

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100920\  
 Data File : VX018850.D  
 Acq On : 09 Oct 2020 11:40  
 Operator : JC/SP  
 Sample : VSTDIC005  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

Manual Integrations  
 APPROVED

MMDadoda  
 10/12/2020 2:23:21 PM

Quant Time: Oct 09 13:45:59 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X100920W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 09 13:36:35 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 196105   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.82  | 114  | 289251   | 50.00 | ug/l  | -0.01    |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 276049   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 148885   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |      |        |       |
|---------------------------|--------|-----|----------|------|--------|-------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 17146    | 6.12 | ug/l   | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =    | 12.24% |       |
| 35) Dibromofluoromethane  | 5.45   | 113 | 12194    | 6.03 | ug/l   | -0.02 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 12.06% |       |
| 50) Toluene-d8            | 8.70   | 98  | 40315    | 5.54 | ug/l   | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =    | 11.08% |       |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 14281    | 4.90 | ug/l   | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =    | 9.80%  |       |

## Target Compounds

|                               |      |     |        |        | Qvalue    |
|-------------------------------|------|-----|--------|--------|-----------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 8401   | 4.369  | ug/l 93   |
| 3) Chloromethane              | 1.31 | 50  | 8443   | 3.964  | ug/l 92   |
| 4) Vinyl Chloride             | 1.39 | 62  | 9688   | 4.283  | ug/l 92   |
| 5) Bromomethane               | 1.63 | 94  | 5873   | 4.379  | ug/l 85   |
| 6) Chloroethane               | 1.71 | 64  | 7284   | 5.545  | ug/l # 86 |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 21150  | 5.892  | ug/l 86   |
| 8) Diethyl Ether              | 2.17 | 74  | 6205   | 5.086  | ug/l 93   |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 11130  | 5.909  | ug/l 97   |
| 10) Methyl Iodide             | 2.49 | 142 | 7145   | 3.642  | ug/l 94   |
| 11) Tert butyl alcohol        | 3.01 | 59  | 11872  | 24.883 | ug/l 94   |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 10120  | 5.375  | ug/l 96   |
| 13) Acrolein                  | 2.27 | 56  | 11355  | 35.799 | ug/l 98   |
| 14) Allyl chloride            | 2.71 | 41  | 17457  | 4.838  | ug/l 97   |
| 15) Acrylonitrile             | 3.12 | 53  | 25230  | 22.628 | ug/l 99   |
| 16) Acetone                   | 2.42 | 43  | 34660  | 32.185 | ug/l 98   |
| 17) Carbon Disulfide          | 2.55 | 76  | 28442  | 5.075  | ug/l 98   |
| 18) Methyl Acetate            | 2.75 | 43  | 12676  | 4.939  | ug/l 97   |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 32132  | 4.896  | ug/l 100  |
| 20) Methylene Chloride        | 2.83 | 84  | 12974  | 5.603  | ug/l 92   |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 11197  | 5.108  | ug/l 91   |
| 22) Diisopropyl ether         | 3.82 | 45  | 31337  | 4.662  | ug/l 89   |
| 23) Vinyl Acetate             | 3.78 | 43  | 145179 | 23.974 | ug/l 99   |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 21350  | 5.393  | ug/l 94   |
| 25) 2-Butanone                | 4.63 | 43  | 40930  | 25.036 | ug/l 100  |
| 26) 2,2-Dichloropropane       | 4.54 | 77  | 21025  | 5.678  | ug/l 98   |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96  | 12847  | 5.252  | ug/l 98   |
| 28) Bromochloromethane        | 4.97 | 49  | 10780  | 5.885  | ug/l 89   |
| 29) Tetrahydrofuran           | 5.09 | 42  | 21316  | 21.254 | ug/l 97   |
| 30) Chloroform                | 5.17 | 83  | 23919  | 5.881  | ug/l 97   |
| 31) Cyclohexane               | 5.55 | 56  | 14047  | 4.351  | ug/l # 87 |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 22782  | 5.957  | ug/l 98   |
| 36) 1,1-Dichloropropene       | 5.77 | 75  | 17100  | 6.063  | ug/l 97   |
| 37) Ethyl Acetate             | 4.78 | 43  | 14571  | 4.878  | ug/l # 92 |
| 38) Carbon Tetrachloride      | 5.75 | 117 | 21789  | 6.812  | ug/l 93   |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100920\  
 Data File : VX018850.D  
 Acq On : 09 Oct 2020 11:40  
 Operator : JC/SP  
 Sample : VSTDIC005  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDIC005

Manual Integrations  
 APPROVED

MMDadoda  
 10/12/2020 2:23:21 PM

Quant Time: Oct 09 13:45:59 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X100920W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 09 13:36:35 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.43  | 83   | 14351    | 4.648  | ug/l   | 94       |
| 40) Benzene                    | 6.11  | 78   | 45355    | 5.644  | ug/l   | 98       |
| 41) Methacrylonitrile          | 4.99  | 41   | 8768     | 5.273  | ug/l # | 96       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 21646    | 6.749  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.41  | 43   | 25913    | 5.248  | ug/l   | 98       |
| 44) Trichloroethene            | 7.18  | 130  | 14326    | 6.140  | ug/l   | 86       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 12127    | 5.522  | ug/l   | 96       |
| 46) Dibromomethane             | 7.63  | 93   | 9469     | 6.225  | ug/l   | 95       |
| 47) Bromodichloromethane       | 7.87  | 83   | 19342    | 6.225  | ug/l   | 96       |
| 48) Methyl methacrylate        | 7.74  | 41   | 12824    | 5.298  | ug/l   | 92       |
| 49) 1,4-Dioxane                | 7.72  | 88   | 3816     | 97.610 | ug/l # | 88       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 74161    | 25.112 | ug/l   | 99       |
| 52) Toluene                    | 8.76  | 92   | 29942    | 5.874  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 18858    | 5.387  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 20422    | 5.707  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 13123    | 6.214  | ug/l   | 91       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 14871    | 4.803  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 20489    | 5.773  | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 44842    | 27.101 | ug/l   | 98       |
| 59) 2-Hexanone                 | 9.47  | 43   | 55746    | 24.821 | ug/l   | 93       |
| 60) Dibromochloromethane       | 9.56  | 129  | 15829    | 6.234  | ug/l   | 96       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 13397    | 5.950  | ug/l   | 98       |
| 64) Tetrachloroethene          | 9.32  | 164  | 13173    | 6.085  | ug/l   | 93       |
| 65) Chlorobenzene              | 10.12 | 112  | 33987    | 5.944  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 14139    | 6.158  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.23 | 91   | 52617    | 5.309  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.34 | 106  | 40969    | 10.901 | ug/l   | 100      |
| 69) o-Xylene                   | 10.68 | 106  | 19463    | 5.486  | ug/l   | 94       |
| 70) Styrene                    | 10.70 | 104  | 31490    | 5.150  | ug/l   | 97       |
| 71) Bromoform                  | 10.84 | 173  | 11271    | 5.812  | ug/l # | 94       |
| 73) Isopropylbenzene           | 11.00 | 105  | 51849    | 5.200  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.88 | 43   | 17788    | 4.036  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 18973    | 5.803  | ug/l   | 95       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 17690m   | 5.667  | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 14328    | 5.212  | ug/l   | 94       |
| 78) n-propylbenzene            | 11.34 | 91   | 58512    | 5.044  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 37628    | 5.343  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 44477    | 5.208  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.05 | 75   | 6071     | 5.061  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 45634    | 5.440  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 43880    | 5.287  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 43918    | 5.122  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 48242    | 4.952  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 45342    | 5.037  | ug/l   | 94       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 27283    | 5.521  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 28475    | 5.707  | ug/l   | 96       |
| 89) n-Butylbenzene             | 12.37 | 91   | 40513    | 4.916  | ug/l   | 98       |
| 90) Hexachloroethane           | 12.58 | 117  | 8716     | 4.935  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene        | 12.37 | 146  | 26282    | 5.666  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 4333     | 5.421  | ug/l   | 96       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100920\  
Data File : VX018850.D  
Acq On : 09 Oct 2020 11:40  
Operator : JC/SP  
Sample : VSTDICC005  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

Manual Integrations  
APPROVED

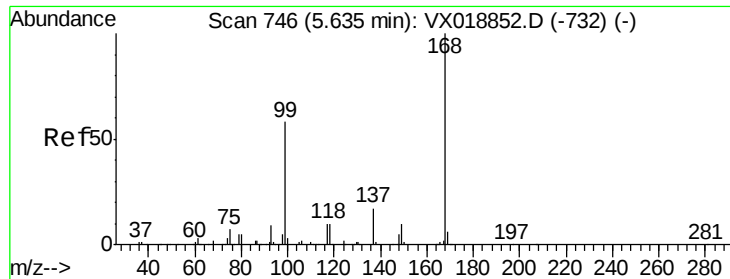
MMDadoda  
10/12/2020 2:23:21 PM

Quant Time: Oct 09 13:45:59 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X100920W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 09 13:36:35 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 14890    | 4.655 | ug/l  | 95       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 7487     | 5.570 | ug/l  | 94       |
| 95) Naphthalene            | 13.82 | 128  | 37447    | 3.880 | ug/l  | 97       |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180  | 14604    | 4.766 | ug/l  | 94       |

(#) = 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. -0.01 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 196105

Ion Ratio Lower Upper

168 100

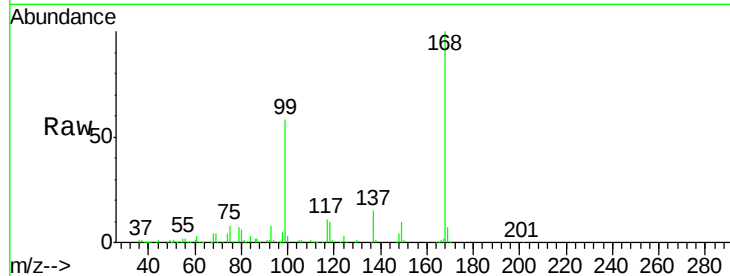
99 58.3 46.1 69.1

Manual Integrations

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10/12/2020 2:23:21 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

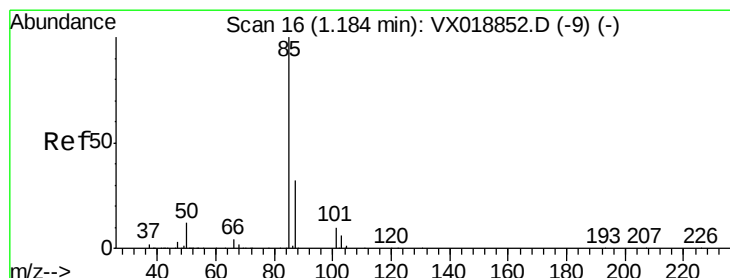
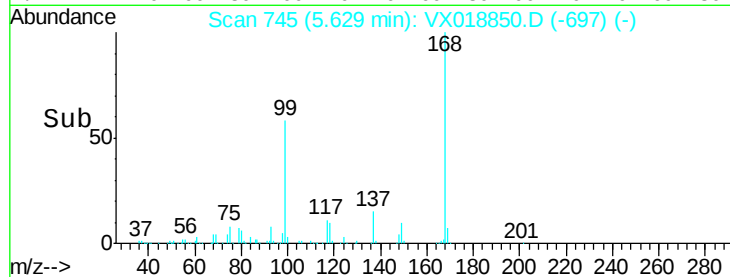
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 4.369 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018850.D

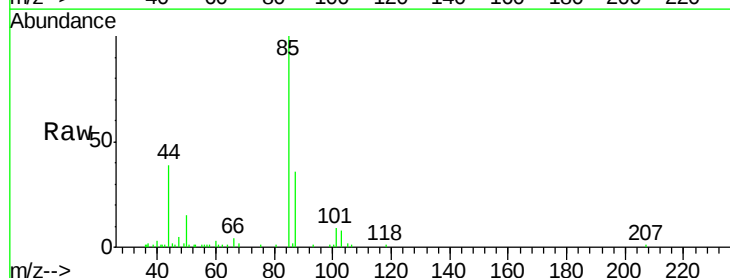
Acq: 09 Oct 2020 11:40

Tgt Ion: 85 Resp: 8401

Ion Ratio Lower Upper

85 100

87 35.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

10000

8000

6000

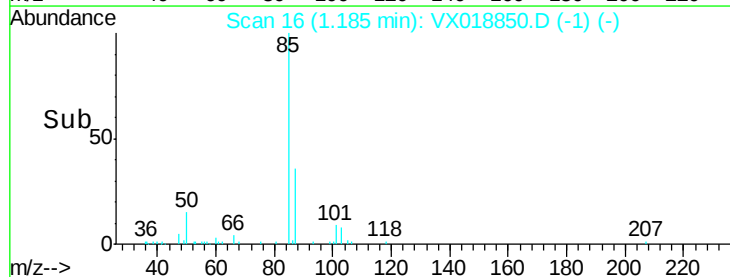
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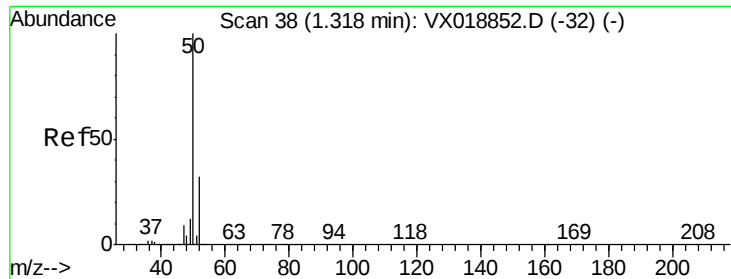
2000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 3.964 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 8443

Ion Ratio Lower Upper

50 100

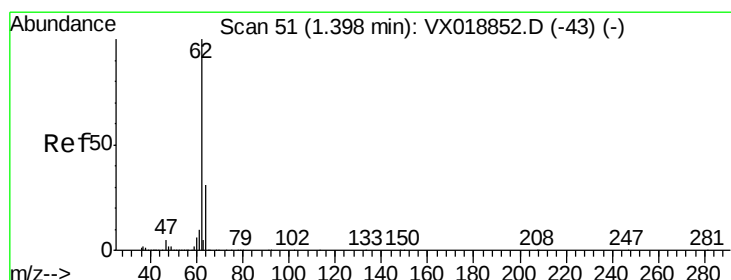
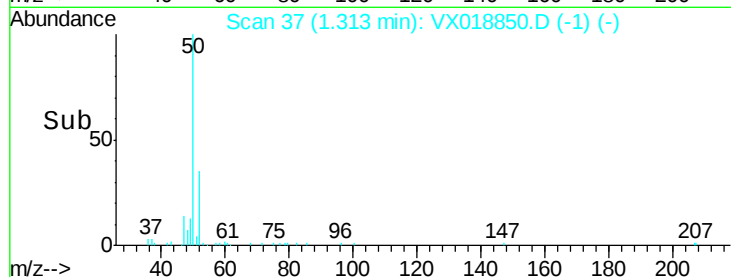
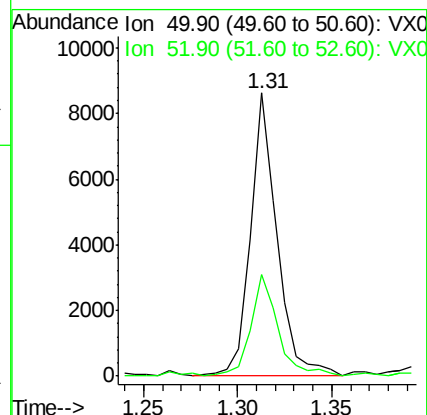
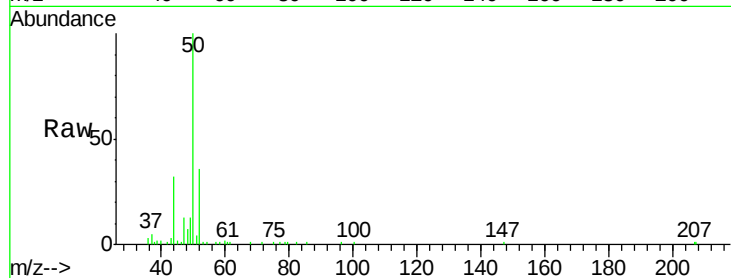
52 35.9 25.2 37.8

Manual Integrations

APPROVED

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10/12/2020 2:23:21 PM



#4

Vinyl Chloride

Concen: 4.283 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018850.D

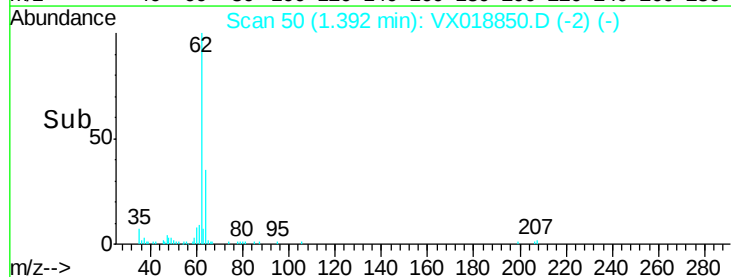
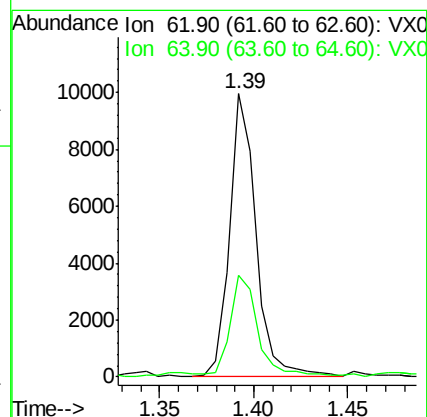
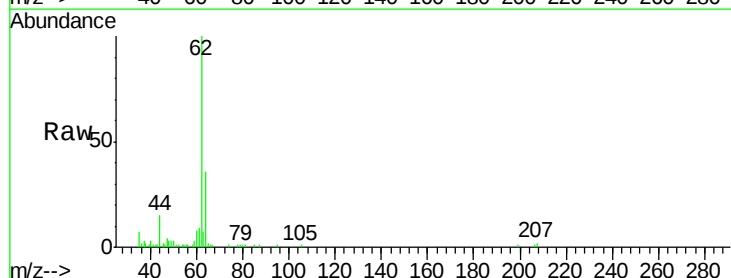
Acq: 09 Oct 2020 11:40

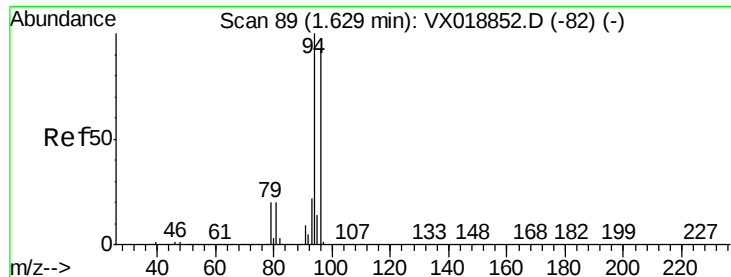
Tgt Ion: 62 Resp: 9688

Ion Ratio Lower Upper

62 100

64 35.0 24.6 37.0





#5

Bromomethane

Concen: 4.379 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 5873

Ion Ratio Lower Upper

94 100

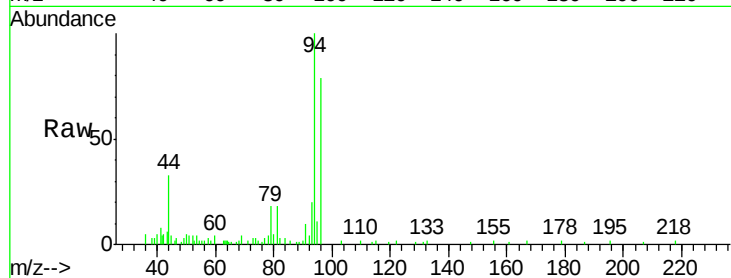
96 78.7 74.5 111.7

Manual Integrations

APPROVED

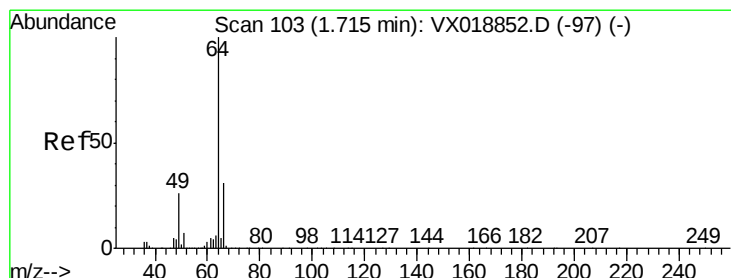
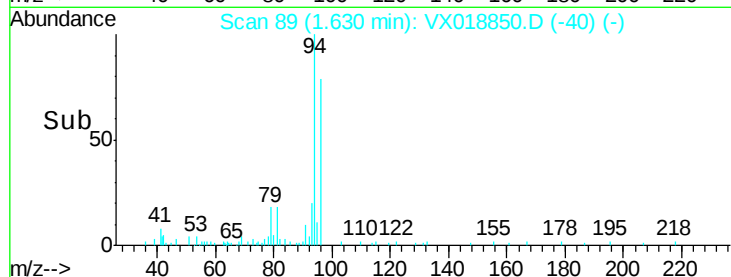
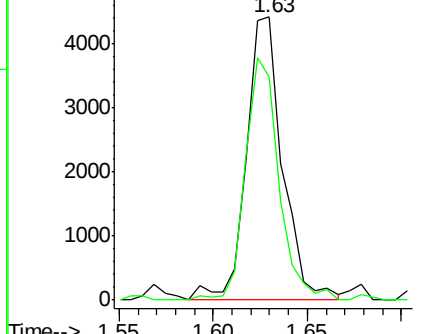
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 5.545 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX018850.D

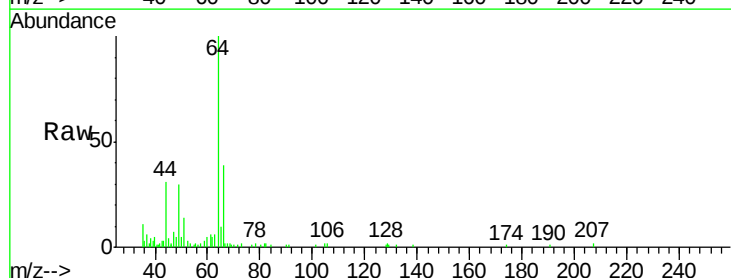
Acq: 09 Oct 2020 11:40

Tgt Ion: 64 Resp: 7284

Ion Ratio Lower Upper

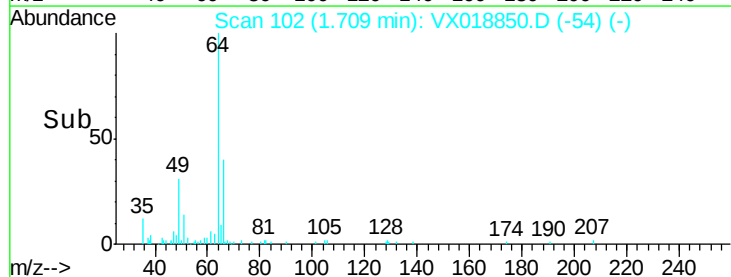
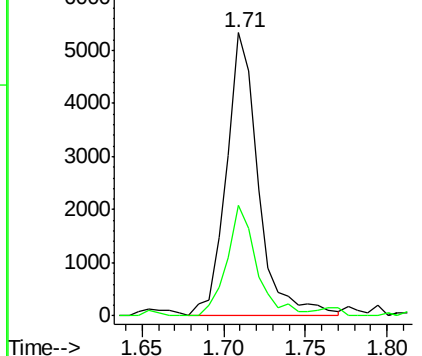
64 100

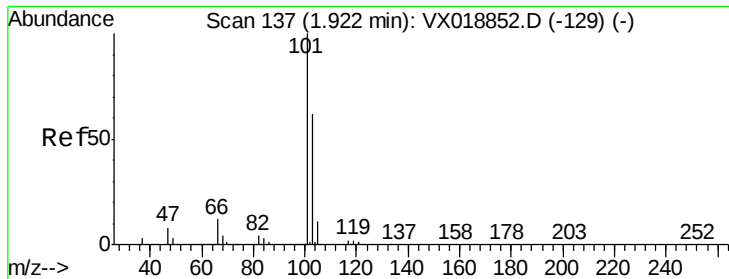
66 38.9 24.7 37.1#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

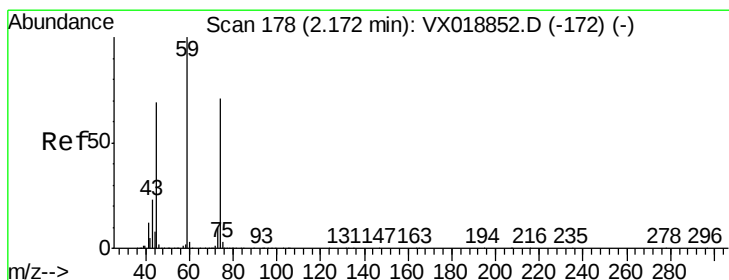
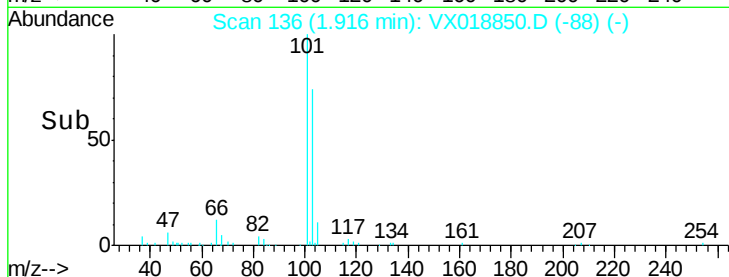
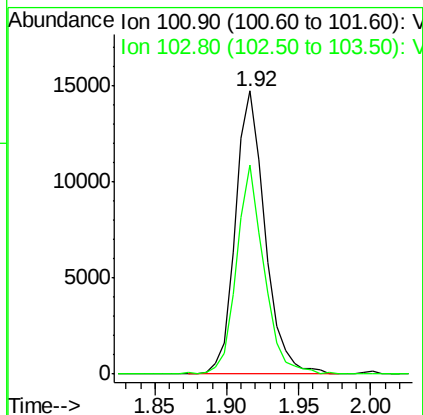
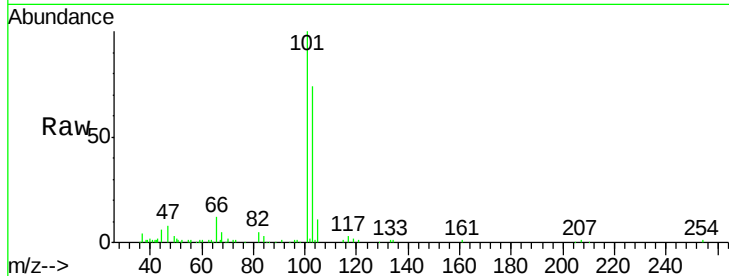
Trichlorofluoromethane  
Concen: 5.892 ug/l  
RT: 1.92 min Scan# 136  
Delta R.T. -0.01 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 73.4  | 50.0  | 75.0  |

Manual Integrations  
APPROVED

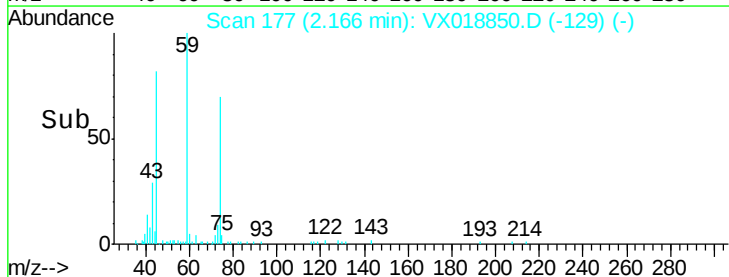
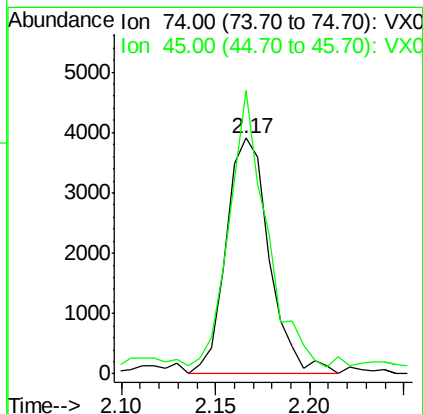
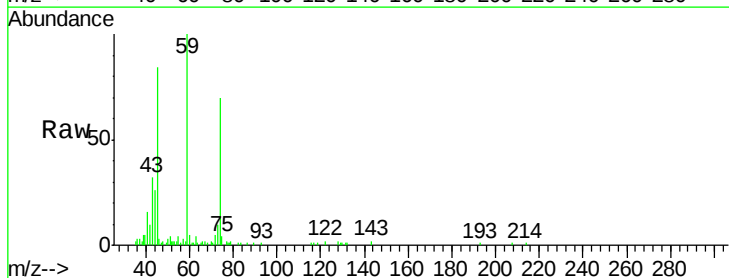
MMDadoda  
10/12/2020 2:23:21 PM

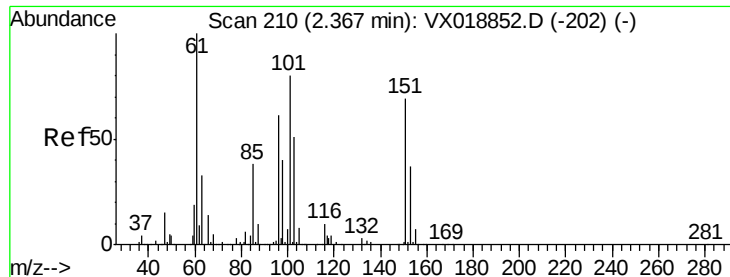


#8

Diethyl Ether  
Concen: 5.086 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. -0.01 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 100.7 | 47.0  | 141.2 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.909 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

Instrument :

MSVOA\_X

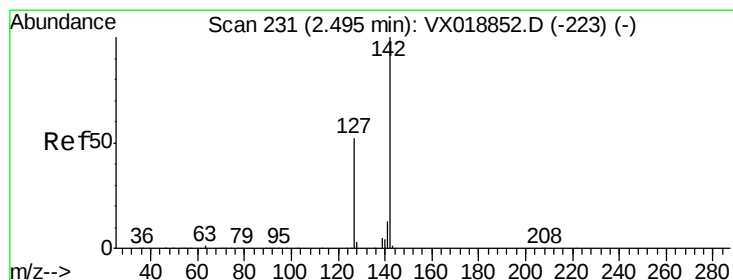
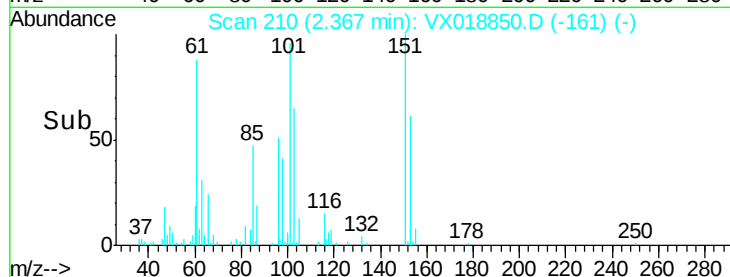
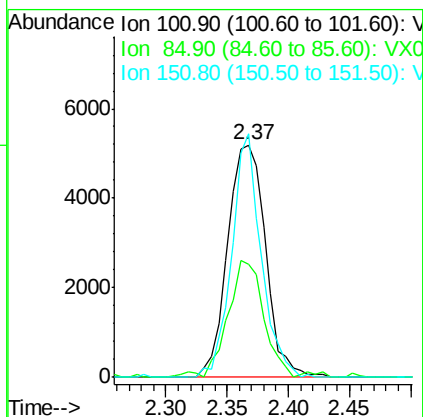
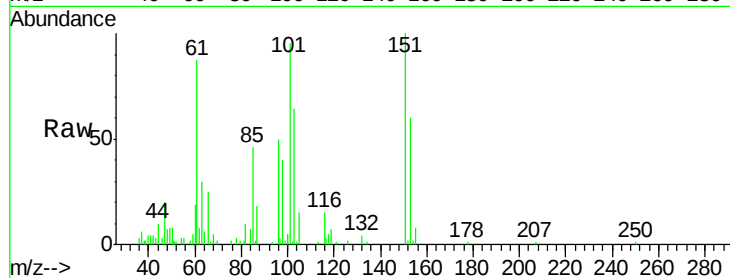
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 11130 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 47.7  | 36.6  | 55.0  |
| 151       | 81.2  | 67.2  | 100.8 |

Manual Integrations  
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MMDadoda  
10/12/2020 2:23:21 PM



#10

Methyl Iodide

Concen: 3.642 ug/l

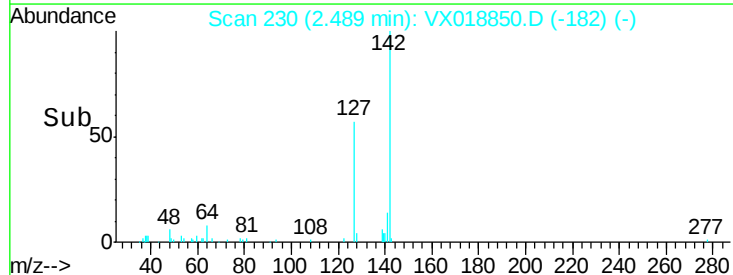
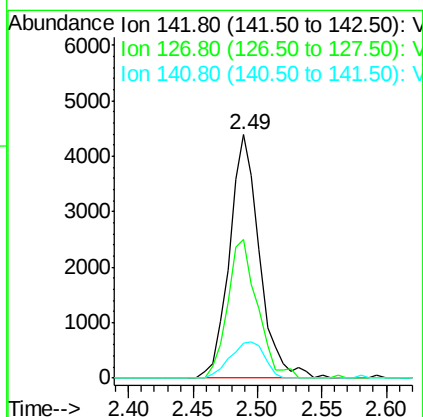
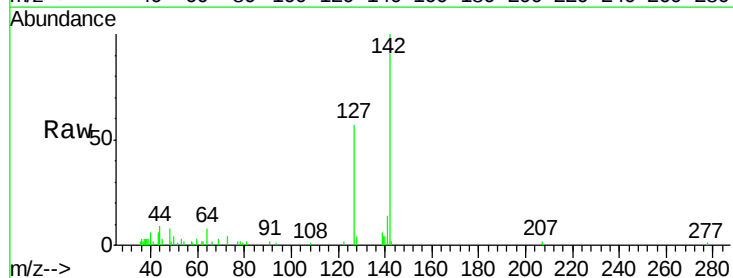
RT: 2.49 min Scan# 230

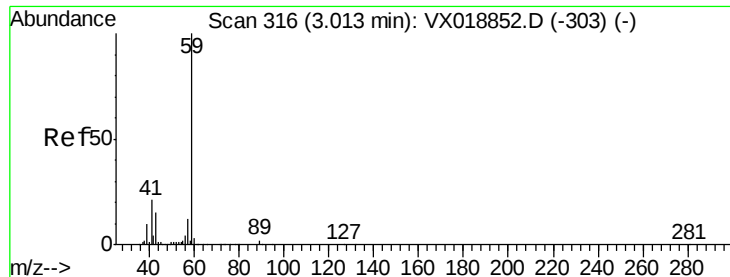
Delta R.T. -0.01 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 142   | Resp: | 7145 |
| Ion Ratio | Lower | Upper |      |
| 142       | 100   |       |      |
| 127       | 56.6  | 42.0  | 63.0 |
| 141       | 16.8  | 11.8  | 17.6 |





#11

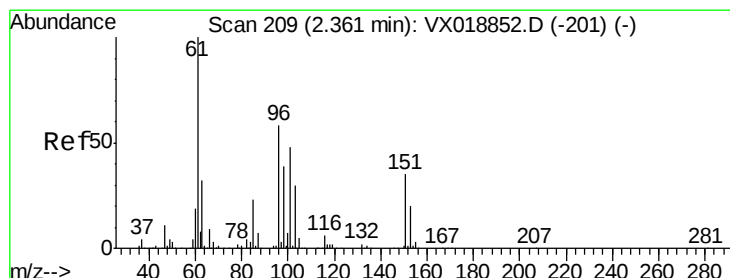
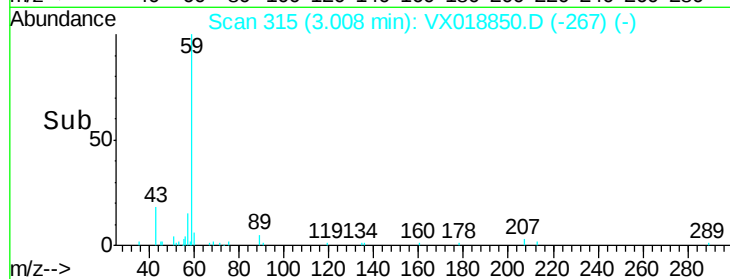
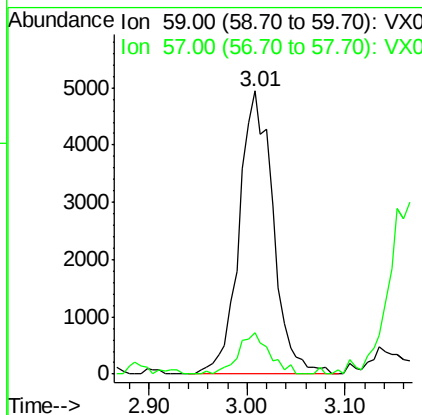
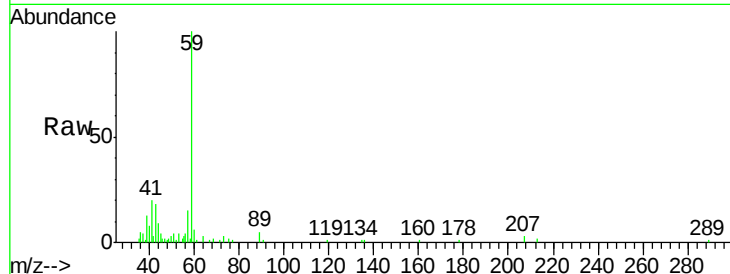
Tert butyl alcohol  
Concen: 24.883 ug/l  
RT: 3.01 min Scan# 315  
Delta R.T. -0.01 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion   | 59   | Resp  | 11872 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 57        | 13.4 | 9.0   | 13.6  |

Manual Integrations  
APPROVED

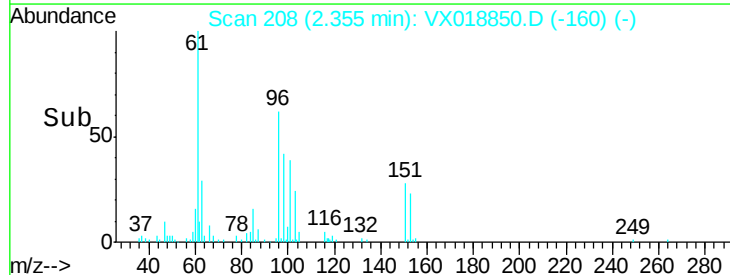
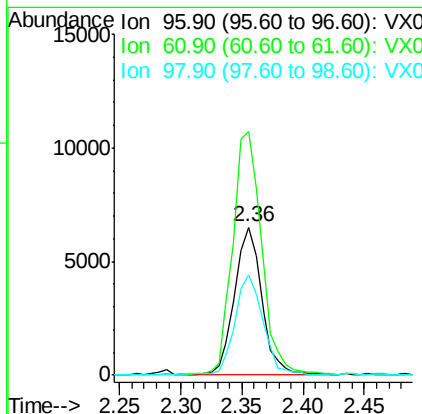
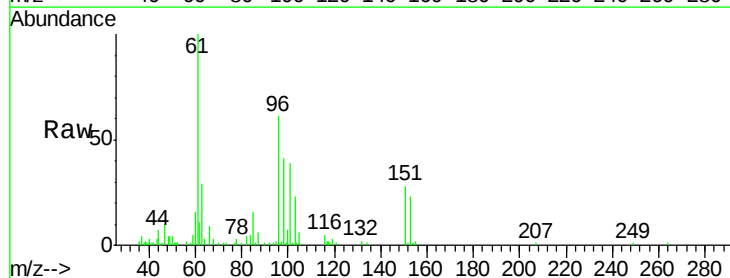
MMDadoda  
10/12/2020 2:23:21 PM

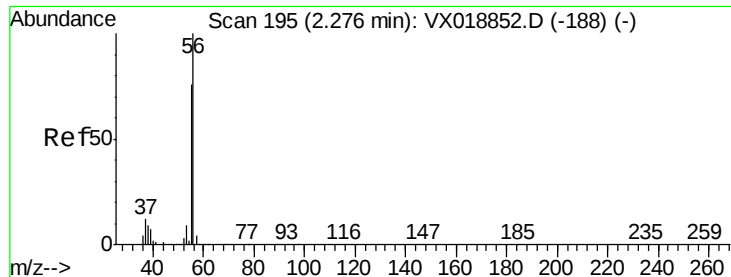


#12

1,1-Dichloroethene  
Concen: 5.375 ug/l  
RT: 2.36 min Scan# 208  
Delta R.T. -0.01 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

| Tgt Ion   | 96    | Resp  | 10120 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 61        | 164.3 | 137.0 | 205.6 |
| 98        | 67.4  | 53.9  | 80.9  |





#13

Acrolein

Concen: 35.799 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 11355

Ion Ratio Lower Upper

56 100

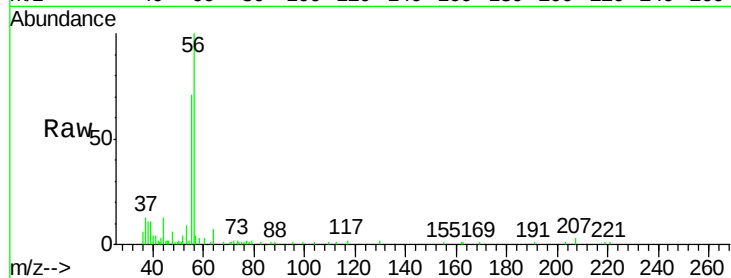
55 71.9 58.6 87.8

Manual Integrations

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MMDadoda

10/12/2020 2:23:21 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

8000

6000

4000

2000

0

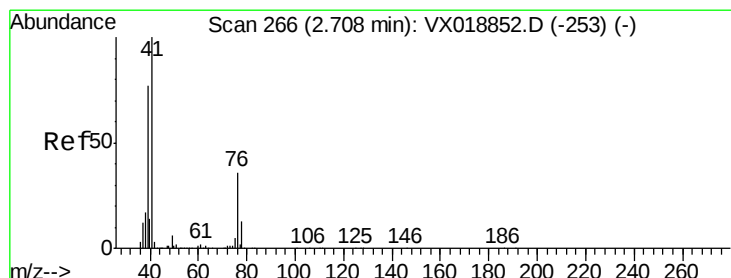
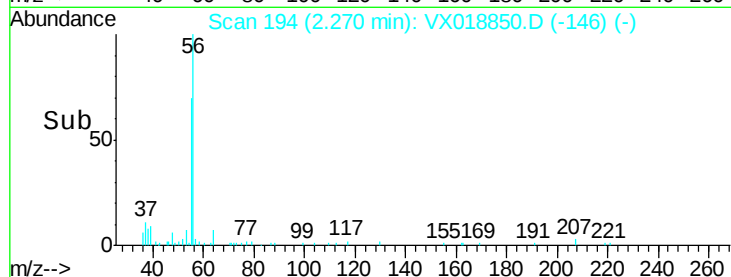
Time-->

2.20

2.25

2.30

2.35



#14

Allyl chloride

Concen: 4.838 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

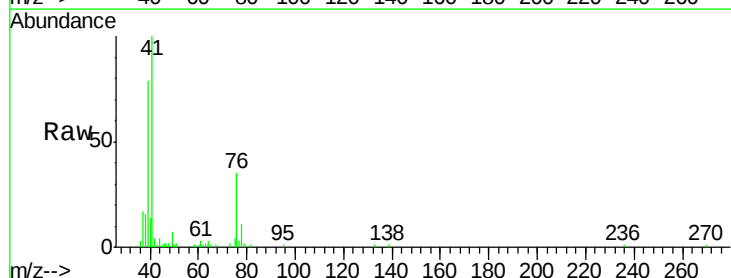
Tgt Ion: 41 Resp: 17457

Ion Ratio Lower Upper

41 100

39 75.4 57.8 86.8

76 32.2 26.8 40.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

12000

10000

8000

6000

4000

2000

0

Time-->

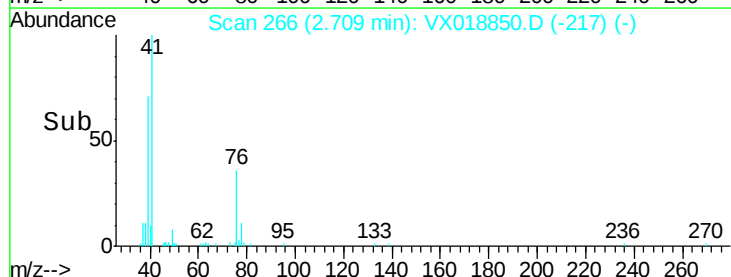
2.60

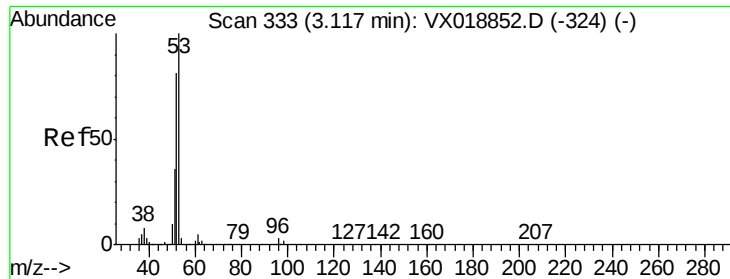
2.65

2.70

2.75

2.80





#15

Acrylonitrile

Concen: 22.628 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

Instrument :

MSVOA\_X

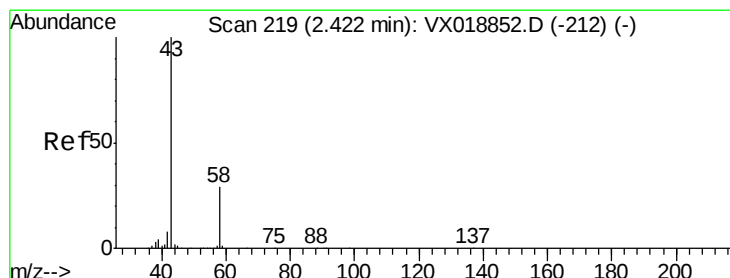
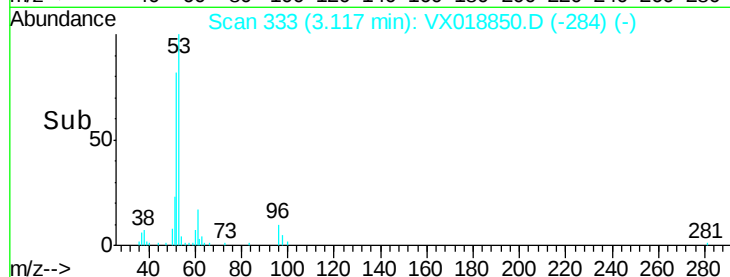
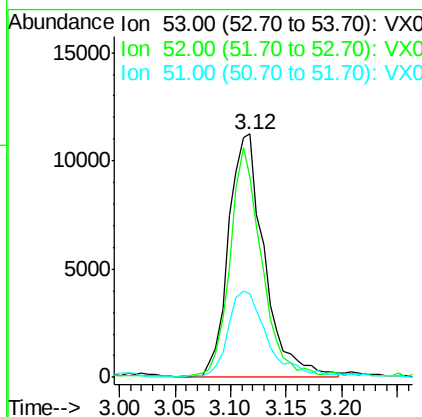
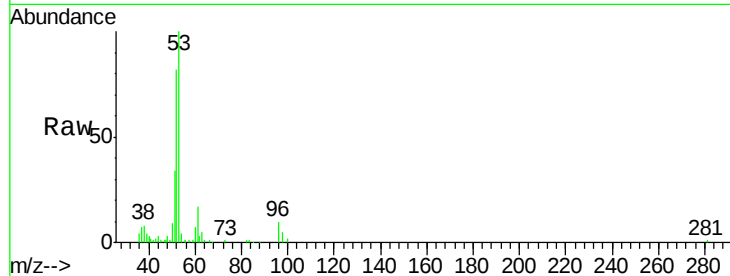
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 25230 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 83.1  | 66.7  | 100.1 |
| 51       | 40.0  | 30.3  | 45.5  |

Manual Integrations  
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#16

Acetone

Concen: 32.185 ug/l

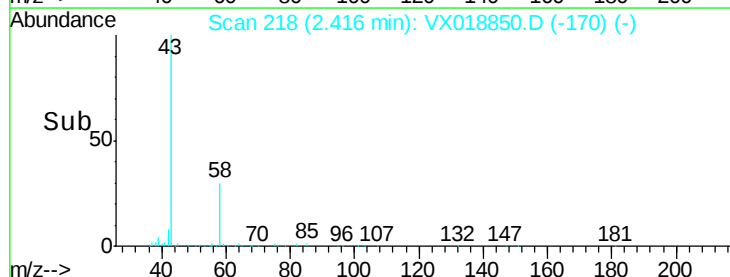
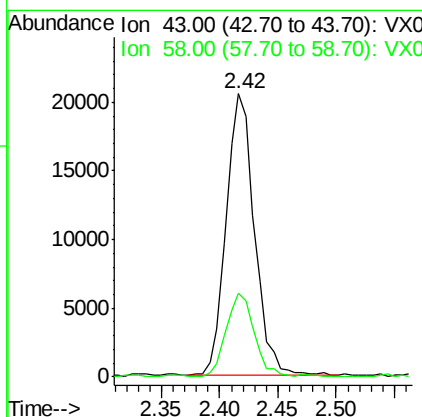
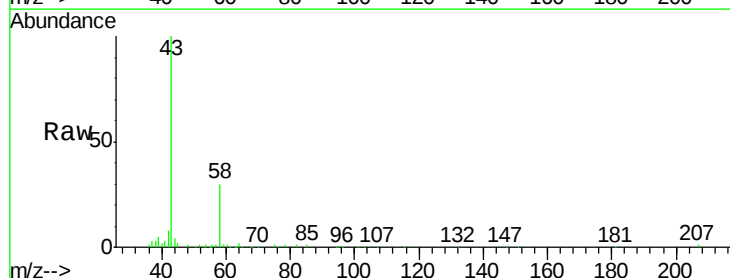
RT: 2.42 min Scan# 218

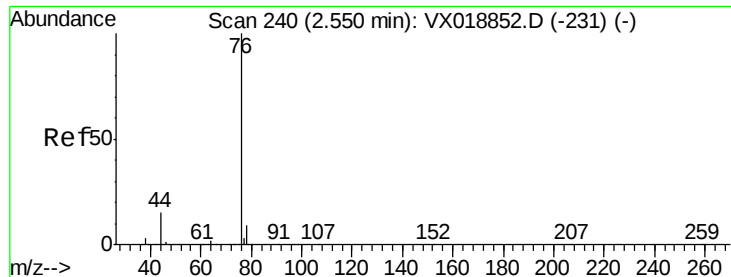
Delta R.T. -0.01 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 34660 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 29.9  | 23.0  | 34.4  |





#17

Carbon Disulfide

Concen: 5.075 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 28442

Ion Ratio Lower Upper

76 100

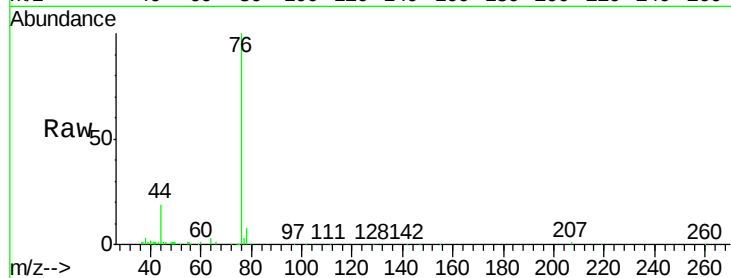
78 8.3 7.3 10.9

Manual Integrations

APPROVED

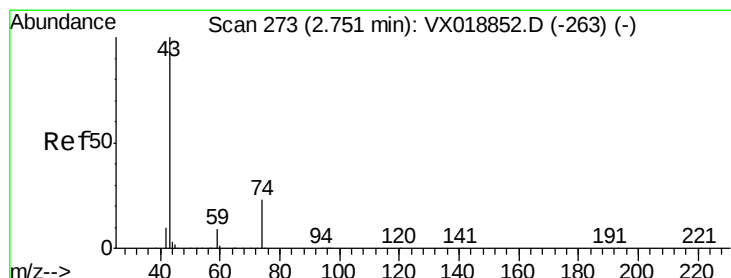
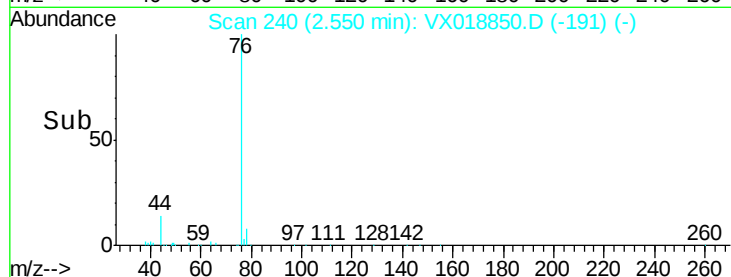
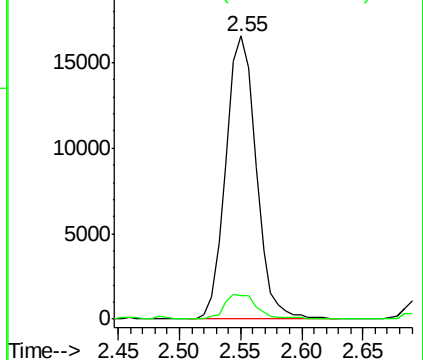
MMDadoda

10/12/2020 2:23:21 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 4.939 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018850.D

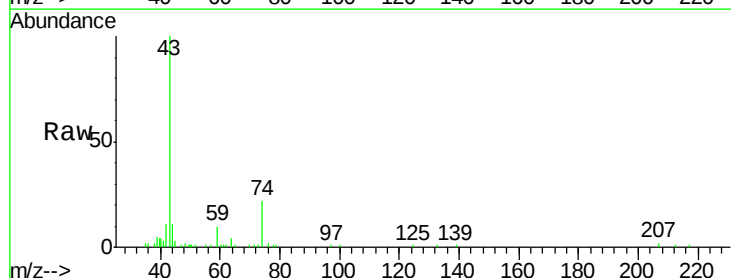
Acq: 09 Oct 2020 11:40

Tgt Ion: 43 Resp: 12676

Ion Ratio Lower Upper

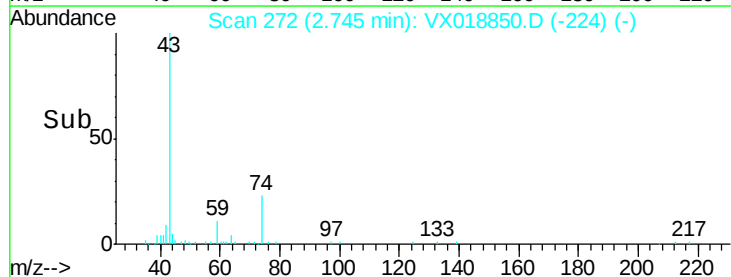
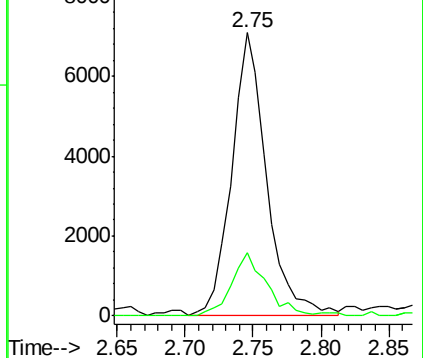
43 100

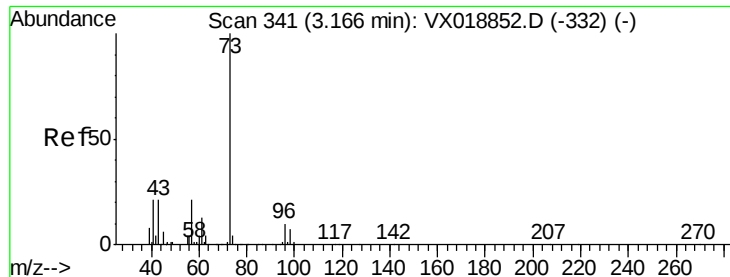
74 22.1 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

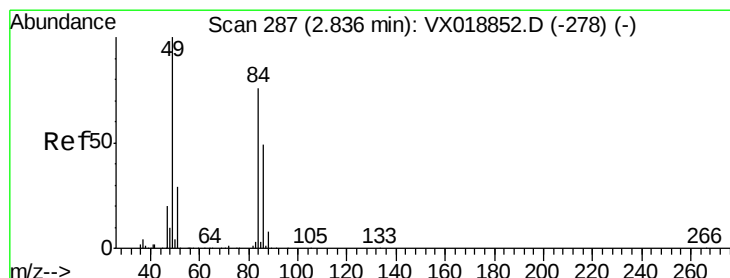
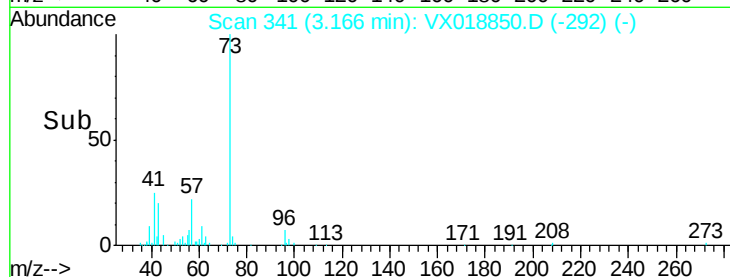
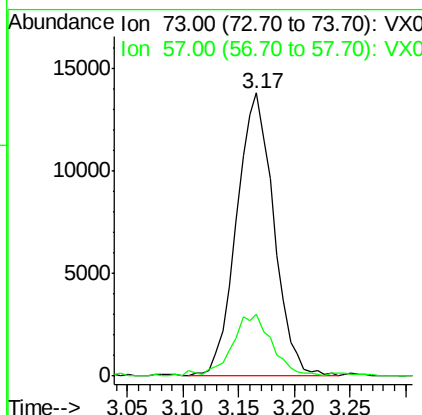
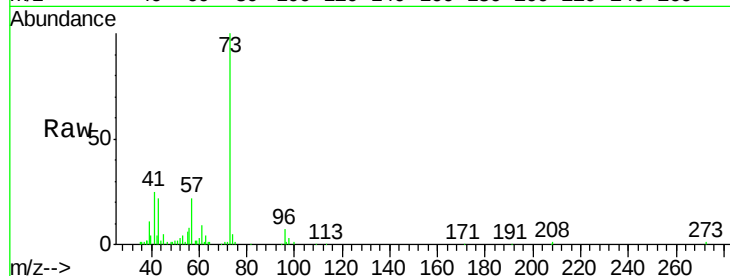
Methyl tert-butyl Ether  
Concen: 4.896 ug/l  
RT: 3.17 min Scan# 341  
Delta R.T. 0.00 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 20.9  | 16.7  | 25.1  |

Manual Integrations  
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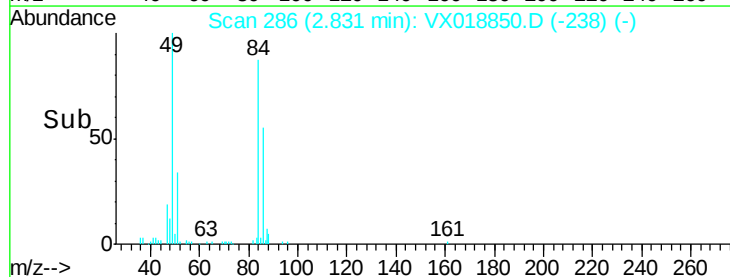
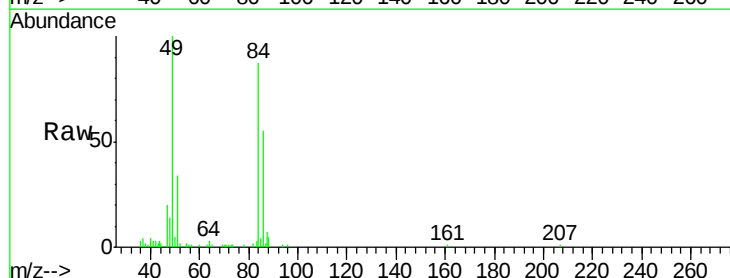
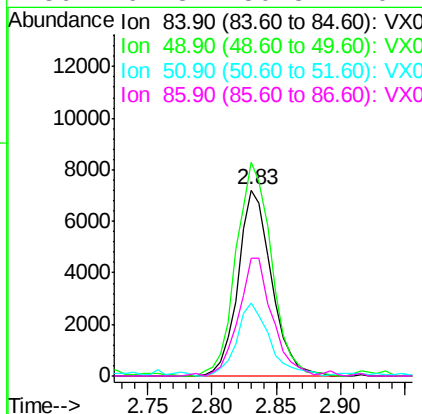
MMDadoda  
10/12/2020 2:23:21 PM

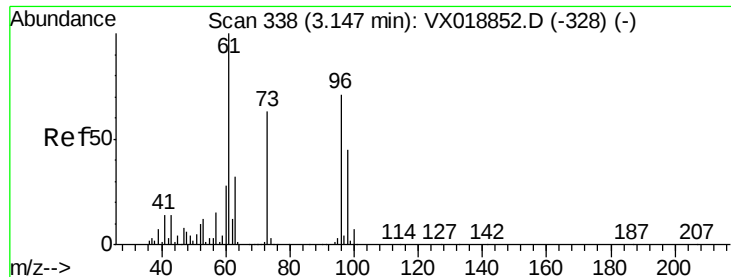


#20

Methylene Chloride  
Concen: 5.603 ug/l  
RT: 2.83 min Scan# 286  
Delta R.T. -0.01 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 115.0 | 104.8 | 157.2 |
| 51      | 38.3  | 30.6  | 46.0  |
| 86      | 62.3  | 50.8  | 76.2  |





#21

trans-1,2-Dichloroethene

Concen: 5.108 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

Instrument :

MSVOA\_X

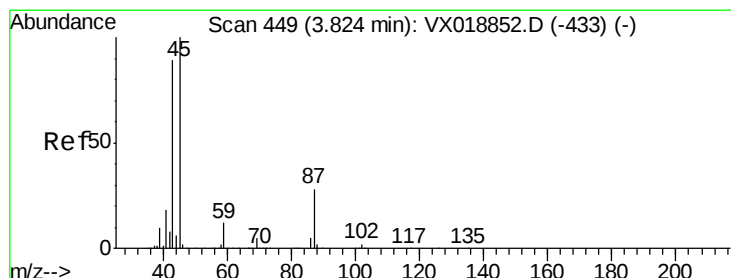
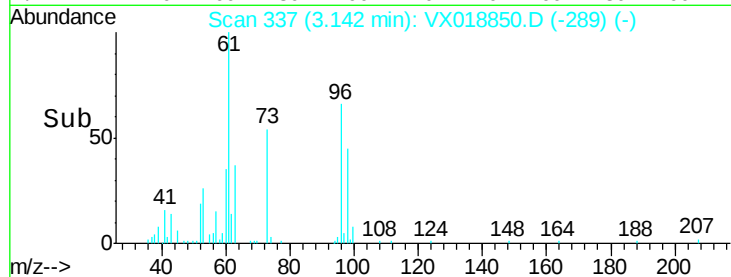
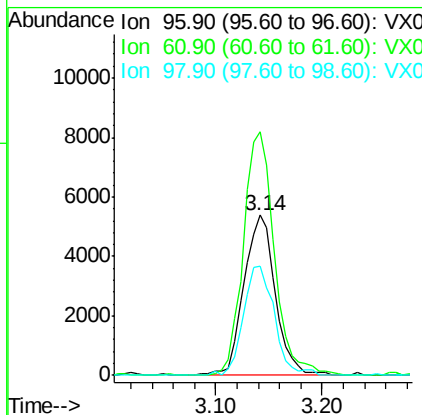
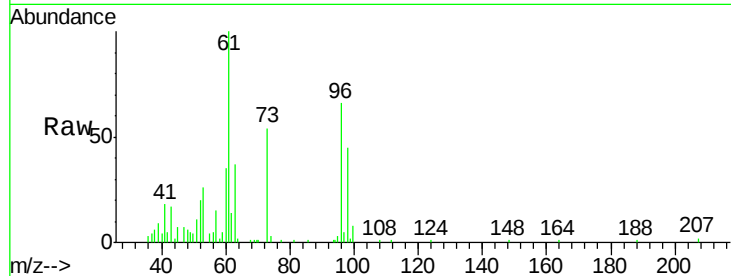
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 11197 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 151.9 | 112.0 | 168.0 |
| 98       | 68.1  | 50.2  | 75.2  |

Manual Integrations  
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MMDadoda  
10/12/2020 2:23:21 PM



#22

Diisopropyl ether

Concen: 4.662 ug/l

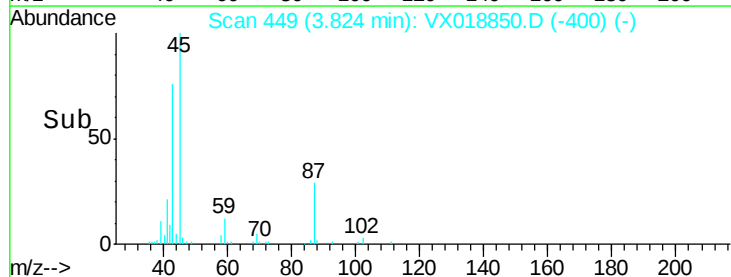
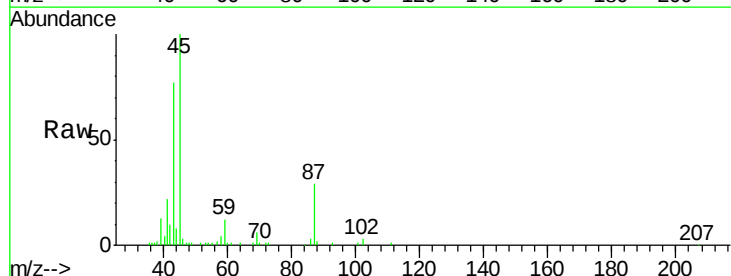
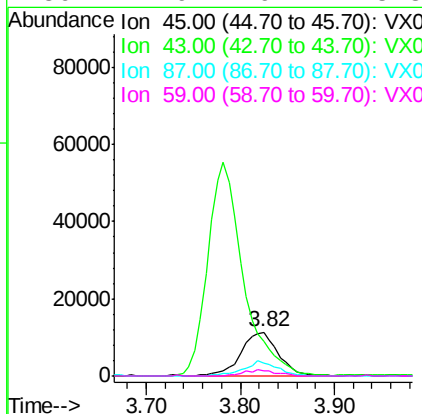
RT: 3.82 min Scan# 449

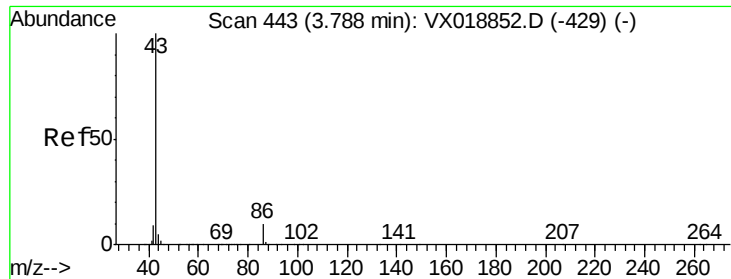
Delta R.T. 0.00 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 31337 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 75.0  | 71.2  | 106.8 |
| 87       | 29.4  | 22.5  | 33.7  |
| 59       | 11.9  | 9.2   | 13.8  |





#23

Vinyl Acetate

Concen: 23.974 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 145179

Ion Ratio Lower Upper

43 100

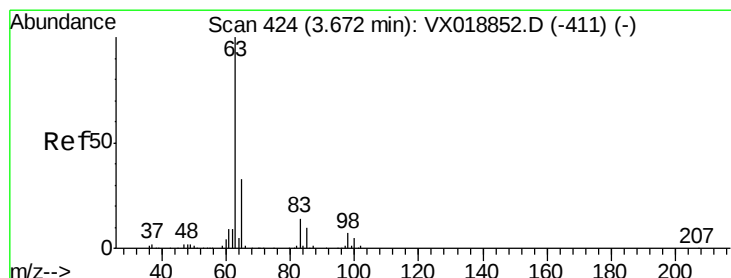
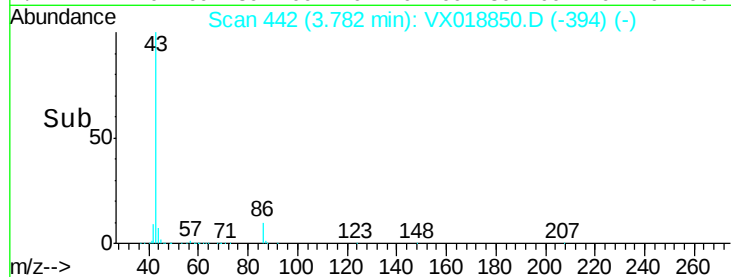
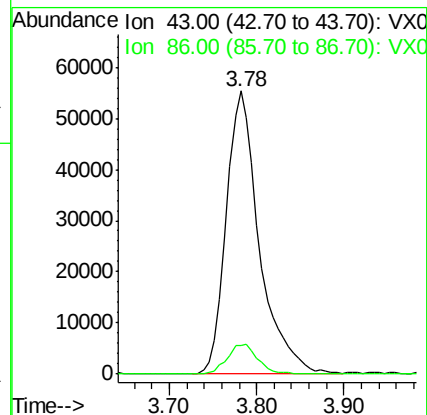
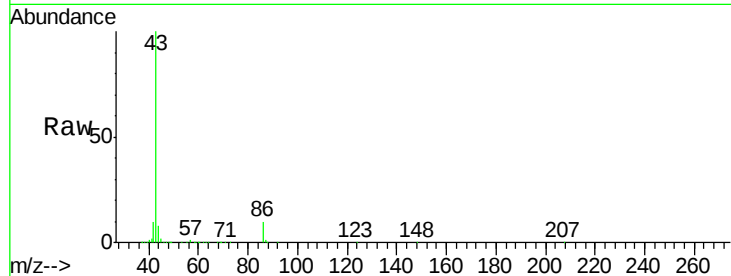
86 10.2 8.3 12.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 5.393 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

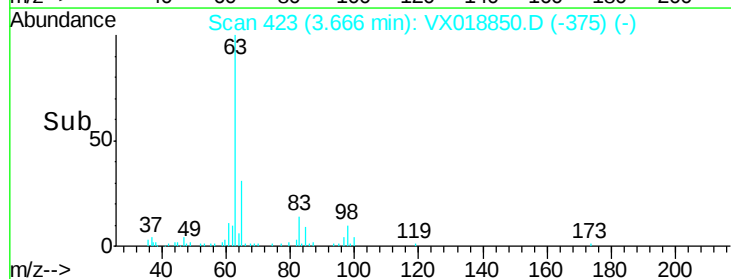
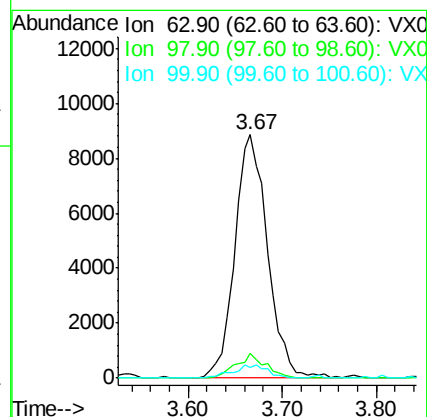
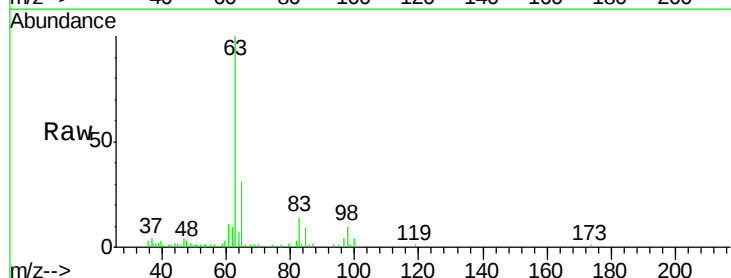
Tgt Ion: 63 Resp: 21350

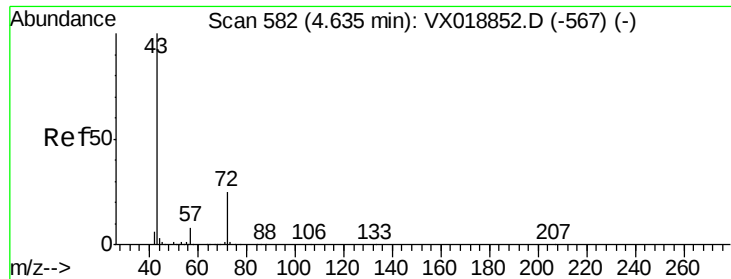
Ion Ratio Lower Upper

63 100

98 10.2 3.8 11.2

100 4.1 2.5 7.6





#25

2-Butanone

Concen: 25.036 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 40930

Ion Ratio Lower Upper

43 100

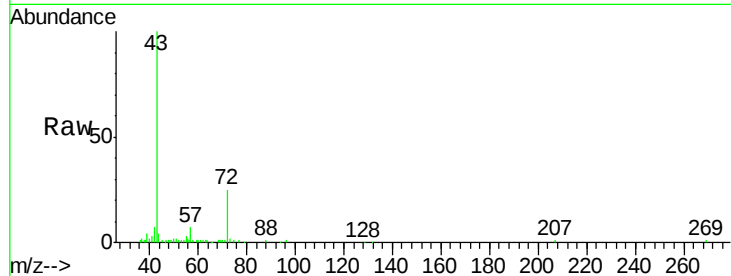
72 25.3 20.2 30.4

Manual Integrations

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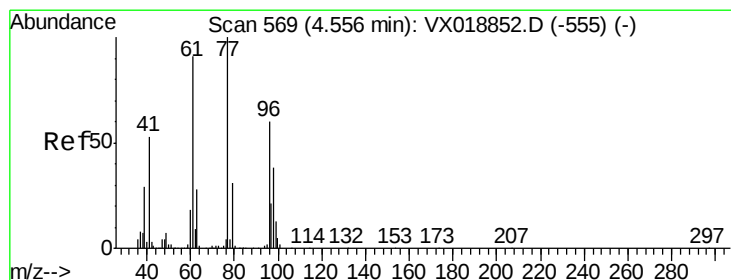
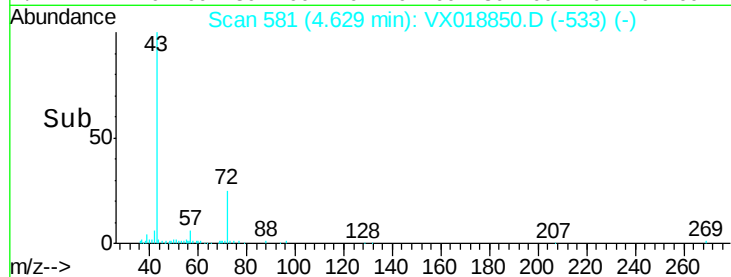
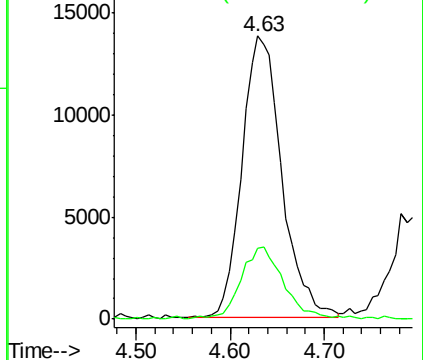
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 5.678 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018850.D

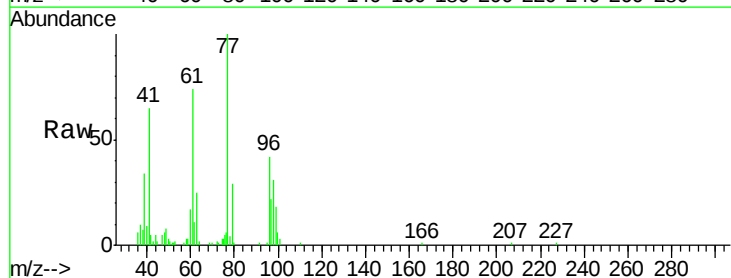
Acq: 09 Oct 2020 11:40

Tgt Ion: 77 Resp: 21025

Ion Ratio Lower Upper

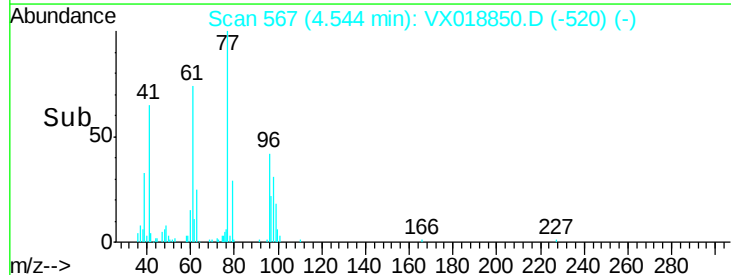
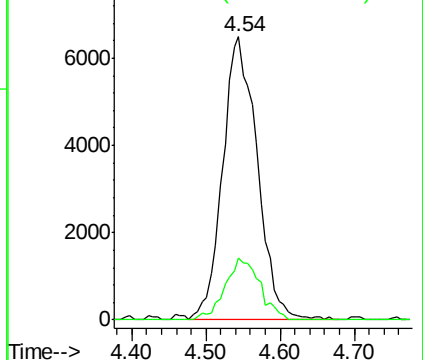
77 100

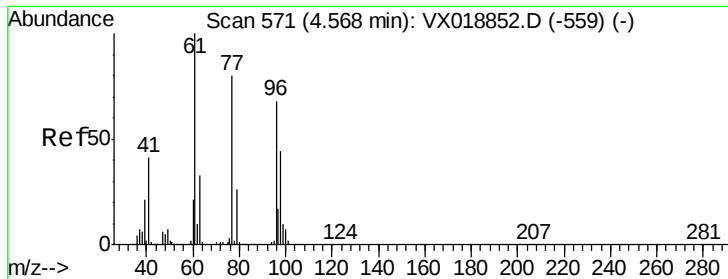
97 22.0 10.4 31.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

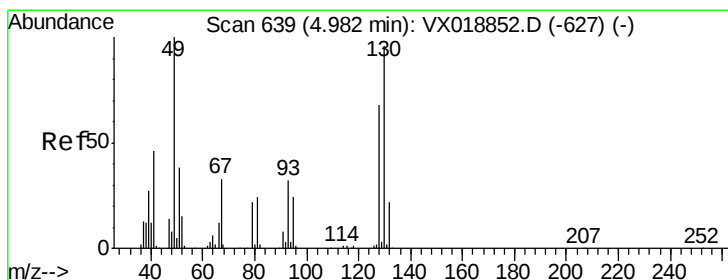
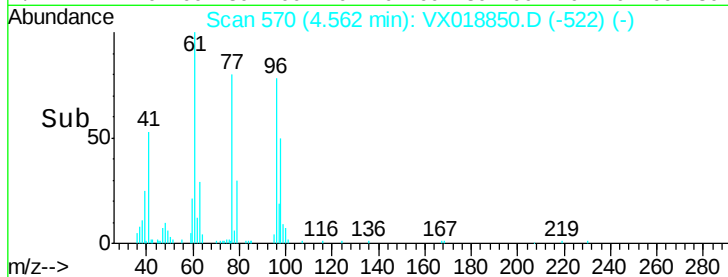
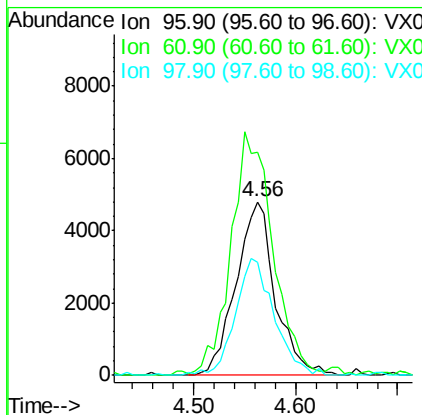
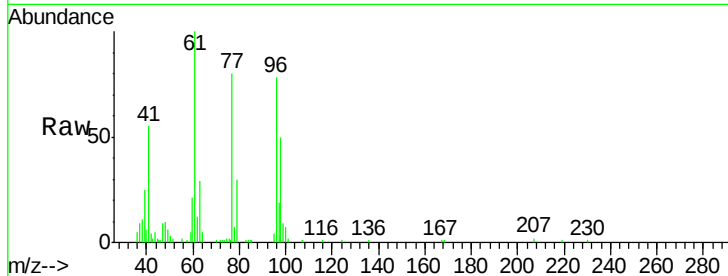
cis-1,2-Dichloroethene  
Concen: 5.252 ug/l  
RT: 4.56 min Scan# 570  
Delta R.T. -0.01 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 149.9 | 0.0   | 306.8 |
| 98      | 66.3  | 0.0   | 130.2 |

Manual Integrations  
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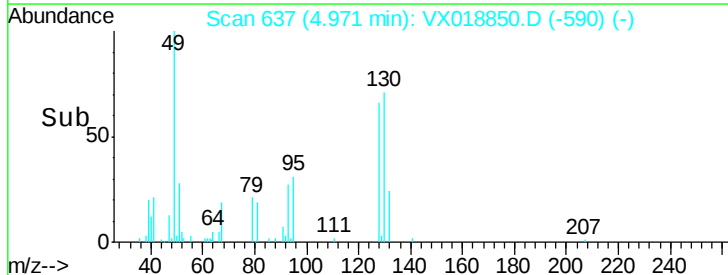
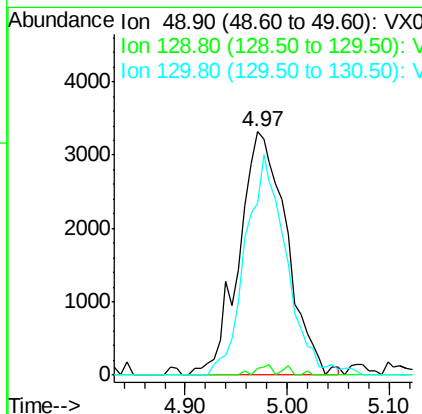
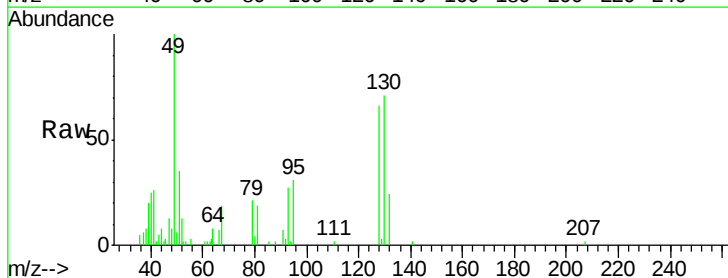
MMDadoda  
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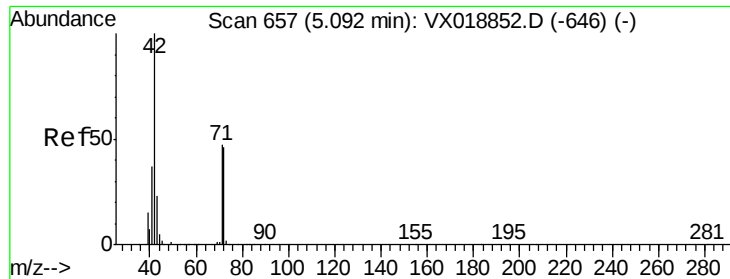


#28

Bromochloromethane  
Concen: 5.885 ug/l  
RT: 4.97 min Scan# 637  
Delta R.T. -0.01 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.4   | 0.0   | 5.4   |
| 130     | 78.2  | 71.2  | 106.8 |





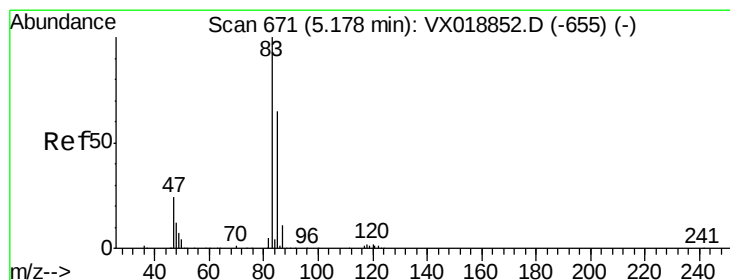
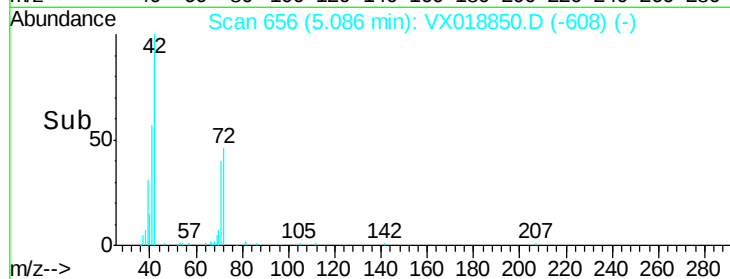
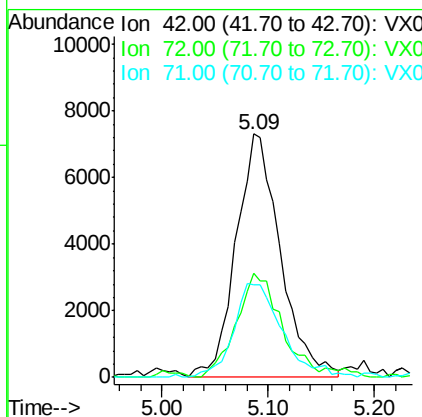
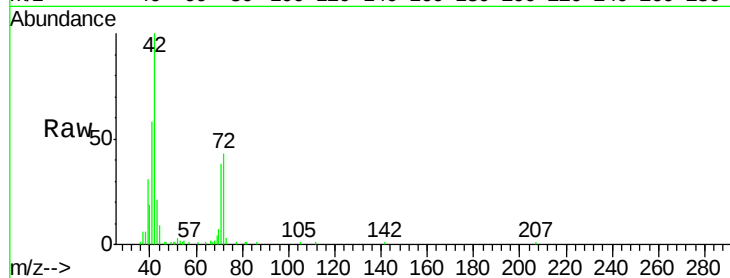
#29  
Tetrahydrofuran  
Concen: 21.254 ug/l  
RT: 5.09 min Scan# 656  
Delta R.T. -0.01 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 42    | Resp: | 21316 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 42.8  | 36.4  | 54.6  |
| 71       | 42.3  | 35.2  | 52.8  |

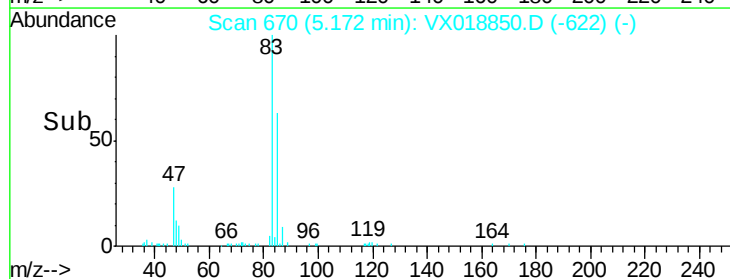
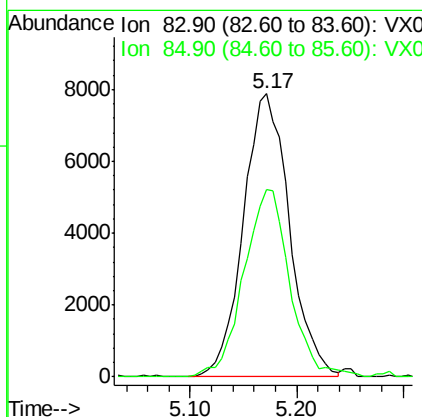
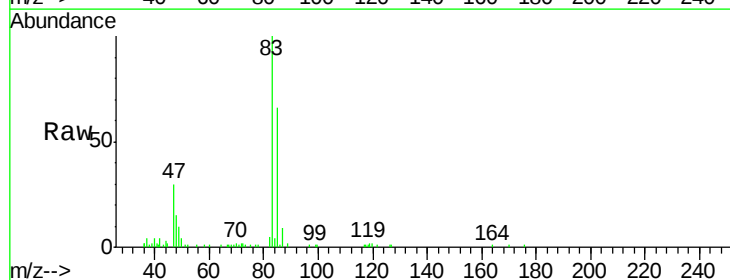
Manual Integrations  
APPROVED

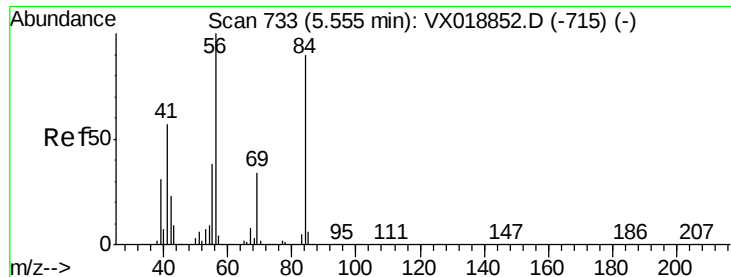
MMDadoda  
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#30  
Chloroform  
Concen: 5.881 ug/l  
RT: 5.17 min Scan# 670  
Delta R.T. -0.01 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 23919 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 66.8  | 51.8  | 77.8  |





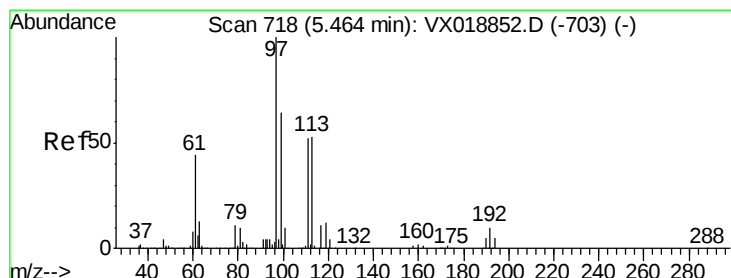
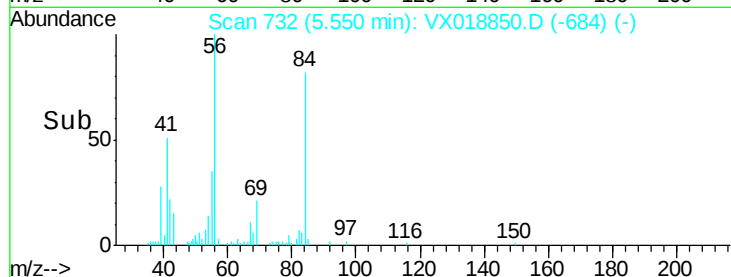
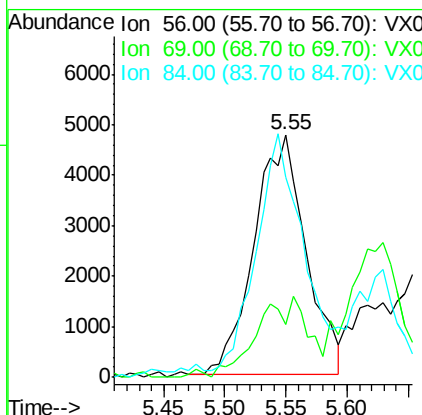
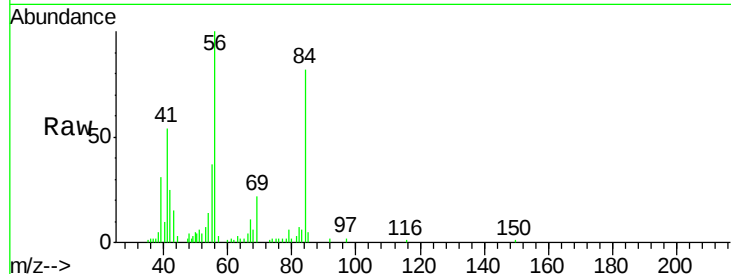
#31  
Cyclohexane  
Concen: 4.351 ug/l  
RT: 5.55 min Scan# 732  
Delta R.T. -0.01 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

Tot Ion: 56 Resp: 14047  
Ion Ratio Lower Upper  
56 100  
69 20.9 27.1 40.7#  
84 80.4 71.7 107.5

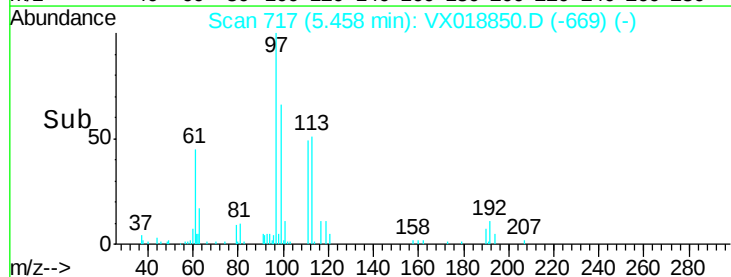
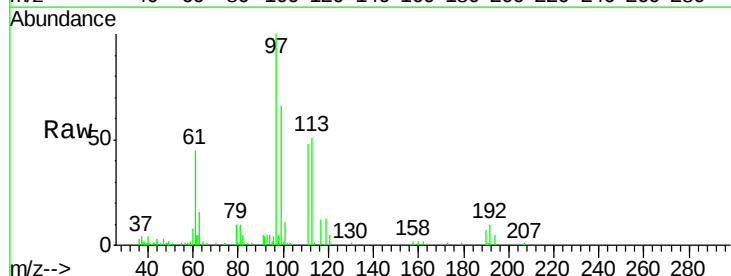
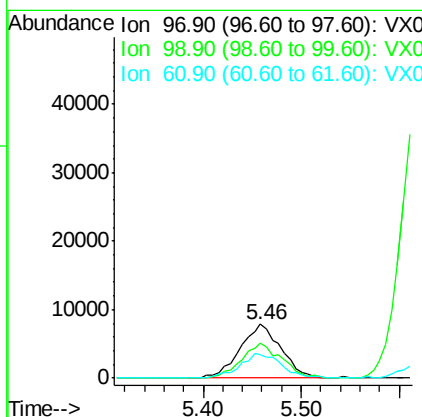
Manual Integrations  
APPROVED

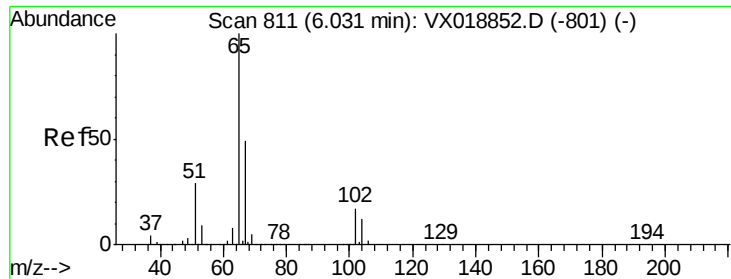
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#32  
1,1,1-Trichloroethane  
Concen: 5.957 ug/l  
RT: 5.46 min Scan# 717  
Delta R.T. -0.01 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

Tgt Ion: 97 Resp: 22782  
Ion Ratio Lower Upper  
97 100  
99 63.9 52.1 78.1  
61 46.1 35.3 52.9





#33

1,2-Dichloroethane-d4

Concen: 6.116 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 17146

Ion Ratio Lower Upper

65 100

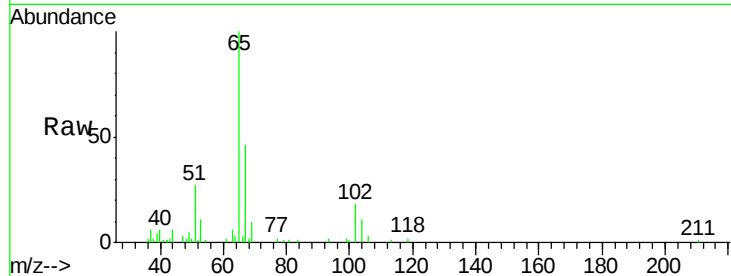
67 52.0 0.0 97.0

Manual Integrations

APPROVED

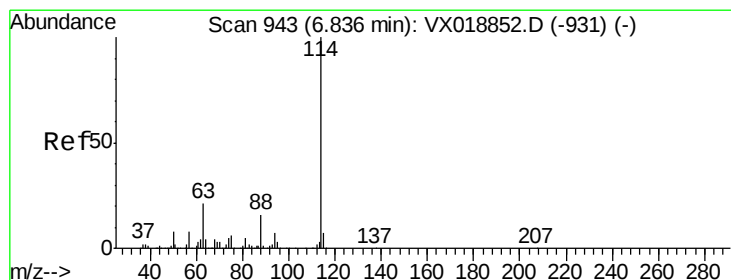
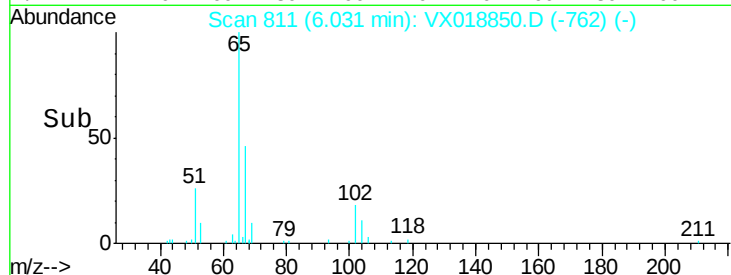
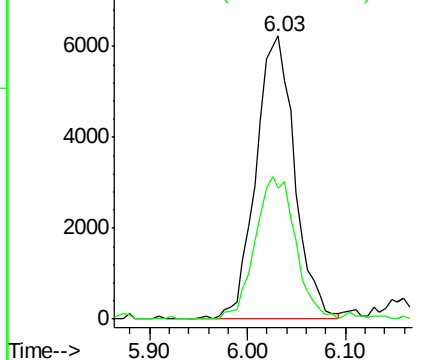
MMDadoda

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

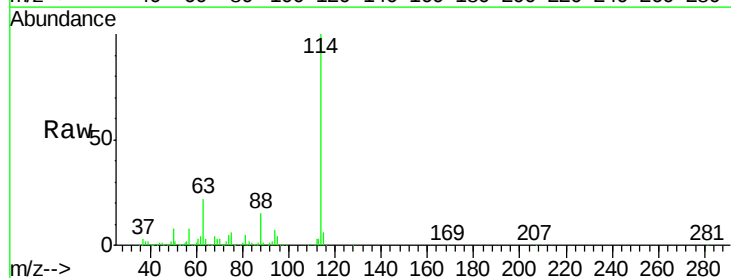
Tgt Ion: 114 Resp: 289251

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.4

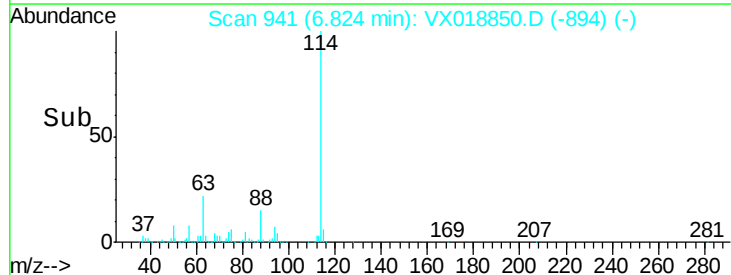
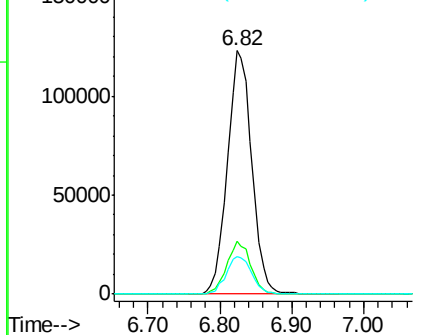
88 15.5 0.0 32.6

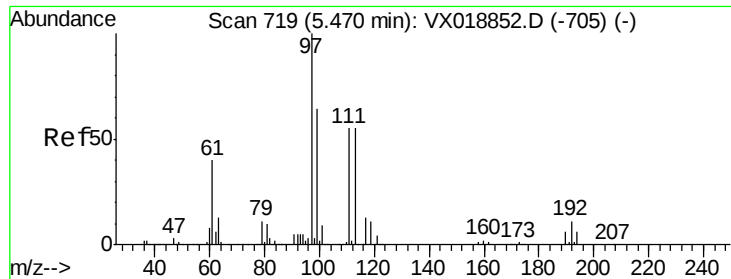


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





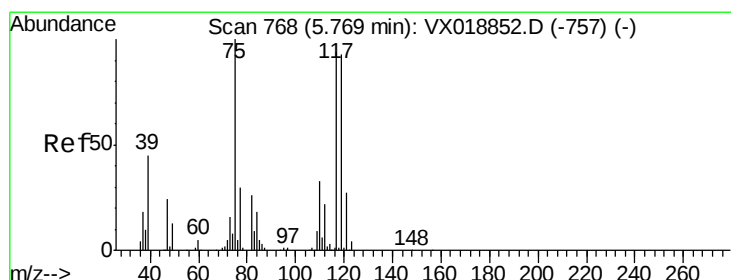
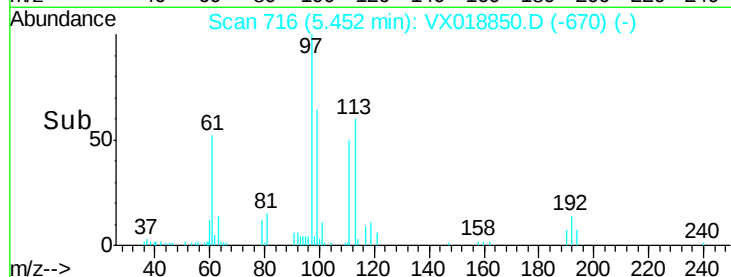
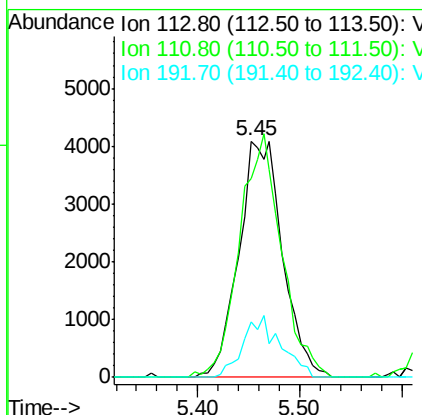
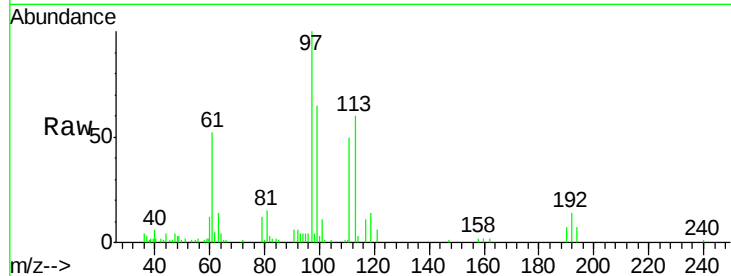
#35  
 Dibromofluoromethane  
 Concen: 6.028 ug/l  
 RT: 5.45 min Scan# 716  
 Delta R.T. -0.02 min  
 Lab File: VX018850.D  
 Acq: 09 Oct 2020 11:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 98.8  | 80.1  | 120.1 |
| 192     | 22.0  | 16.0  | 24.0  |

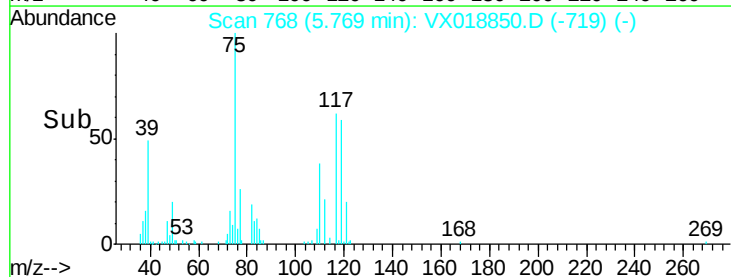
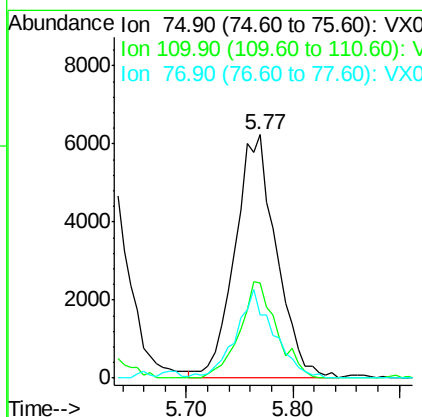
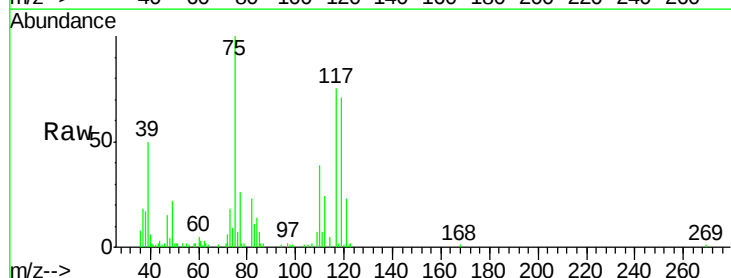
Manual Integrations  
 APPROVED

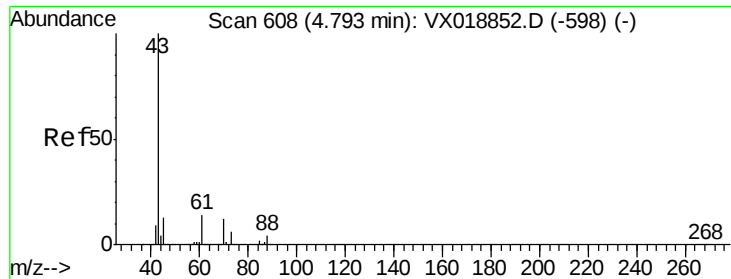
MMDadoda  
 10/12/2020 2:23:21 PM



#36  
 1,1-Dichloropropene  
 Concen: 6.063 ug/l  
 RT: 5.77 min Scan# 768  
 Delta R.T. 0.00 min  
 Lab File: VX018850.D  
 Acq: 09 Oct 2020 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 35.3  | 17.8  | 53.5  |
| 77      | 33.0  | 24.2  | 36.4  |





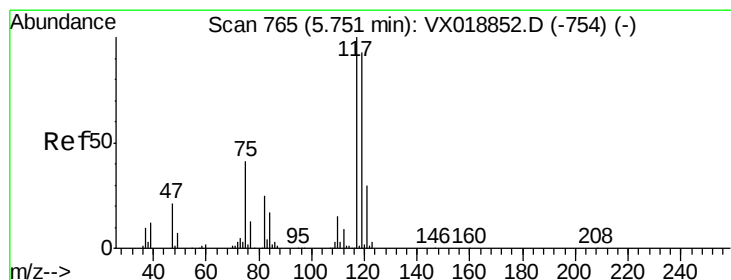
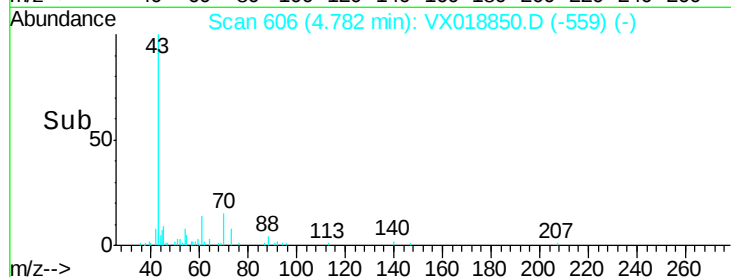
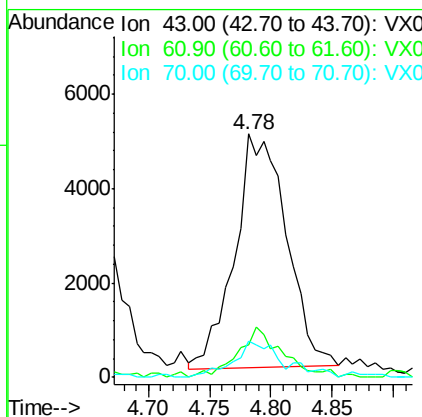
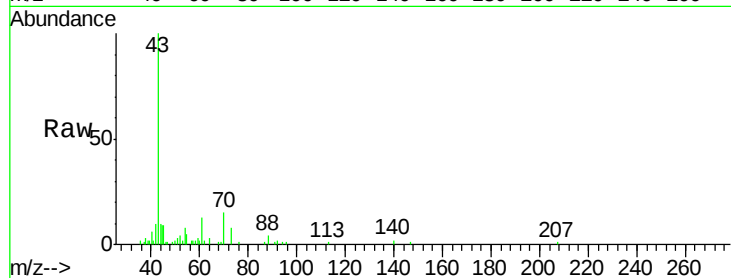
#37  
Ethyl Acetate  
Concen: 4.878 ug/l  
RT: 4.78 min Scan# 606  
Delta R.T. -0.01 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 18.7  | 10.9  | 16.3# |
| 70      | 12.0  | 8.6   | 13.0  |

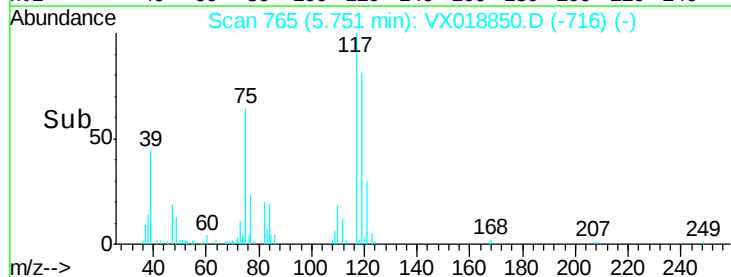
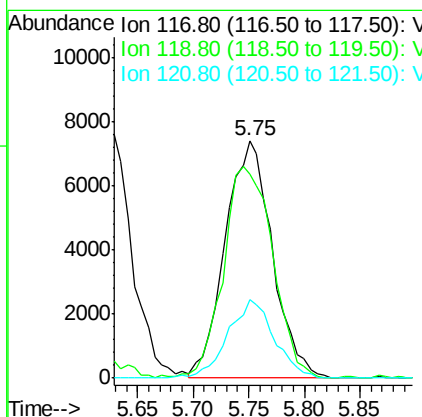
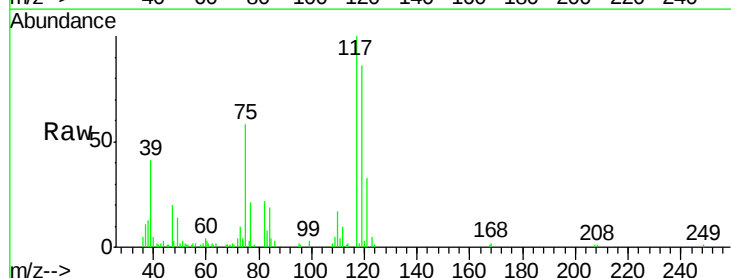
Manual Integrations  
APPROVED

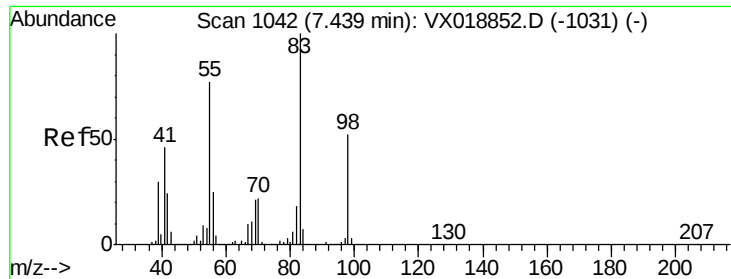
MMDadoda  
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#38  
Carbon Tetrachloride  
Concen: 6.812 ug/l  
RT: 5.75 min Scan# 765  
Delta R.T. 0.00 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 85.9  | 73.9  | 110.9 |
| 121     | 32.9  | 23.6  | 35.4  |





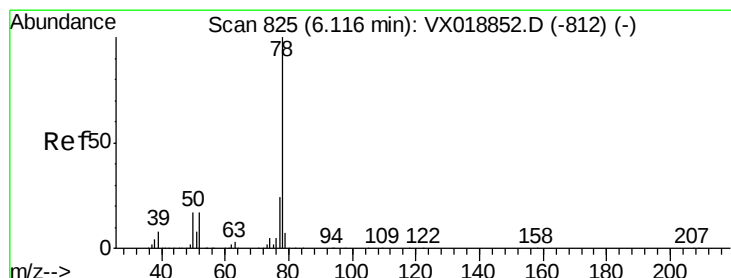
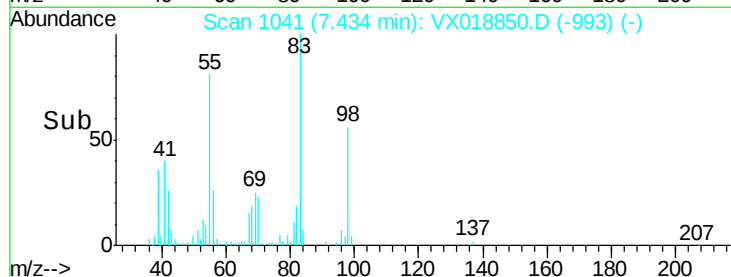
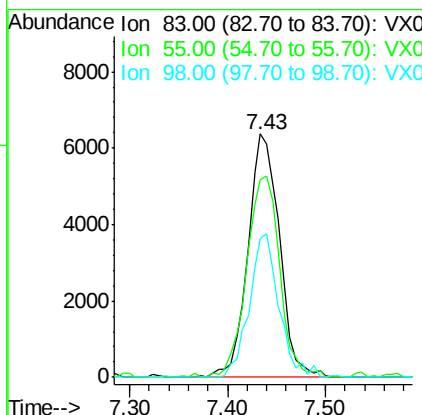
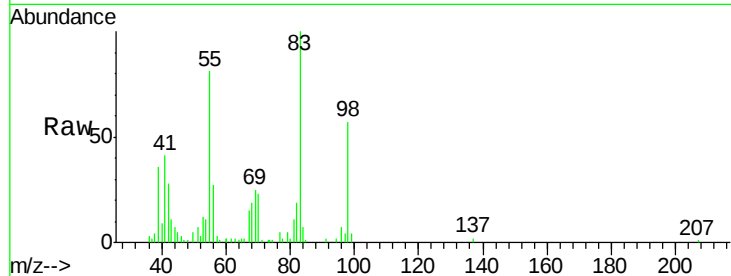
#39  
Methvlcvclohexane  
Concen: 4.648 ug/l  
RT: 7.43 min Scan# 1041  
Delta R.T. -0.01 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 81.2  | 61.8  | 92.6  |
| 98      | 56.8  | 41.4  | 62.0  |

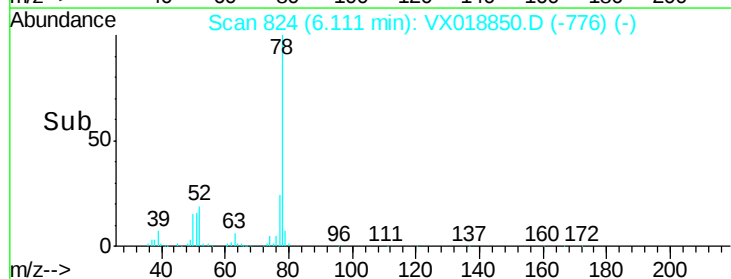
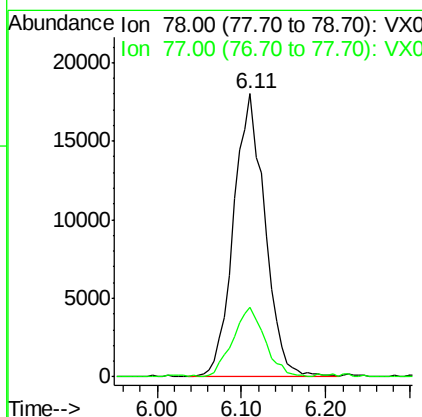
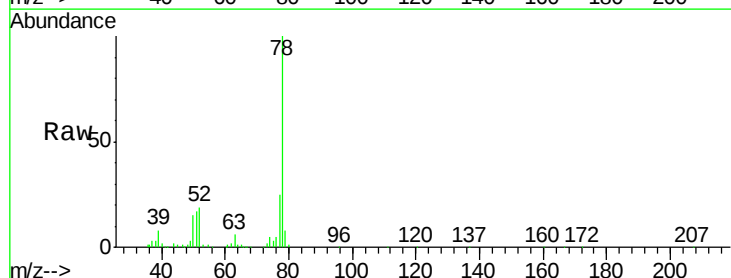
Manual Integrations  
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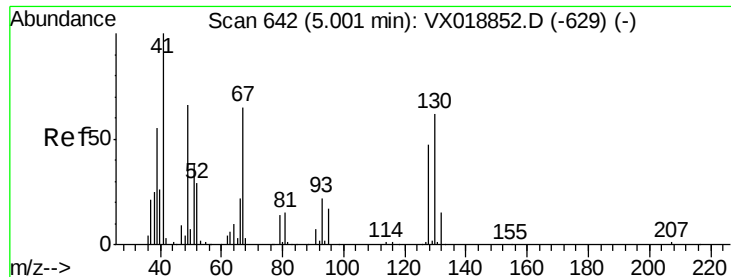
MMDadoda  
10/12/2020 2:23:21 PM



#40  
Benzene  
Concen: 5.644 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. -0.01 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.8  | 19.1  | 28.7  |





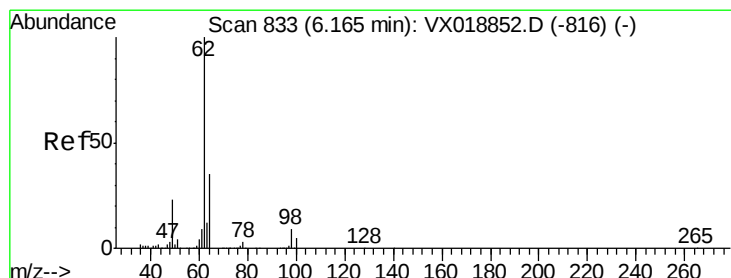
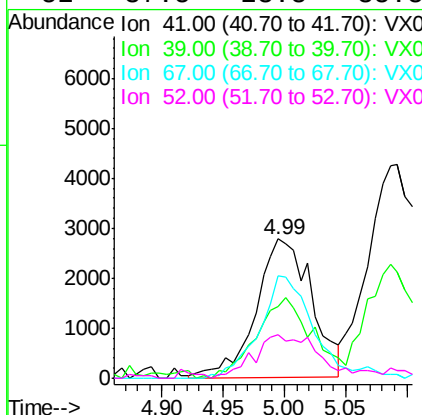
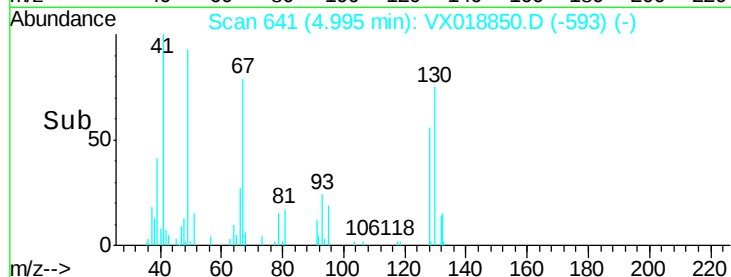
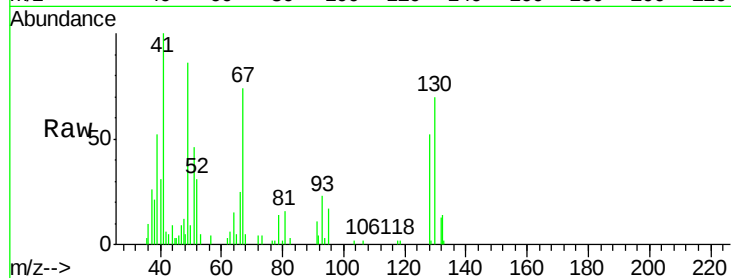
#41  
Methacrylonitrile  
Concen: 5.273 ug/l  
RT: 4.99 min Scan# 641  
Delta R.T. -0.01 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 59.0  | 45.4  | 68.2  |
| 67      | 69.0  | 55.4  | 83.2  |
| 52      | 37.5  | 23.8  | 35.8# |

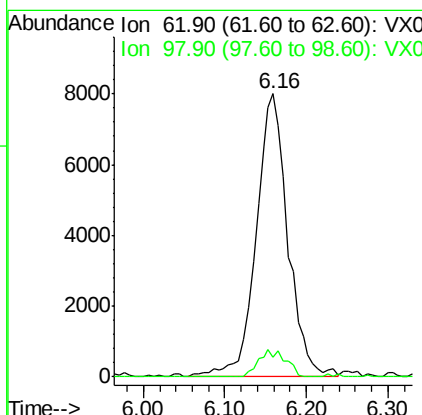
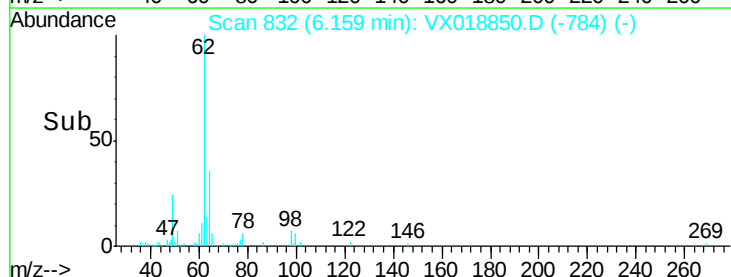
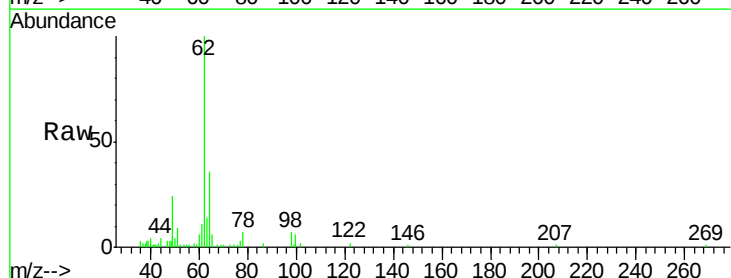
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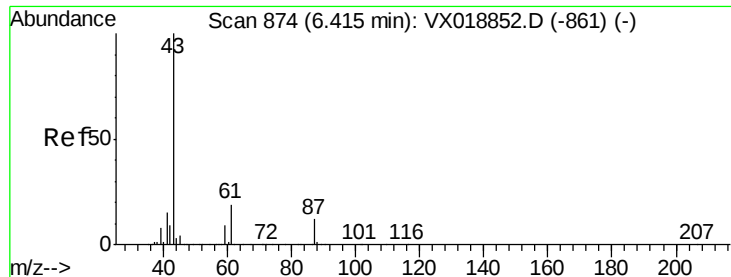
MMDadoda  
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#42  
1,2-Dichloroethane  
Concen: 6.749 ug/l  
RT: 6.16 min Scan# 832  
Delta R.T. -0.01 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 8.1   | 0.0   | 16.4  |





#43

Isopropyl Acetate

Concen: 5.248 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

Instrument :

MSVOA\_X

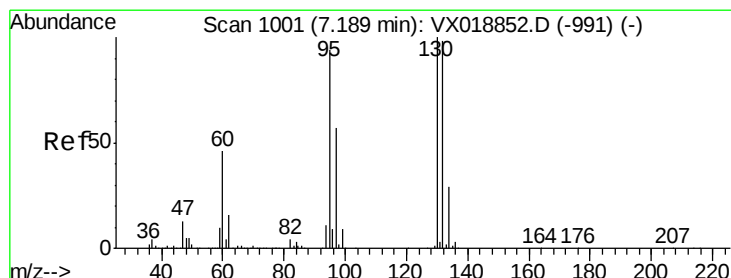
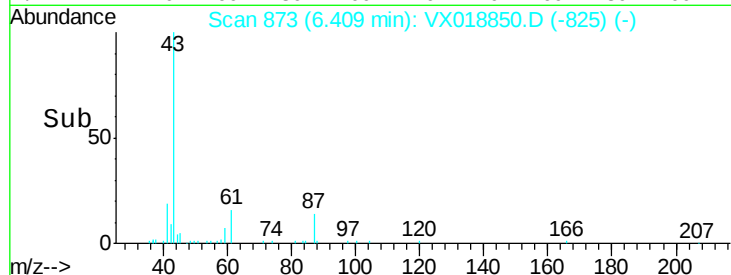
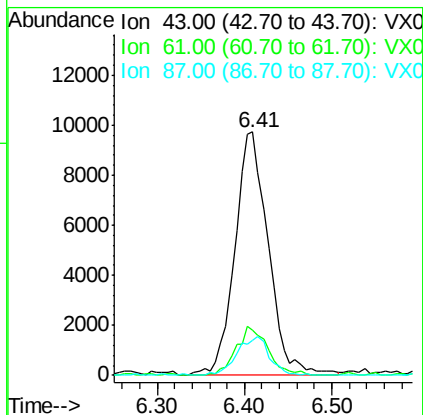
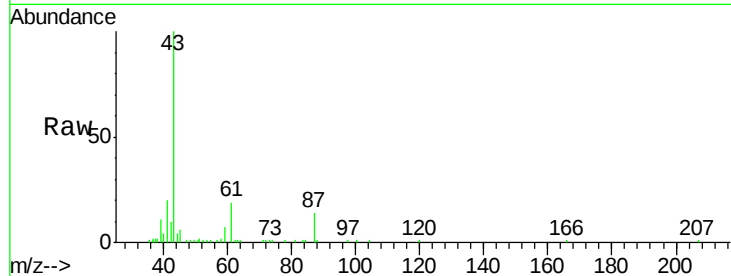
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 25913 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 19.0  | 15.5  | 23.3  |
| 87       | 15.3  | 10.8  | 16.2  |

Manual Integrations  
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#44

Trichloroethene

Concen: 6.140 ug/l

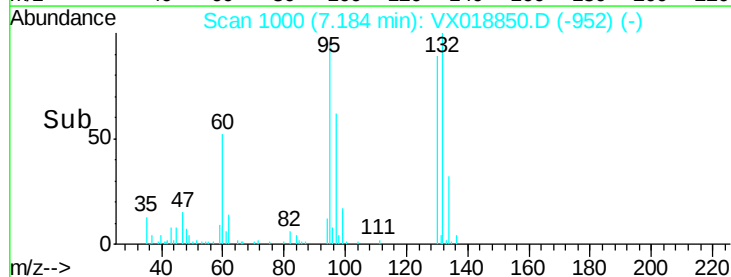
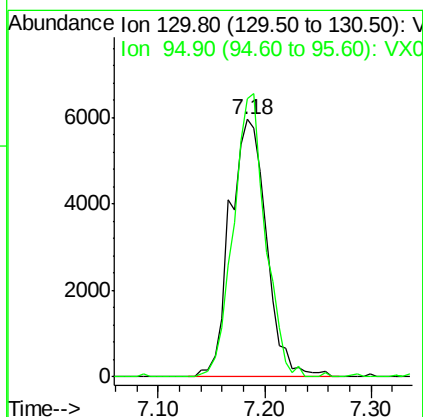
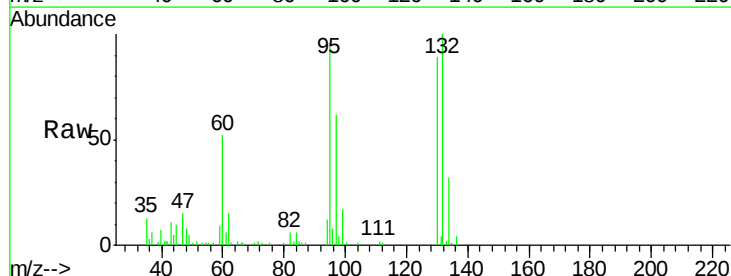
RT: 7.18 min Scan# 1000

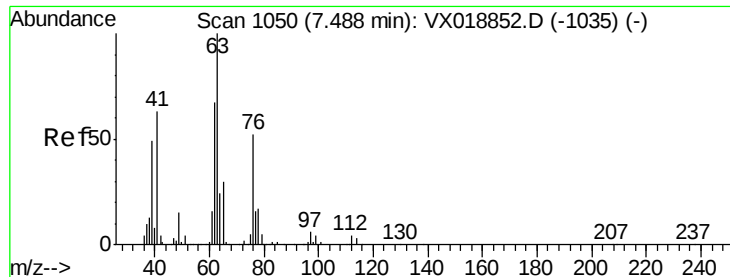
Delta R.T. -0.01 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 14326 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 107.9 | 0.0   | 188.4 |





#45

1,2-Dichloropropane

Concen: 5.522 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 63 Resp: 12127

Ion Ratio Lower Upper

63 100

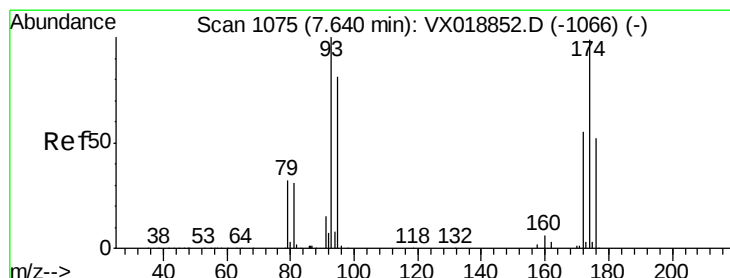
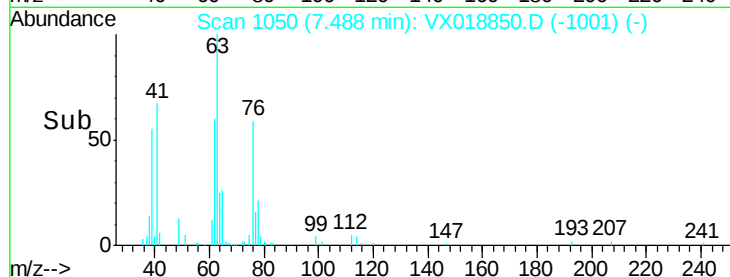
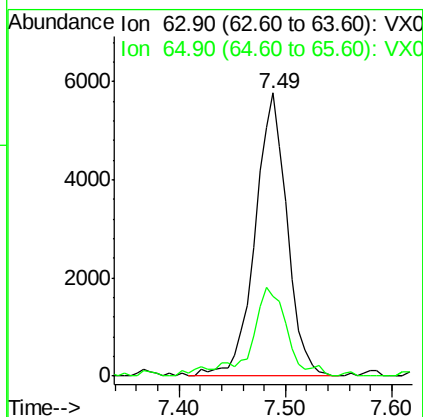
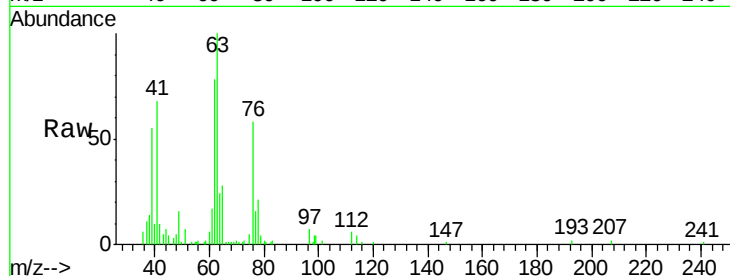
65 28.2 24.2 36.4

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#46

Dibromomethane

Concen: 6.225 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

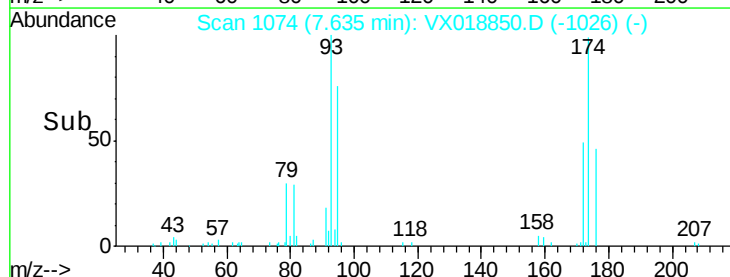
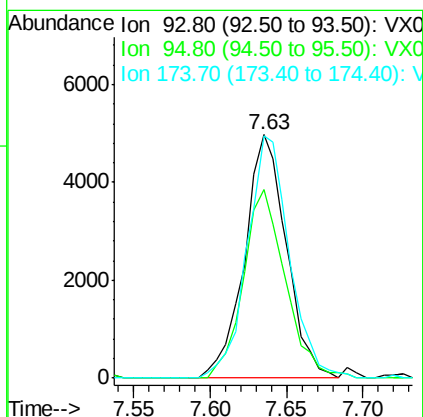
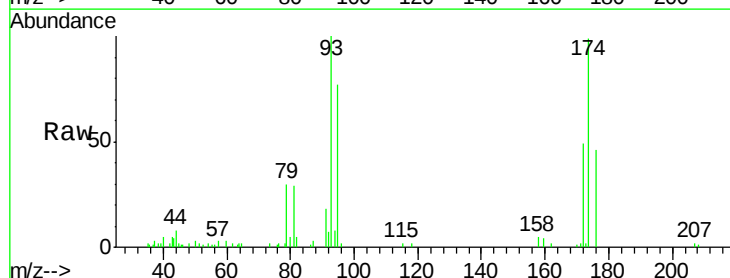
Tgt Ion: 93 Resp: 9469

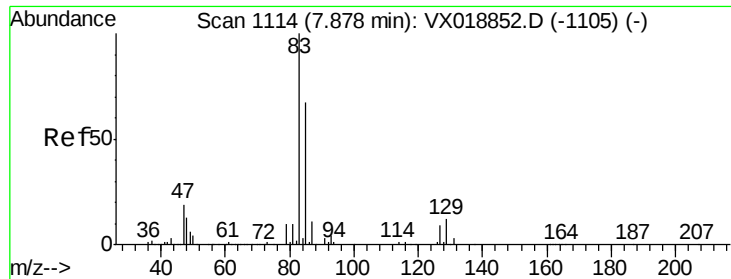
Ion Ratio Lower Upper

93 100

95 77.6 66.1 99.1

174 100.7 84.6 127.0





#47

Bromodichloromethane

Concen: 6.225 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

Instrument :

MSVOA\_X

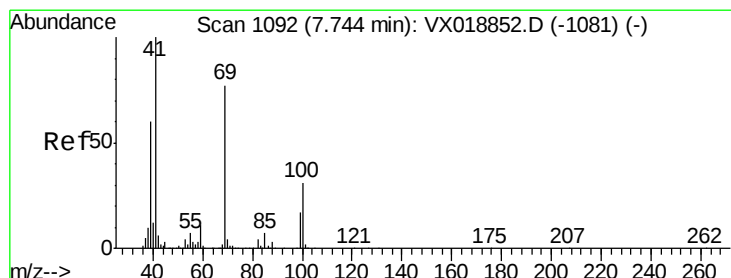
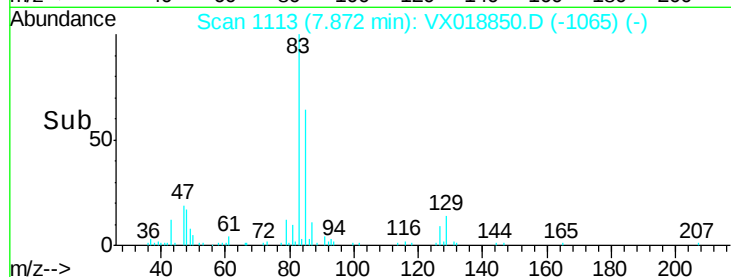
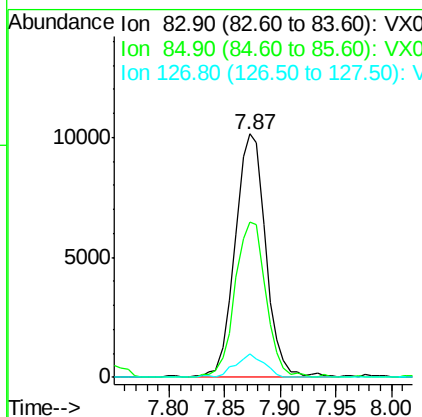
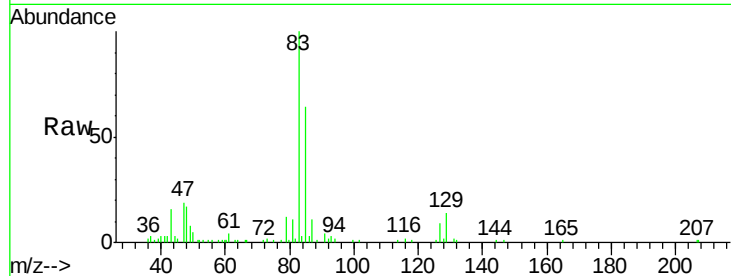
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 19342 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.7  | 53.8  | 80.6  |
| 127      | 9.4   | 7.5   | 11.3  |

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#48

Methyl methacrylate

Concen: 5.298 ug/l

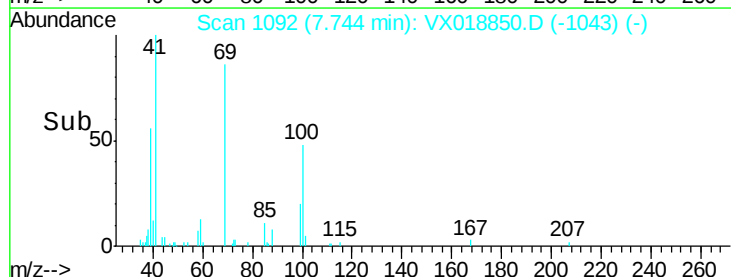
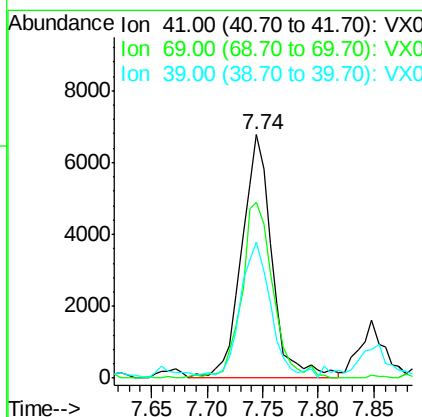
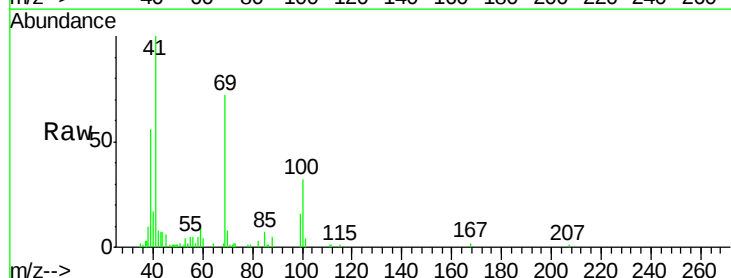
RT: 7.74 min Scan# 1092

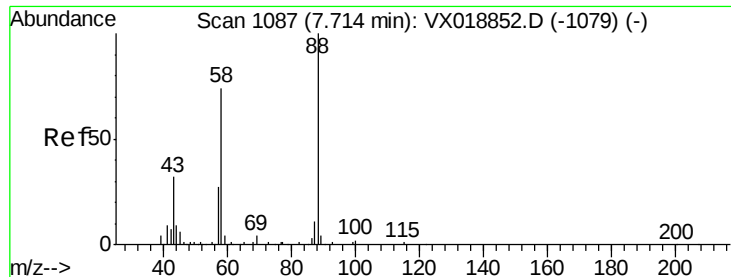
Delta R.T. 0.00 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 12824 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 74.8  | 64.6  | 97.0  |
| 39       | 52.6  | 48.6  | 73.0  |





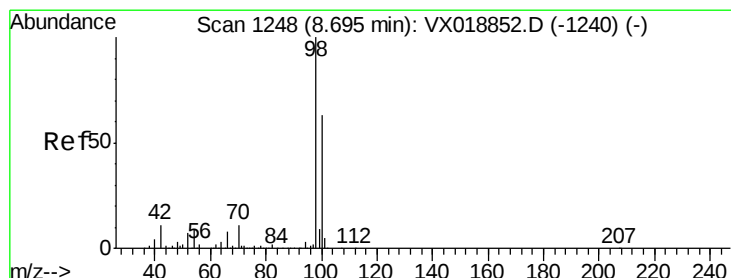
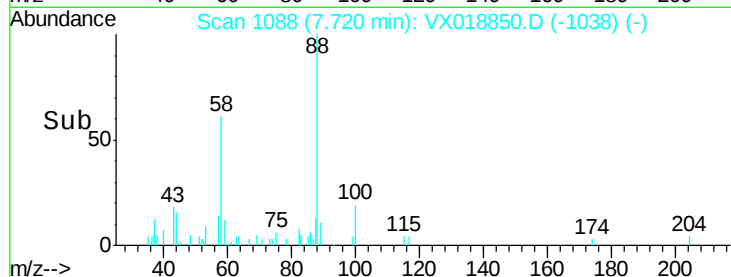
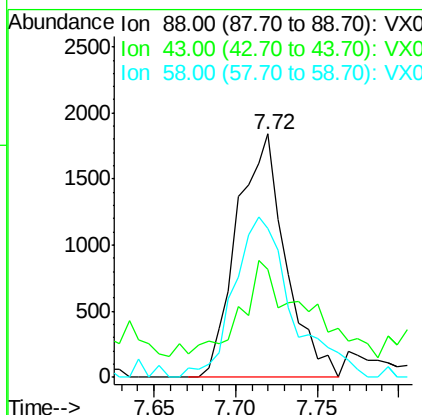
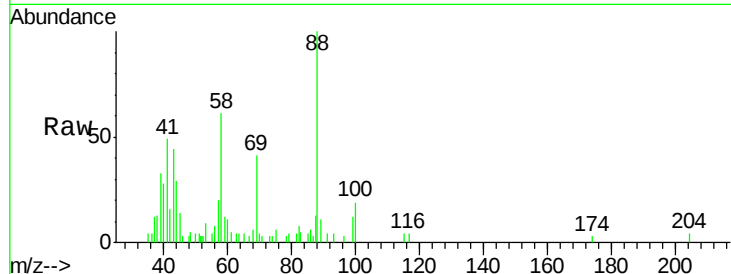
#49  
1,4-Dioxane  
Concen: 97.610 ug/l  
RT: 7.72 min Scan# 1088  
Delta R.T. 0.01 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 53.4  | 31.0  | 46.6# |
| 58      | 78.5  | 59.3  | 88.9  |

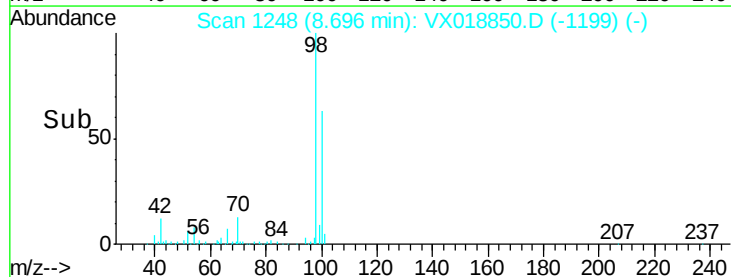
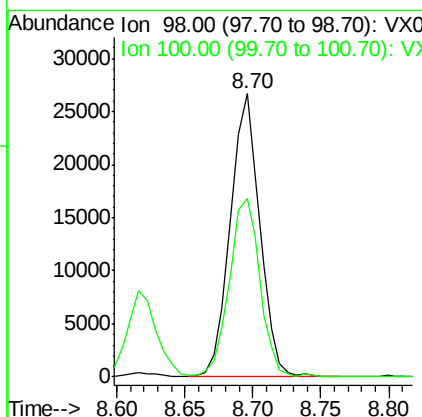
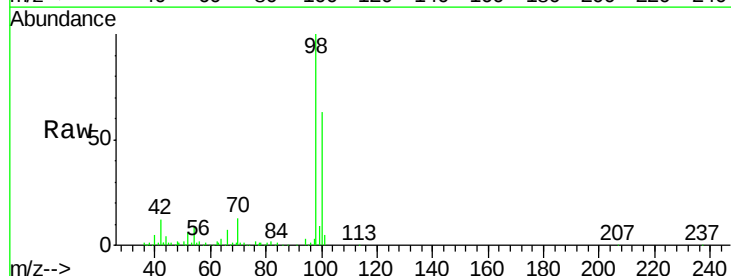
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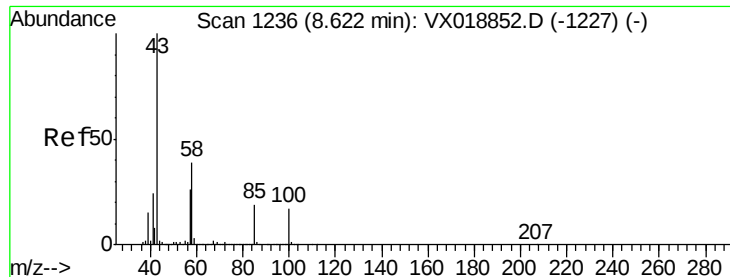
MMDadoda  
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#50  
Toluene-d8  
Concen: 5.537 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. 0.00 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.4  | 53.1  | 79.7  |





#51

4-Methyl-2-Pentanone

Concen: 25.112 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 74161

Ion Ratio Lower Upper

43 100

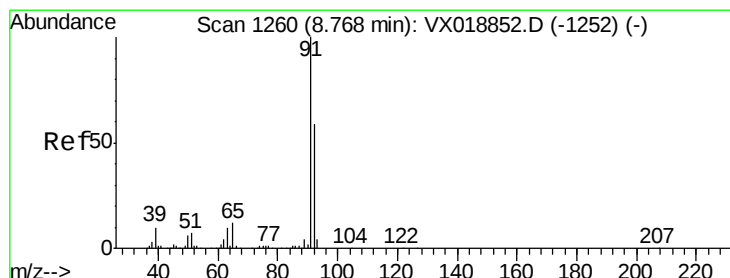
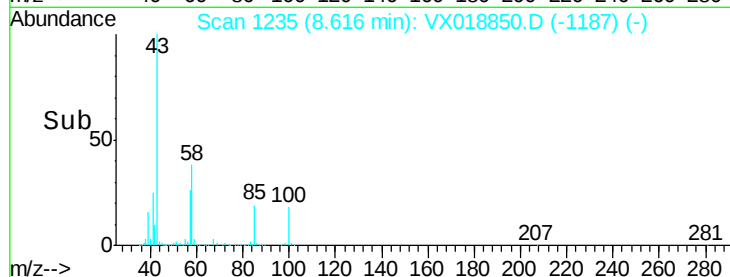
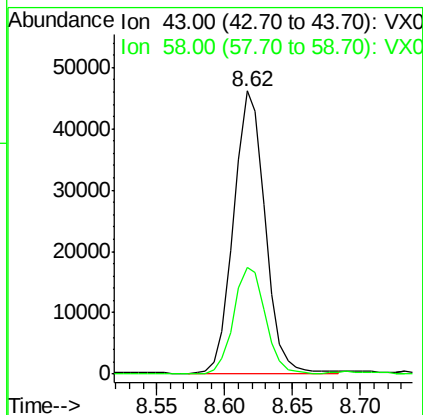
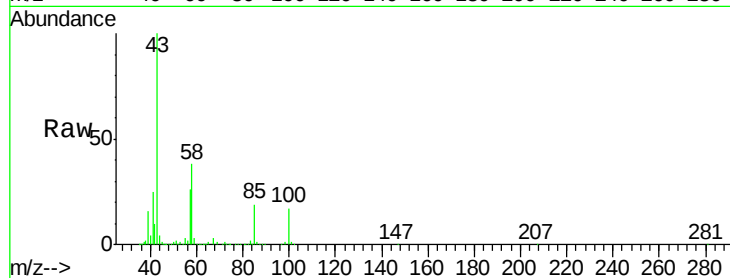
58 38.2 30.9 46.3

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#52

Toluene

Concen: 5.874 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018850.D

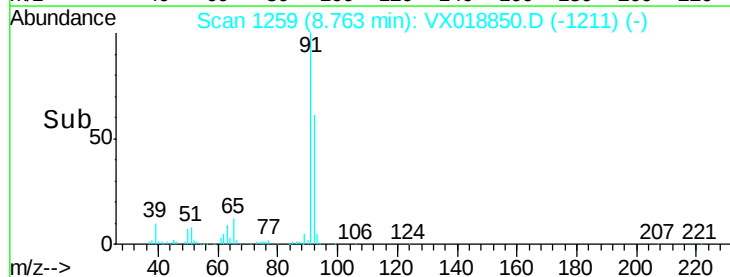
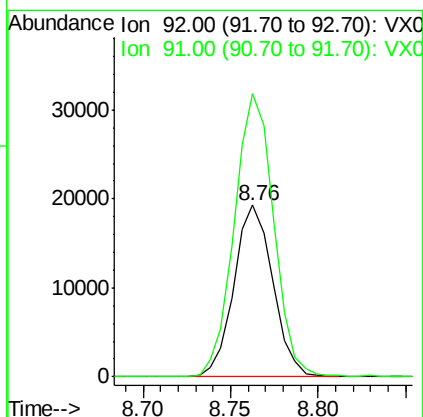
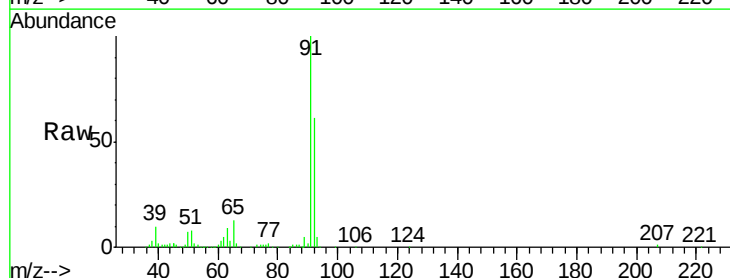
Acq: 09 Oct 2020 11:40

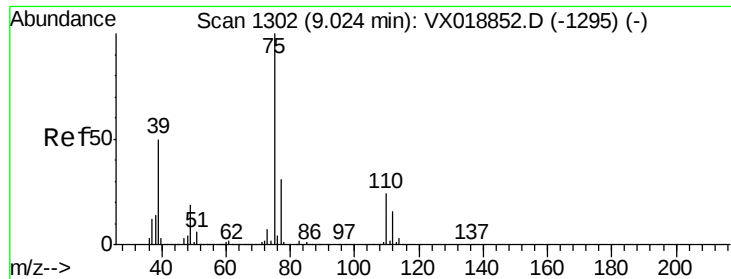
Tgt Ion: 92 Resp: 29942

Ion Ratio Lower Upper

92 100

91 166.9 138.2 207.4





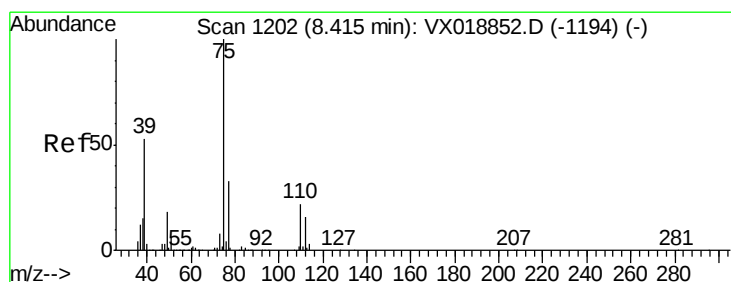
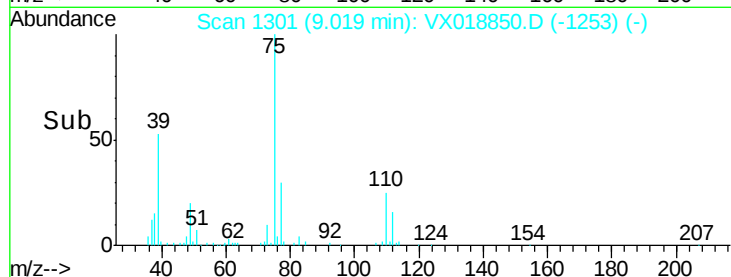
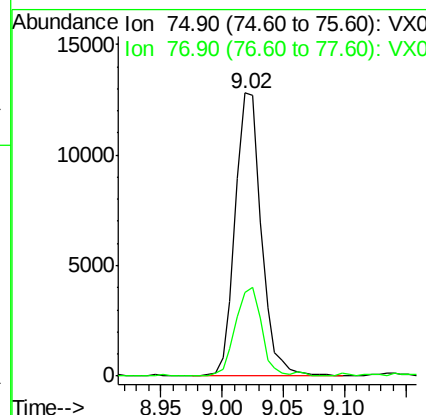
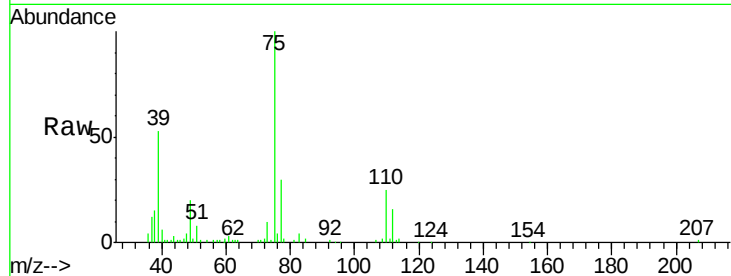
#53  
t-1,3-Dichloropropene  
Concen: 5.387 ug/l  
RT: 9.02 min Scan# 1301  
Delta R.T. -0.01 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 29.6  | 25.1  | 37.7  |

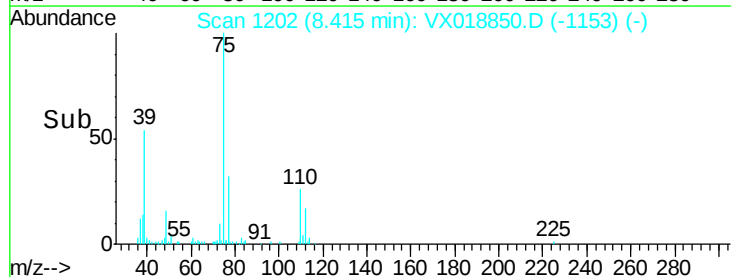
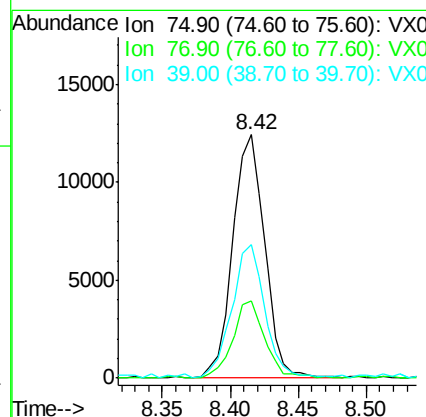
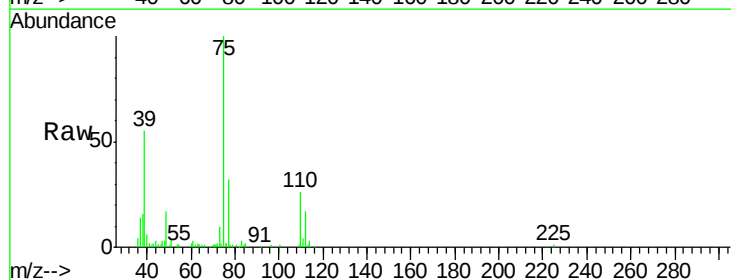
Manual Integrations  
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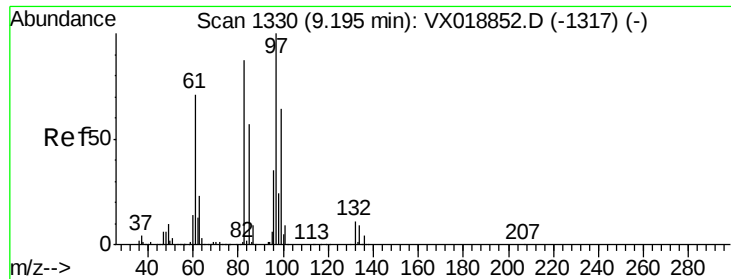
MMDadoda  
10/12/2020 2:23:21 PM



#54  
cis-1,3-Dichloropropene  
Concen: 5.707 ug/l  
RT: 8.42 min Scan# 1202  
Delta R.T. 0.00 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.6  | 26.6  | 39.8  |
| 39      | 54.8  | 42.6  | 64.0  |





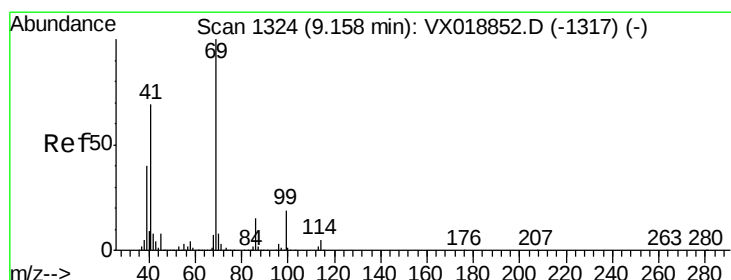
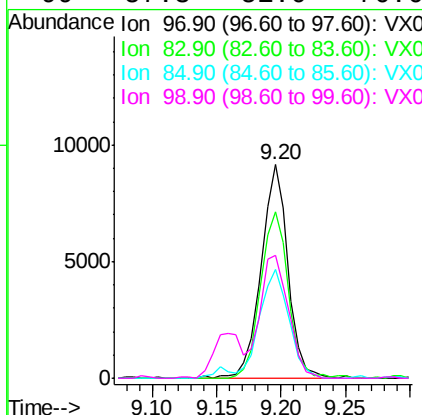
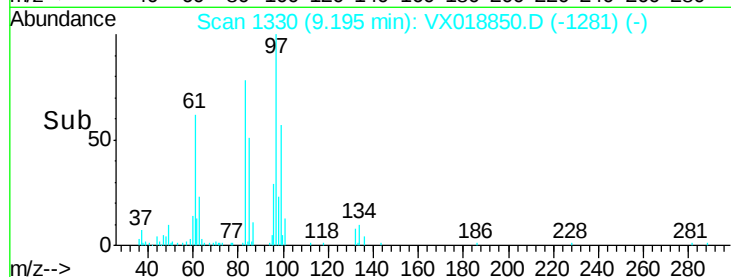
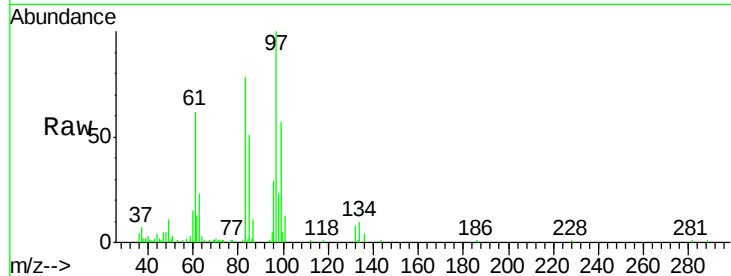
#55  
 1,1,2-Trichloroethane  
 Concen: 6.214 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. 0.00 min  
 Lab File: VX018850.D  
 Acq: 09 Oct 2020 11:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 13123 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 78.2  | 69.3  | 103.9 |
| 85       | 50.7  | 45.3  | 67.9  |
| 99       | 57.3  | 51.0  | 76.6  |

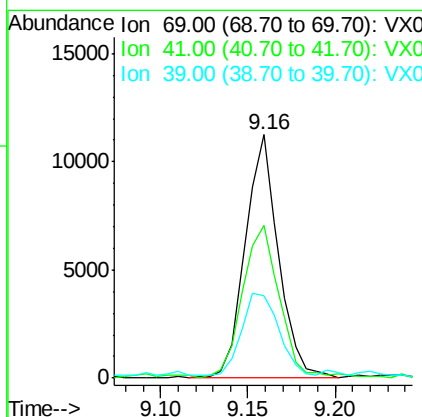
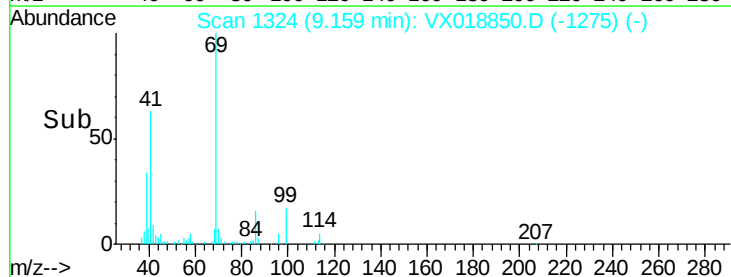
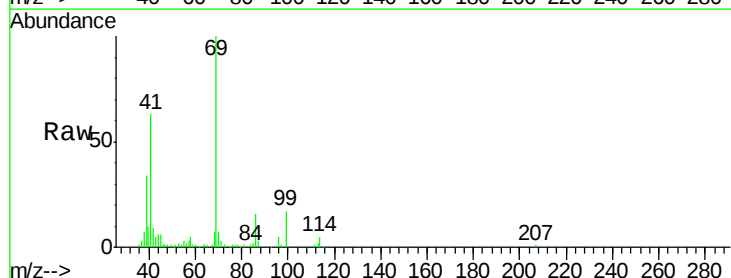
Manual Integrations  
 APPROVED

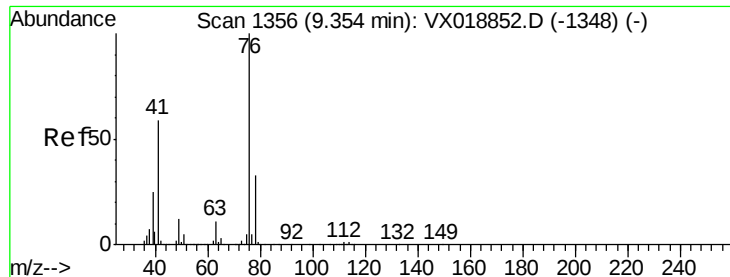
MMDadoda  
 10/12/2020 2:23:21 PM



#56  
 Ethyl methacrylate  
 Concen: 4.803 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. 0.00 min  
 Lab File: VX018850.D  
 Acq: 09 Oct 2020 11:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 14871 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 70.8  | 54.6  | 81.8  |
| 39       | 38.1  | 31.5  | 47.3  |





#57

1,3-Dichloropropane

Concen: 5.773 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 20489

Ion Ratio Lower Upper

76 100

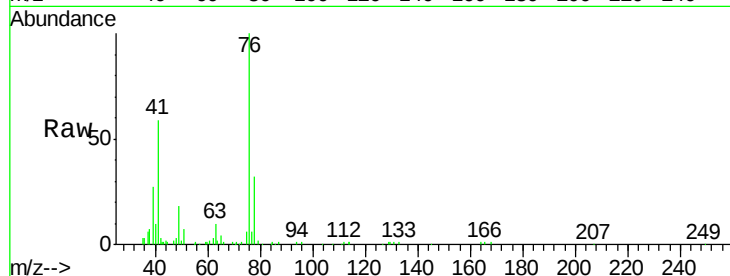
78 34.9 26.2 39.2

Manual Integrations

APPROVED

MMDadoda

10/12/2020 2:23:21 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

15000

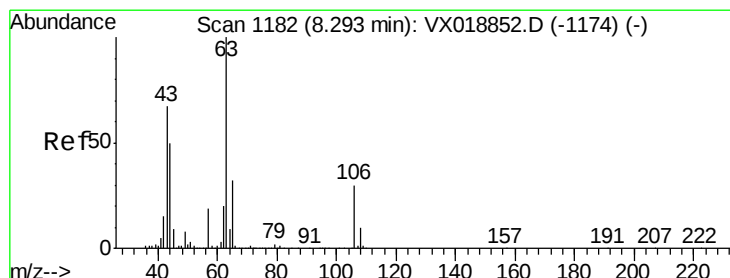
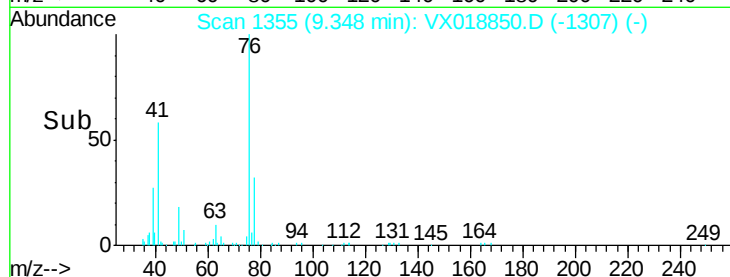
10000

5000

0

9.25 9.30 9.35 9.40

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 27.101 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018850.D

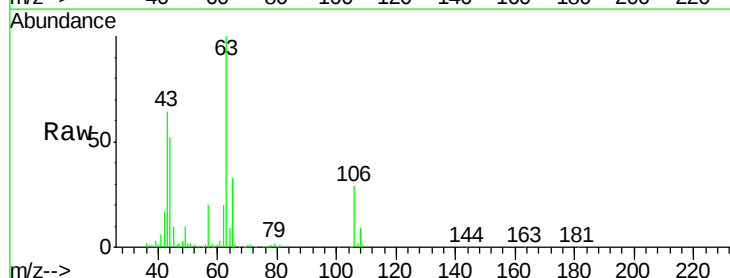
Acq: 09 Oct 2020 11:40

Tgt Ion: 63 Resp: 44842

Ion Ratio Lower Upper

63 100

106 31.6 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

30000

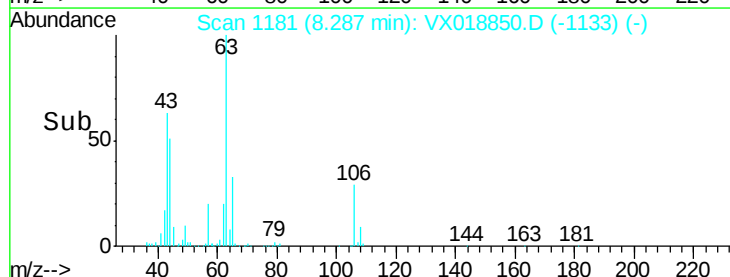
20000

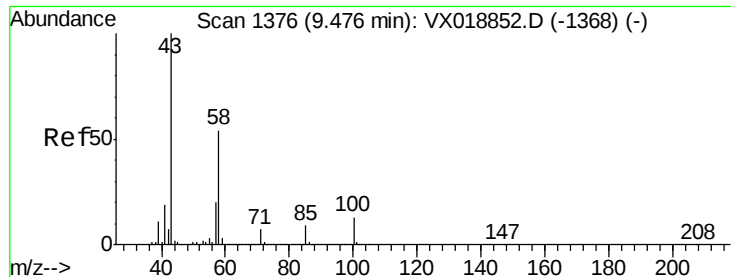
10000

0

8.20 8.25 8.30 8.35 8.40

Time-->





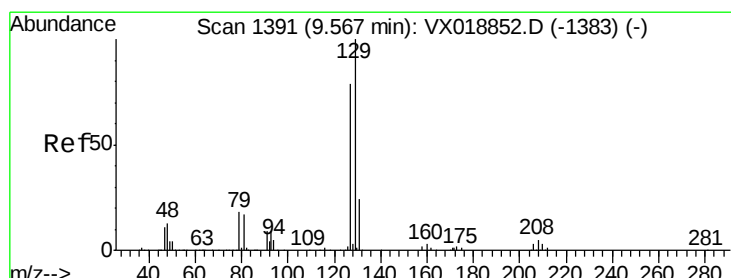
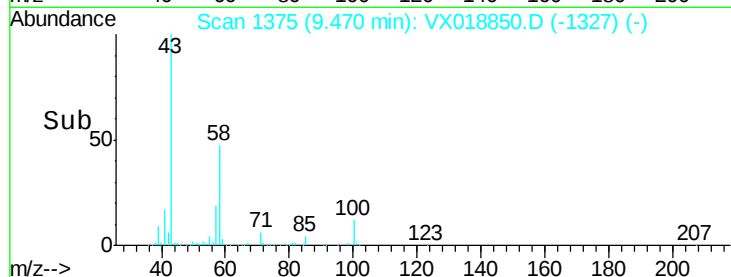
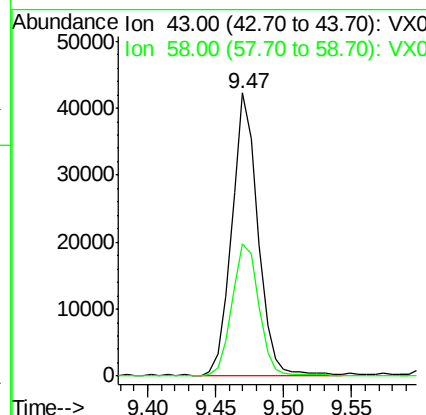
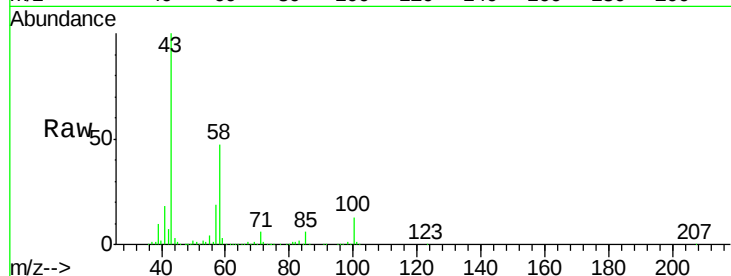
#59  
2-Hexanone  
Concen: 24.821 ug/l  
RT: 9.47 min Scan# 1375  
Delta R.T. -0.01 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

Tot Ion: 43 Resp: 55746  
Ion Ratio Lower Upper  
43 100  
58 48.7 26.7 80.1

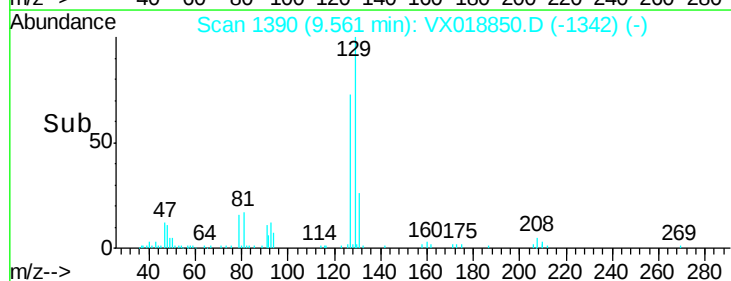
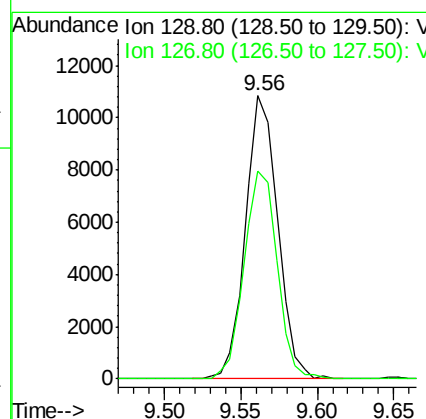
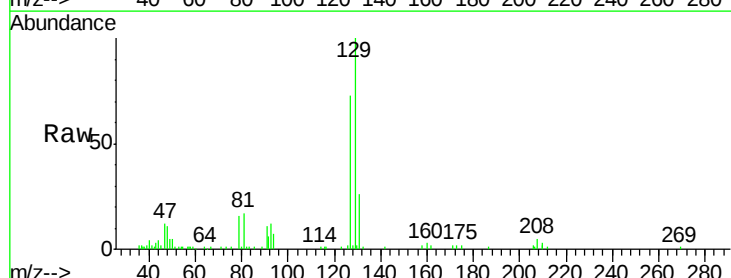
Manual Integrations  
APPROVED

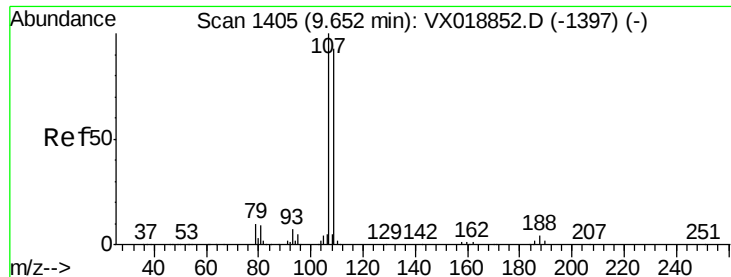
MMDadoda  
10/12/2020 2:23:21 PM



#60  
Dibromochloromethane  
Concen: 6.234 ug/l  
RT: 9.56 min Scan# 1390  
Delta R.T. -0.01 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

Tgt Ion: 129 Resp: 15829  
Ion Ratio Lower Upper  
129 100  
127 75.4 39.5 118.5





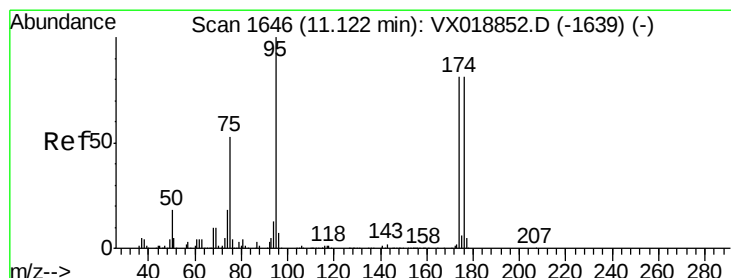
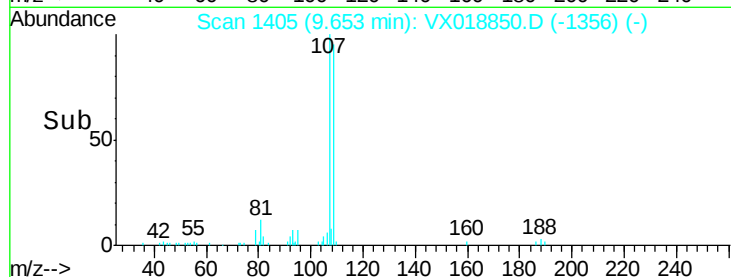
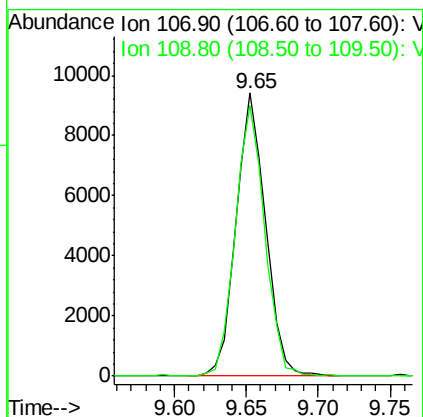
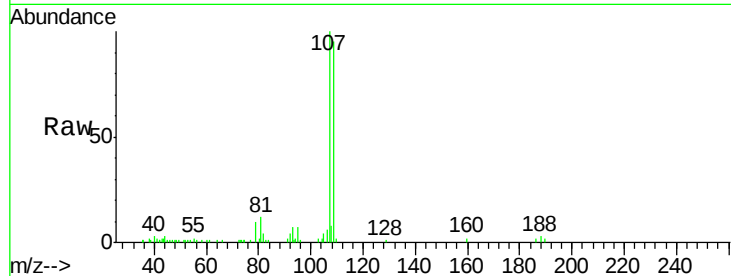
#61  
 1,2-Dibromoethane  
 Concen: 5.950 ug/l  
 RT: 9.65 min Scan# 1405  
 Delta R.T. 0.00 min  
 Lab File: VX018850.D  
 Acq: 09 Oct 2020 11:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 95.8  | 75.2  | 112.8 |

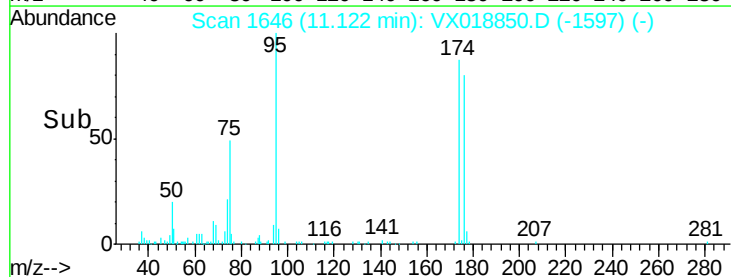
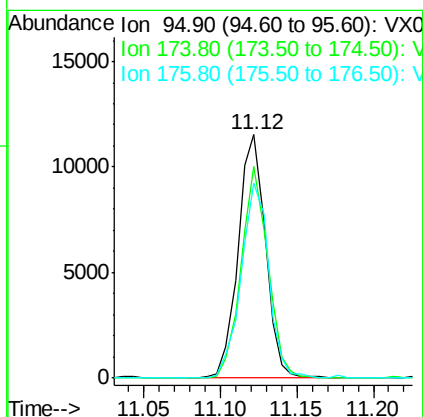
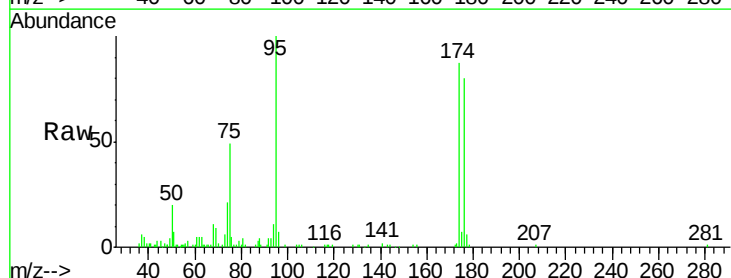
Manual Integrations  
 APPROVED

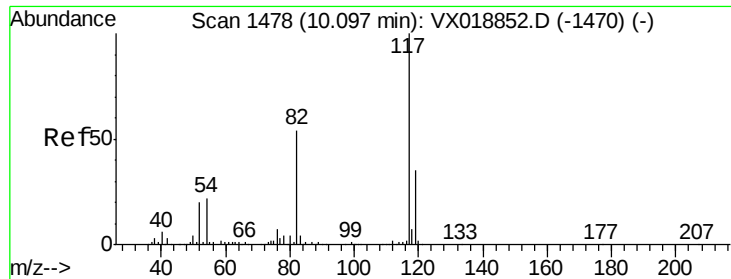
MMDadoda  
 10/12/2020 2:23:21 PM



#62  
 4-Bromofluorobenzene  
 Concen: 4.904 ug/l  
 RT: 11.12 min Scan# 1646  
 Delta R.T. 0.00 min  
 Lab File: VX018850.D  
 Acq: 09 Oct 2020 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 84.9  | 0.0   | 160.0 |
| 176     | 81.4  | 0.0   | 161.2 |





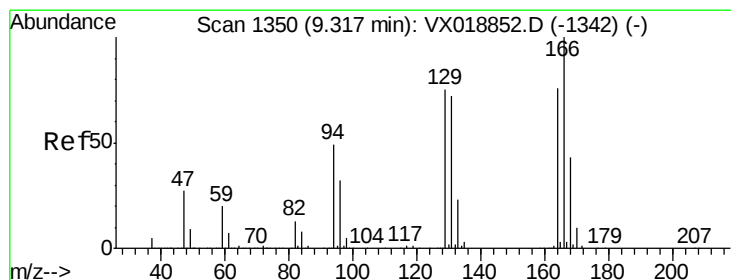
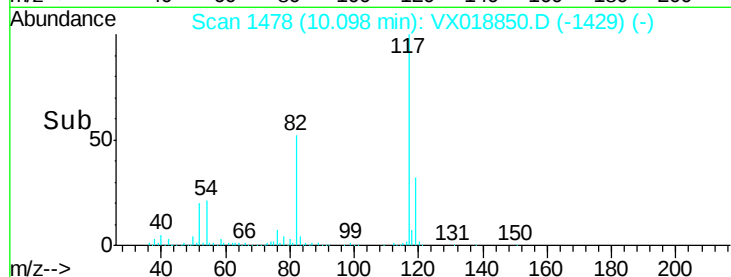
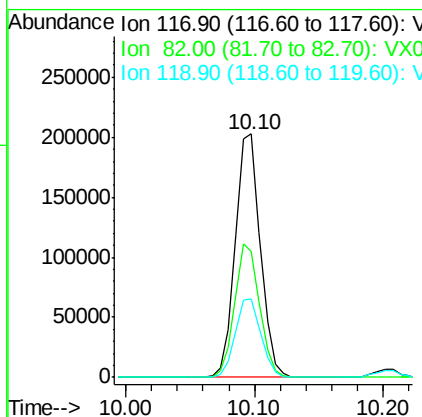
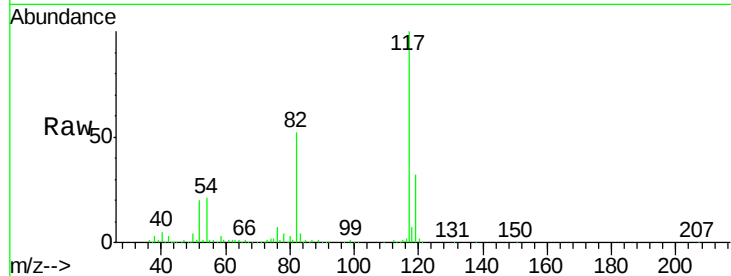
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. 0.00 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 51.9  | 43.4  | 65.2  |
| 119     | 32.4  | 28.3  | 42.5  |

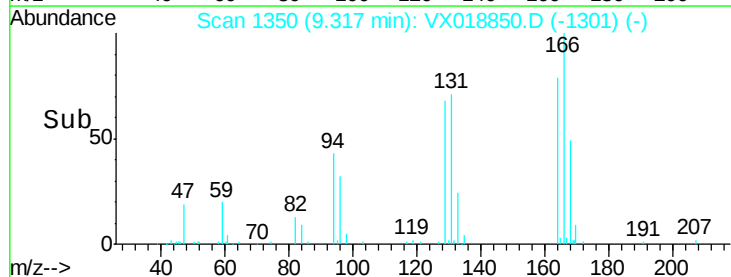
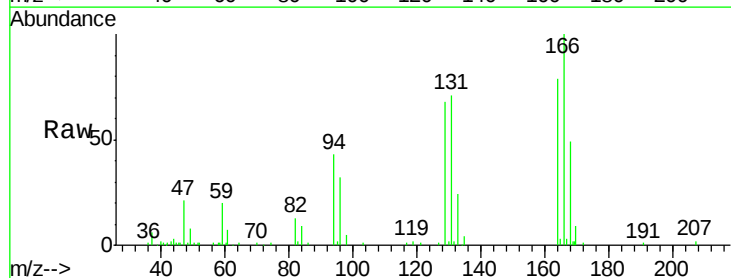
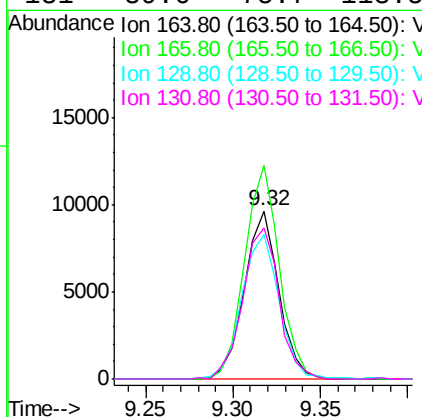
Manual Integrations  
APPROVED

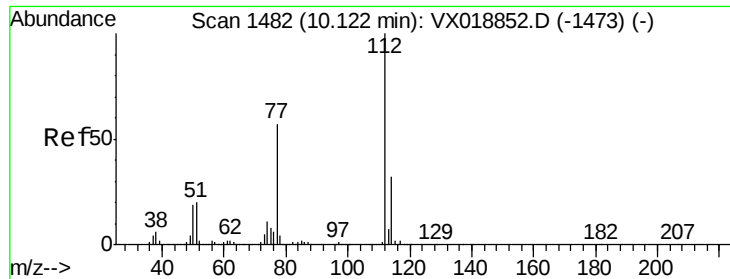
MMDadoda  
10/12/2020 2:23:21 PM



#64  
Tetrachloroethene  
Concen: 6.085 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. 0.00 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 127.0 | 105.4 | 158.0 |
| 129     | 86.1  | 79.0  | 118.6 |
| 131     | 89.6  | 75.7  | 113.5 |





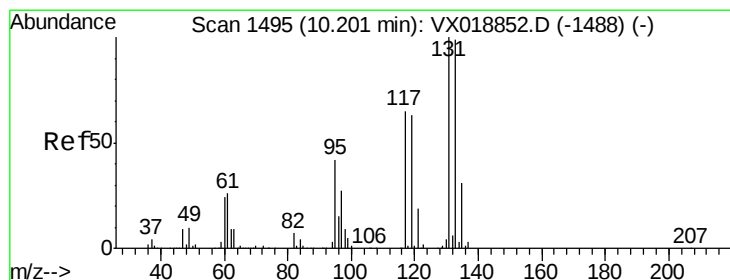
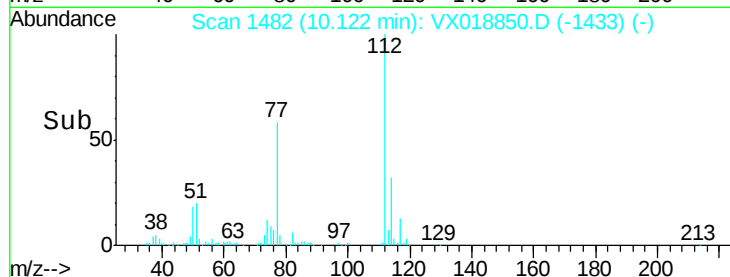
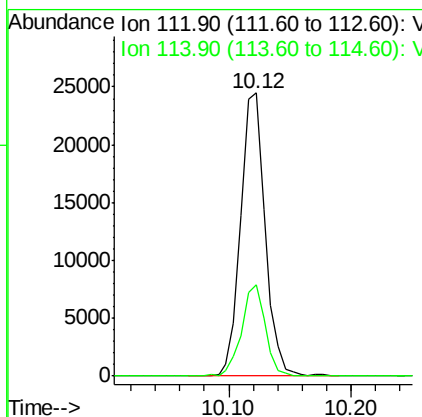
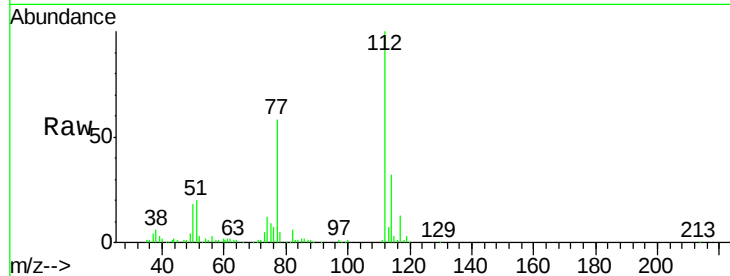
#65  
Chlorobenzene  
Concen: 5.944 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. 0.00 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.4  | 25.7  | 38.5  |

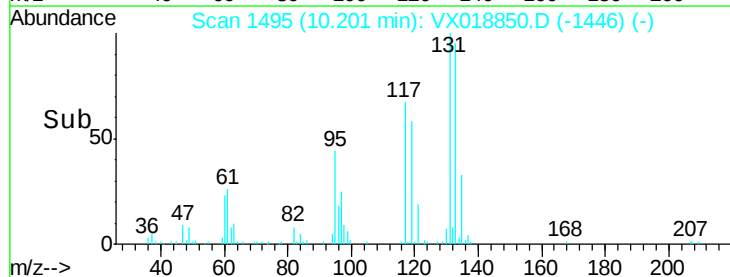
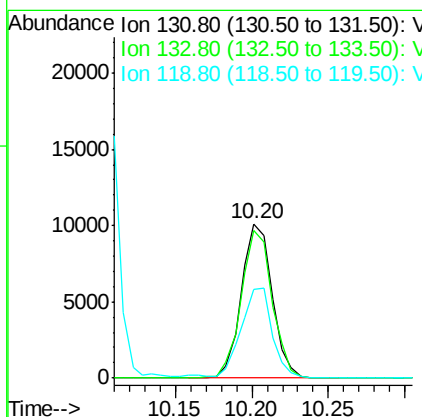
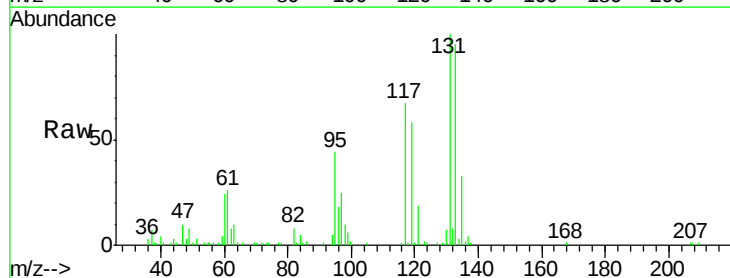
Manual Integrations  
APPROVED

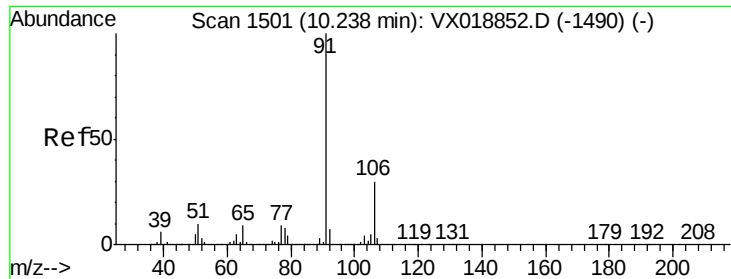
MMDadoda  
10/12/2020 2:23:21 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 6.158 ug/l  
RT: 10.20 min Scan# 1495  
Delta R.T. 0.00 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 96.1  | 48.6  | 145.8 |
| 119     | 59.2  | 31.1  | 93.3  |





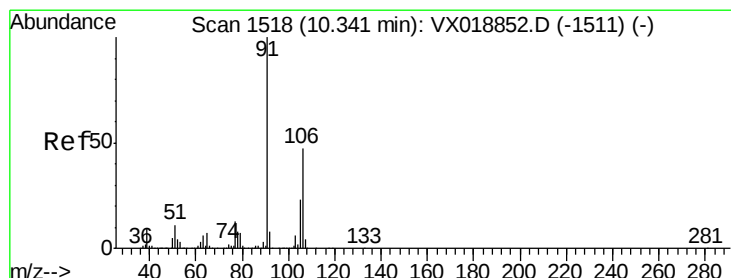
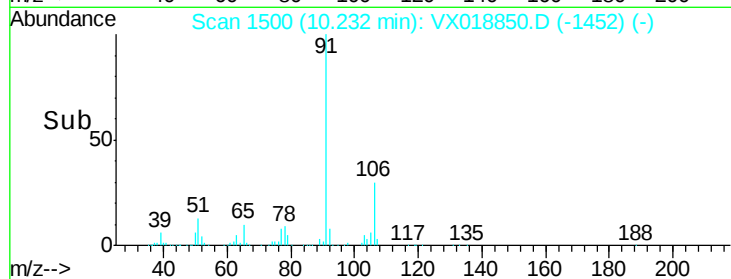
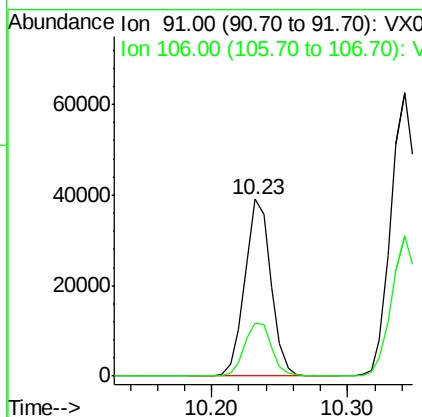
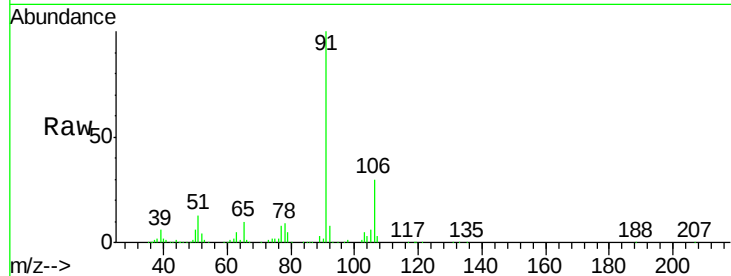
#67  
Ethyl Benzene  
Concen: 5.309 ug/l  
RT: 10.23 min Scan# 1500  
Delta R.T. -0.01 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

Tot Ion: 91 Resp: 52617  
Ion Ratio Lower Upper  
91 100  
106 30.0 24.0 36.0

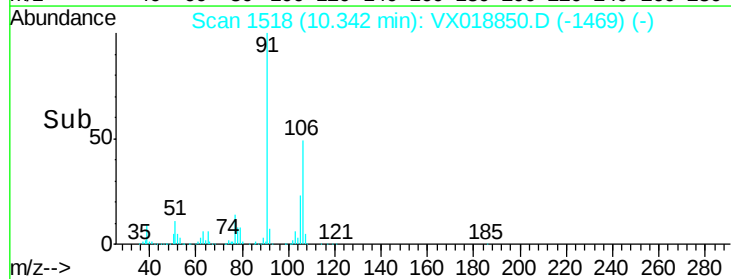
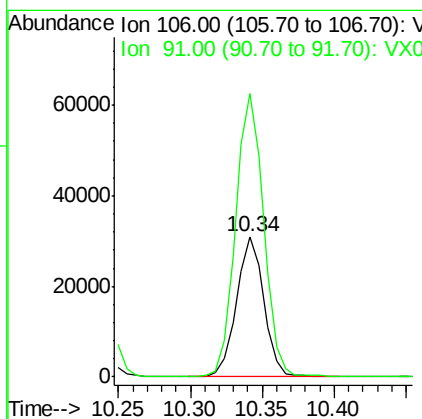
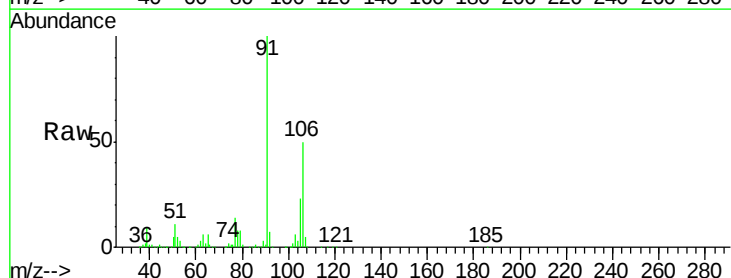
Manual Integrations  
APPROVED

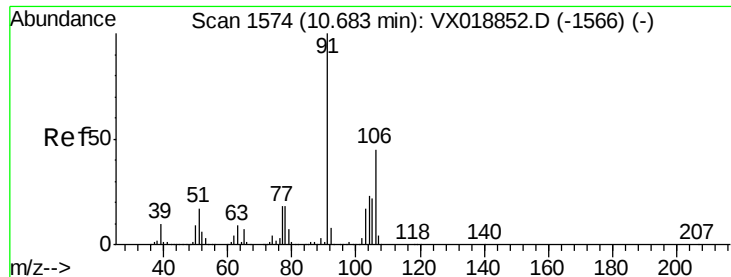
MMDadoda  
10/12/2020 2:23:21 PM



#68  
m/p-Xylenes  
Concen: 10.901 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. 0.00 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

Tgt Ion: 106 Resp: 40969  
Ion Ratio Lower Upper  
106 100  
91 206.9 165.6 248.4





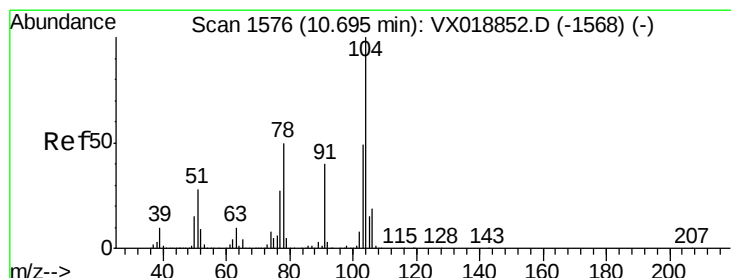
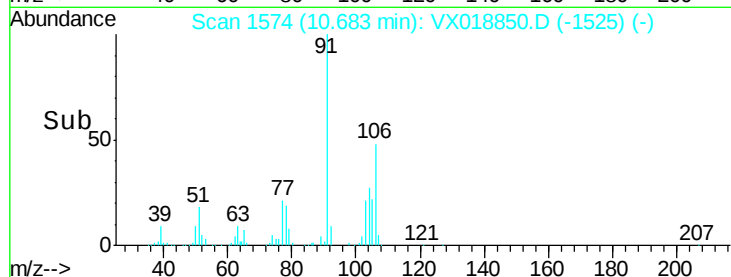
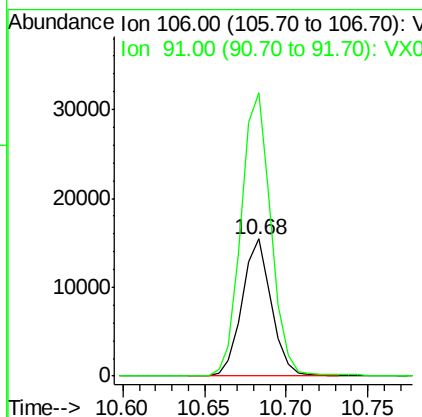
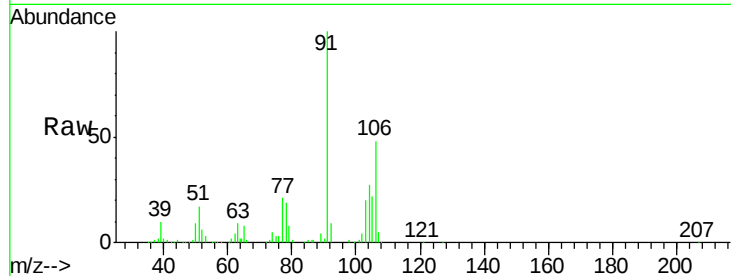
#69  
o-Xylene  
Concen: 5.486 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. 0.00 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

Tot Ion:106 Resp: 19463  
Ion Ratio Lower Upper  
106 100  
91 210.8 109.9 329.6

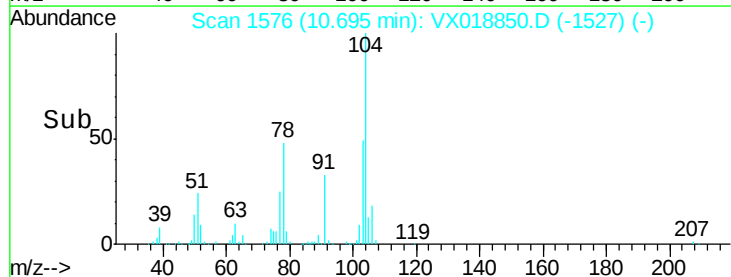
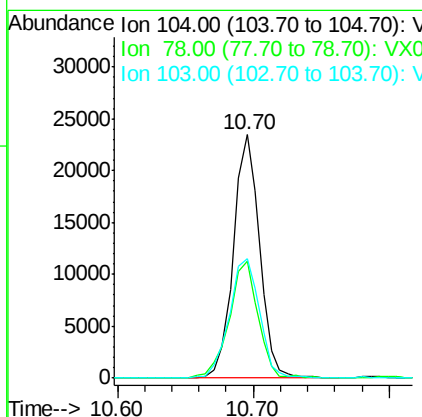
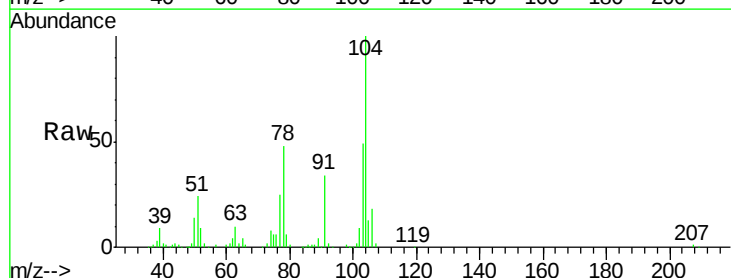
Manual Integrations  
APPROVED

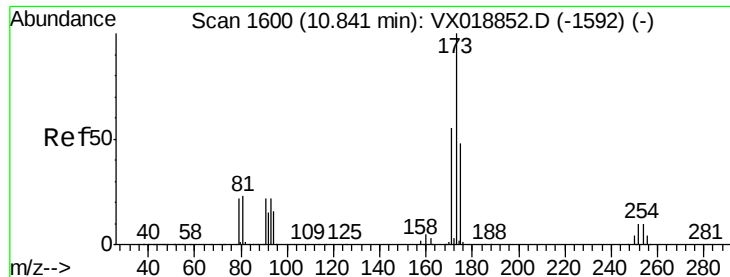
MMDadoda  
10/12/2020 2:23:21 PM



#70  
Styrene  
Concen: 5.150 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. 0.00 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

Tgt Ion:104 Resp: 31490  
Ion Ratio Lower Upper  
104 100  
78 53.2 43.5 65.3  
103 56.7 43.3 64.9





#71

Bromoform

Concen: 5.812 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion:173 Resp: 11271

Ion Ratio Lower Upper

173 100

175 50.6 23.4 70.0

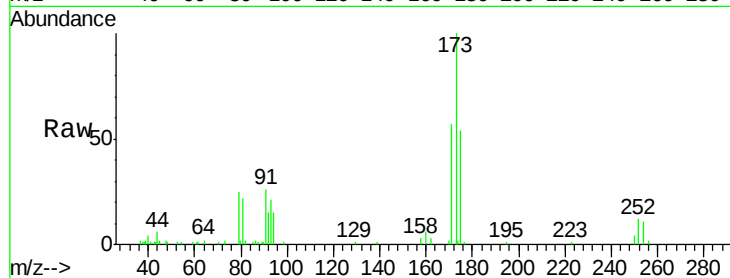
254 1.5 0.0 0.0#

Manual Integrations

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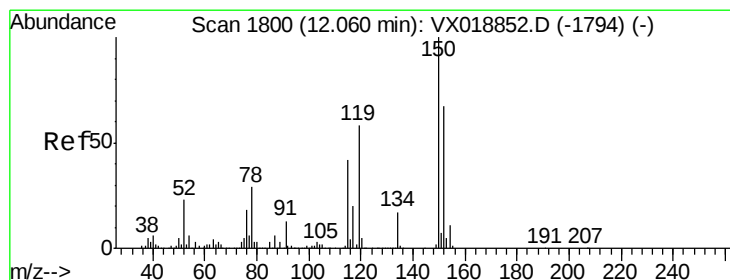
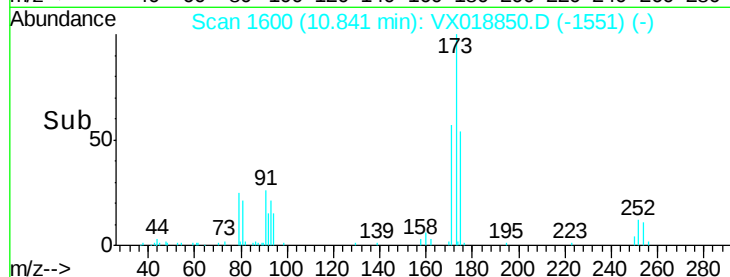
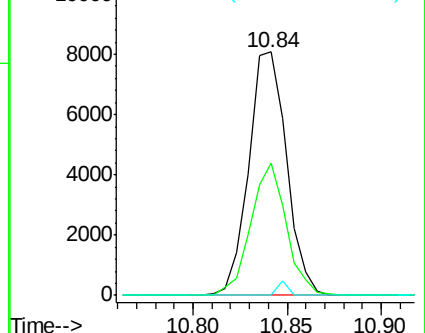
10/12/2020 2:23:21 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

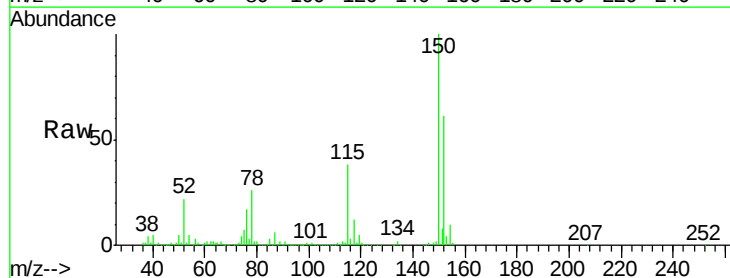
Tgt Ion:152 Resp: 148885

Ion Ratio Lower Upper

152 100

115 62.4 41.8 125.4

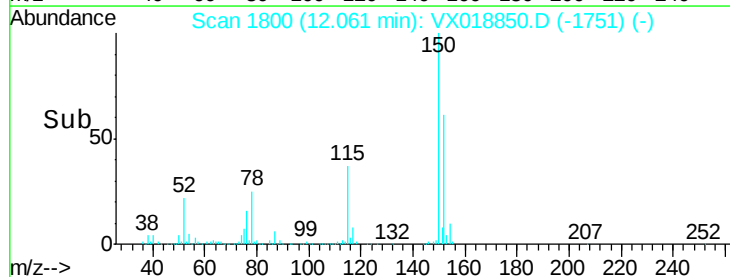
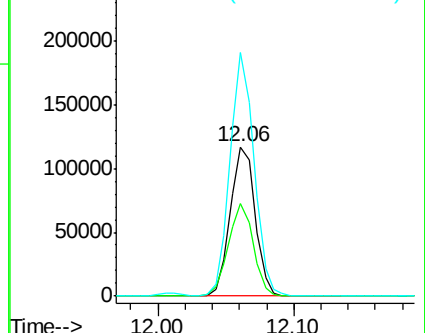
150 157.6 0.0 347.6

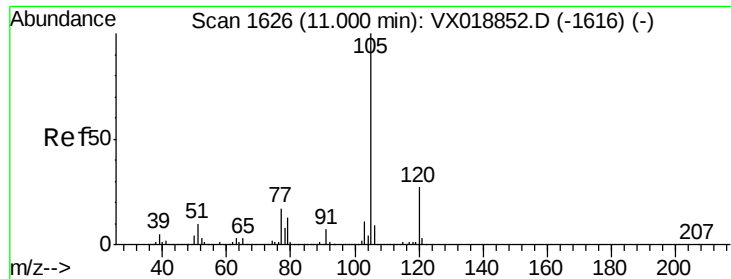


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.200 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 51849

Ion Ratio Lower Upper

105 100

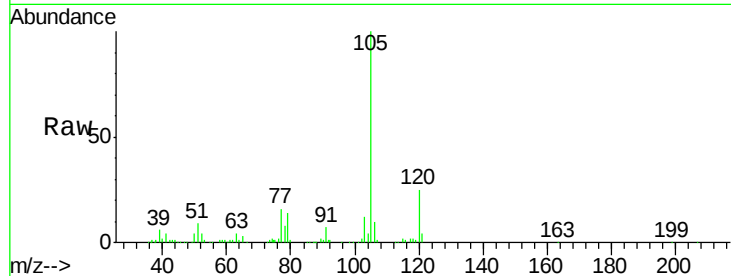
120 27.2 13.3 39.8

Manual Integrations

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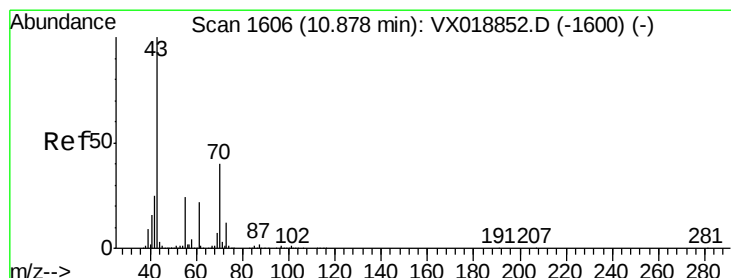
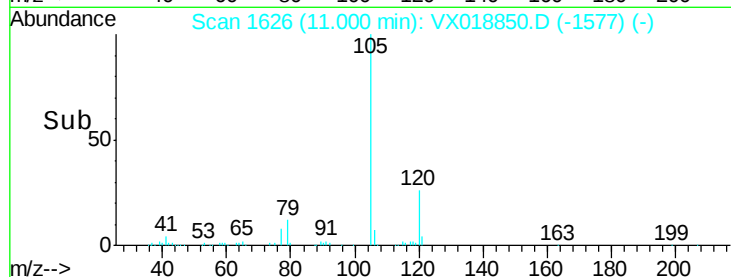
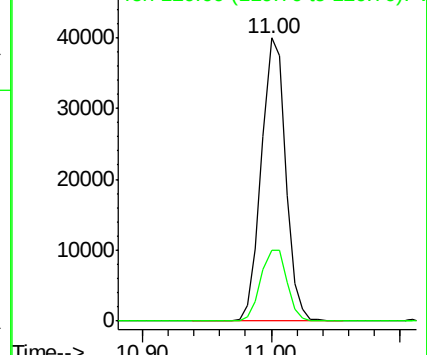
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.036 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

Tgt Ion: 43 Resp: 17788

Ion Ratio Lower Upper

43 100

70 44.7 33.7 50.5

55 28.6 19.8 29.8

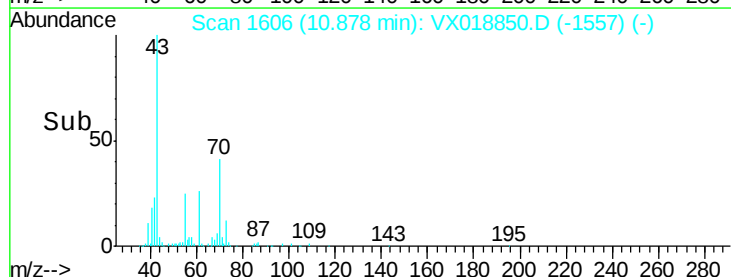
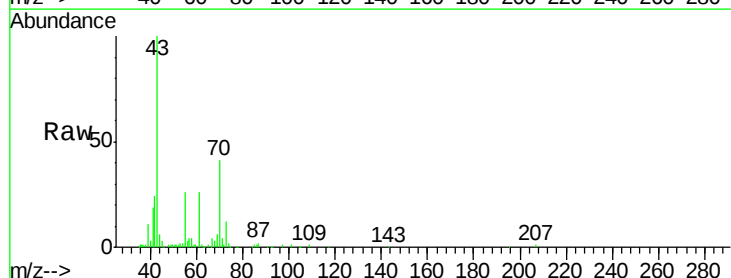
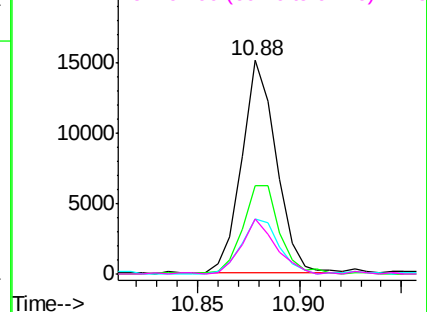
61 25.8 18.6 28.0

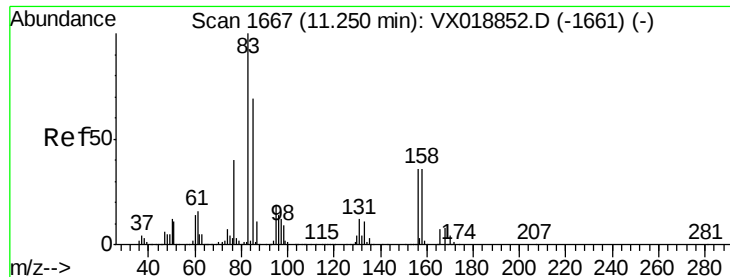
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.803 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

Instrument :

MSVOA\_X

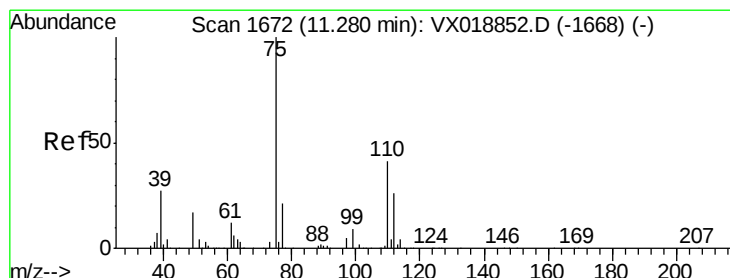
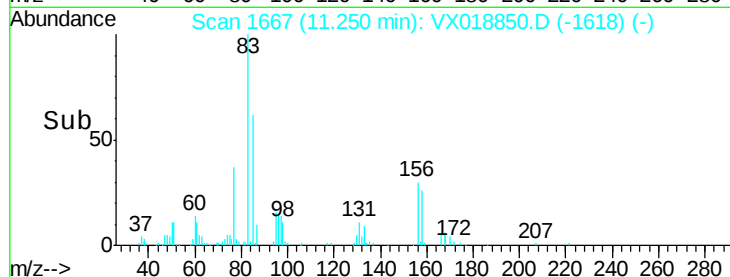
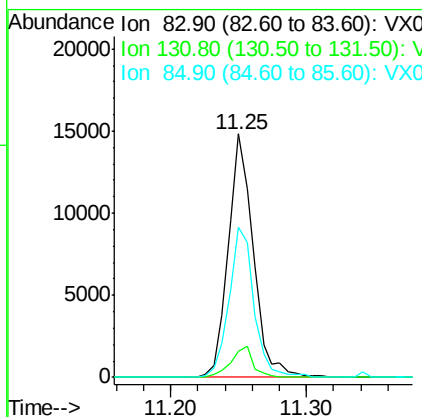
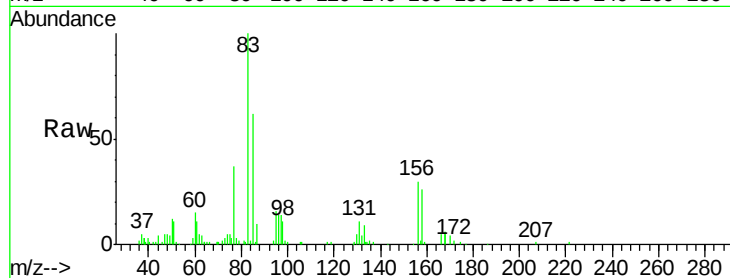
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 18973 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 11.5  | 5.9   | 17.8  |
| 85        | 61.6  | 33.0  | 98.9  |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 5.667 ug/l m

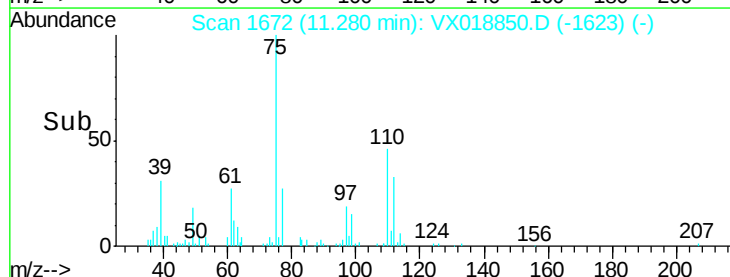
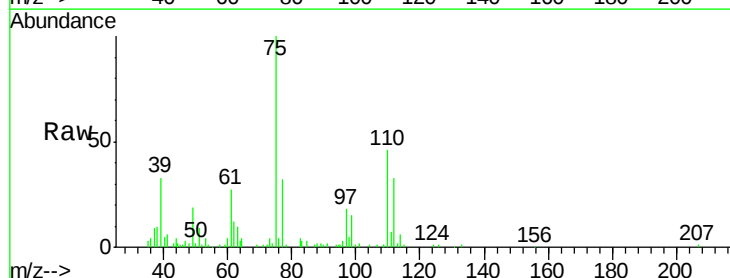
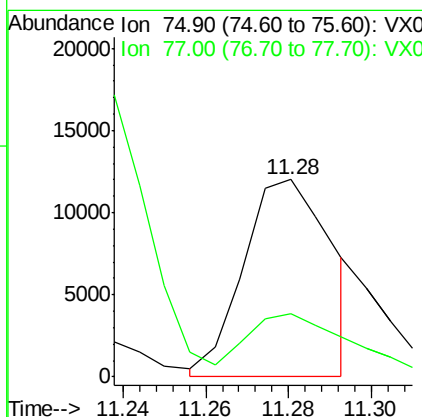
RT: 11.28 min Scan# 1672

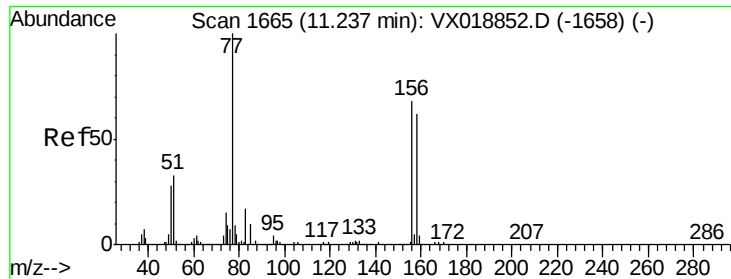
Delta R.T. 0.00 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 17690 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 39.5  | 20.2  | 60.6  |





#77

Bromobenzene

Concen: 5.212 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

Instrument :

MSVOA\_X

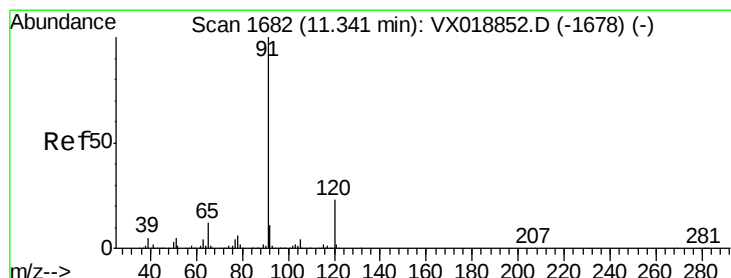
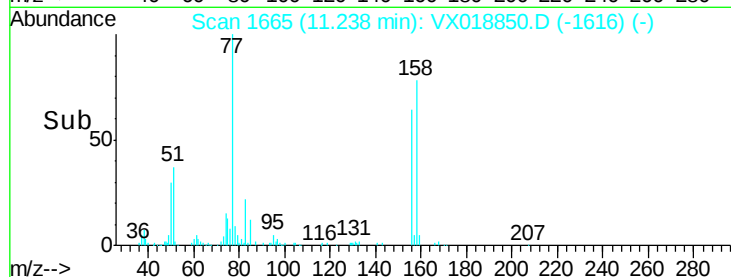
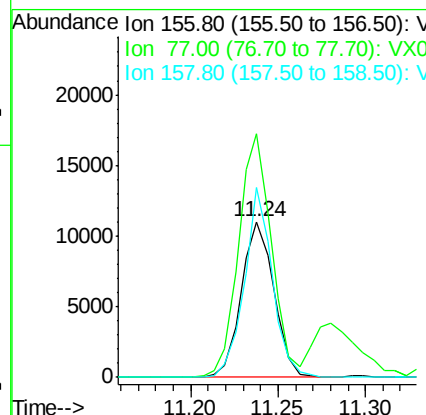
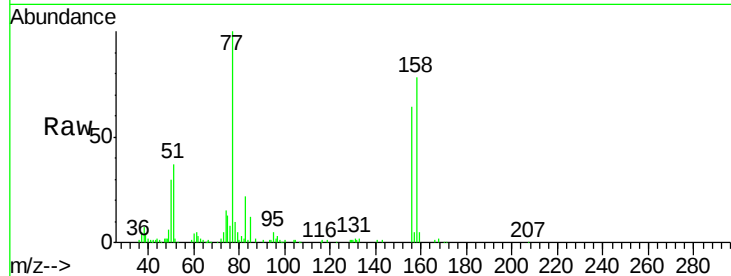
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 156   | Resp: | 14328 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 157.1 | 76.0  | 228.1 |
| 158       | 104.0 | 47.2  | 141.6 |

Manual Integrations  
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#78

n-propylbenzene

Concen: 5.044 ug/l

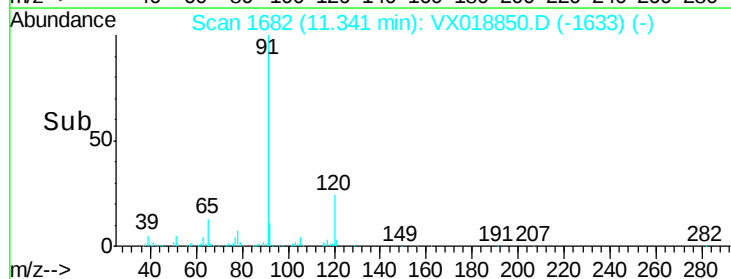
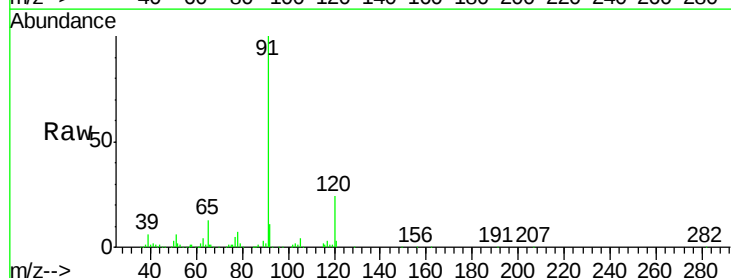
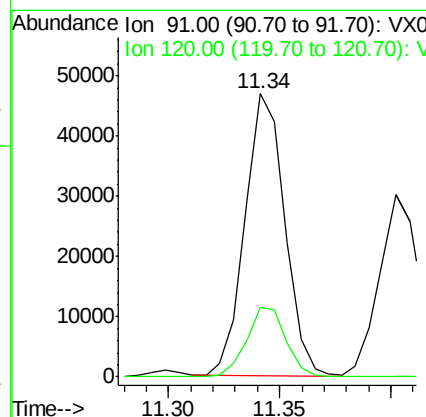
RT: 11.34 min Scan# 1682

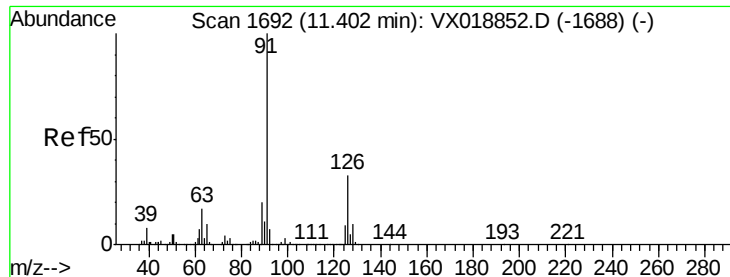
Delta R.T. 0.00 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 91    | Resp: | 58512 |
| Ion Ratio | Lower | Upper |       |
| 91        | 100   |       |       |
| 120       | 24.4  | 12.0  | 36.0  |





#79

2-Chlorotoluene

Concen: 5.343 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 37628

Ion Ratio Lower Upper

91 100

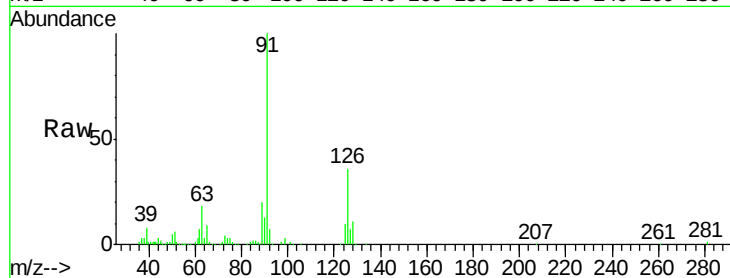
126 35.4 17.1 51.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX018852.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX018852.D (-1688) (-)

50000

40000

30000

20000

10000

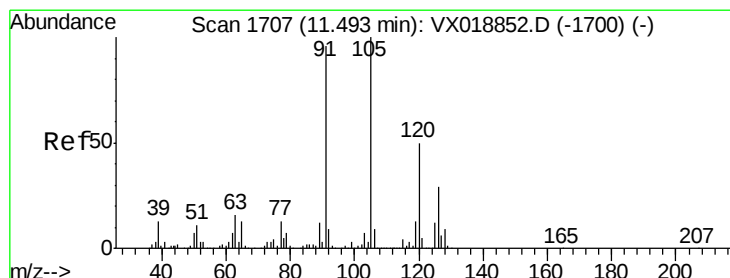
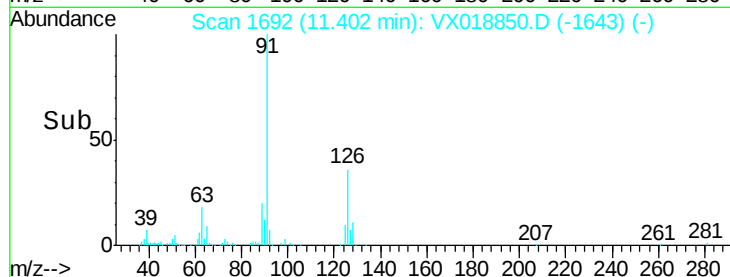
0

11.35

11.40

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 5.208 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018850.D

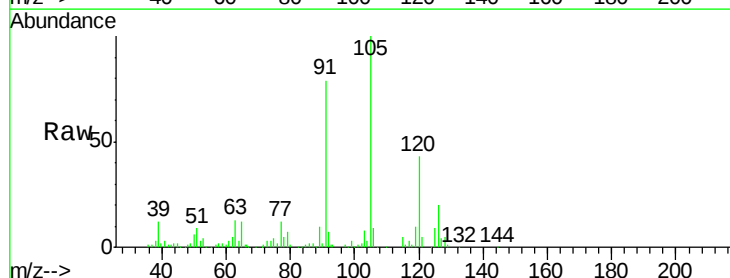
Acq: 09 Oct 2020 11:40

Tgt Ion: 105 Resp: 44477

Ion Ratio Lower Upper

105 100

120 47.3 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): VX018852.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX018852.D (-1700) (-)

40000

30000

20000

10000

0

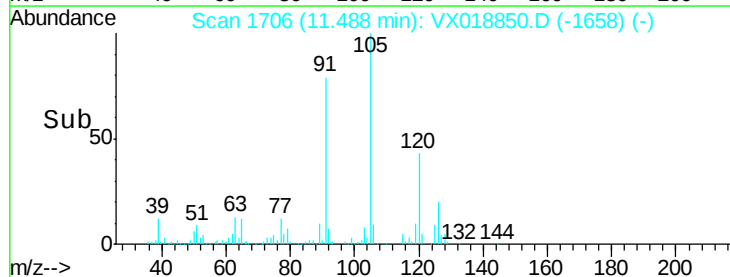
11.40

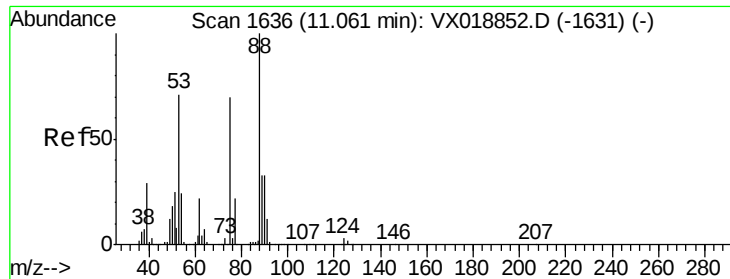
11.45

11.50

11.55

Time-->





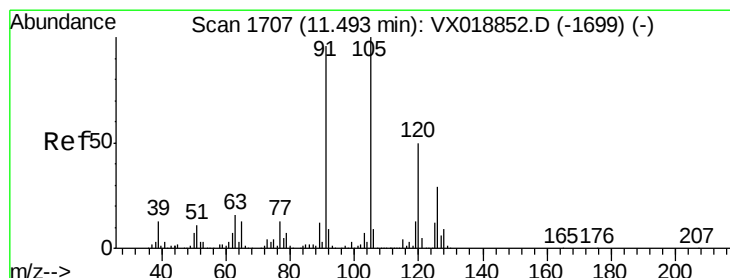
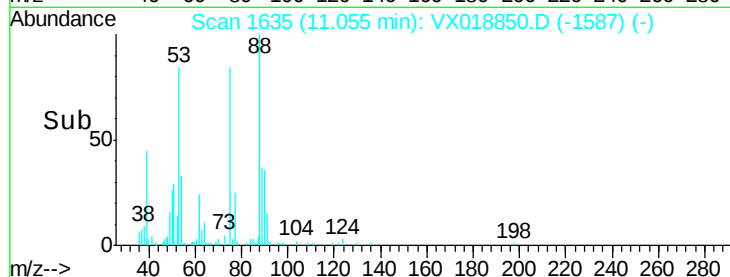
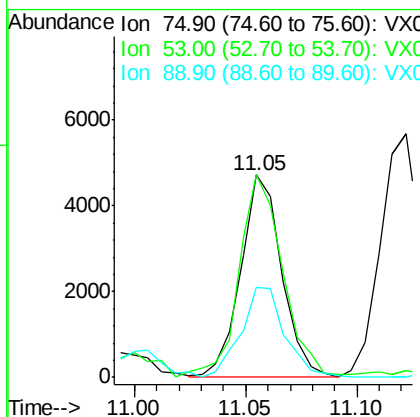
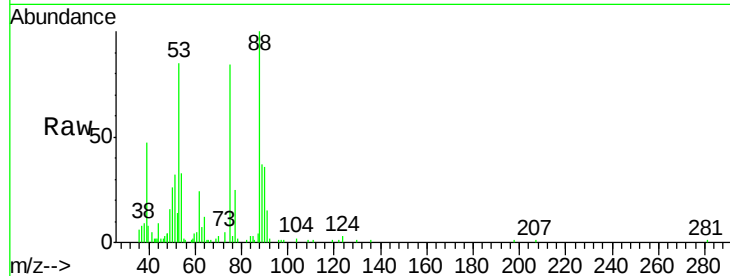
#81  
trans-1,4-Dichloro-2-butene  
Concen: 5.061 ug/l  
RT: 11.05 min Scan# 1635  
Delta R.T. -0.01 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 106.6 | 85.0  | 127.4 |
| 89      | 47.8  | 39.0  | 58.4  |

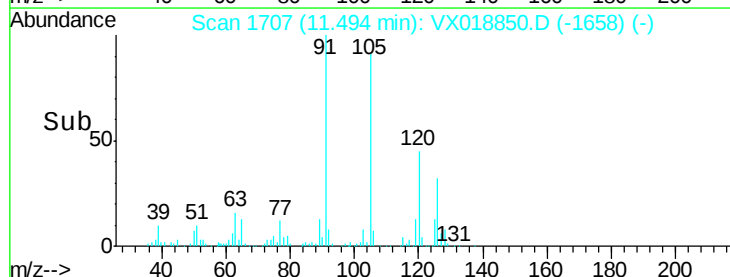
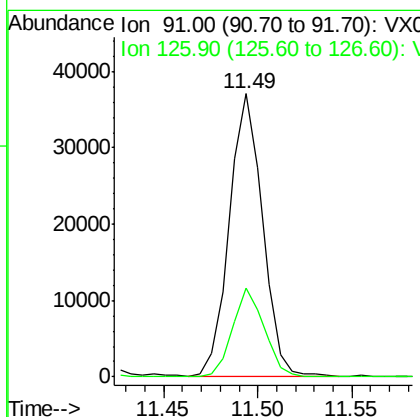
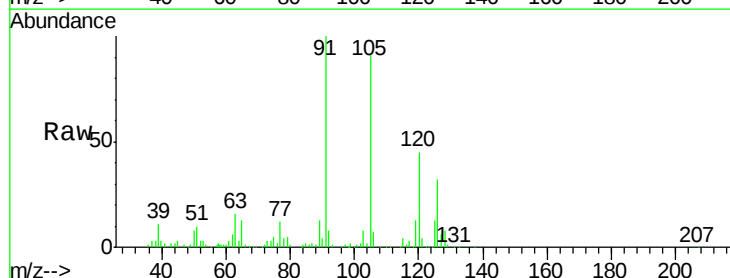
Manual Integrations  
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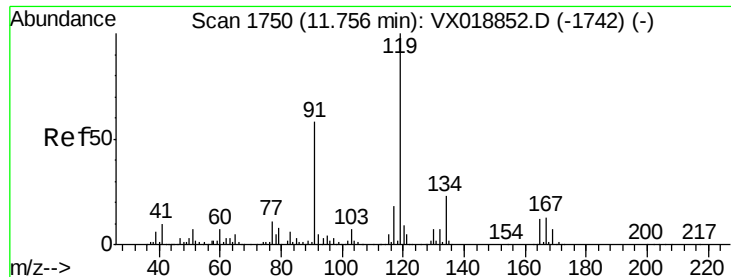
MMDadoda  
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#82  
4-Chlorotoluene  
Concen: 5.440 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. 0.00 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.1  | 14.9  | 44.7  |





#83

tert-Butylbenzene

Concen: 5.287 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

Instrument :

MSVOA\_X

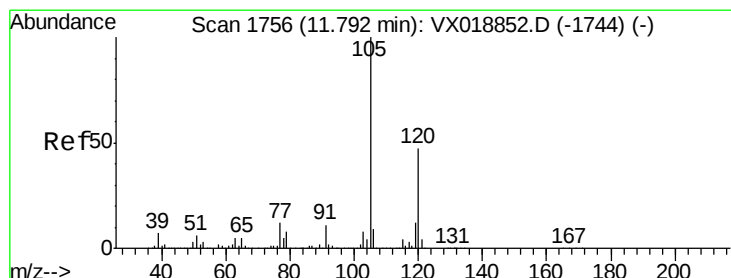
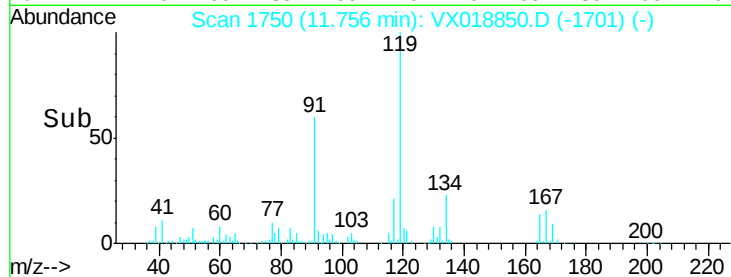
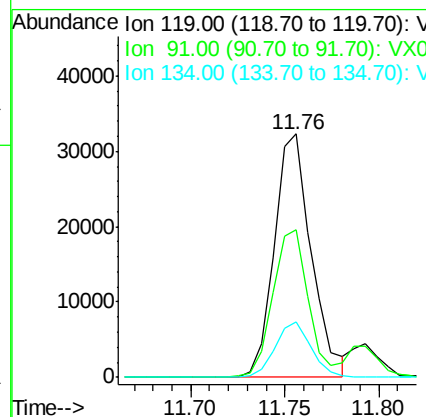
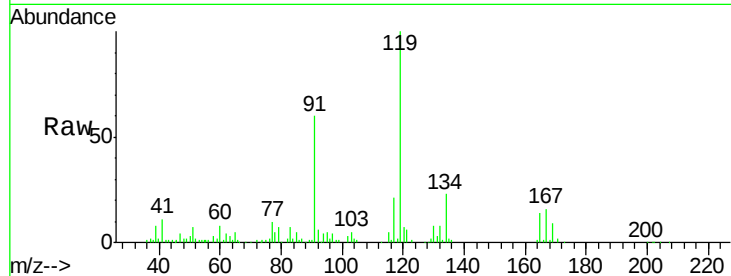
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 119   | Resp: | 43880 |
| Ion Ratio | Lower | Upper |       |
| 119       | 100   |       |       |
| 91        | 58.1  | 28.6  | 85.9  |
| 134       | 22.3  | 11.7  | 35.0  |

Manual Integrations  
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#84

1,2,4-Trimethylbenzene

Concen: 5.122 ug/l

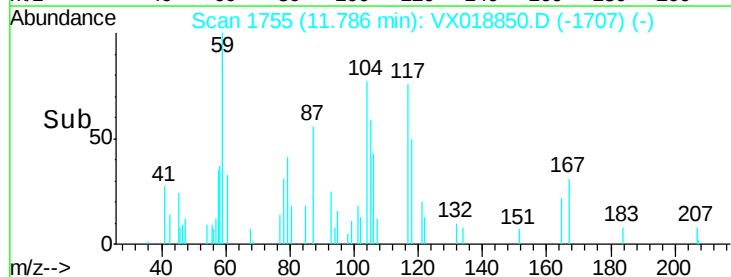
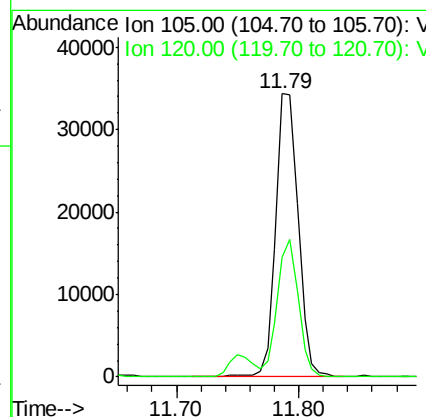
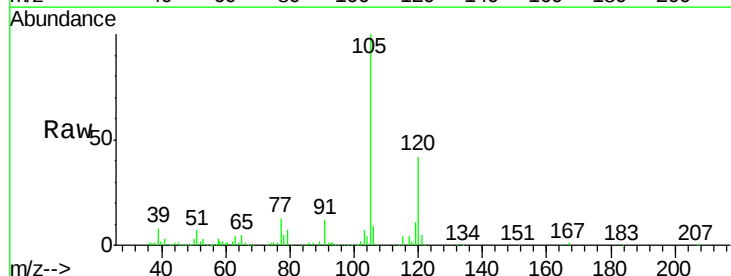
RT: 11.79 min Scan# 1755

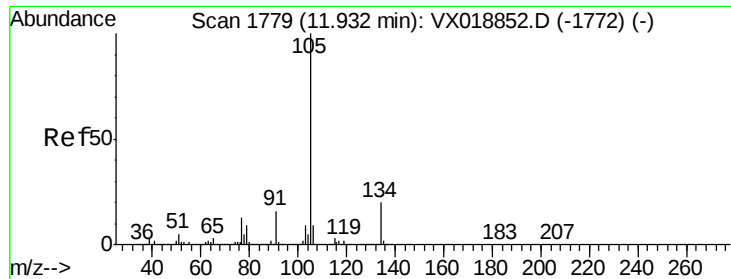
Delta R.T. -0.01 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 43918 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 45.6  | 22.6  | 67.8  |





#85

sec-Butylbenzene

Concen: 4.952 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 48242

Ion Ratio Lower Upper

105 100

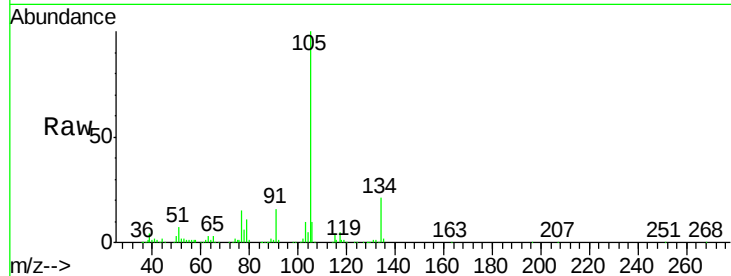
134 20.9 10.2 30.4

Manual Integrations

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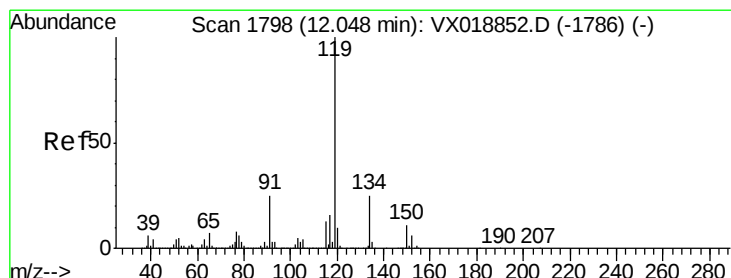
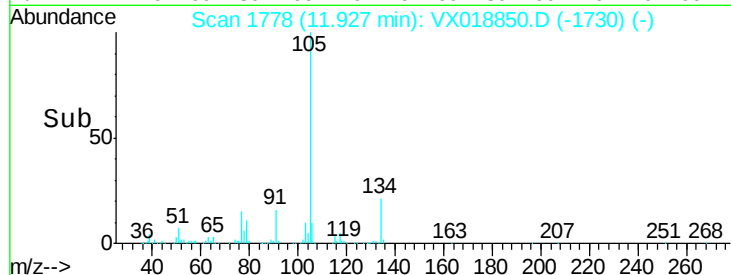
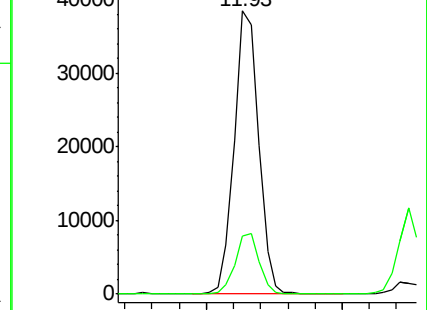
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.037 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018850.D

Acq: 09 Oct 2020 11:40

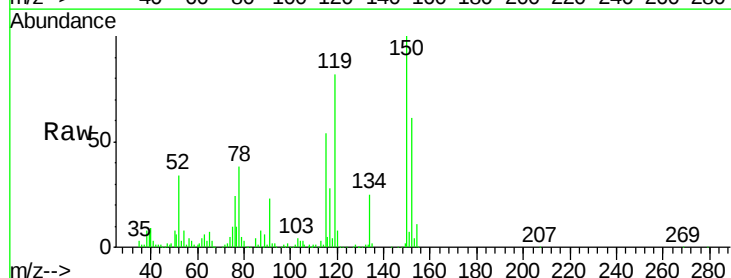
Tgt Ion:119 Resp: 45342

Ion Ratio Lower Upper

119 100

134 28.0 12.8 38.4

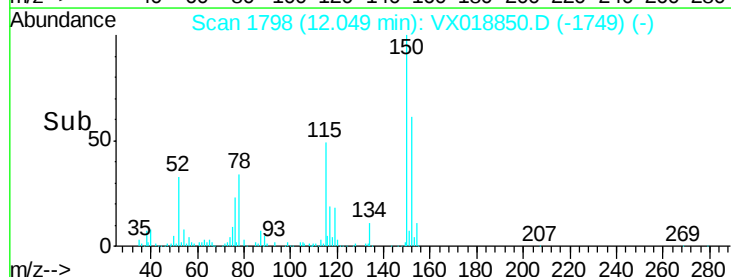
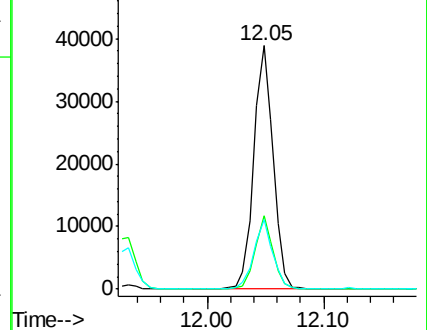
91 28.1 12.3 36.9

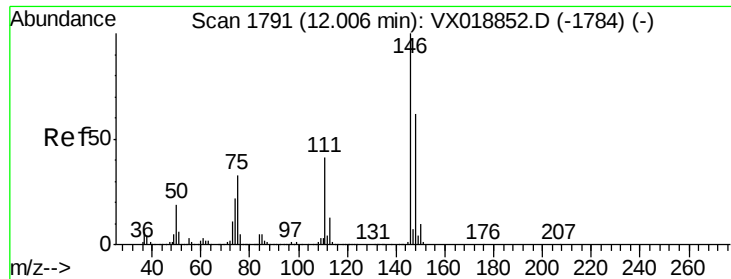


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





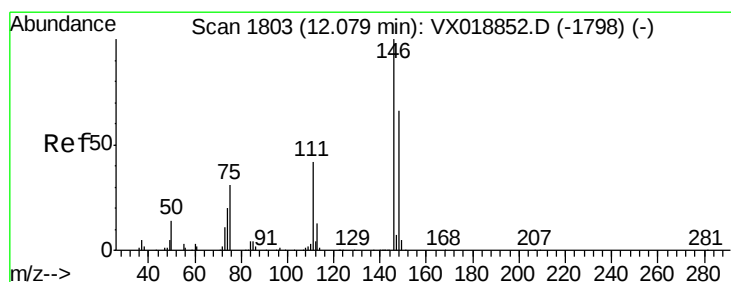
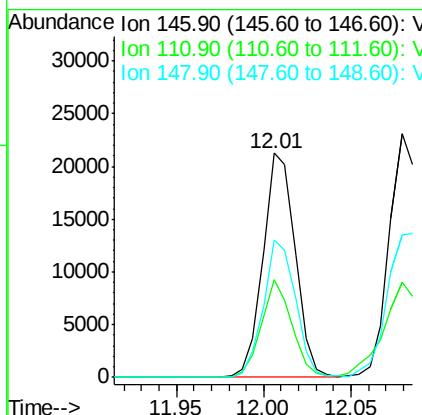
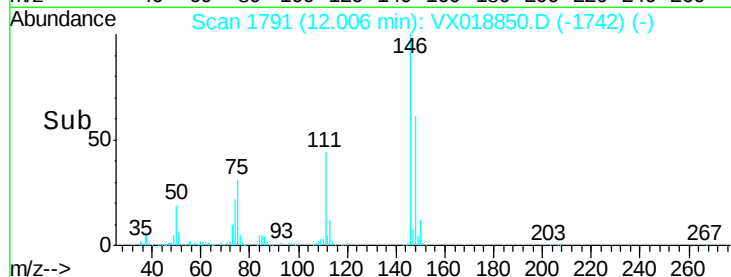
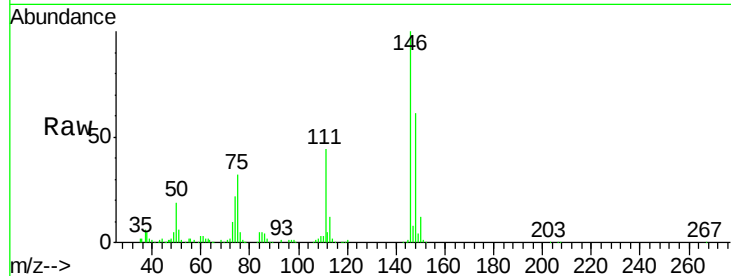
#87  
 1,3-Dichlorobenzene  
 Concen: 5.521 ug/l  
 RT: 12.01 min Scan# 1791  
 Delta R.T. 0.00 min  
 Lab File: VX018850.D  
 Acq: 09 Oct 2020 11:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.3  | 20.0  | 59.9  |
| 148     | 61.0  | 31.4  | 94.3  |

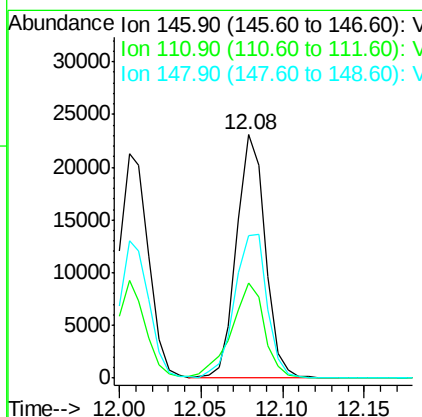
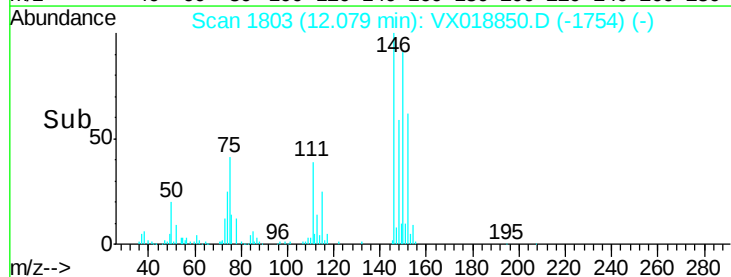
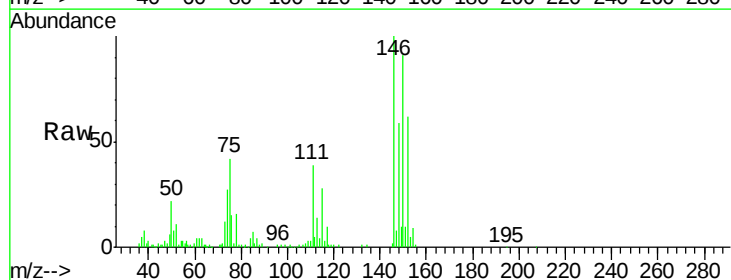
Manual Integrations  
 APPROVED

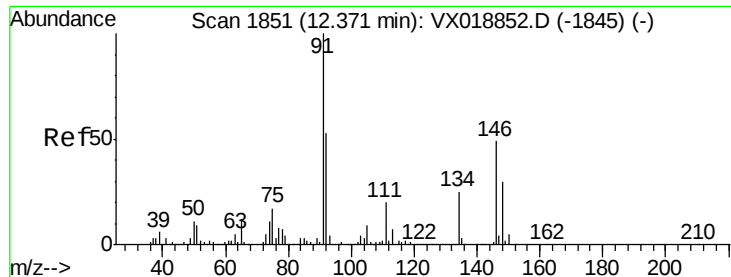
MMDadoda  
 10/12/2020 2:23:21 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 5.707 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. 0.00 min  
 Lab File: VX018850.D  
 Acq: 09 Oct 2020 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 45.0  | 20.5  | 61.5  |
| 148     | 66.9  | 32.2  | 96.6  |





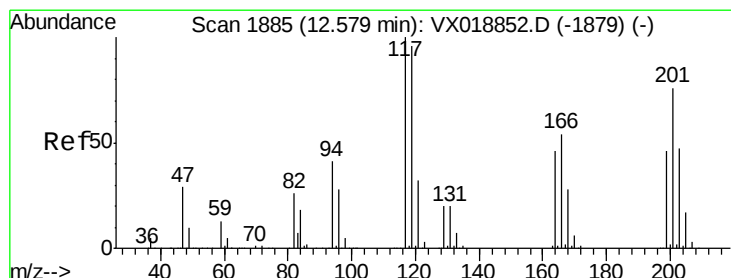
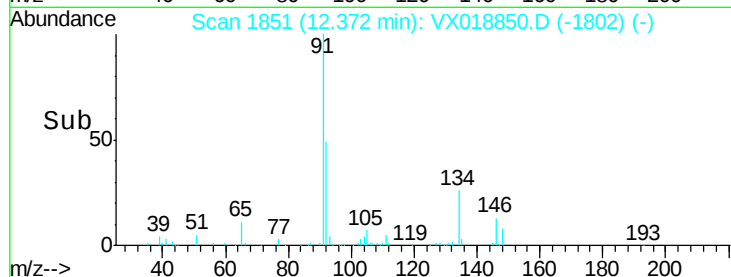
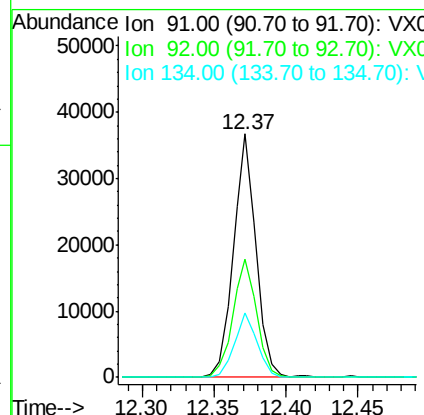
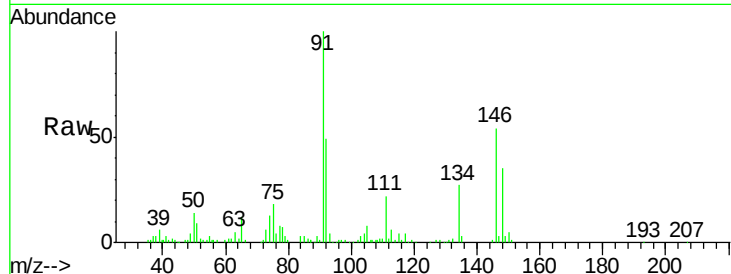
#89  
n-Butylbenzene  
Concen: 4.916 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. 0.00 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 51.5  | 26.7  | 80.0  |
| 134     | 26.7  | 13.5  | 40.4  |

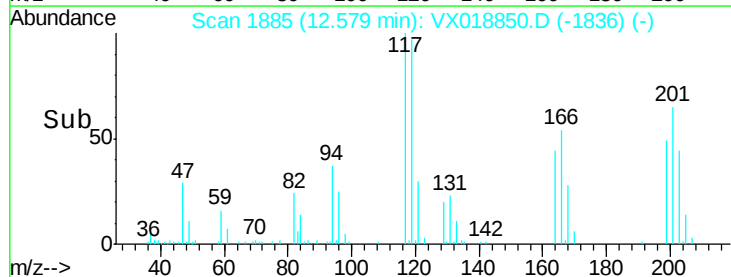
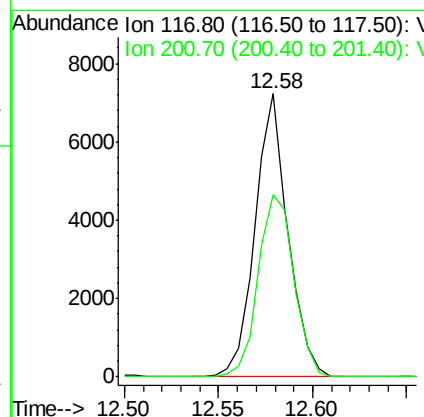
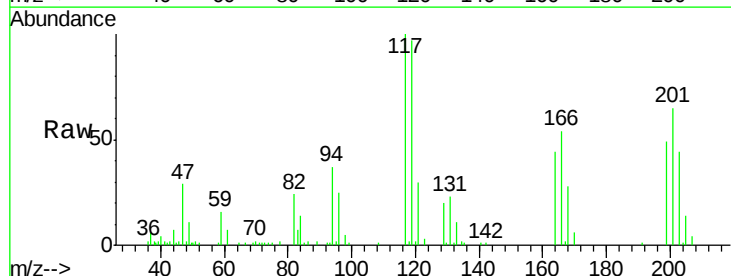
Manual Integrations  
APPROVED

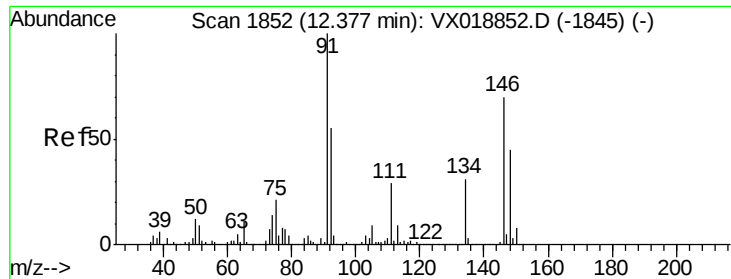
MMDadoda  
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#90  
Hexachloroethane  
Concen: 4.935 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. 0.00 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 69.7  | 37.4  | 112.2 |





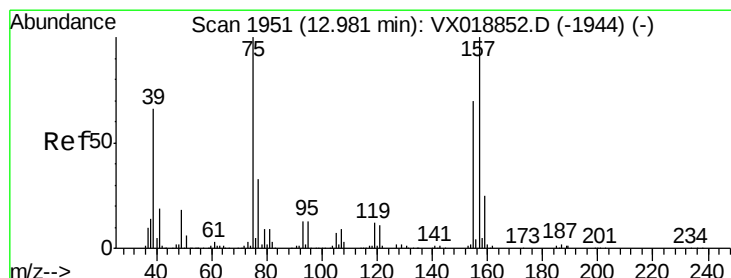
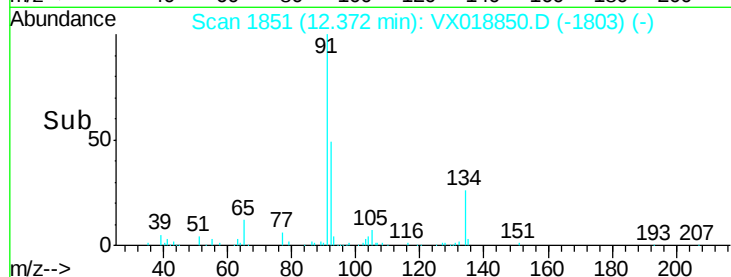
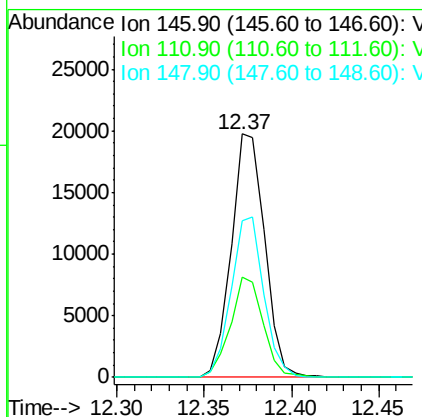
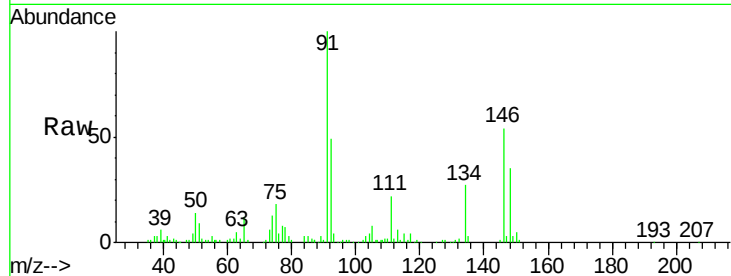
#91  
 1,2-Dichlorobenzene  
 Concen: 5.666 ug/l  
 RT: 12.37 min Scan# 1851  
 Delta R.T. -0.01 min  
 Lab File: VX018850.D  
 Acq: 09 Oct 2020 11:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.6  | 20.6  | 61.9  |
| 148     | 64.3  | 31.1  | 93.2  |

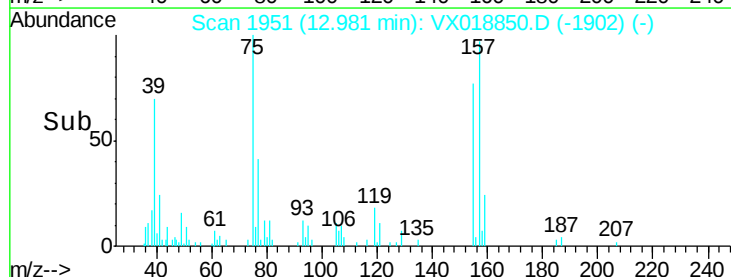
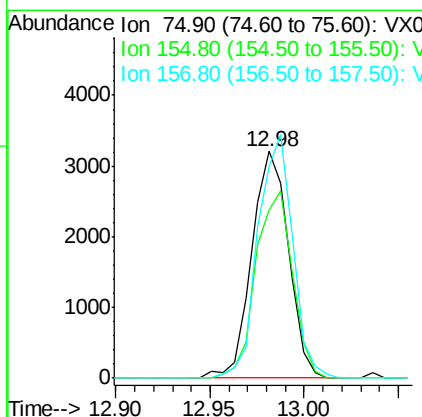
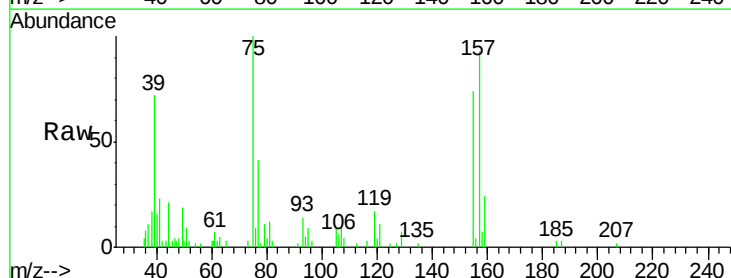
Manual Integrations  
 APPROVED

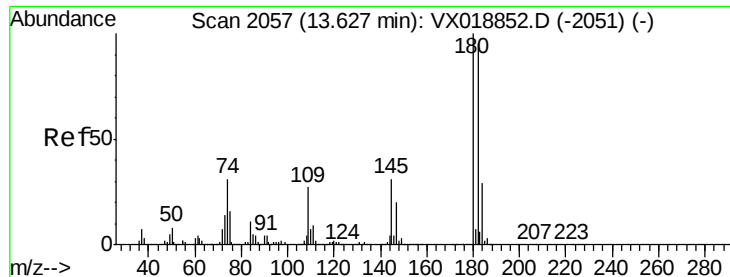
MMDadoda  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 5.421 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. 0.00 min  
 Lab File: VX018850.D  
 Acq: 09 Oct 2020 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 82.7  | 38.0  | 113.9 |
| 157     | 101.6 | 50.9  | 152.7 |





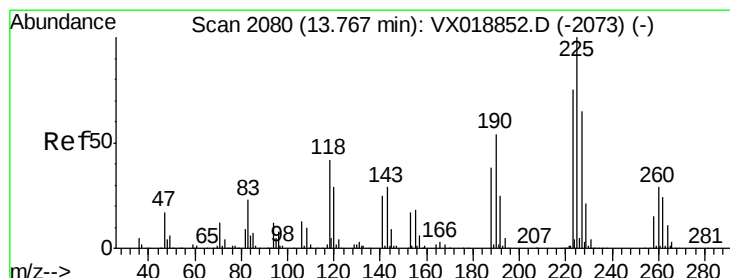
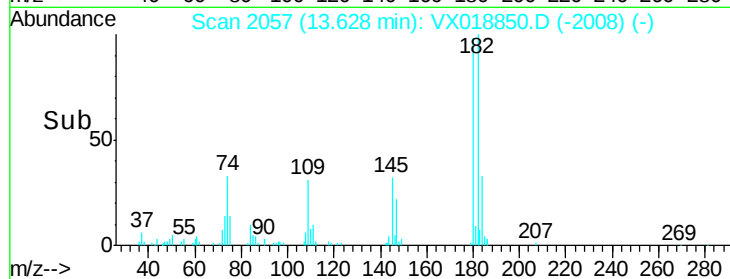
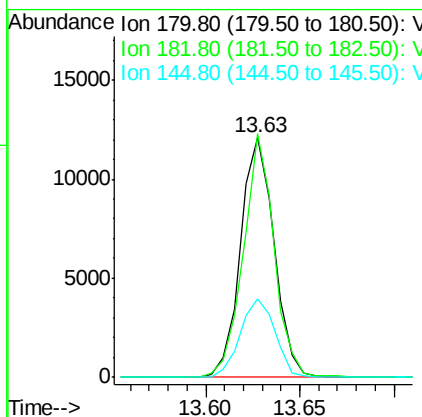
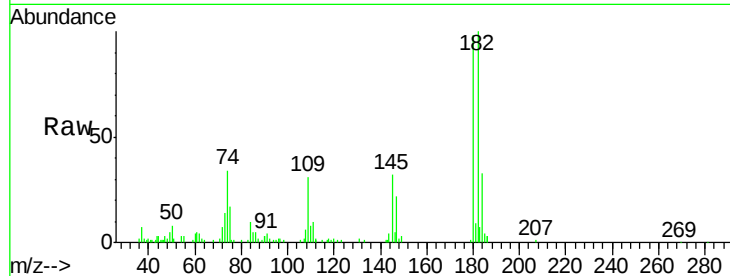
#93  
 1,2,4-Trichlorobenzene  
 Concen: 4.655 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. 0.00 min  
 Lab File: VX018850.D  
 Acq: 09 Oct 2020 11:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   |       |       |       |
| 182     | 93.3  | 14890 | 49.1  | 147.3 |
| 145     | 33.8  |       | 16.0  | 48.0  |

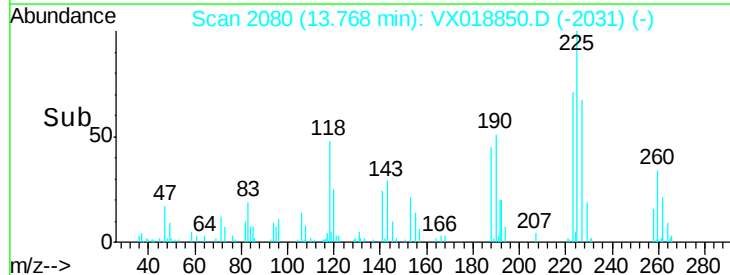
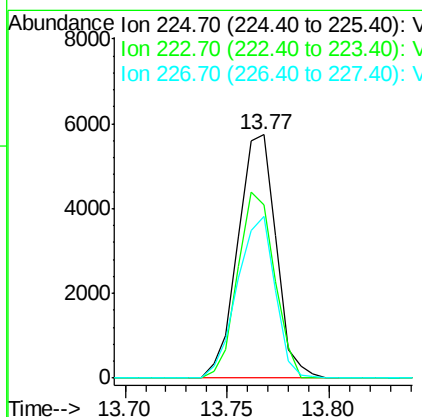
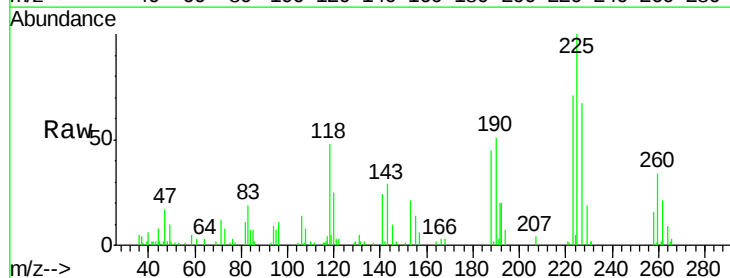
Manual Integrations  
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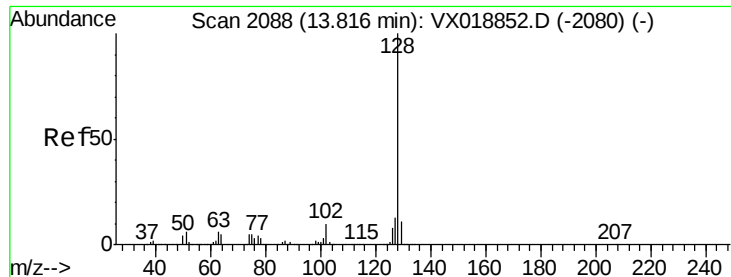
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#94  
 Hexachlorobutadiene  
 Concen: 5.570 ug/l  
 RT: 13.77 min Scan# 2080  
 Delta R.T. 0.00 min  
 Lab File: VX018850.D  
 Acq: 09 Oct 2020 11:40

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   | 7487 |       |       |
| 223     | 73.0  |      | 32.1  | 96.3  |
| 227     | 65.7  |      | 33.0  | 98.9  |





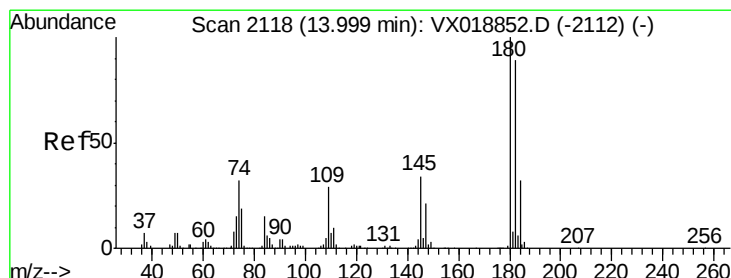
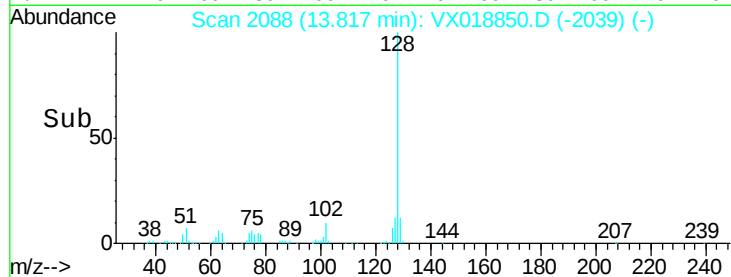
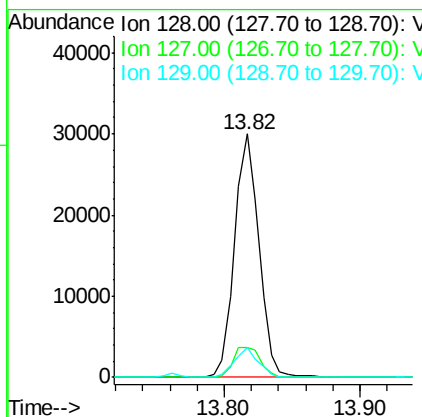
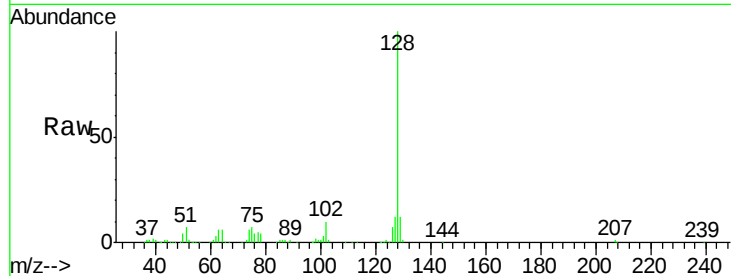
#95  
Naphthalene  
Concen: 3.880 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. 0.00 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.9  | 10.1  | 15.1  |
| 129     | 11.8  | 8.6   | 13.0  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 4.766 ug/l  
RT: 14.00 min Scan# 2118  
Delta R.T. 0.00 min  
Lab File: VX018850.D  
Acq: 09 Oct 2020 11:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 103.1 | 47.7  | 143.1 |
| 145     | 34.0  | 16.7  | 50.0  |

