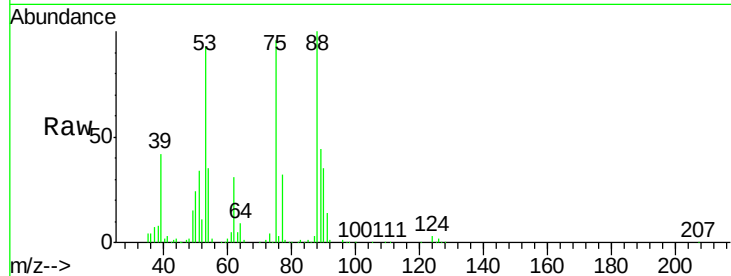
#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.120 ug/l  
RT: 11.05 min Scan# 1635  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 94.1  | 73.9  | 110.9 |
| 89      | 46.9  | 37.3  | 55.9  |

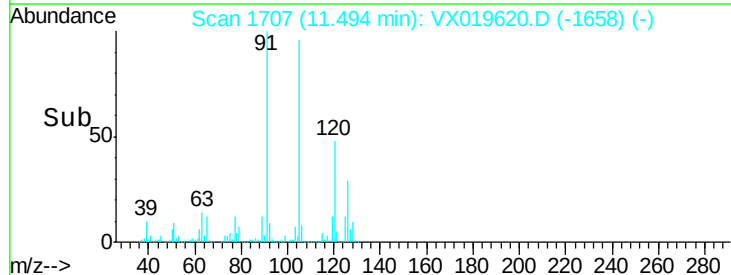
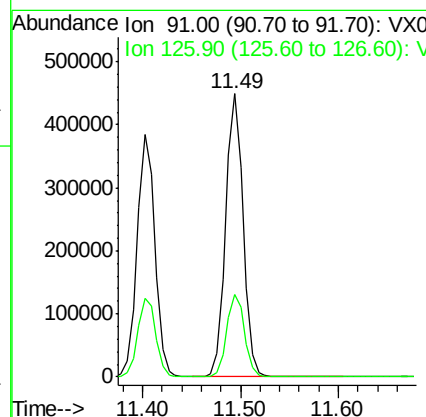
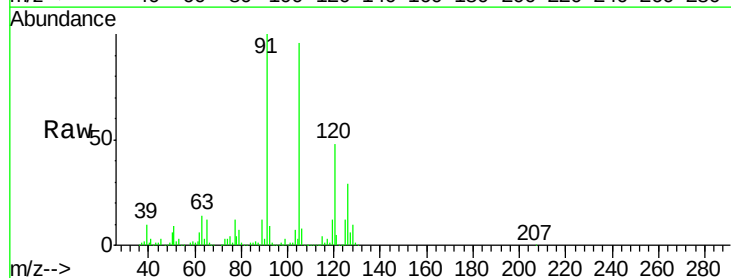
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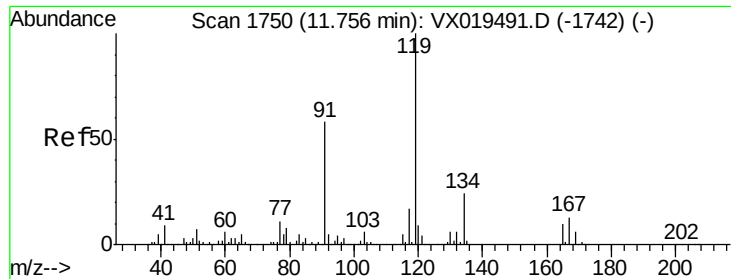
MMDadoda  
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#82  
4-Chlorotoluene  
Concen: 51.241 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 29.6  | 14.9  | 44.7  |





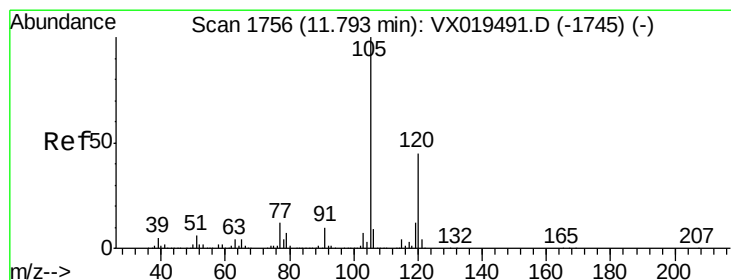
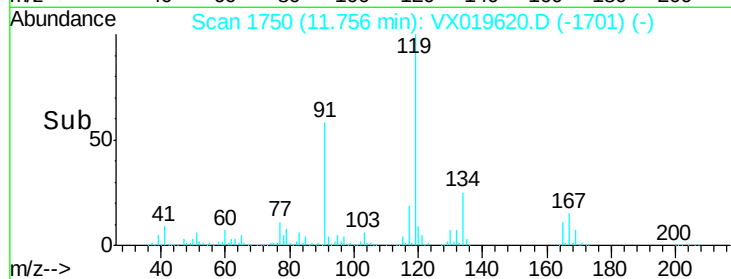
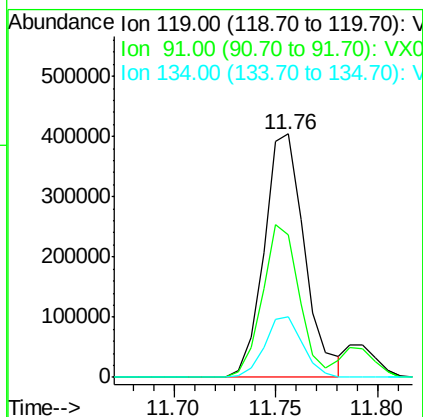
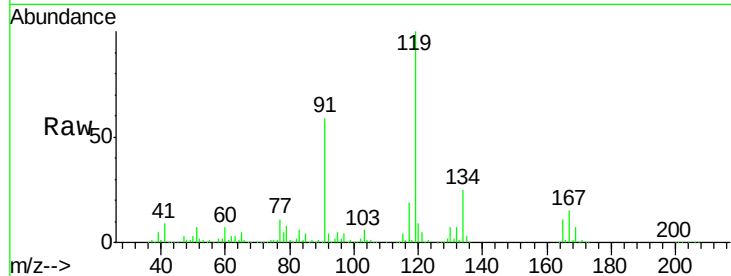
#83  
 tert-Butylbenzene  
 Concen: 51.902 ug/l  
 RT: 11.76 min Scan# 1750  
 Delta R.T. -0.00 min  
 Lab File: VX019620.D  
 Acq: 24 Nov 2020 21:20

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 559014 |       |       |
| 91      | 57.1  |        | 28.9  | 86.8  |
| 134     | 23.4  |        | 11.7  | 35.0  |

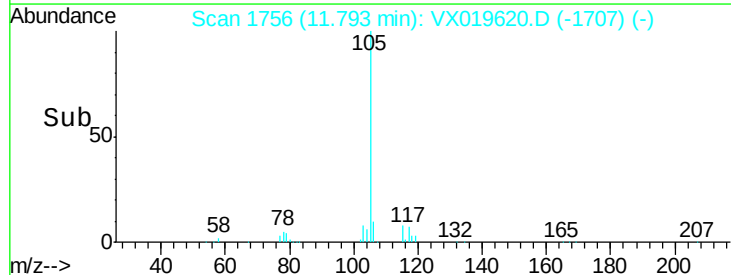
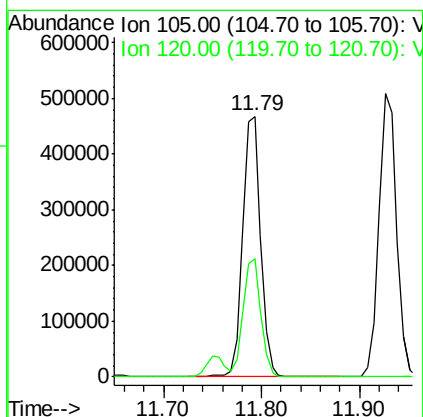
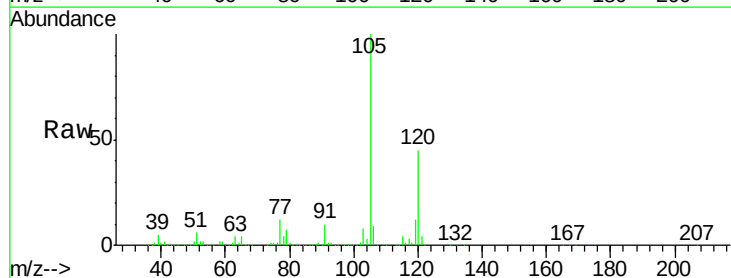
Manual Integrations  
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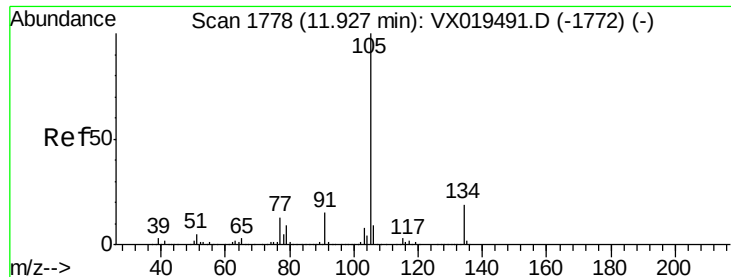
MMDadoda  
 11/25/2020 9:54:32 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 52.671 ug/l  
 RT: 11.79 min Scan# 1756  
 Delta R.T. -0.00 min  
 Lab File: VX019620.D  
 Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 593305 |       |       |
| 120     | 44.7  |        | 22.2  | 66.6  |





#85

sec-Butylbenzene

Concen: 49.326 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019620.D

Acq: 24 Nov 2020 21:20

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 632037

Ion Ratio Lower Upper

105 100

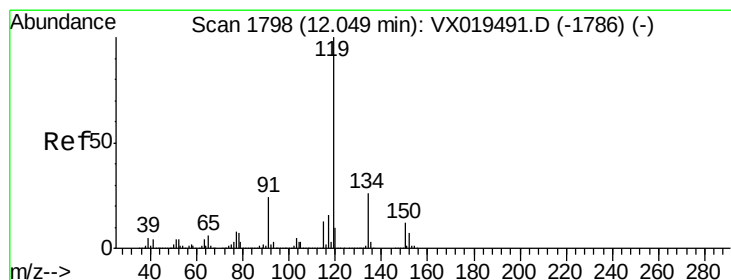
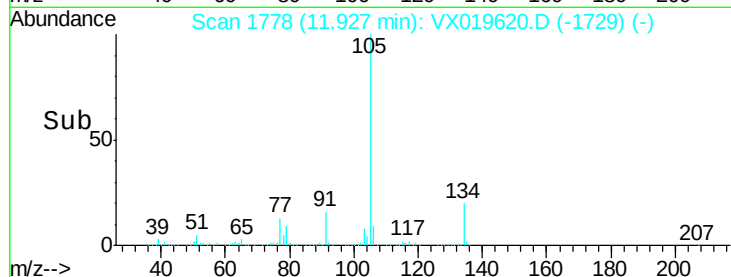
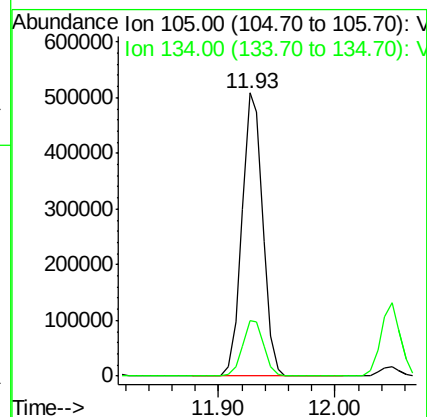
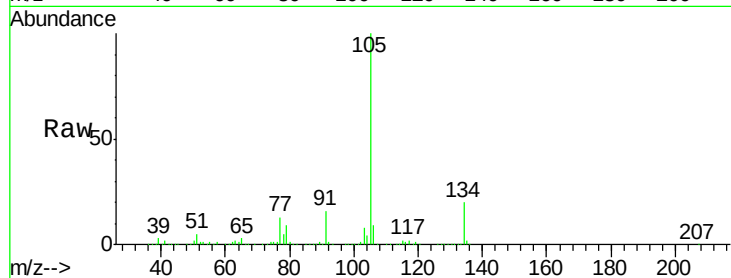
134 19.9 10.1 30.3

Manual Integrations

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MMDadoda

11/25/2020 9:54:32 AM



#86

p-Isopropyltoluene

Concen: 49.960 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019620.D

Acq: 24 Nov 2020 21:20

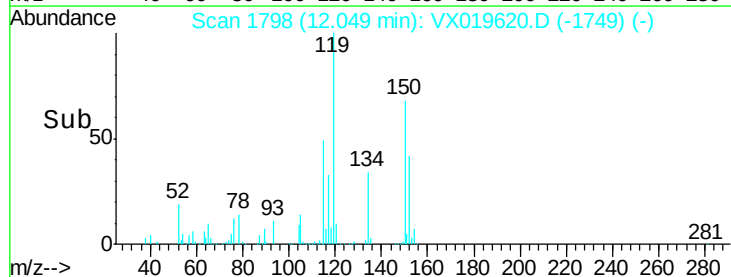
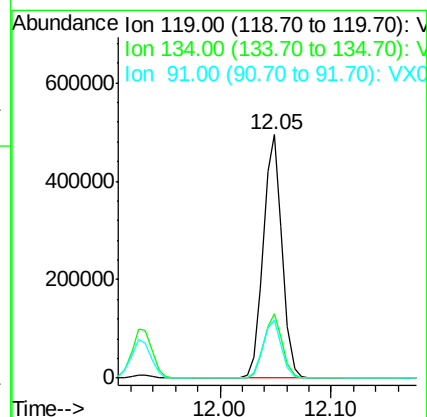
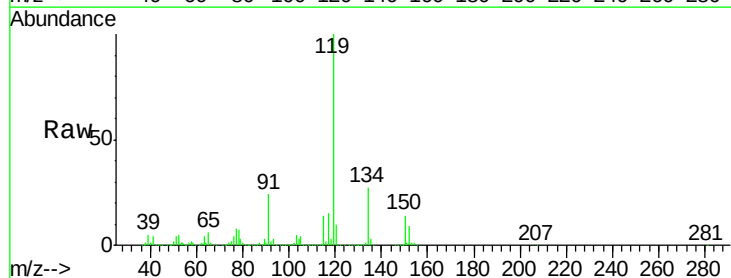
Tgt Ion:119 Resp: 581212

Ion Ratio Lower Upper

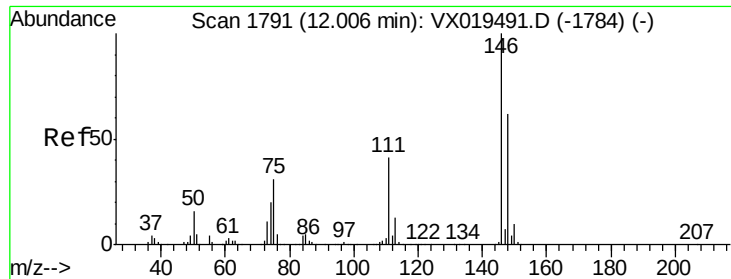
119 100

134 26.1 13.1 39.3

91 23.5 11.8 35.4







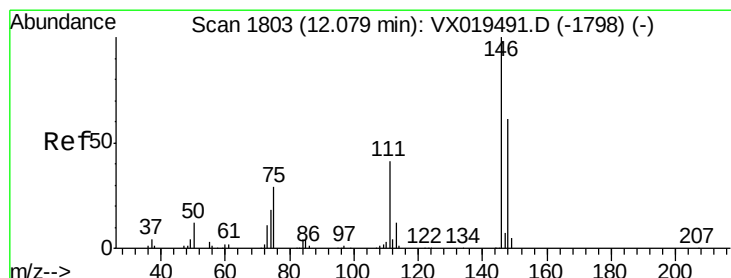
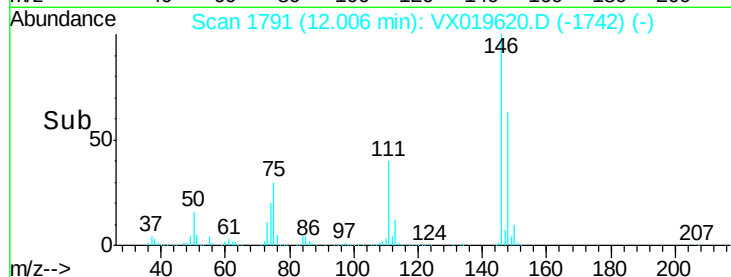
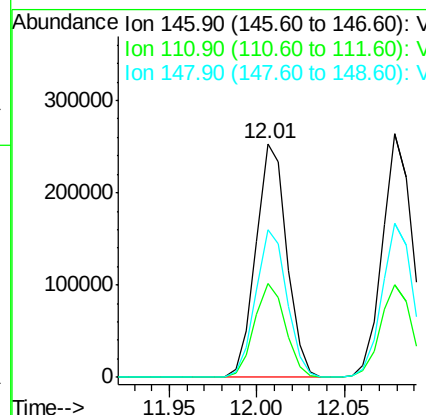
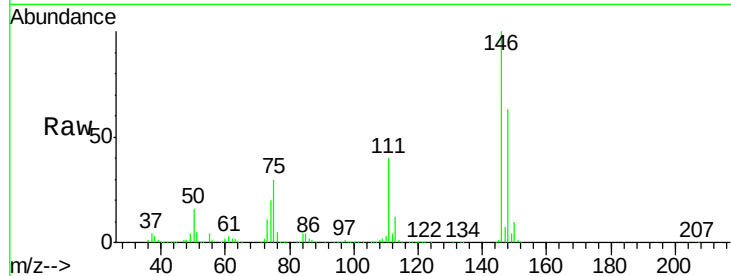
#87  
 1,3-Dichlorobenzene  
 Concen: 50.159 ug/l  
 RT: 12.01 min Scan# 1791  
 Delta R.T. -0.00 min  
 Lab File: VX019620.D  
 Acq: 24 Nov 2020 21:20

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.4  | 20.2  | 60.6  |
| 148     | 63.8  | 31.4  | 94.2  |

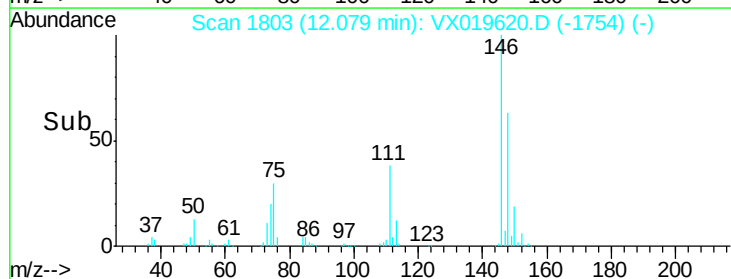
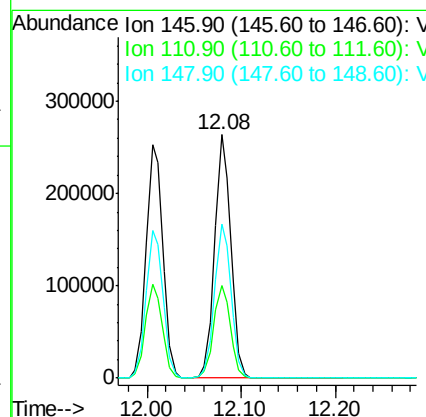
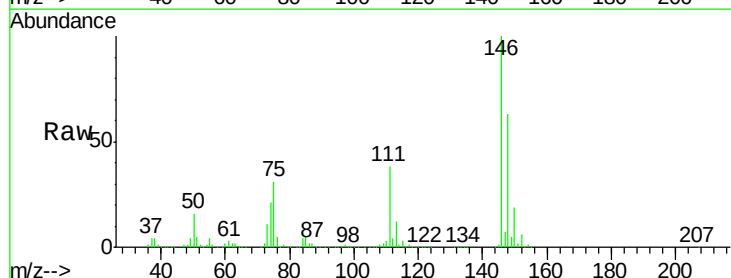
Manual Integrations  
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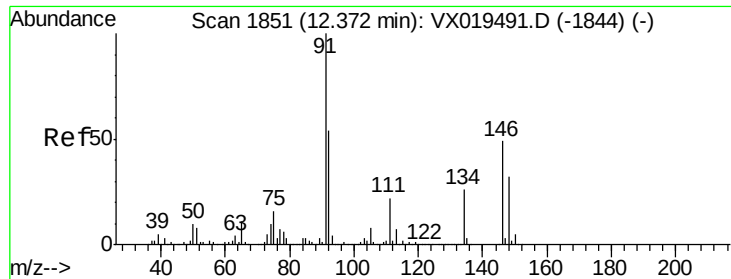
MMDadoda  
 11/25/2020 9:54:32 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 49.024 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. -0.00 min  
 Lab File: VX019620.D  
 Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.6  | 19.9  | 59.6  |
| 148     | 64.4  | 31.7  | 95.1  |





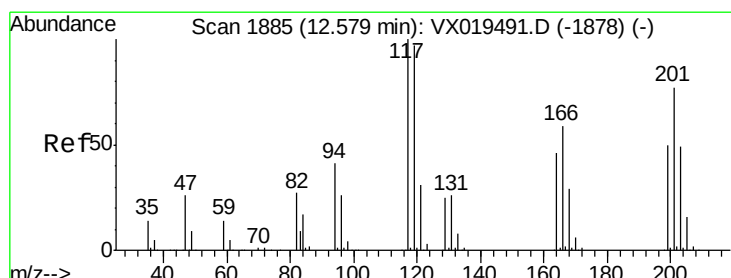
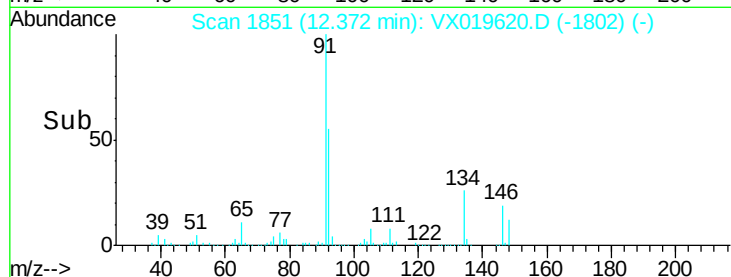
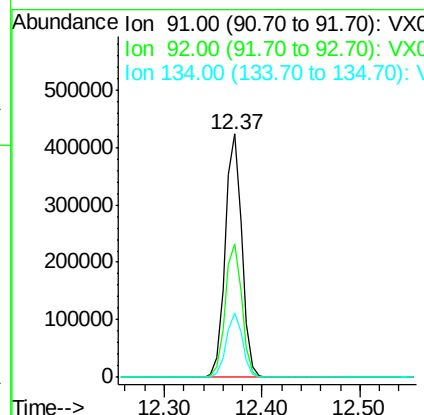
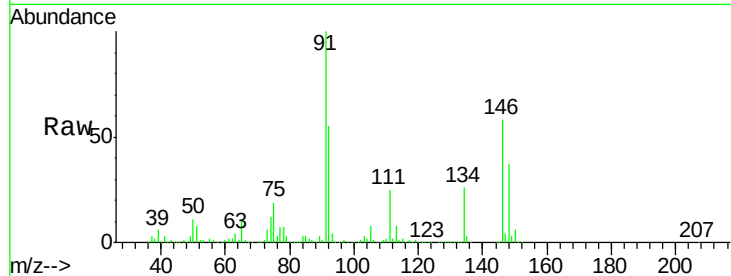
#89  
n-Butylbenzene  
Concen: 47.231 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 55.2  | 26.9  | 80.6  |
| 134     | 26.0  | 12.9  | 38.6  |

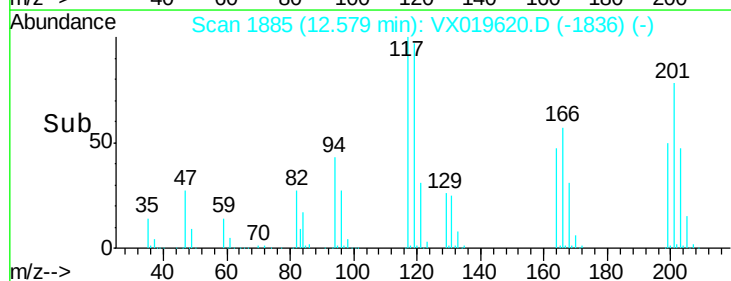
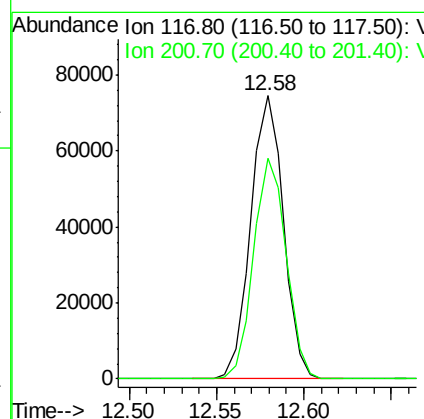
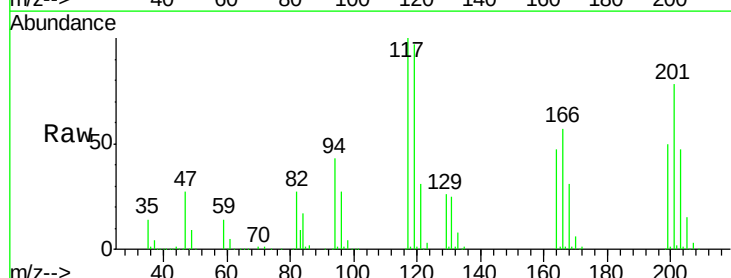
Manual Integrations  
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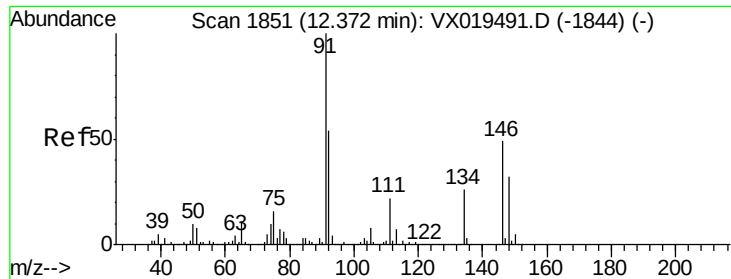
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11/25/2020 9:54:32 AM



#90  
Hexachloroethane  
Concen: 49.683 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 77.9  | 39.4  | 118.2 |





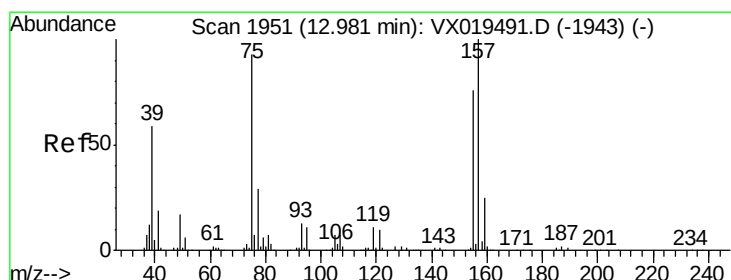
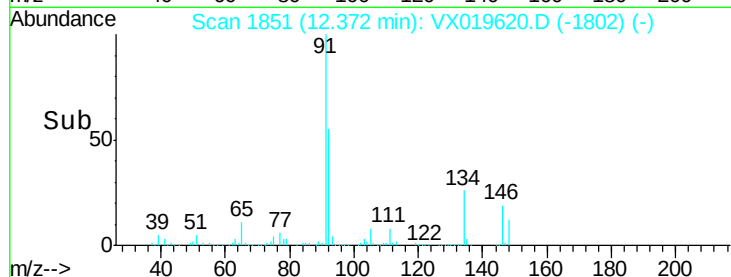
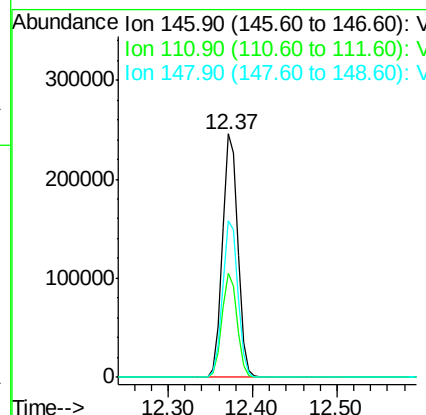
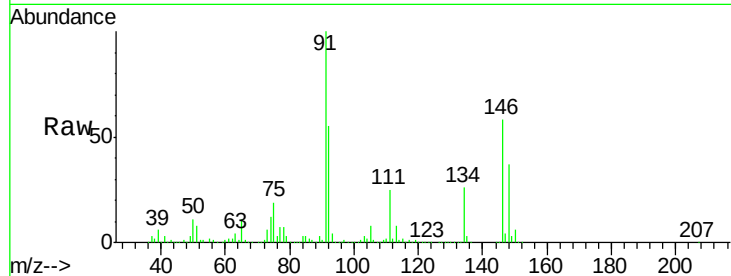
#91  
 1,2-Dichlorobenzene  
 Concen: 49.970 ug/l  
 RT: 12.37 min Scan# 1851  
 Delta R.T. -0.00 min  
 Lab File: VX019620.D  
 Acq: 24 Nov 2020 21:20

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.0  | 21.1  | 63.3  |
| 148     | 64.1  | 32.4  | 97.0  |

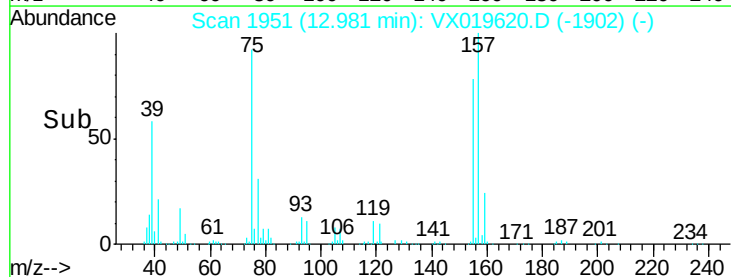
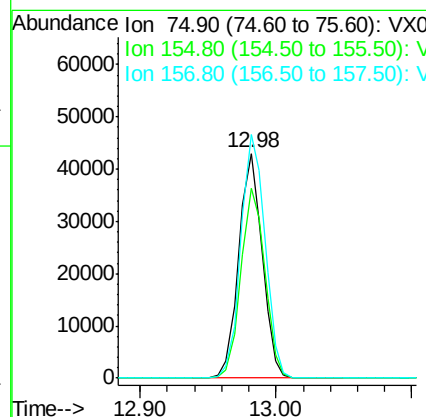
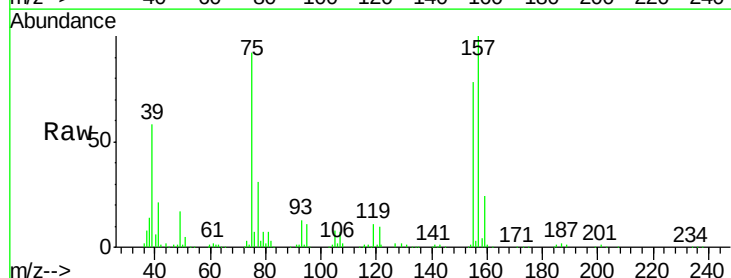
Manual Integrations  
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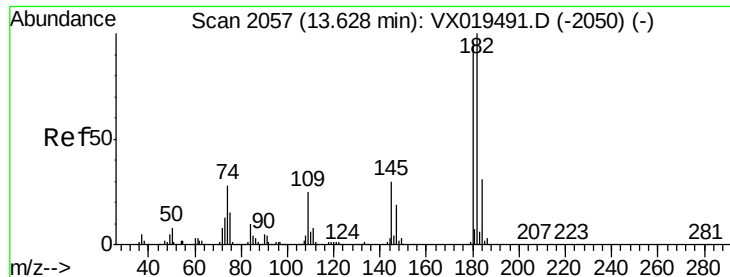
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 53.431 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. -0.00 min  
 Lab File: VX019620.D  
 Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 86.2  | 43.6  | 130.9 |
| 157     | 111.7 | 57.0  | 170.8 |





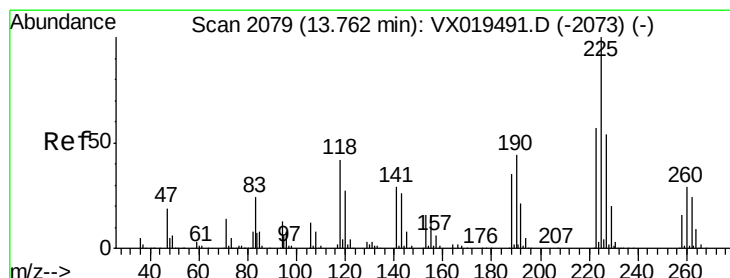
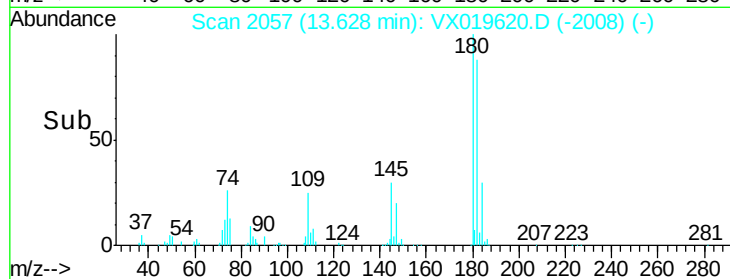
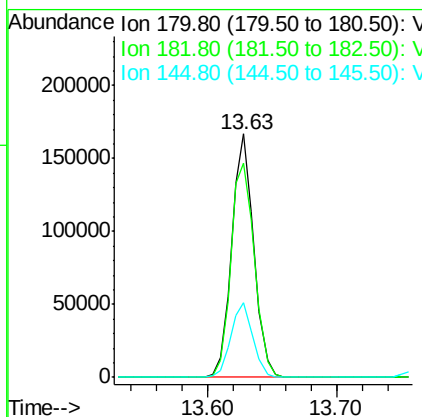
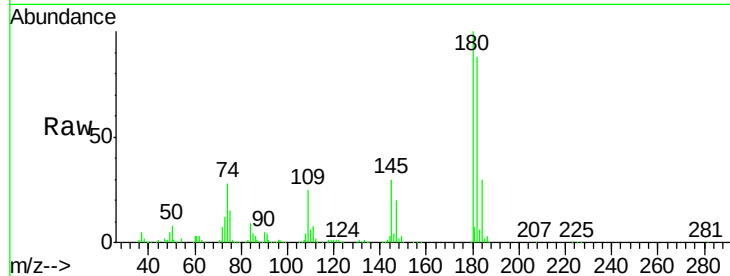
#93  
1,2,4-Trichlorobenzene  
Concen: 49.456 ug/l  
RT: 13.63 min Scan# 2057  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 198416 |       |       |
| 182     | 94.5  | 48.6   | 145.9 |       |
| 145     | 30.7  | 15.9   | 47.7  |       |

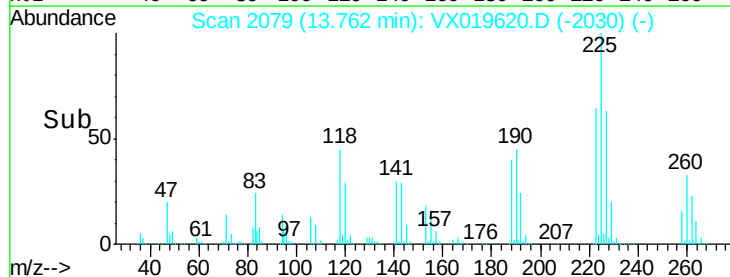
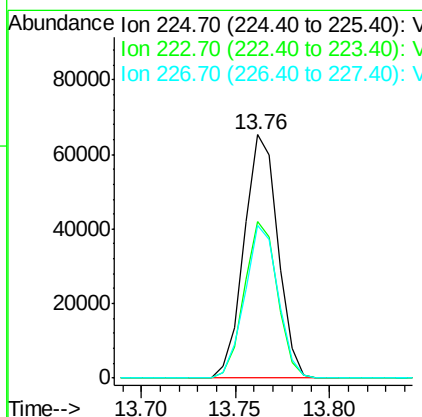
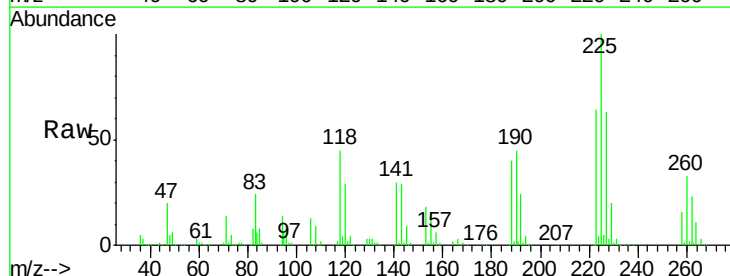
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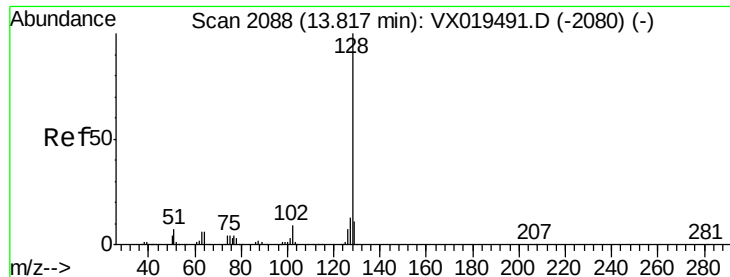
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11/25/2020 9:54:32 AM



#94  
Hexachlorobutadiene  
Concen: 44.492 ug/l  
RT: 13.76 min Scan# 2079  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 81316 |       |       |
| 223     | 62.5  | 32.5  | 97.5  |       |
| 227     | 61.7  | 32.8  | 98.3  |       |





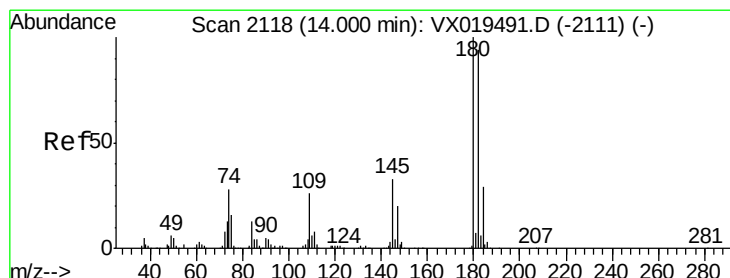
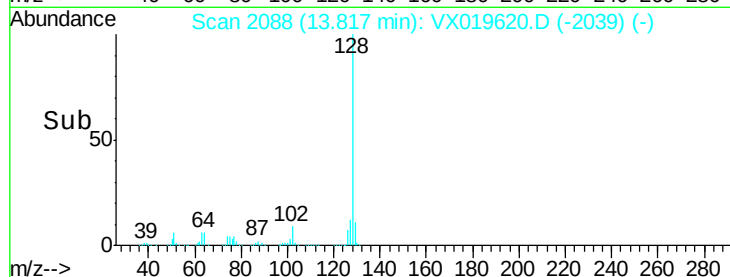
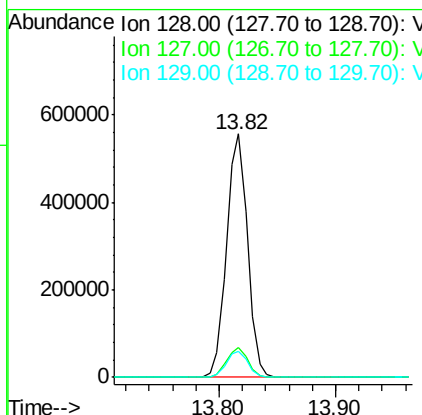
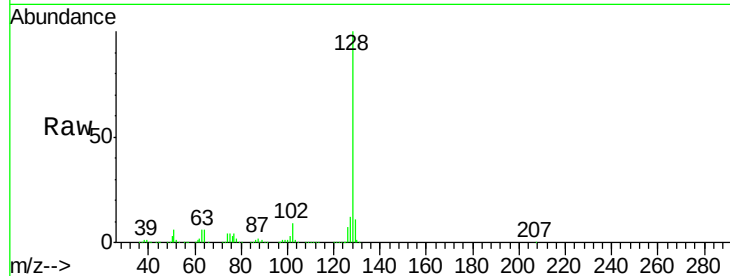
#95  
Naphthalene  
Concen: 48.928 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. 0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.4  | 10.3  | 15.5  |
| 129     | 10.9  | 8.7   | 13.1  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 49.901 ug/l  
RT: 14.00 min Scan# 2118  
Delta R.T. -0.00 min  
Lab File: VX019620.D  
Acq: 24 Nov 2020 21:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.1  | 48.1  | 144.3 |
| 145     | 32.7  | 16.6  | 49.8  |

