

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052720\  
 Data File : VX016455.D  
 Acq On : 27 May 2020 19:07  
 Operator : JC/SP  
 Sample : VX0527WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 Client Sampled :  
 VX0527WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 5/28/2020 2:10:36 PM

Quant Time: May 28 03:40:51 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X052720W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 27 16:31:05 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 299565   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.84  | 114  | 471788   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 433426   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 215455   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 6.03   | 65  | 172720   | 46.43 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 92.86% |      |
| 35) Dibromofluoromethane    | 5.46   | 113 | 133945   | 46.11 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 92.22% |      |
| 50) Toluene-d8              | 8.70   | 98  | 537606   | 47.55 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 95.10% |      |
| 62) 4-Bromofluorobenzene    | 11.12  | 95  | 198414   | 45.41 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 90.82% |      |

| Target Compounds              |      |     |        |        |      | Qvalue |
|-------------------------------|------|-----|--------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 56122  | 19.037 | ug/l | 99     |
| 3) Chloromethane              | 1.31 | 50  | 64795  | 18.188 | ug/l | 98     |
| 4) Vinyl Chloride             | 1.39 | 62  | 70725  | 18.772 | ug/l | 99     |
| 5) Bromomethane               | 1.63 | 94  | 41747  | 22.789 | ug/l | 99     |
| 6) Chloroethane               | 1.71 | 64  | 42721  | 19.439 | ug/l | 97     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 92686  | 18.732 | ug/l | 99     |
| 8) Diethyl Ether              | 2.17 | 74  | 37850  | 18.346 | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101 | 51168  | 18.790 | ug/l | 99     |
| 10) Methyl Iodide             | 2.49 | 142 | 46688  | 16.529 | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.01 | 59  | 89013  | 93.307 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 53773  | 18.655 | ug/l | 98     |
| 13) Acrolein                  | 2.27 | 56  | 33612  | 82.827 | ug/l | 98     |
| 14) Allyl chloride            | 2.71 | 41  | 103154 | 19.459 | ug/l | 99     |
| 15) Acrylonitrile             | 3.12 | 53  | 190056 | 97.257 | ug/l | 99     |
| 16) Acetone                   | 2.42 | 43  | 158756 | 97.402 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.55 | 76  | 163854 | 19.142 | ug/l | 99     |
| 18) Methyl Acetate            | 2.75 | 43  | 81433  | 19.480 | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 199769 | 19.300 | ug/l | 97     |
| 20) Methylene Chloride        | 2.84 | 84  | 62480  | 18.528 | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 60914  | 19.105 | ug/l | 96     |
| 22) Diisopropyl ether         | 3.82 | 45  | 196764 | 19.322 | ug/l | 99     |
| 23) Vinyl Acetate             | 3.79 | 43  | 870042 | 97.609 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 108912 | 18.949 | ug/l | 99     |
| 25) 2-Butanone                | 4.64 | 43  | 265594 | 96.166 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 4.55 | 77  | 92172  | 19.598 | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 4.57 | 96  | 69484  | 18.838 | ug/l | 98     |
| 28) Bromochloromethane        | 4.98 | 49  | 52018  | 19.475 | ug/l | 100    |
| 29) Tetrahydrofuran           | 5.09 | 42  | 174952 | 98.053 | ug/l | 99     |
| 30) Chloroform                | 5.18 | 83  | 110938 | 19.156 | ug/l | 98     |
| 31) Cyclohexane               | 5.55 | 56  | 97975  | 18.948 | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 99301  | 18.939 | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.77 | 75  | 83080  | 18.599 | ug/l | 99     |
| 37) Ethyl Acetate             | 4.79 | 43  | 100407 | 18.722 | ug/l | 98     |
| 38) Carbon Tetrachloride      | 5.75 | 117 | 87925  | 18.730 | ug/l | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052720\  
 Data File : VX016455.D  
 Acq On : 27 May 2020 19:07  
 Operator : JC/SP  
 Sample : VX0527WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0527WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 5/28/2020 2:10:36 PM

Quant Time: May 28 03:40:51 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X052720W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 27 16:31:05 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 91646    | 18.889  | ug/l   | 99       |
| 40) Benzene                    | 6.12  | 78   | 252513   | 18.983  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.01  | 41   | 54320    | 18.440  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 88812    | 18.774  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.42  | 43   | 158390   | 18.934  | ug/l   | 100      |
| 44) Trichloroethene            | 7.19  | 130  | 78892    | 18.692  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 65003    | 19.195  | ug/l   | 99       |
| 46) Dibromomethane             | 7.64  | 93   | 42610    | 18.733  | ug/l   | 100      |
| 47) Bromodichloromethane       | 7.88  | 83   | 88748    | 18.844  | ug/l   | 95       |
| 48) Methyl methacrylate        | 7.75  | 41   | 75190    | 18.773  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.71  | 88   | 33998    | 362.709 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 507253   | 97.386  | ug/l   | 100      |
| 52) Toluene                    | 8.77  | 92   | 159521   | 19.017  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 102713   | 19.179  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 108368   | 19.117  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 63087    | 18.915  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 101232   | 18.637  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 108761   | 18.998  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 261539   | 92.247  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.48  | 43   | 392999   | 97.023  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.57  | 129  | 68787    | 18.327  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 66679    | 18.670  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.32  | 164  | 90056    | 18.572  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.12 | 112  | 168713   | 19.093  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 62613    | 18.563  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.24 | 91   | 300694   | 19.113  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.34 | 106  | 224914   | 38.558  | ug/l   | 99       |
| 69) o-Xylene                   | 10.68 | 106  | 107724   | 19.069  | ug/l   | 98       |
| 70) Styrene                    | 10.70 | 104  | 186988   | 19.257  | ug/l   | 100      |
| 71) Bromoform                  | 10.84 | 173  | 51869    | 18.195  | ug/l # | 97       |
| 73) Isopropylbenzene           | 11.00 | 105  | 284130   | 19.033  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.88 | 43   | 132274   | 19.263  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 70752    | 18.911  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 90510m   | 19.112  | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 72572    | 18.535  | ug/l   | 98       |
| 78) n-propylbenzene            | 11.34 | 91   | 322139   | 19.315  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 193745   | 19.031  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 239839   | 19.241  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 35071    | 18.216  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 229050   | 19.053  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 205142   | 19.261  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 241465   | 19.155  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.93 | 105  | 257052   | 19.239  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 241979   | 19.334  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 127113   | 18.739  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 128502   | 18.522  | ug/l   | 96       |
| 89) n-Butylbenzene             | 12.37 | 91   | 201431   | 19.322  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.58 | 117  | 40042    | 18.522  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 125455   | 19.089  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 22596    | 18.646  | ug/l   | 99       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052720\  
Data File : VX016455.D  
Acq On : 27 May 2020 19:07  
Operator : JC/SP  
Sample : VX0527WBSD01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBSD01

Manual Integrations  
APPROVED

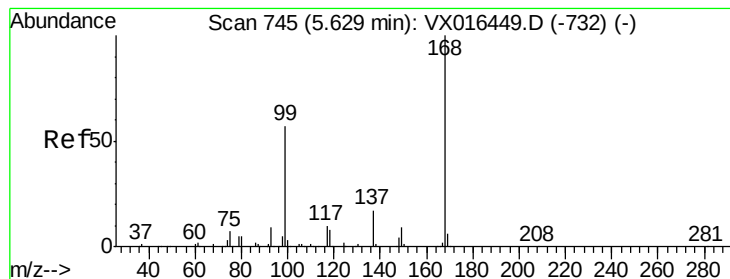
MMDadoda  
5/28/2020 2:10:36 PM

Quant Time: May 28 03:40:51 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X052720W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 27 16:31:05 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 83089    | 19.036 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.76 | 225  | 34004    | 19.842 | ug/l  | 98       |
| 95) Naphthalene            | 13.82 | 128  | 291089   | 19.454 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 84233    | 19.698 | ug/l  | 96       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0527WBSD01

Tot Ion:168 Resp: 299565

Ion Ratio Lower Upper

168 100

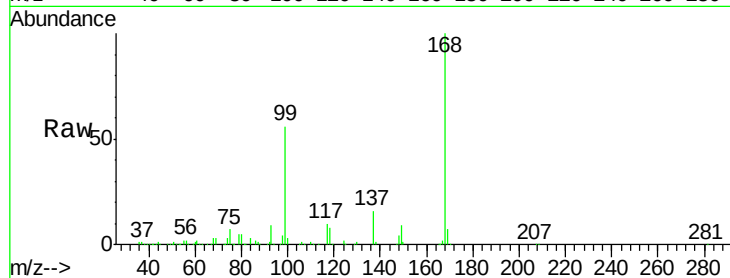
99 55.7 45.2 67.8

Manual Integrations

APPROVED

MMDadoda

5/28/2020 2:10:36 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

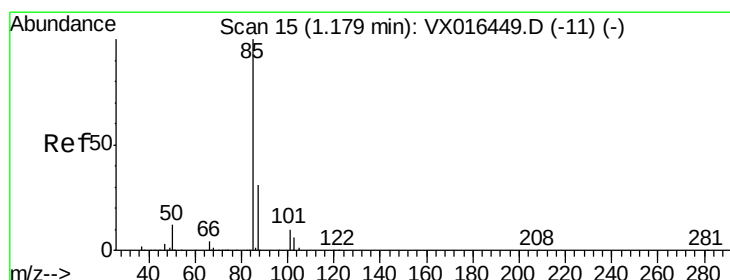
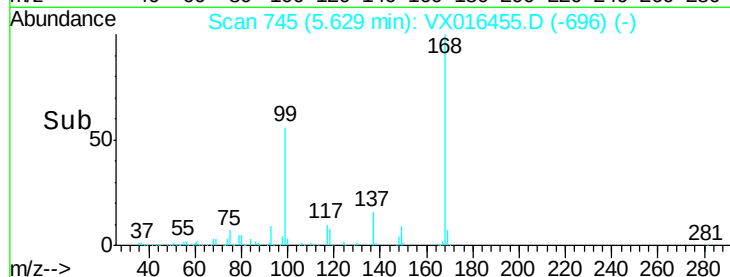
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.037 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016455.D

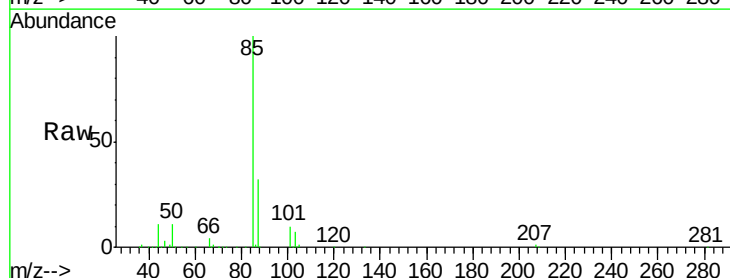
Acq: 27 May 2020 19:07

Tgt Ion: 85 Resp: 56122

Ion Ratio Lower Upper

85 100

87 31.6 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

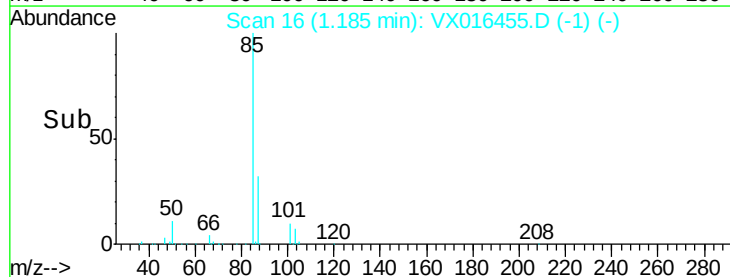
60000

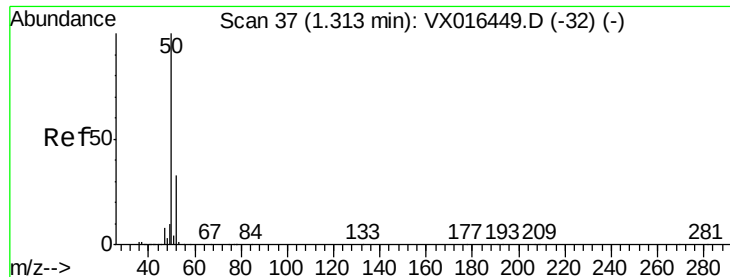
40000

20000

0

Time-->





#3

Chloromethane

Concen: 18.188 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0527WBSD01

Tot Ion: 50 Resp: 64795

Ion Ratio Lower Upper

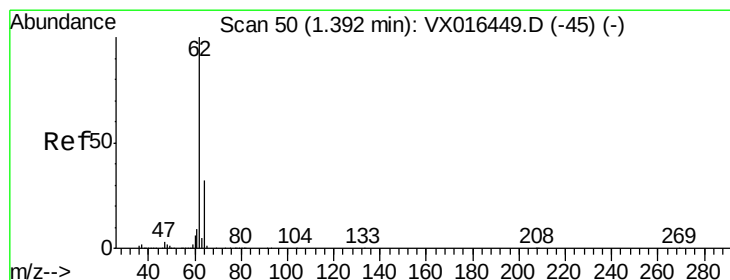
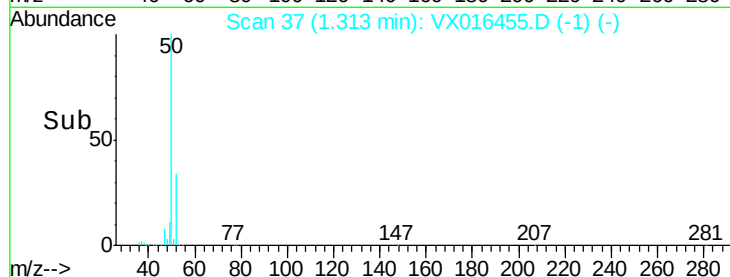
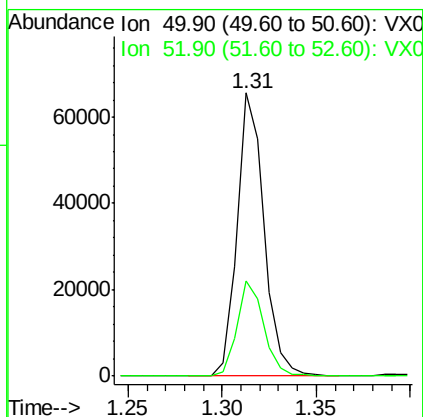
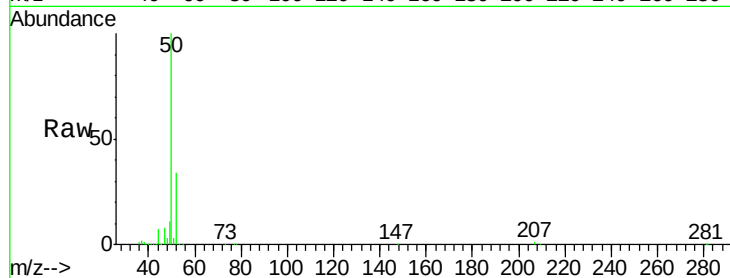
50 100

52 33.6 26.2 39.2

Manual Integrations  
APPROVED

MMDadoda

5/28/2020 2:10:36 PM



#4

Vinyl Chloride

Concen: 18.772 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016455.D

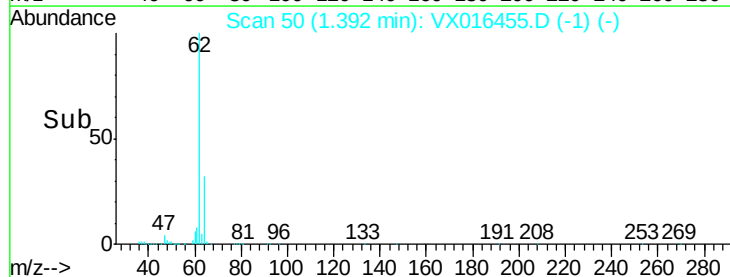
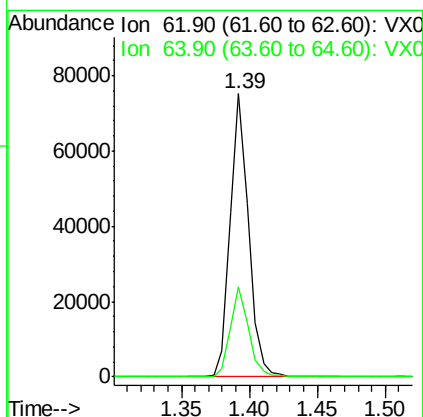
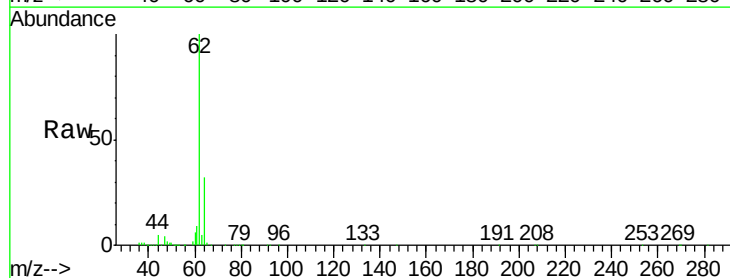
Acq: 27 May 2020 19:07

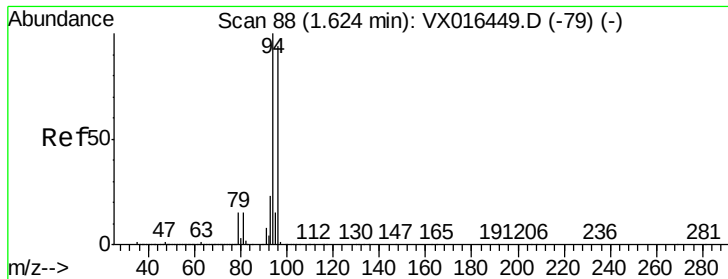
Tgt Ion: 62 Resp: 70725

Ion Ratio Lower Upper

62 100

64 31.7 25.9 38.9





#5

Bromomethane

Concen: 22.789 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Tot Ion: 94 Resp: 41747

Ion Ratio Lower Upper

94 100

96 92.8 75.1 112.7

Instrument :

MSVOA\_X

ClientSampleId :

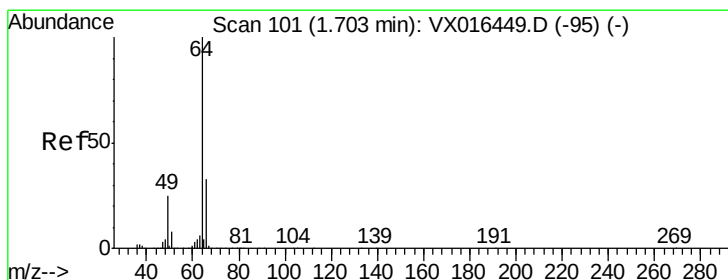
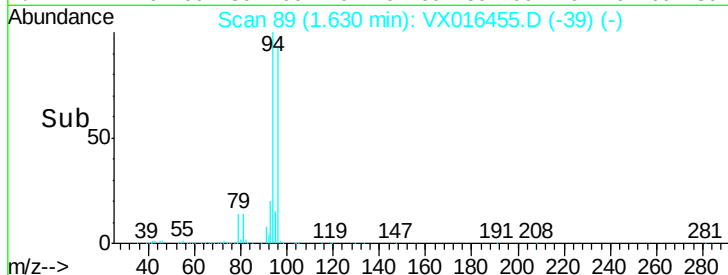
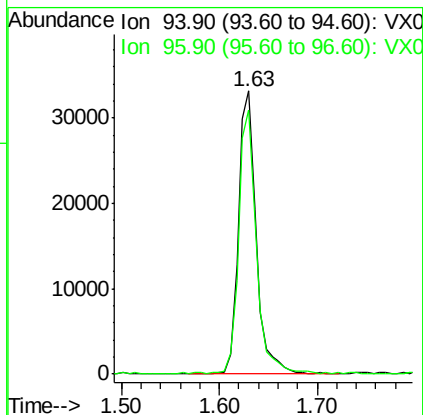
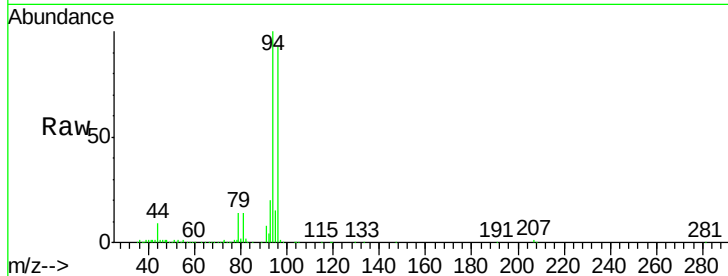
VX0527WBSD01

Manual Integrations

APPROVED

MMDadoda

5/28/2020 2:10:36 PM



#6

Chloroethane

Concen: 19.439 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016455.D

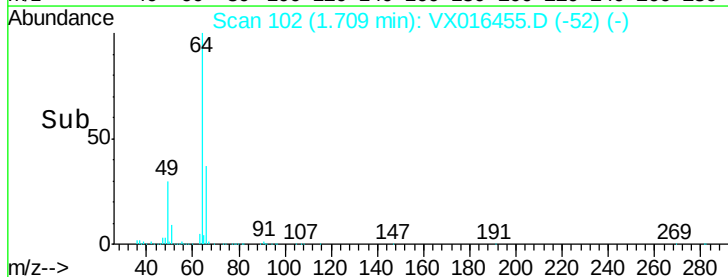
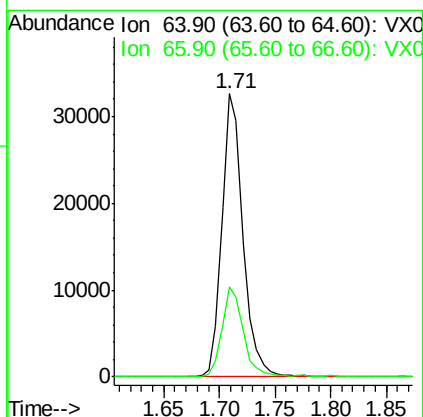
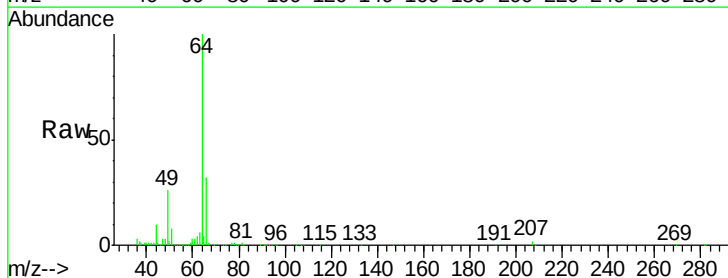
Acq: 27 May 2020 19:07

Tgt Ion: 64 Resp: 42721

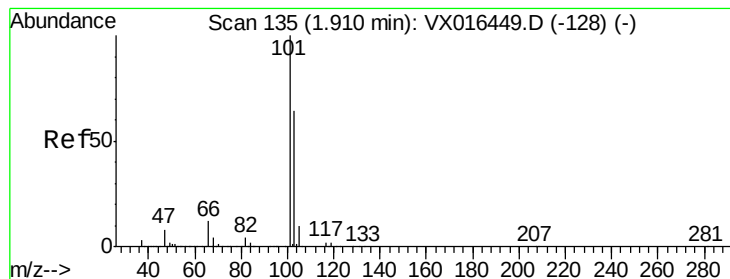
Ion Ratio Lower Upper

64 100

66 31.7 26.7 40.1







#7

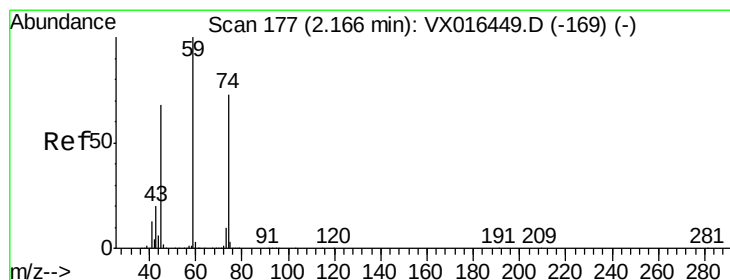
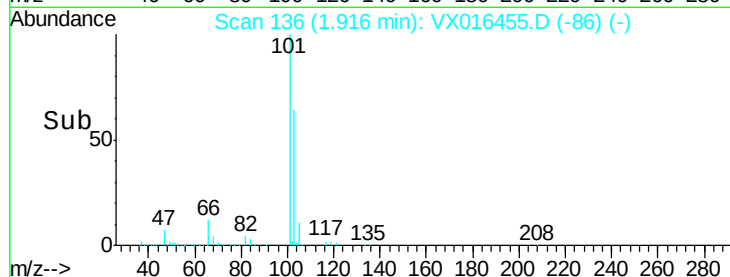
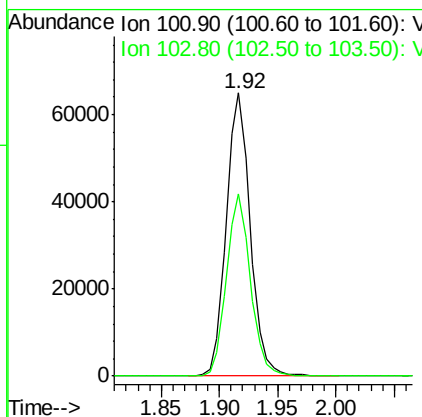
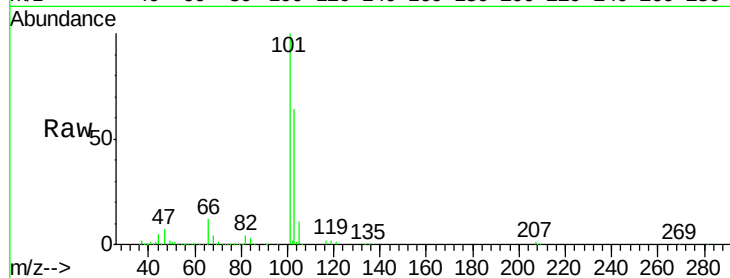
Trichlorofluoromethane  
Concen: 18.732 ug/l  
RT: 1.92 min Scan# 136  
Delta R.T. 0.01 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBSD01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 101     | 100  |       | 92686 |       |       |
| 103     | 64.1 | 50.9  | 76.3  |       |       |

Manual Integrations  
APPROVED

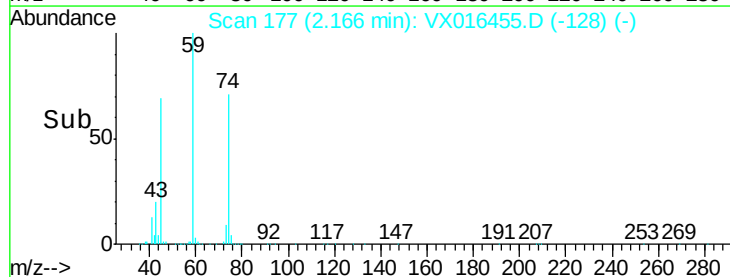
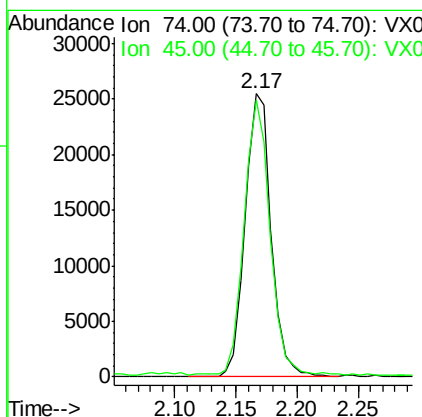
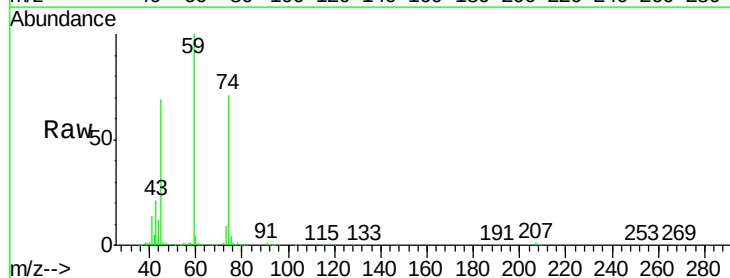
MMDadoda  
5/28/2020 2:10:36 PM



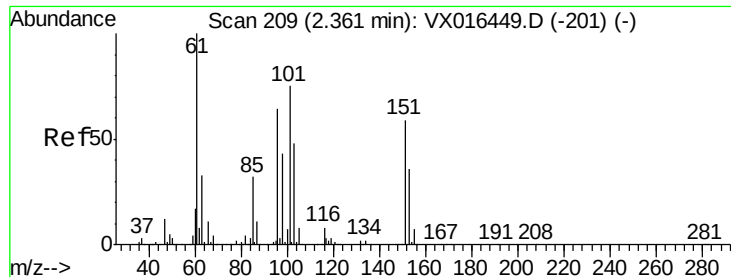
#8

Diethyl Ether  
Concen: 18.346 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 74      | 100  |       | 37850 |       |       |
| 45      | 97.1 | 47.5  | 142.5 |       |       |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.790 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA\_X

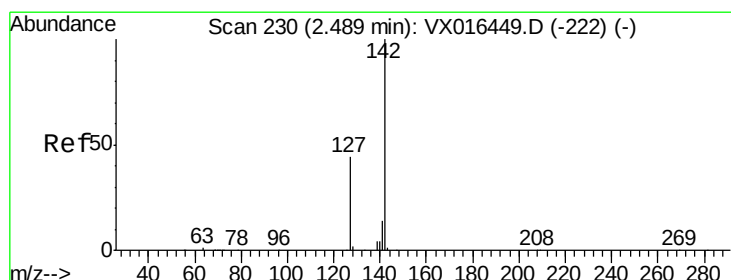
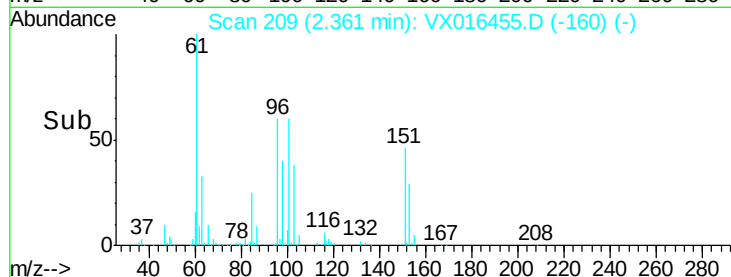
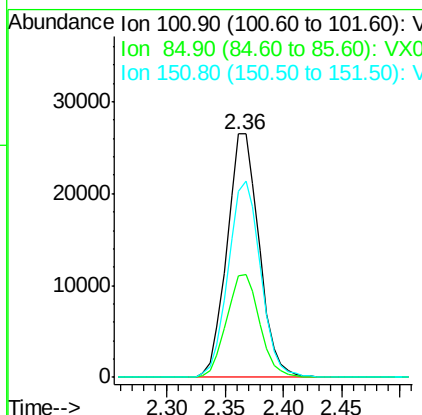
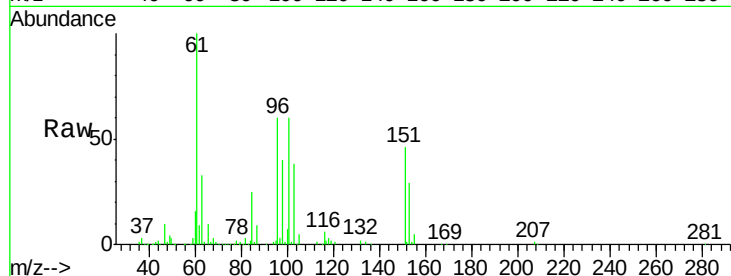
ClientSampleId :

VX0527WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 51168 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 43.2  | 34.4  | 51.6  |
| 151       | 81.1  | 63.8  | 95.6  |

Manual Integrations  
APPROVED

MMDadoda  
5/28/2020 2:10:36 PM



#10

Methyl Iodide

Concen: 16.529 ug/l

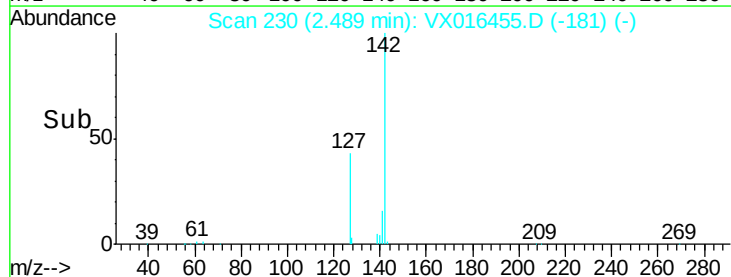
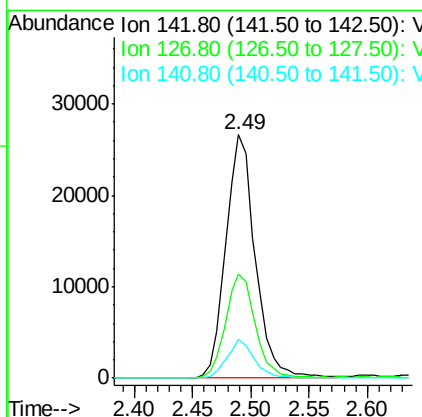
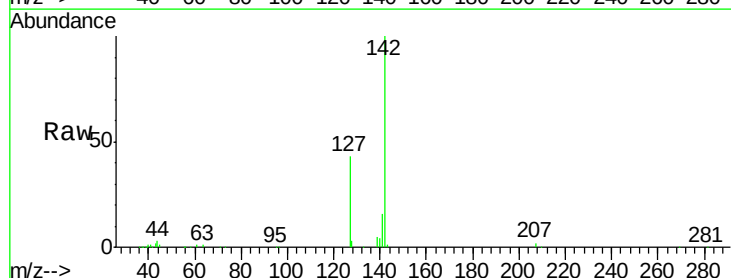
RT: 2.49 min Scan# 230

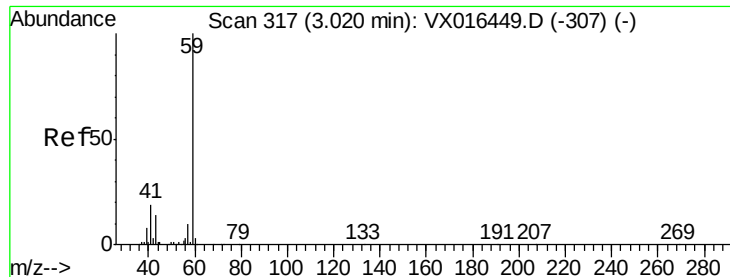
Delta R.T. 0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 46688 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 43.6  | 35.3  | 52.9  |
| 141       | 14.8  | 11.4  | 17.2  |





#11

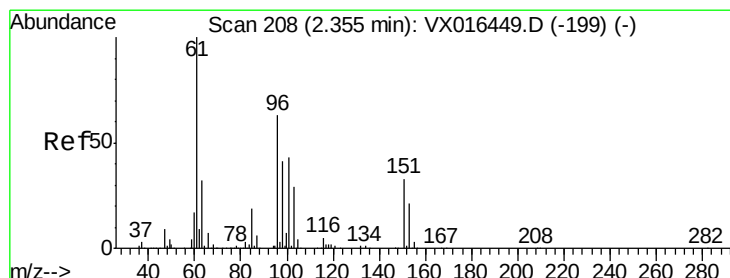
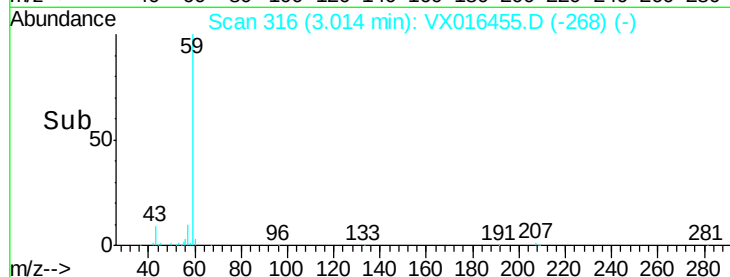
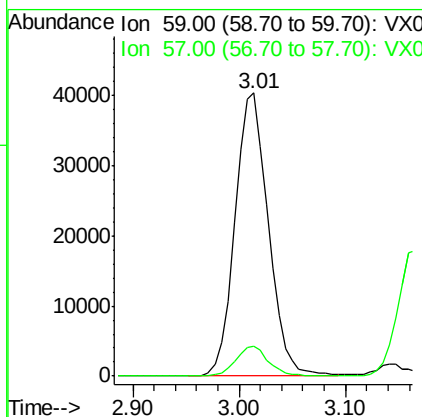
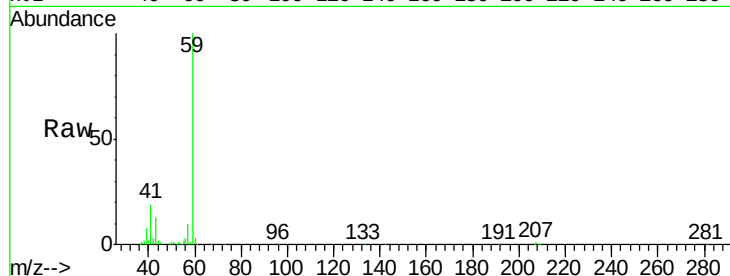
Tert butyl alcohol  
 Concen: 93.307 ug/l  
 RT: 3.01 min Scan# 316  
 Delta R.T. -0.01 min  
 Lab File: VX016455.D  
 Acq: 27 May 2020 19:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0527WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.3  | 8.2   | 12.4  |

Manual Integrations  
 APPROVED

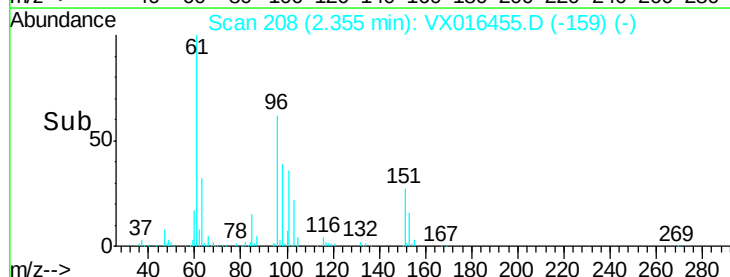
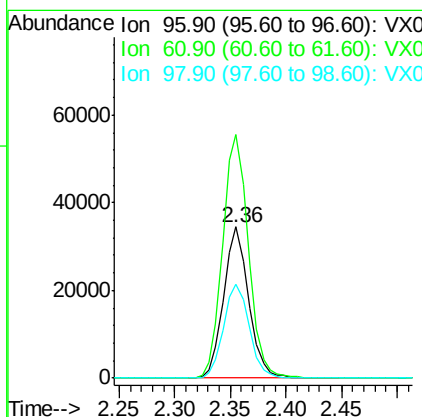
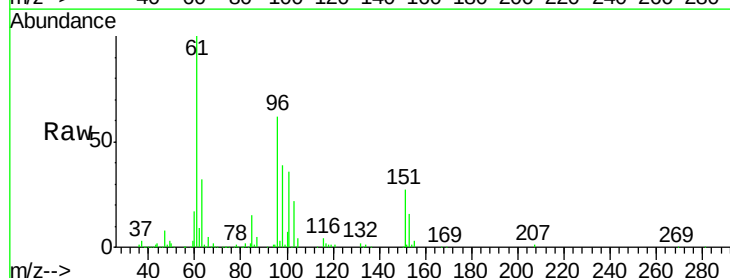
MMDadoda  
 5/28/2020 2:10:36 PM

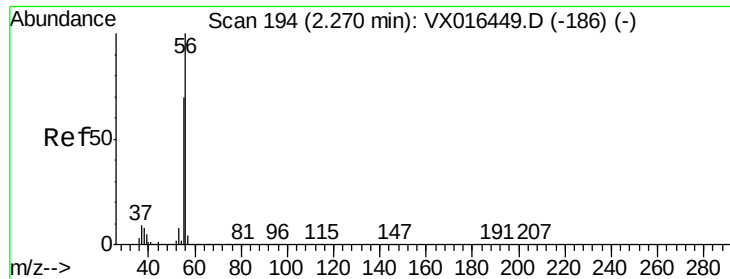


#12

1,1-Dichloroethene  
 Concen: 18.655 ug/l  
 RT: 2.36 min Scan# 208  
 Delta R.T. -0.00 min  
 Lab File: VX016455.D  
 Acq: 27 May 2020 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 161.0 | 126.6 | 189.8 |
| 98      | 62.2  | 51.3  | 76.9  |





#13

Acrolein

Concen: 82.827 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0527WBSD01

Tot Ion: 56 Resp: 33612

Ion Ratio Lower Upper

56 100

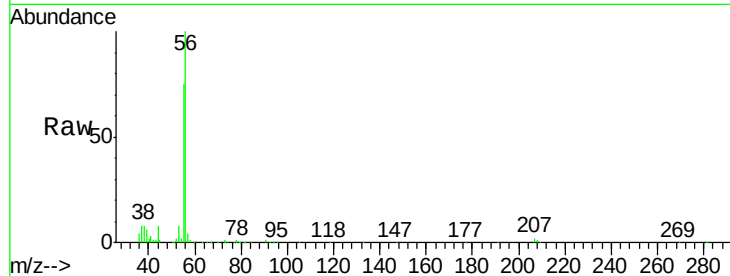
55 71.2 58.3 87.5

Manual Integrations

APPROVED

MMDadoda

5/28/2020 2:10:36 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

25000

20000

15000

10000

5000

0

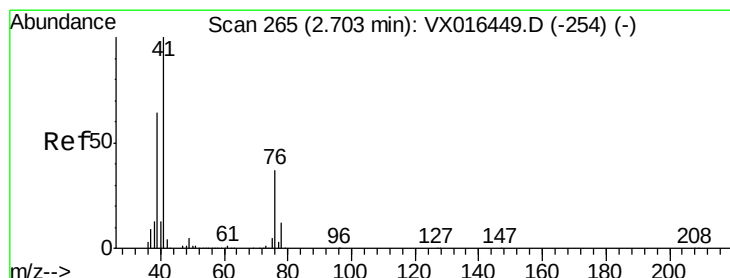
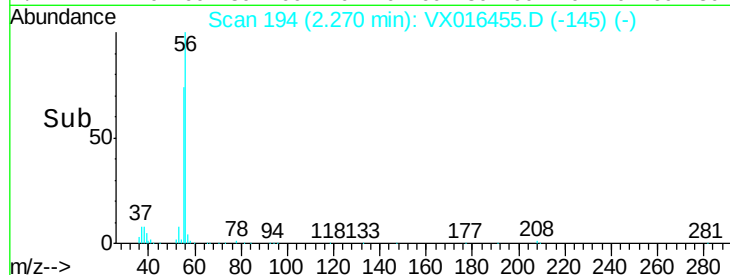
2.20

2.25

2.30

2.35

Time-->



#14

Allyl chloride

Concen: 19.459 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

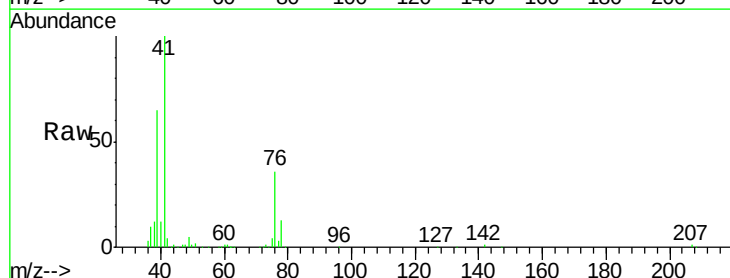
Tgt Ion: 41 Resp: 103154

Ion Ratio Lower Upper

41 100

39 58.6 47.7 71.5

76 33.1 26.6 40.0



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

60000

40000

20000

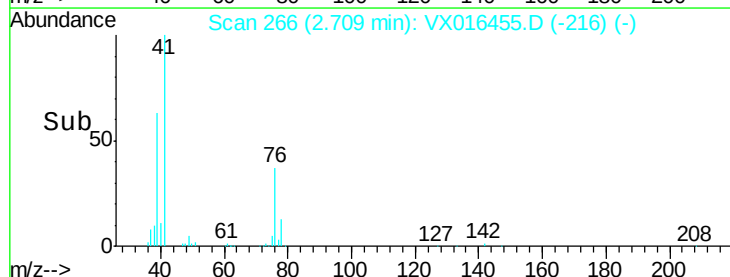
0

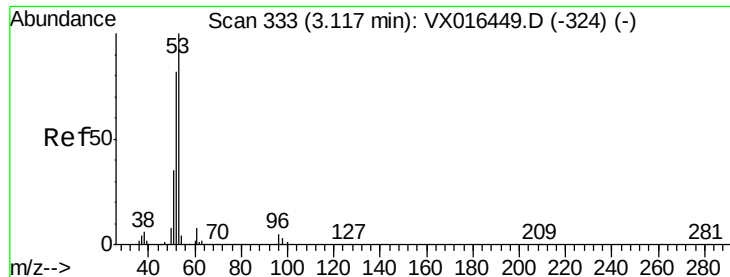
2.60

2.70

2.80

Time-->





#15

Acrylonitrile

Concen: 97.257 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA\_X

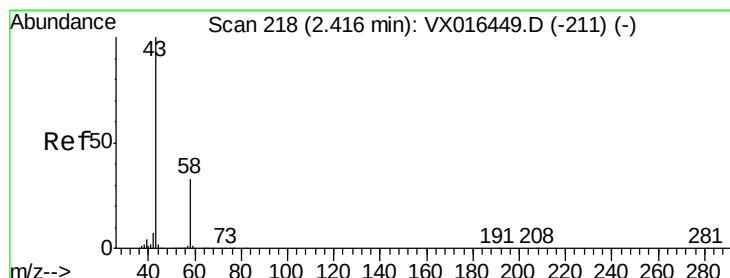
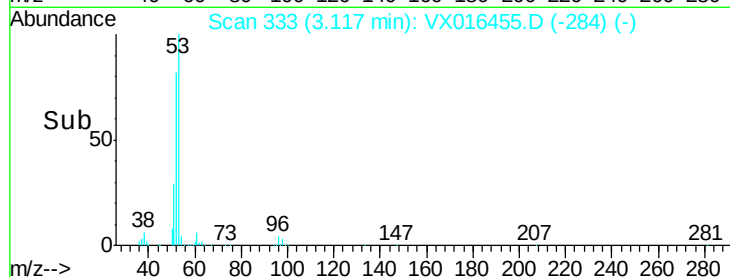
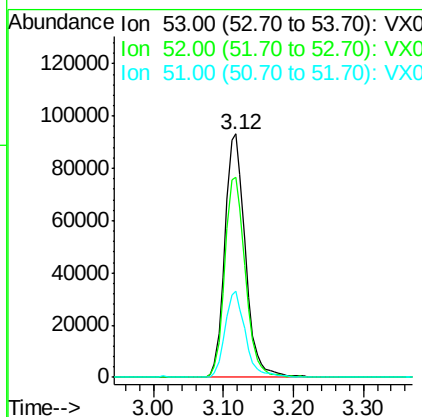
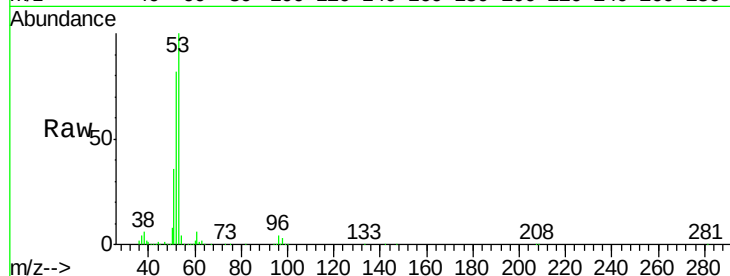
ClientSampleId :

VX0527WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 190056 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 82.3  | 66.7  | 100.1  |
| 51       | 35.1  | 28.6  | 43.0   |

Manual Integrations  
APPROVED

MMDadoda  
5/28/2020 2:10:36 PM



#16

Acetone

Concen: 97.402 ug/l

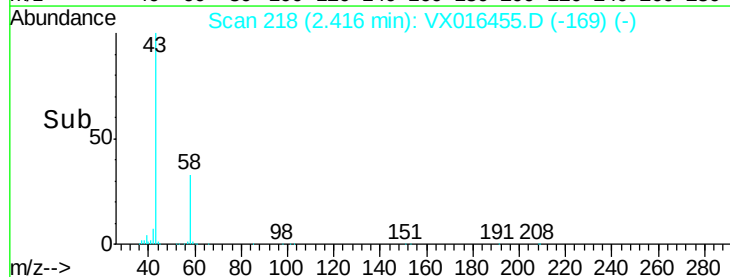
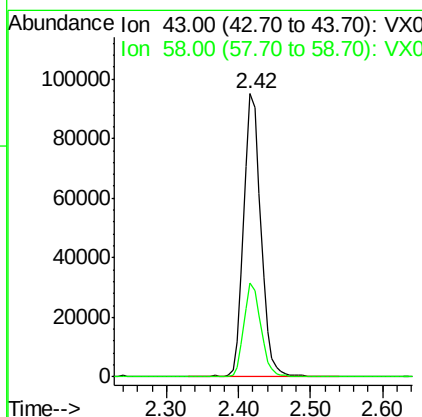
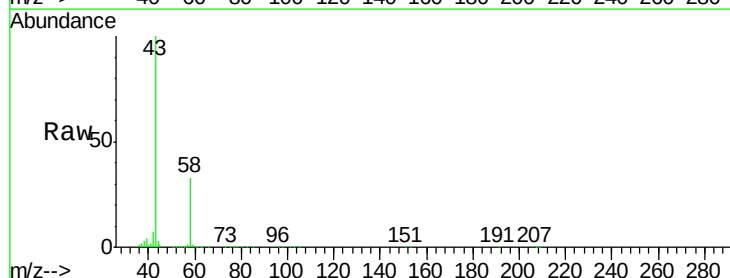
RT: 2.42 min Scan# 218

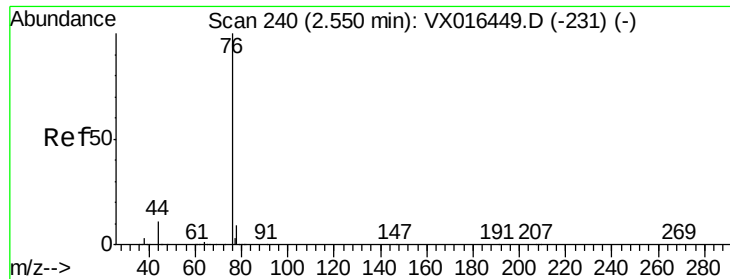
Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 158756 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 33.4  | 26.1  | 39.1   |





#17

Carbon Disulfide

Concen: 19.142 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0527WBSD01

Tot Ion: 76 Resp: 163854

Ion Ratio Lower Upper

76 100

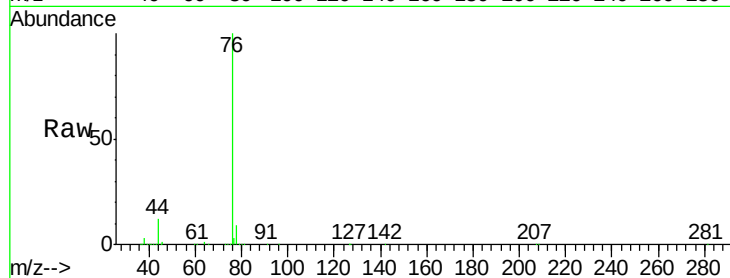
78 8.9 7.4 11.0

Manual Integrations

APPROVED

MMDadoda

5/28/2020 2:10:36 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

120000

100000

80000

60000

40000

20000

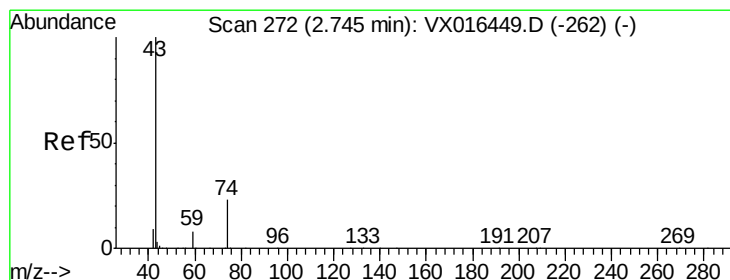
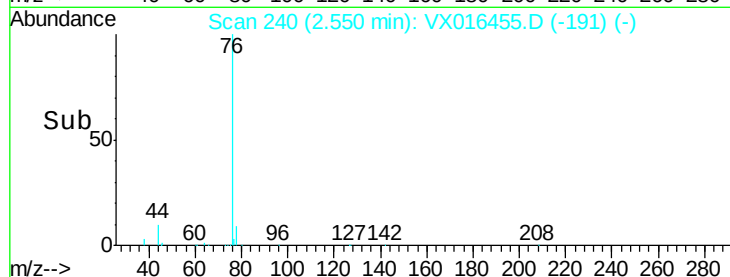
0

2.55

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 19.480 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX016455.D

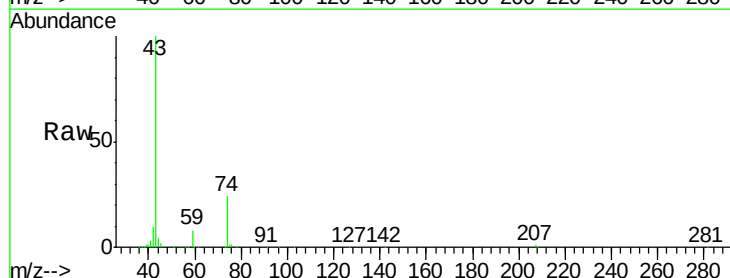
Acq: 27 May 2020 19:07

Tgt Ion: 43 Resp: 81433

Ion Ratio Lower Upper

43 100

74 25.0 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

50000

40000

30000

20000

10000

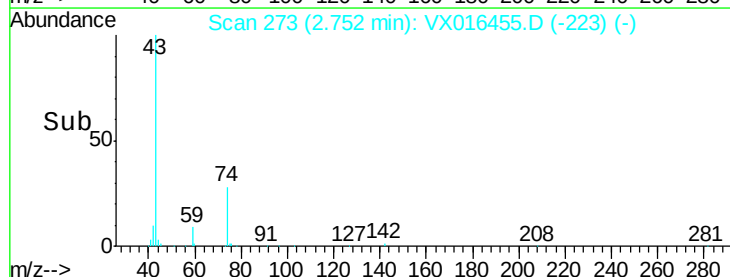
0

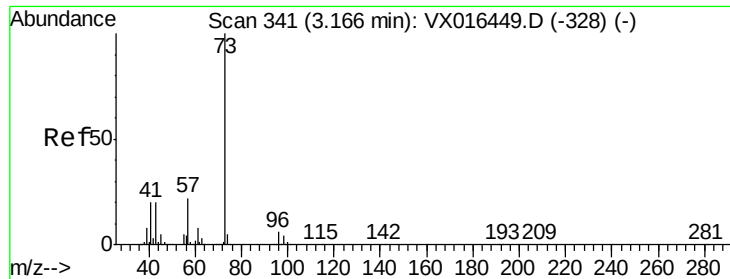
2.75

2.80

2.85

Time-->





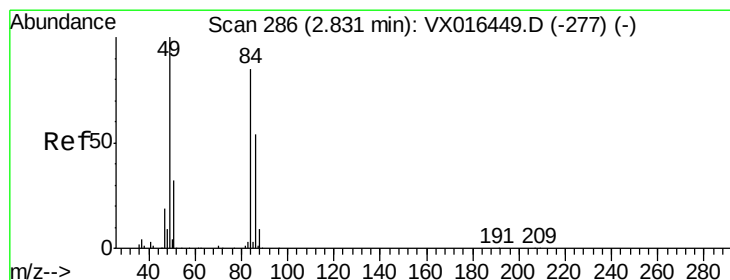
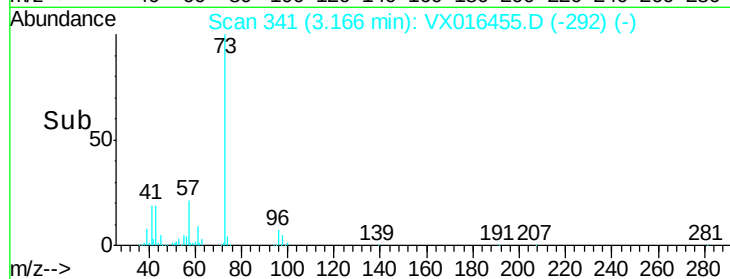
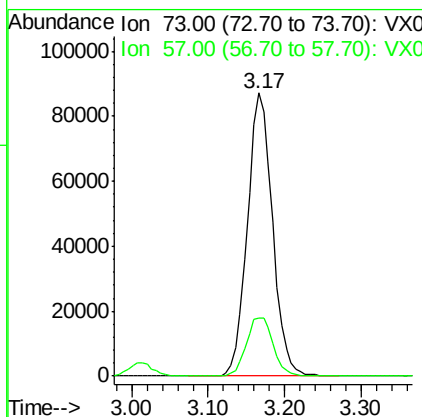
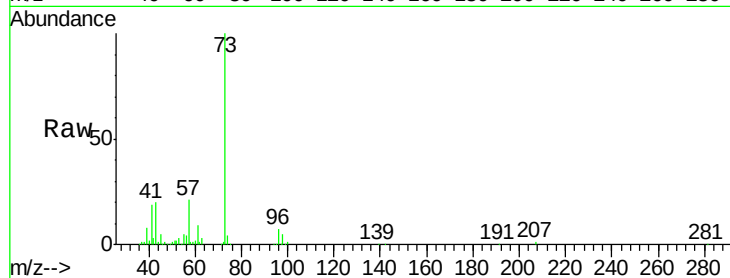
#19  
Methyl tert-butyl Ether  
Concen: 19.300 ug/l  
RT: 3.17 min Scan# 341  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 20.5  | 17.8  | 26.6  |

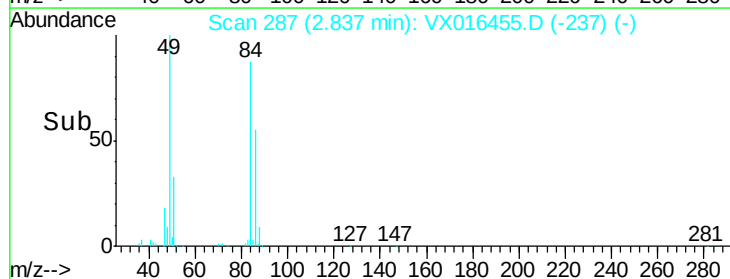
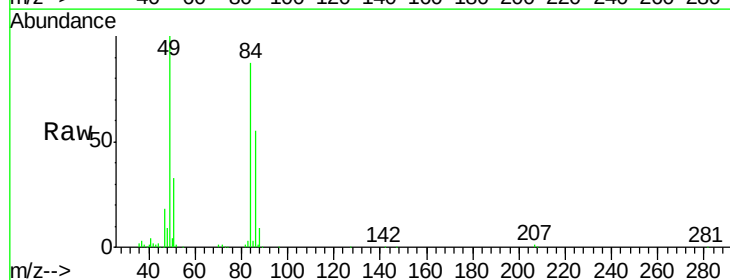
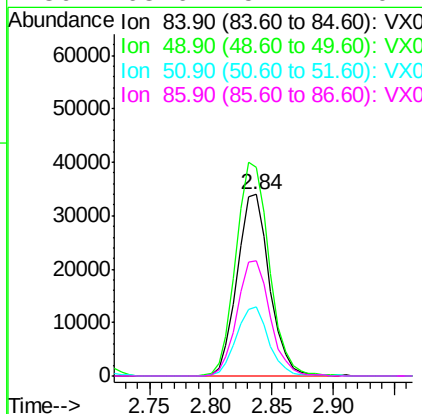
Manual Integrations  
APPROVED

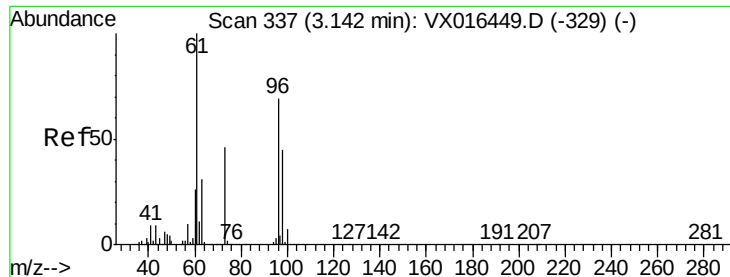
MMDadoda  
5/28/2020 2:10:36 PM



#20  
Methylene Chloride  
Concen: 18.528 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.01 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 114.9 | 94.5  | 141.7 |
| 51      | 38.0  | 30.2  | 45.4  |
| 86      | 63.6  | 51.1  | 76.7  |





#21

trans-1,2-Dichloroethene

Concen: 19.105 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA\_X

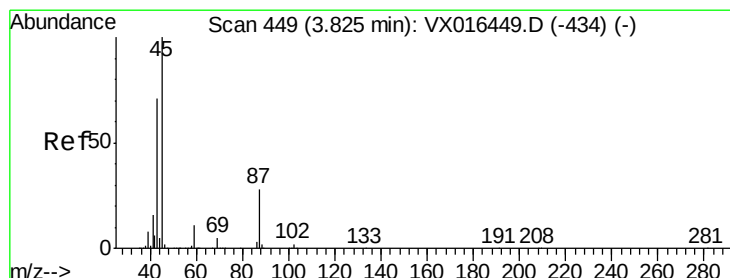
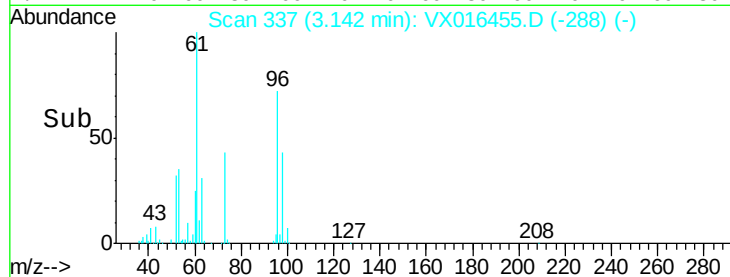
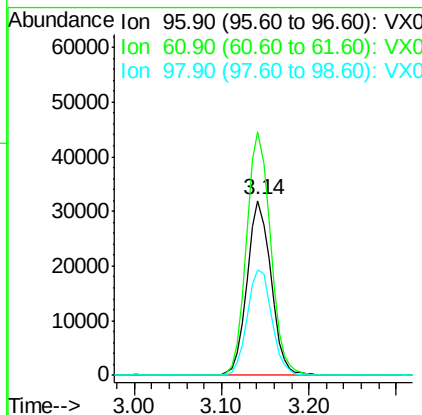
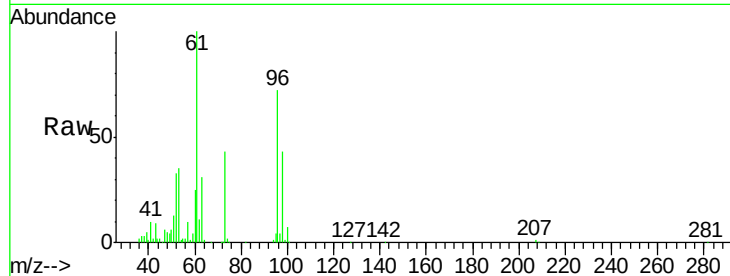
ClientSampleId :

VX0527WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 60914 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 139.7 | 115.3 | 172.9 |
| 98       | 60.6  | 51.9  | 77.9  |

Manual Integrations  
APPROVED

MMDadoda  
5/28/2020 2:10:36 PM



#22

Diisopropyl ether

Concen: 19.322 ug/l

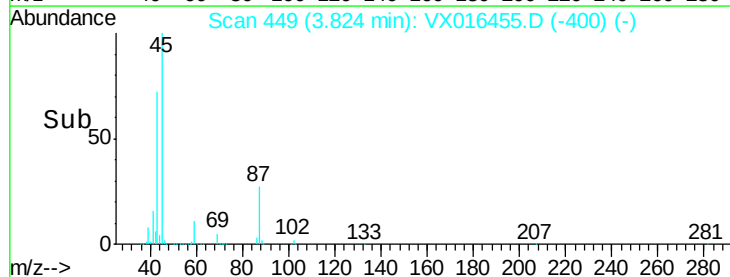
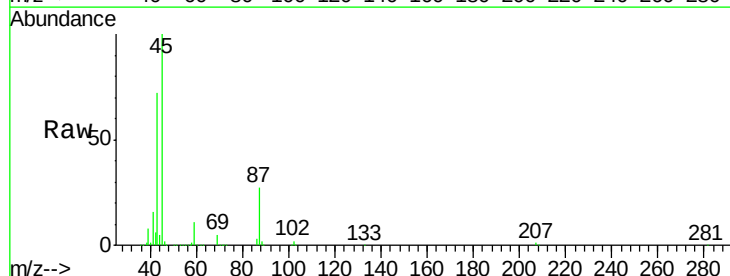
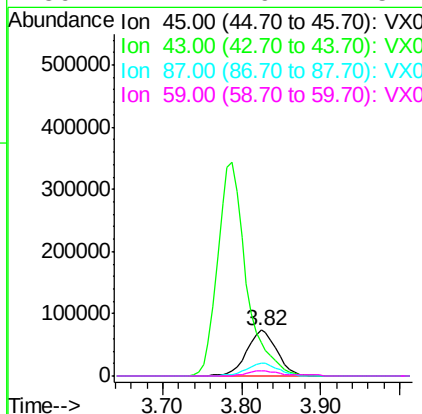
RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

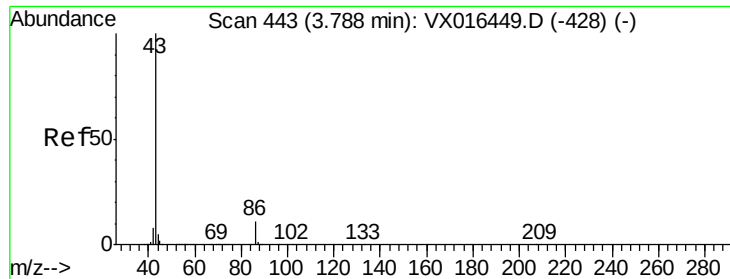
Lab File: VX016455.D

Acq: 27 May 2020 19:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 196764 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 71.7  | 57.0  | 85.6   |
| 87       | 27.3  | 22.5  | 33.7   |
| 59       | 11.1  | 9.1   | 13.7   |







#23

Vinyl Acetate

Concen: 97.609 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0527WBSD01

Tot Ion: 43 Resp: 870042

Ion Ratio Lower Upper

43 100

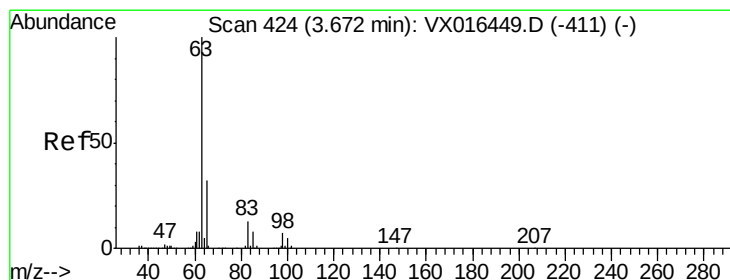
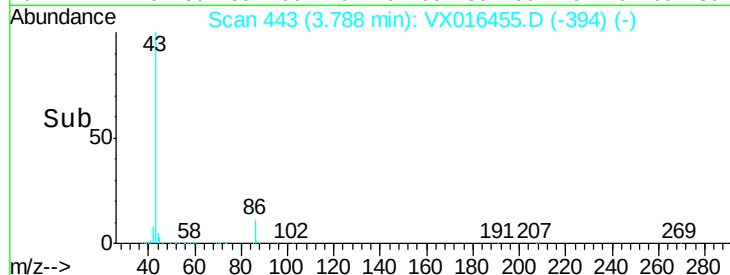
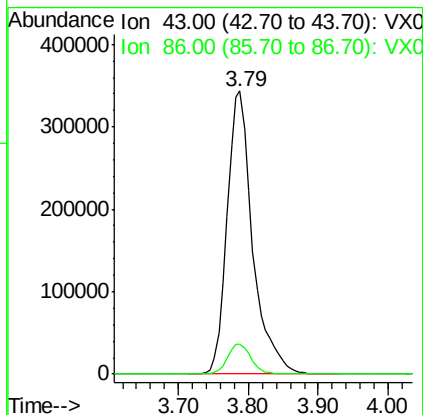
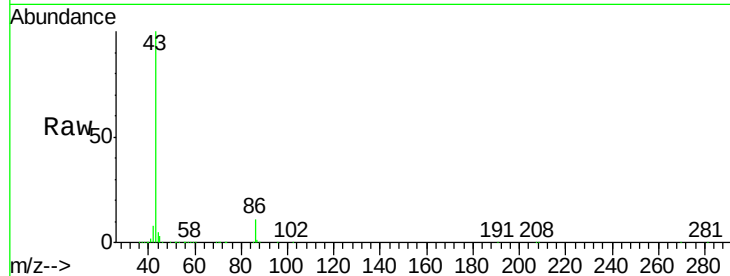
86 10.8 8.6 13.0

Manual Integrations

APPROVED

MMDadoda

5/28/2020 2:10:36 PM



#24

1,1-Dichloroethane

Concen: 18.949 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

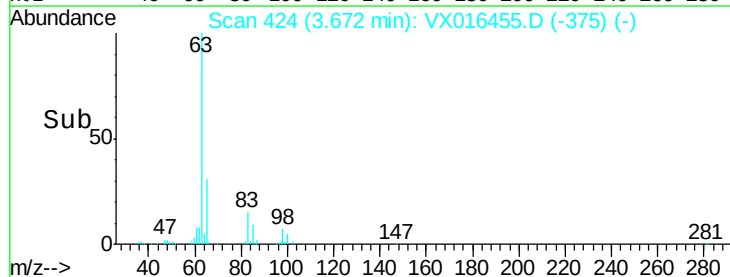
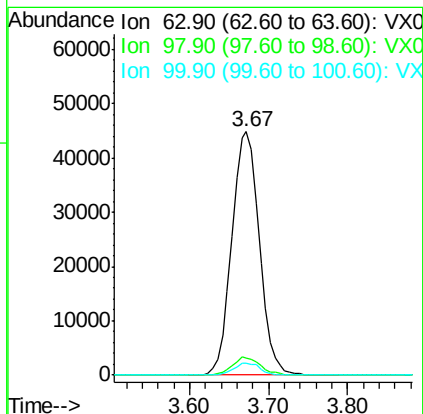
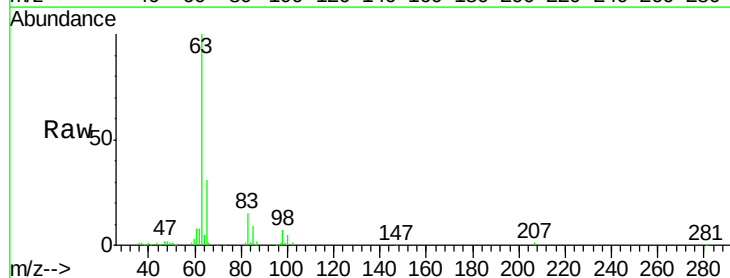
Tgt Ion: 63 Resp: 108912

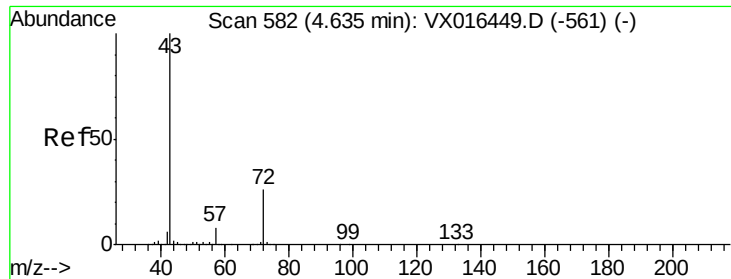
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 5.2 2.4 7.1





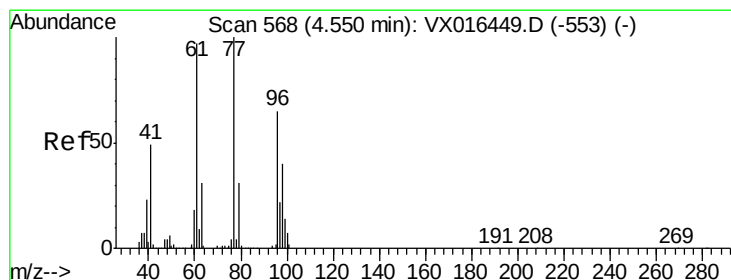
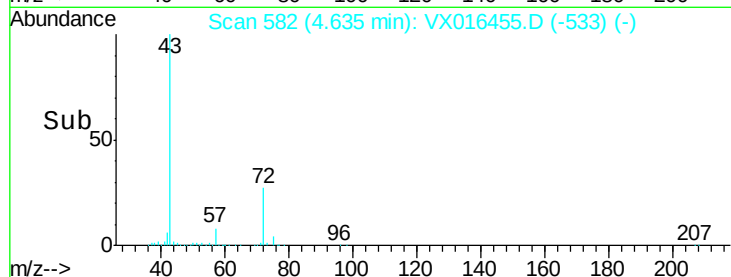
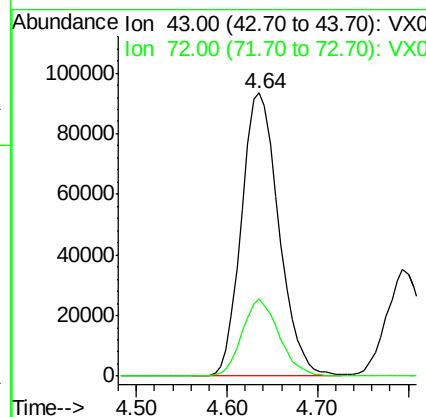
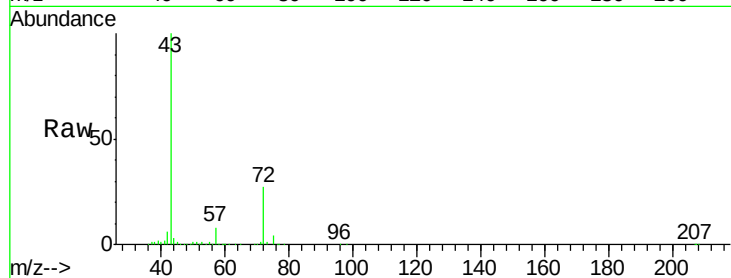
#25  
2-Butanone  
Concen: 96.166 ug/l  
RT: 4.64 min Scan# 582  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBSD01

Tot Ion: 43 Resp: 265594  
Ion Ratio Lower Upper  
43 100  
72 27.2 21.0 31.6

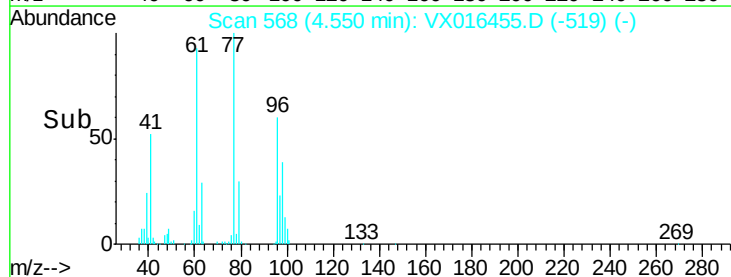
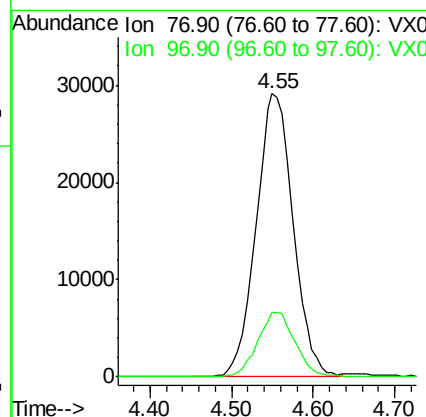
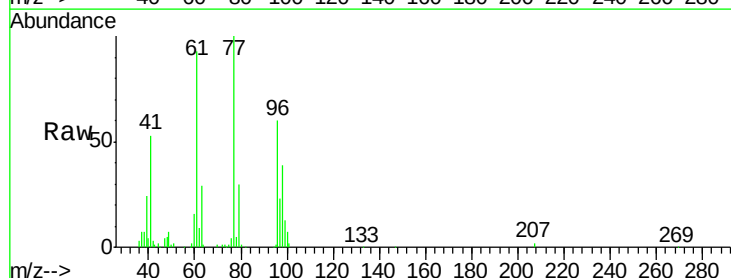
Manual Integrations  
APPROVED

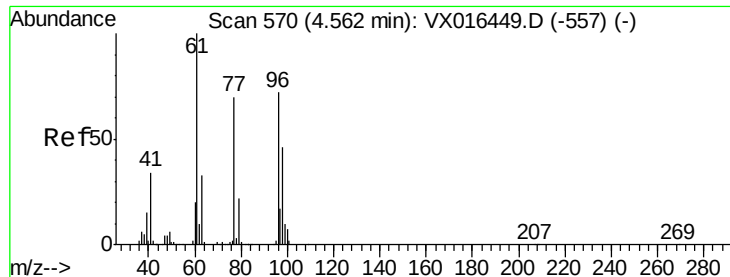
MMDadoda  
5/28/2020 2:10:36 PM



#26  
2,2-Dichloropropane  
Concen: 19.598 ug/l  
RT: 4.55 min Scan# 568  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

Tgt Ion: 77 Resp: 92172  
Ion Ratio Lower Upper  
77 100  
97 22.9 11.5 34.4





#27

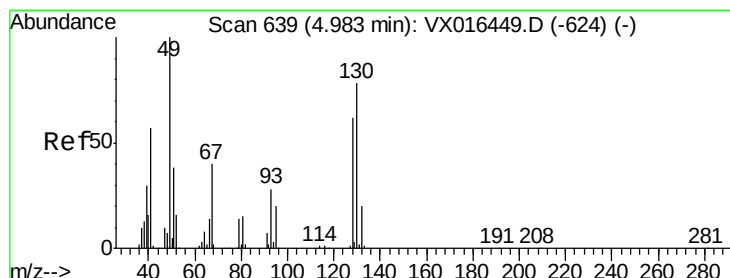
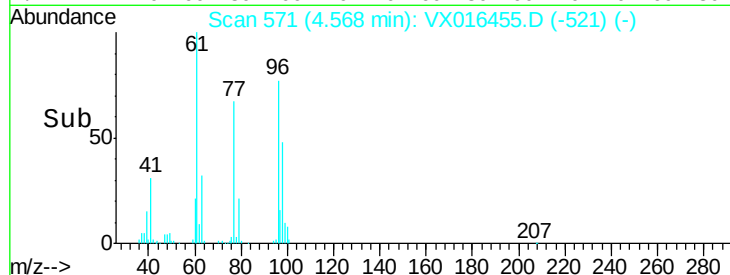
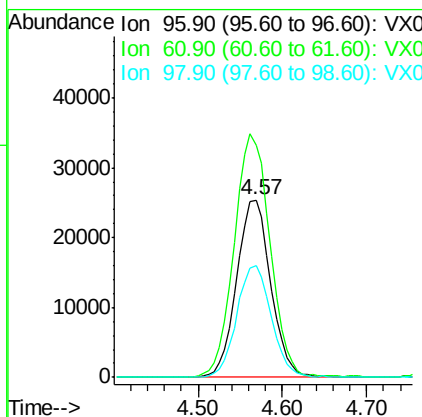
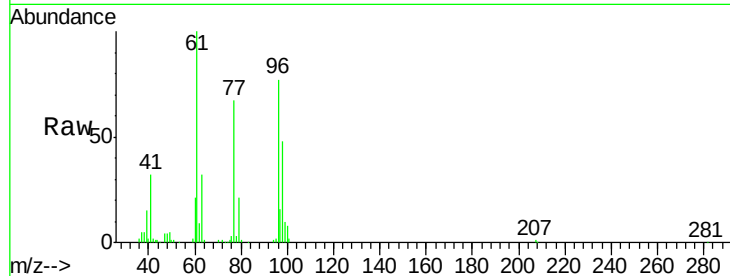
cis-1,2-Dichloroethene  
Concen: 18.838 ug/l  
RT: 4.57 min Scan# 571  
Delta R.T. 0.01 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 145.0 | 0.0   | 284.6 |
| 98      | 63.8  | 0.0   | 127.2 |

Manual Integrations  
APPROVED

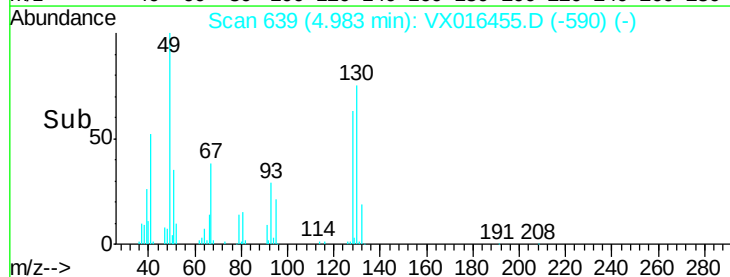
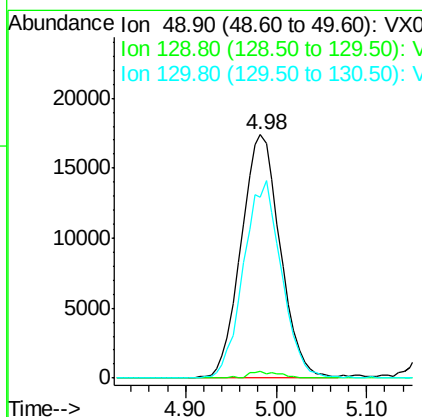
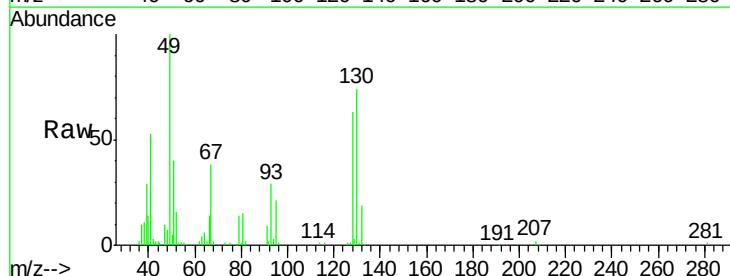
MMDadoda  
5/28/2020 2:10:36 PM

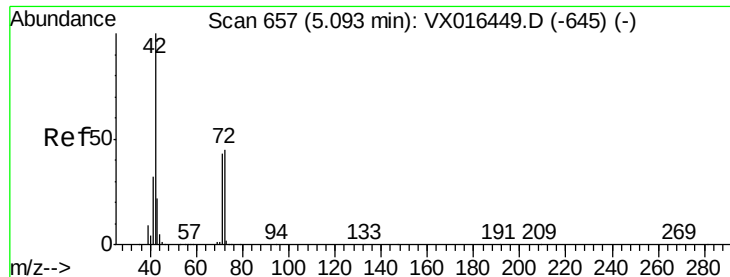


#28

Bromochloromethane  
Concen: 19.475 ug/l  
RT: 4.98 min Scan# 639  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.0   | 0.0   | 4.0   |
| 130     | 78.6  | 63.0  | 94.4  |





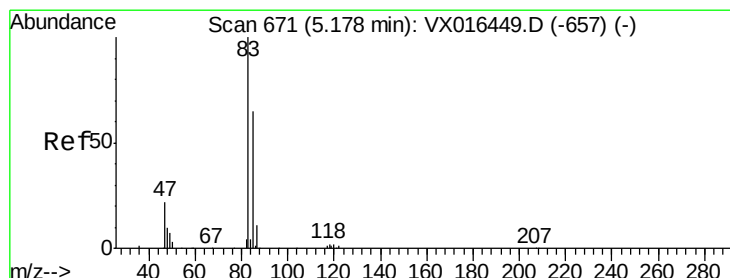
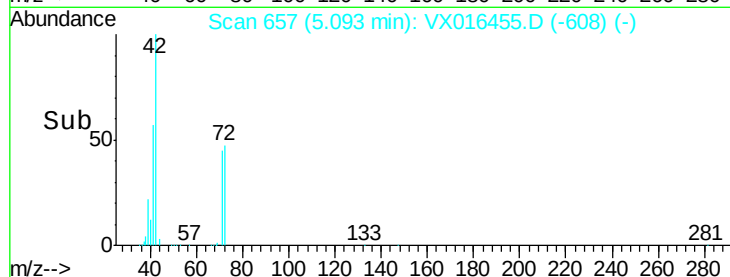
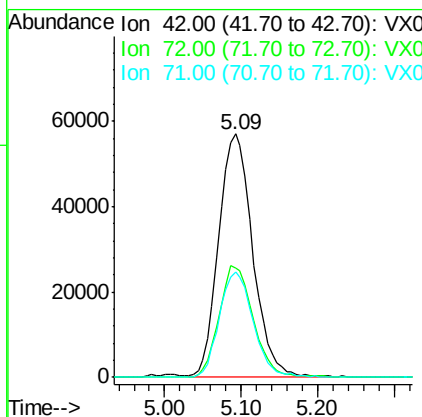
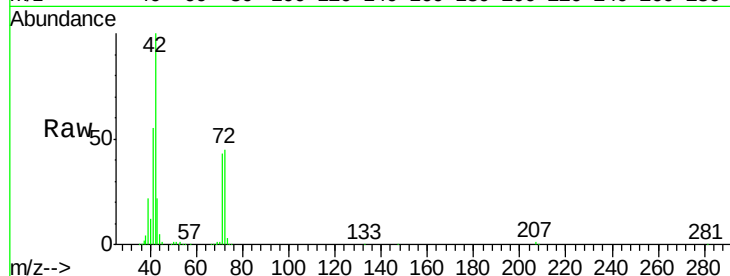
#29  
Tetrahydrofuran  
Concen: 98.053 ug/l  
RT: 5.09 min Scan# 657  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 46.5  | 37.0  | 55.4  |
| 71      | 43.6  | 34.1  | 51.1  |

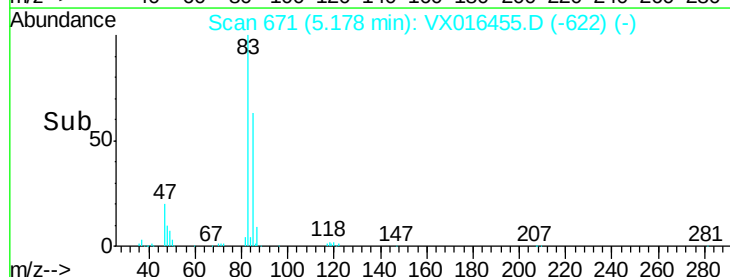
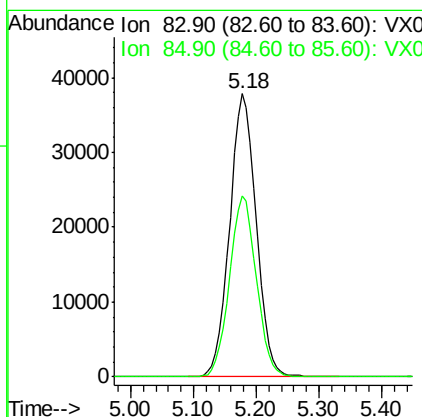
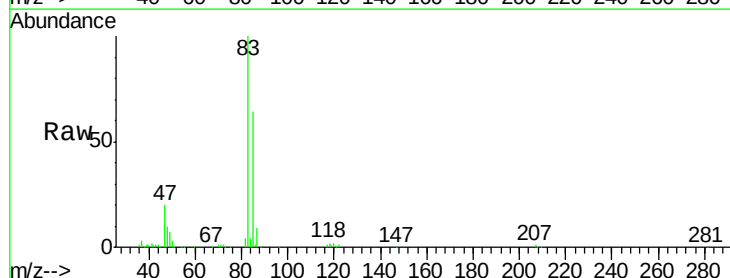
Manual Integrations  
APPROVED

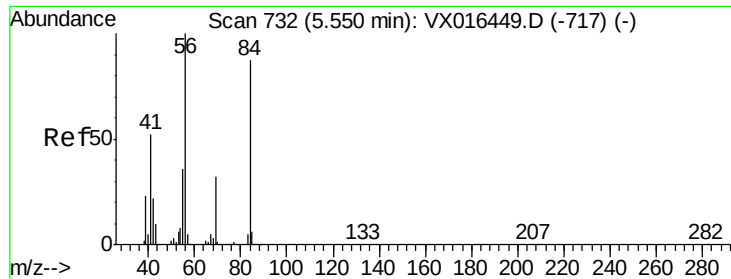
MMDadoda  
5/28/2020 2:10:36 PM



#30  
Chloroform  
Concen: 19.156 ug/l  
RT: 5.18 min Scan# 671  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.7  | 52.0  | 78.0  |





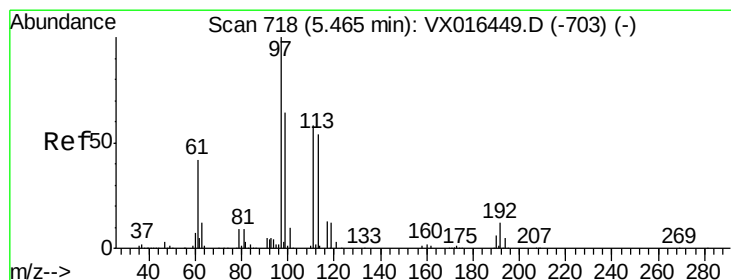
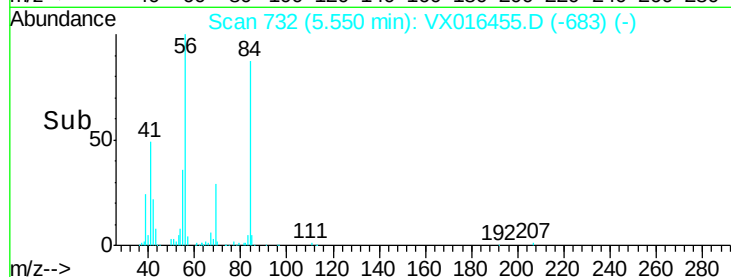
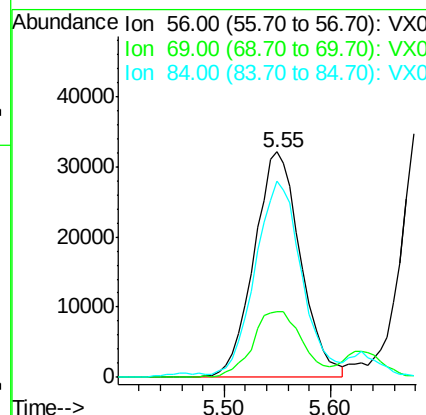
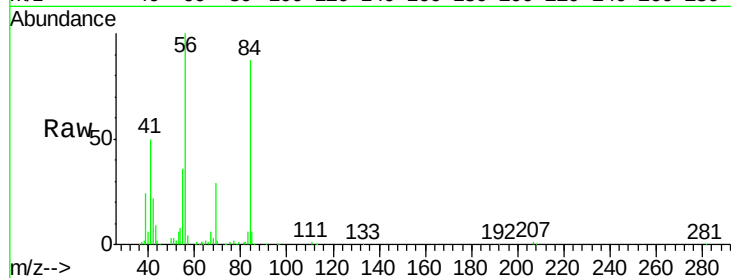
#31  
Cyclohexane  
Concen: 18.948 ug/l  
RT: 5.55 min Scan# 732  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 29.1  | 25.7  | 38.5  |
| 84      | 85.8  | 70.0  | 105.0 |

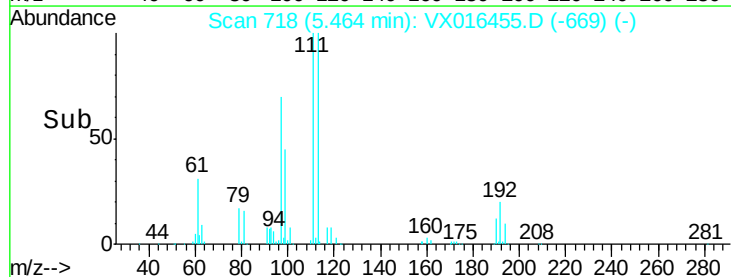
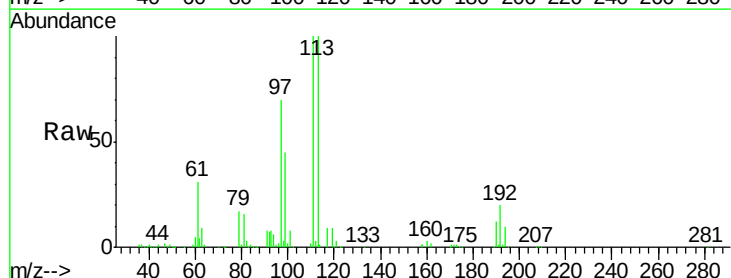
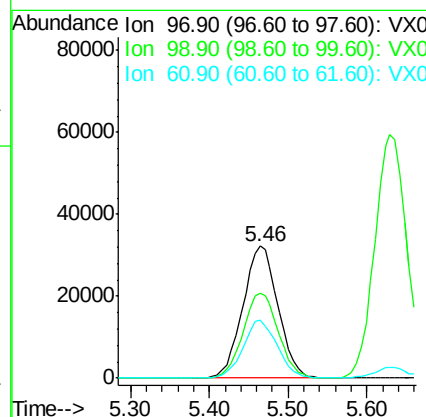
Manual Integrations  
APPROVED

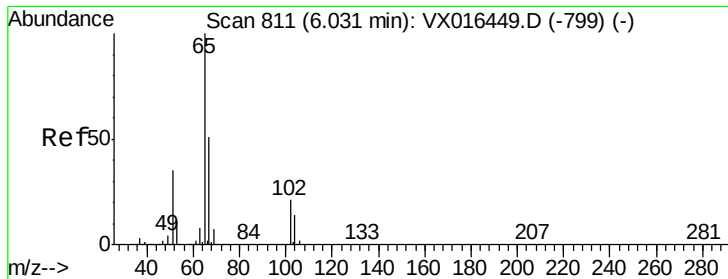
MMDadoda  
5/28/2020 2:10:36 PM



#32  
1,1,1-Trichloroethane  
Concen: 18.939 ug/l  
RT: 5.46 min Scan# 718  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.9  | 51.4  | 77.2  |
| 61      | 42.9  | 33.5  | 50.3  |





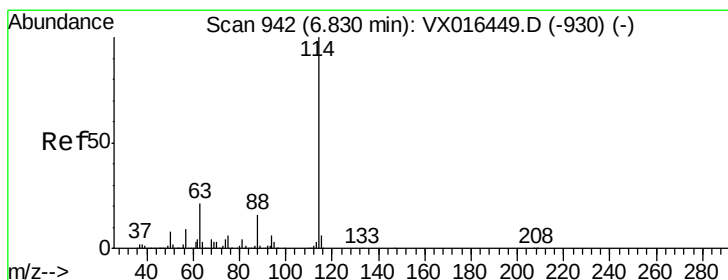
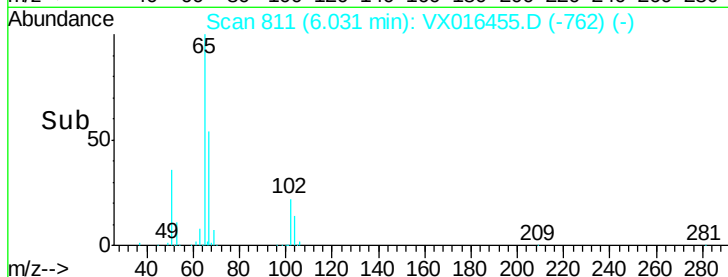
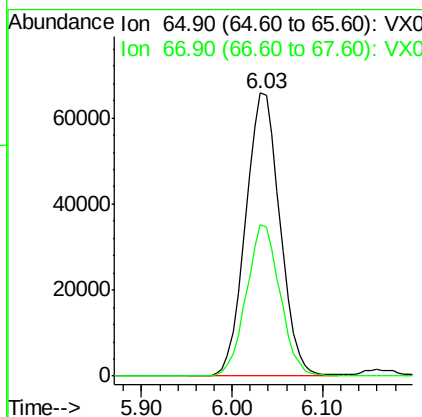
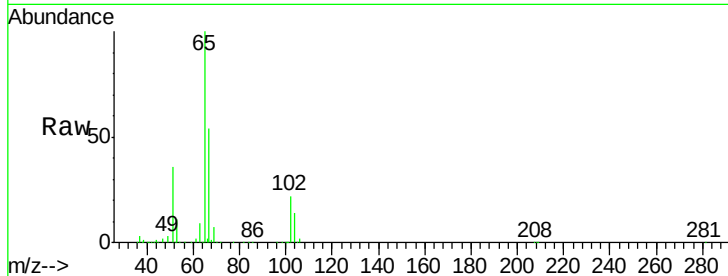
#33  
 1,2-Dichloroethane-d4  
 Concen: 46.427 ug/l  
 RT: 6.03 min Scan# 811  
 Delta R.T. -0.00 min  
 Lab File: VX016455.D  
 Acq: 27 May 2020 19:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0527WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 52.5  | 0.0   | 104.8 |

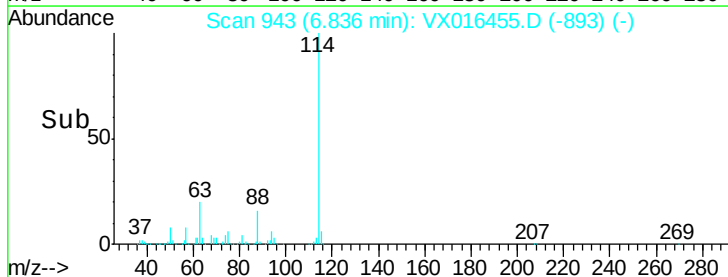
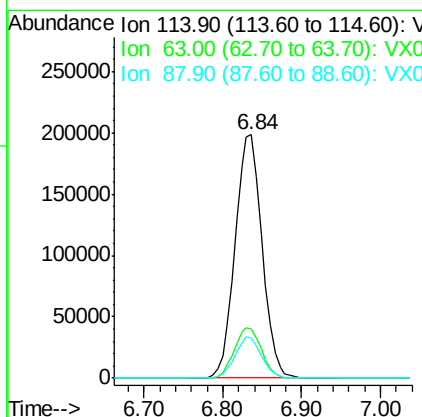
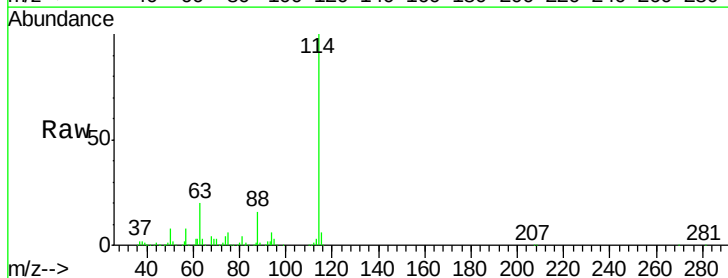
Manual Integrations  
 APPROVED

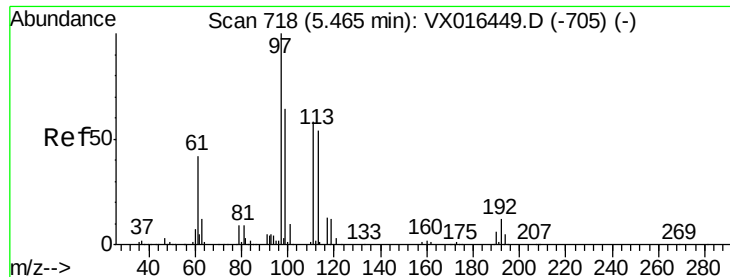
MMDadoda  
 5/28/2020 2:10:36 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.84 min Scan# 943  
 Delta R.T. 0.01 min  
 Lab File: VX016455.D  
 Acq: 27 May 2020 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 20.3  | 0.0   | 42.6  |
| 88      | 16.4  | 0.0   | 32.8  |





#35

Dibromofluoromethane

Concen: 46.108 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA\_X

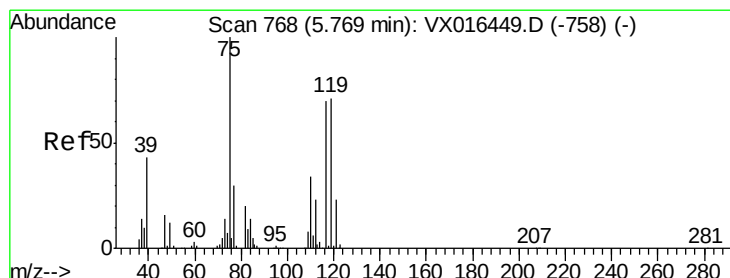
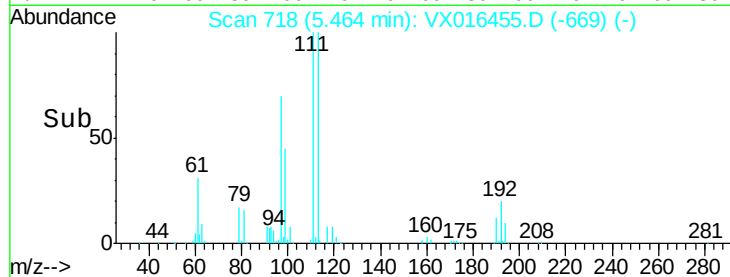
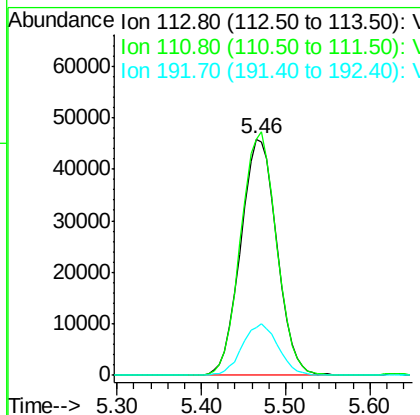
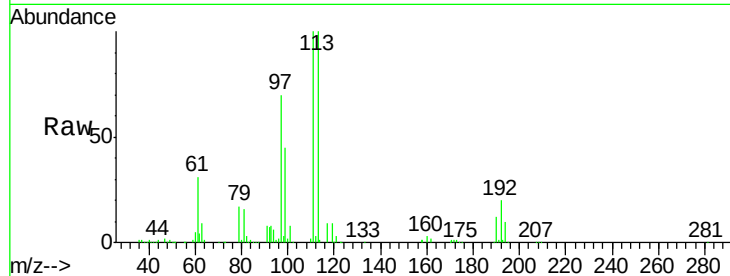
ClientSampleId :

VX0527WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 133945 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 101.6 | 83.0  | 124.6  |
| 192       | 21.6  | 17.7  | 26.5   |

Manual Integrations  
APPROVED

MMDadoda  
5/28/2020 2:10:36 PM



#36

1,1-Dichloropropene

Concen: 18.599 ug/l

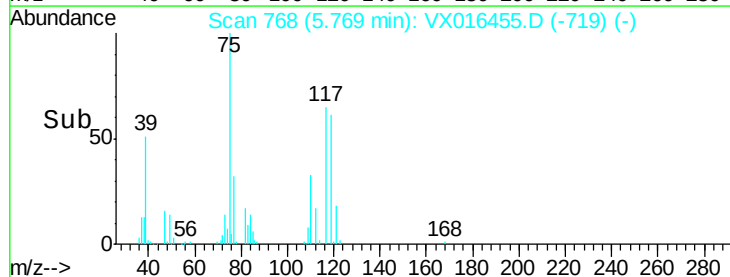
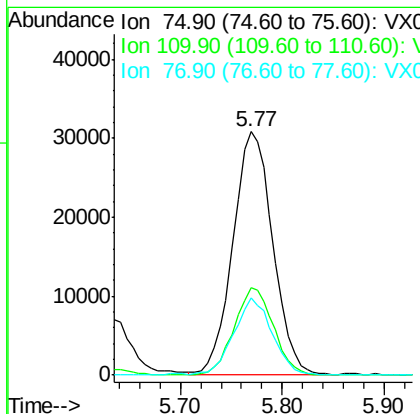
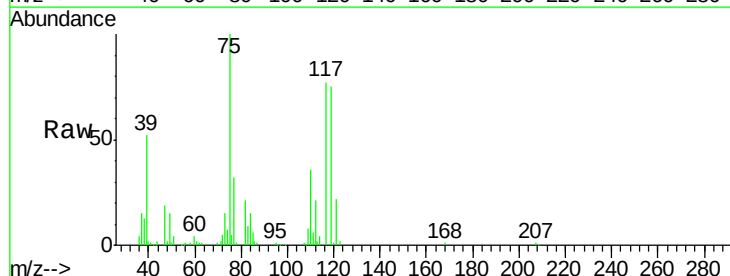
RT: 5.77 min Scan# 768

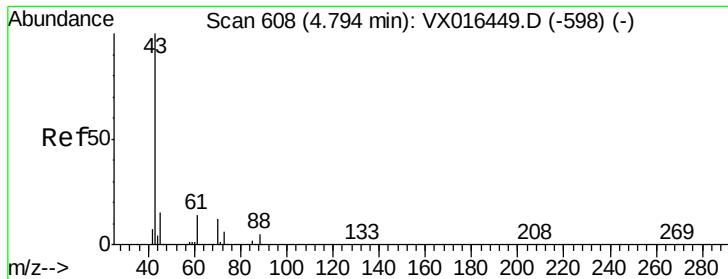
Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 83080 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 35.5  | 17.4  | 52.3  |
| 77        | 31.0  | 24.2  | 36.4  |





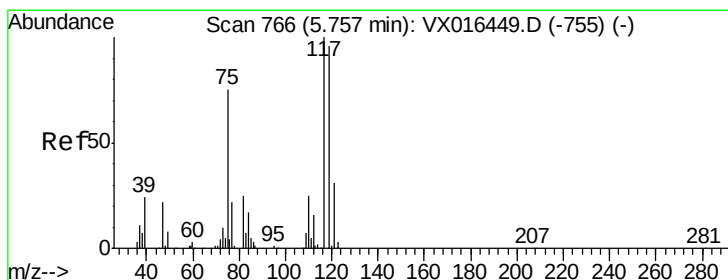
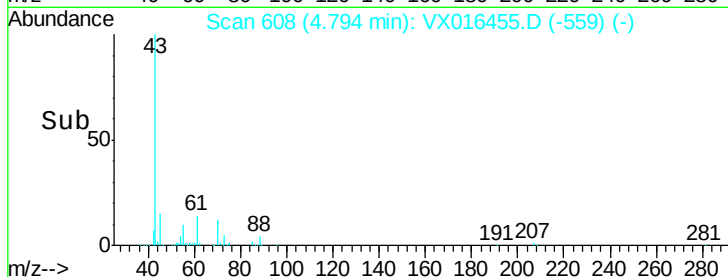
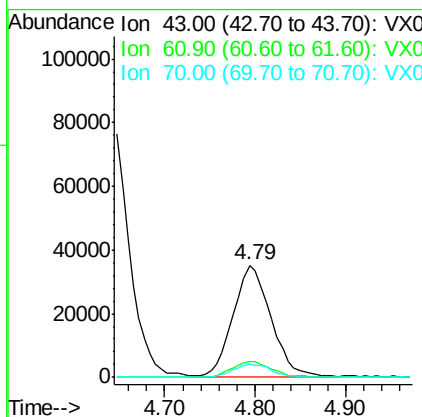
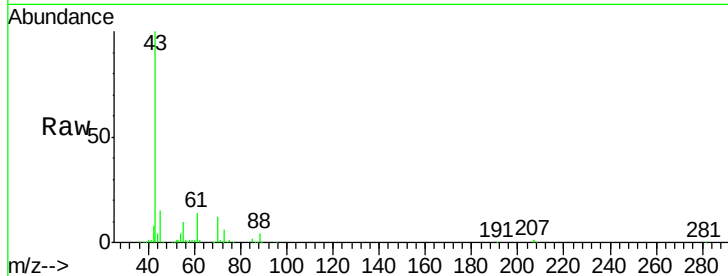
#37  
Ethyl Acetate  
Concen: 18.722 ug/l  
RT: 4.79 min Scan# 608  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBSD01

| Tot Ion   | 43    | Resp  | 100407 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 15.1  | 11.3  | 16.9   |
| 70        | 12.1  | 9.3   | 13.9   |

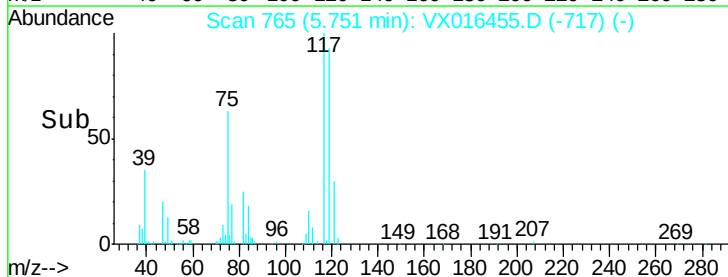
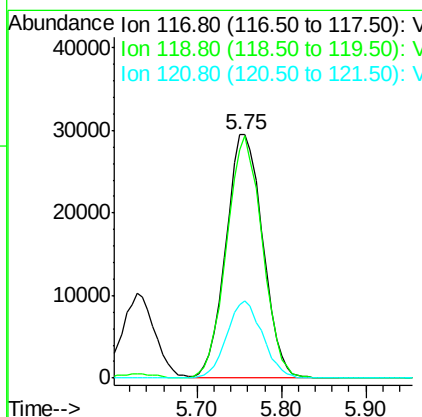
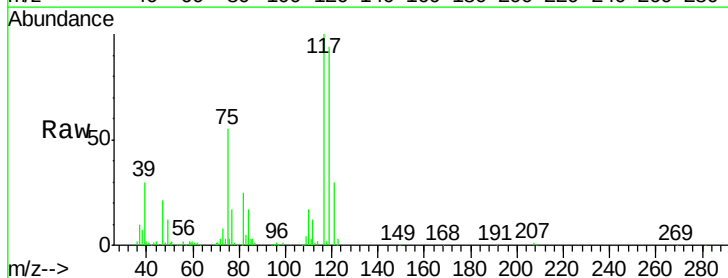
Manual Integrations  
APPROVED

MMDadoda  
5/28/2020 2:10:36 PM

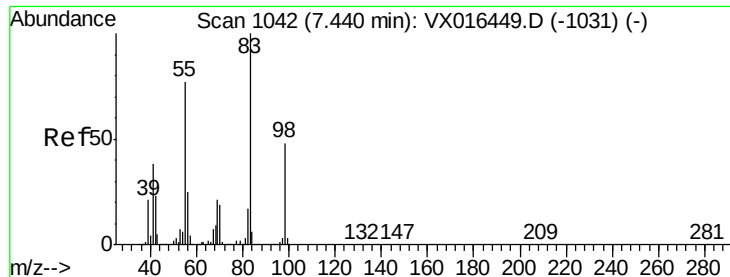


#38  
Carbon Tetrachloride  
Concen: 18.730 ug/l  
RT: 5.75 min Scan# 765  
Delta R.T. -0.01 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

| Tgt Ion   | 117   | Resp  | 87925 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 93.6  | 76.3  | 114.5 |
| 121       | 30.4  | 24.6  | 37.0  |







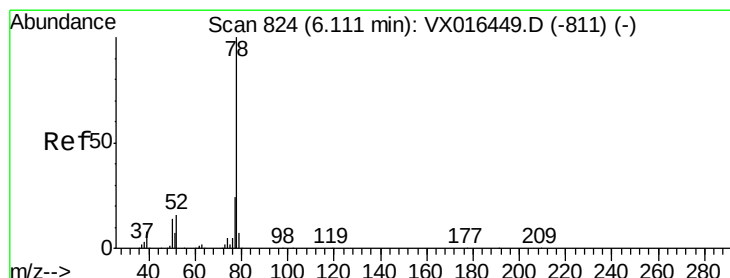
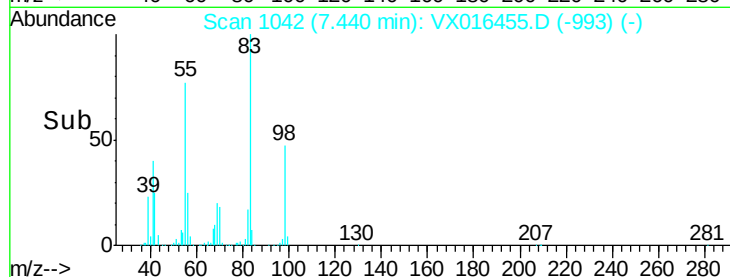
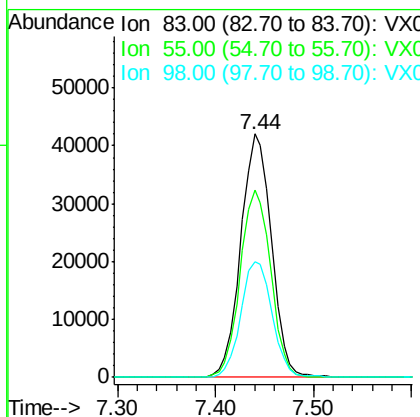
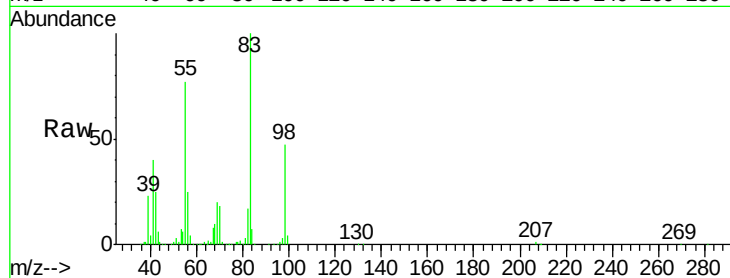
#39  
Methylvlcyclohexane  
Concen: 18.889 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 76.7  | 61.7  | 92.5  |
| 98      | 47.5  | 38.7  | 58.1  |

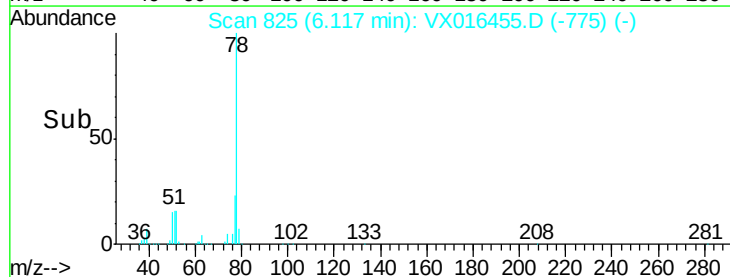
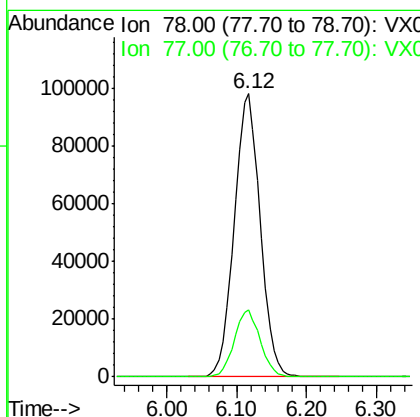
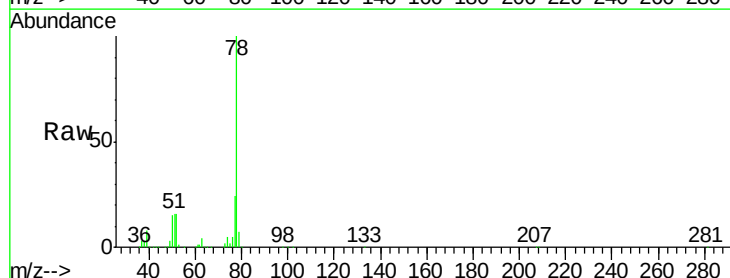
Manual Integrations  
APPROVED

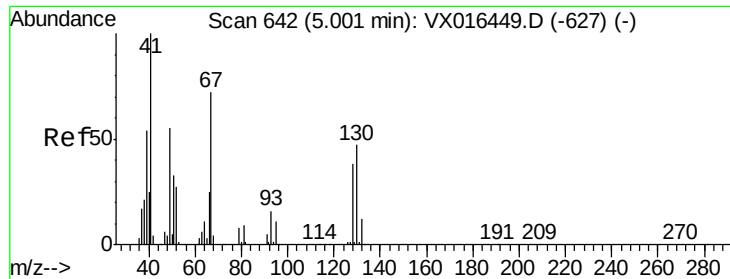
MMDadoda  
5/28/2020 2:10:36 PM



#40  
Benzene  
Concen: 18.983 ug/l  
RT: 6.12 min Scan# 825  
Delta R.T. 0.01 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

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





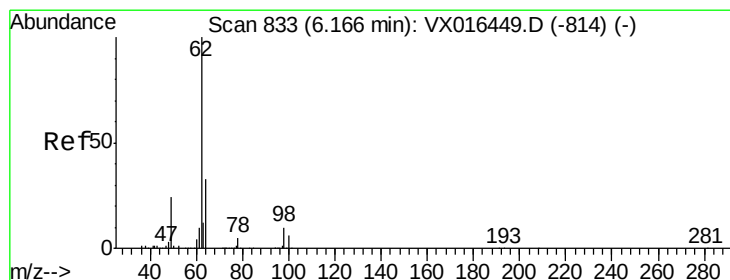
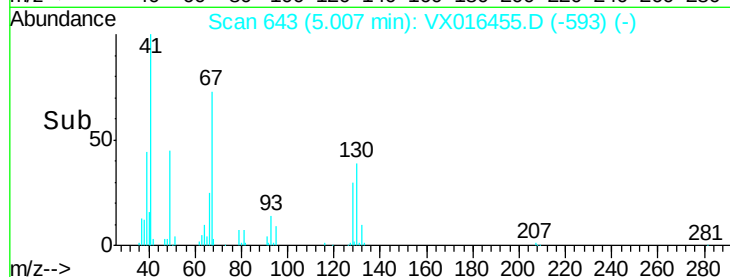
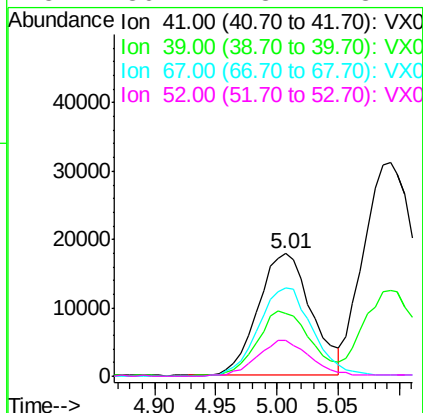
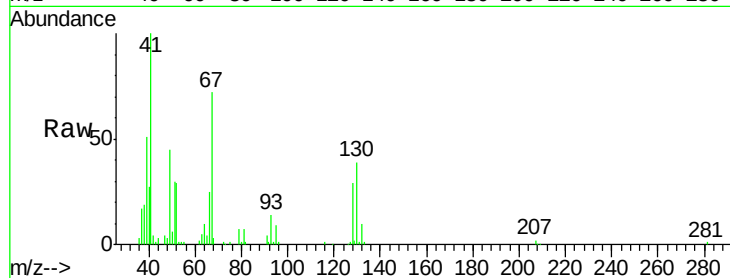
#41  
Methacrylonitrile  
Concen: 18.440 ug/l  
RT: 5.01 min Scan# 643  
Delta R.T. 0.01 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBSD01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 41      | 100  |       | 54320 |       |       |
| 39      | 53.8 | 43.0  | 64.4  |       |       |
| 67      | 74.1 | 58.9  | 88.3  |       |       |
| 52      | 30.4 | 23.1  | 34.7  |       |       |

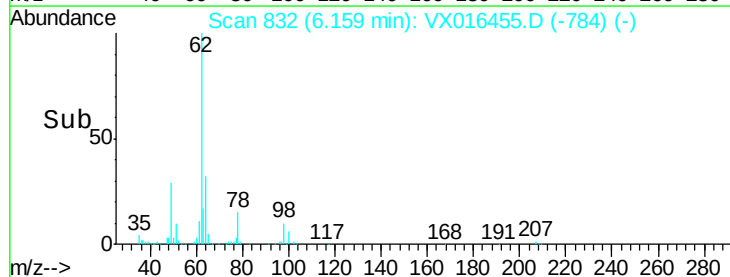
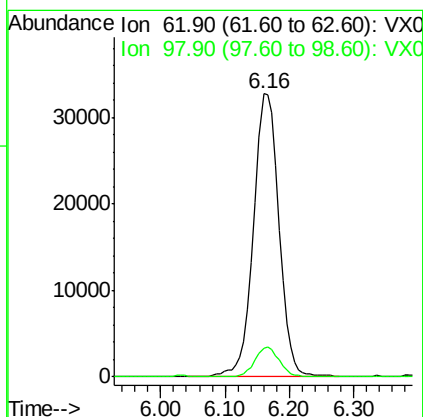
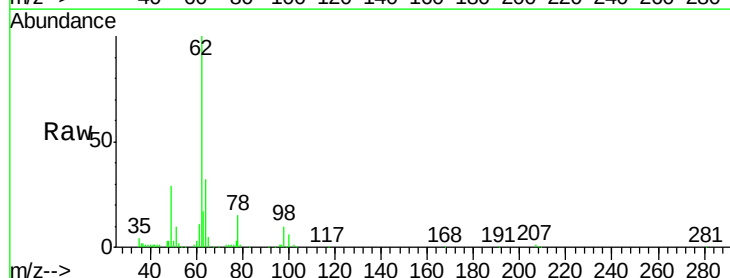
Manual Integrations  
APPROVED

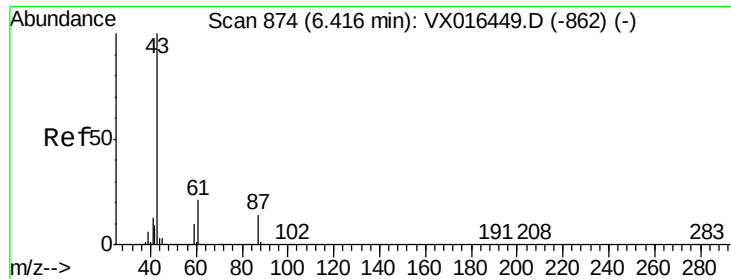
MMDadoda  
5/28/2020 2:10:36 PM



#42  
1,2-Dichloroethane  
Concen: 18.774 ug/l  
RT: 6.16 min Scan# 832  
Delta R.T. -0.01 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 62      | 100  |       | 88812 |       |       |
| 98      | 10.1 | 0.0   | 19.8  |       |       |





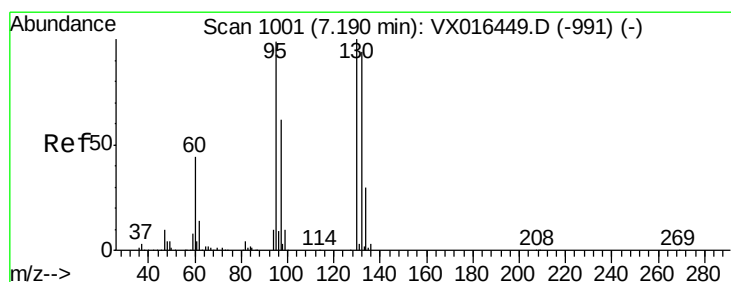
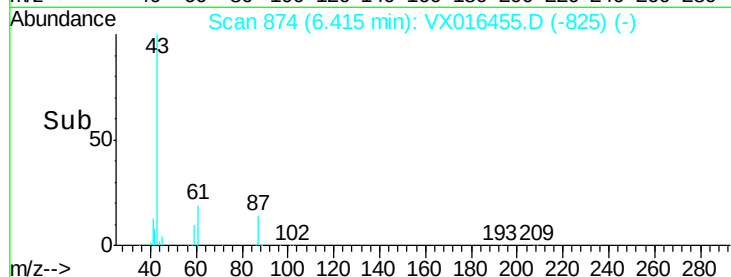
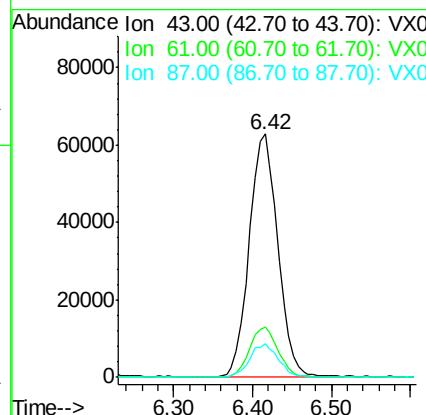
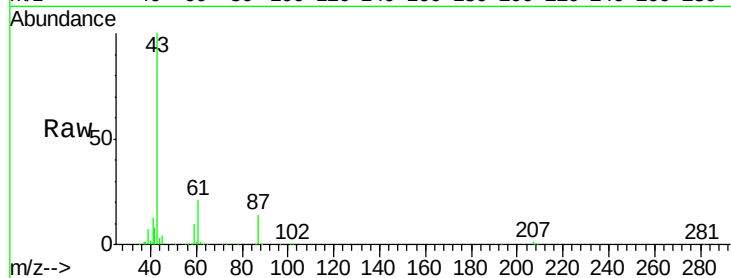
#43  
Isopropyl Acetate  
Concen: 18.934 ug/l  
RT: 6.42 min Scan# 874  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 21.0  | 16.8  | 25.2  |
| 87      | 13.7  | 11.2  | 16.8  |

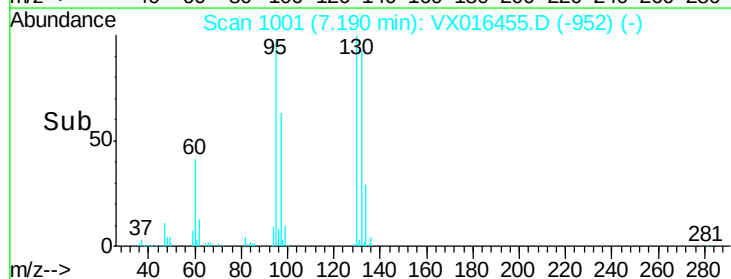
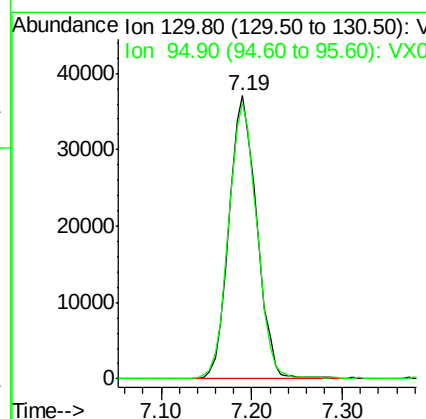
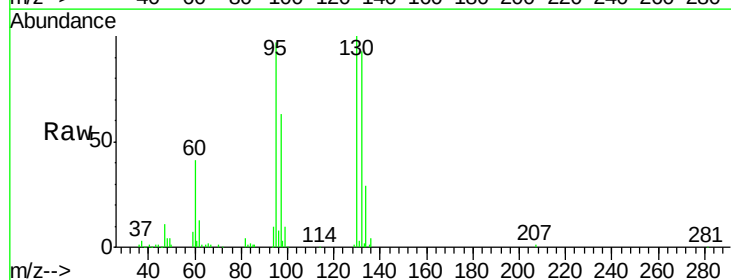
Manual Integrations  
APPROVED

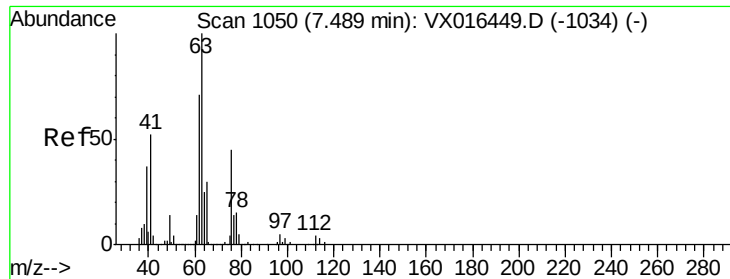
MMDadoda  
5/28/2020 2:10:36 PM



#44  
Trichloroethene  
Concen: 18.692 ug/l  
RT: 7.19 min Scan# 1001  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 97.3  | 0.0   | 198.2 |





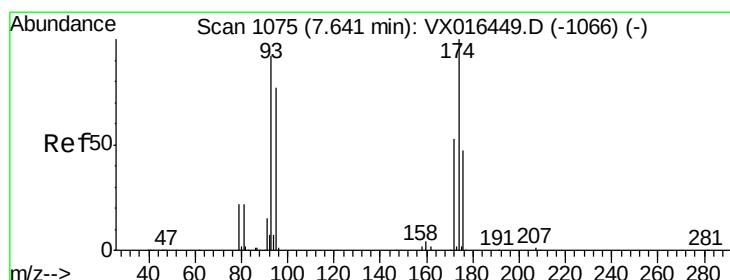
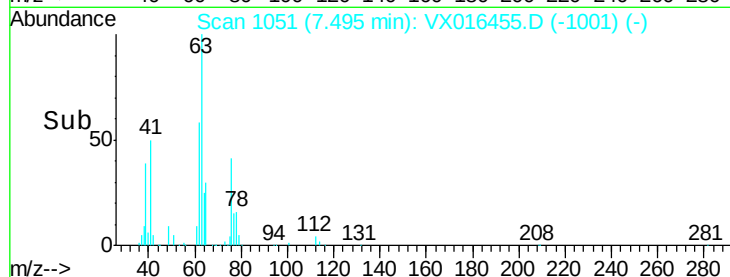
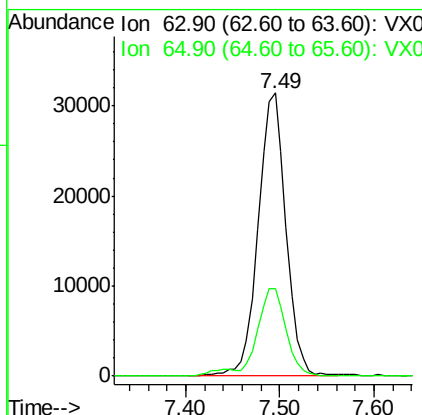
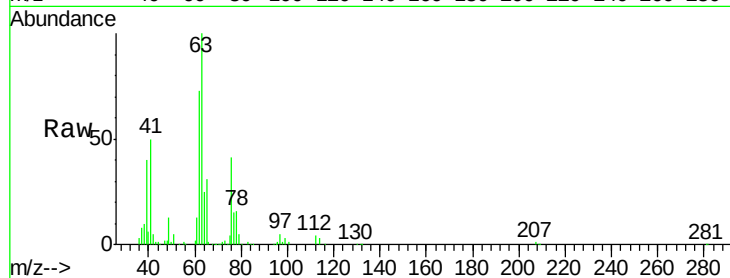
#45  
 1,2-Dichloropropane  
 Concen: 19.195 ug/l  
 RT: 7.49 min Scan# 1051  
 Delta R.T. 0.01 min  
 Lab File: VX016455.D  
 Acq: 27 May 2020 19:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0527WBSD01

Tot Ion: 63 Resp: 65003  
 Ion Ratio Lower Upper  
 63 100  
 65 31.0 24.2 36.2

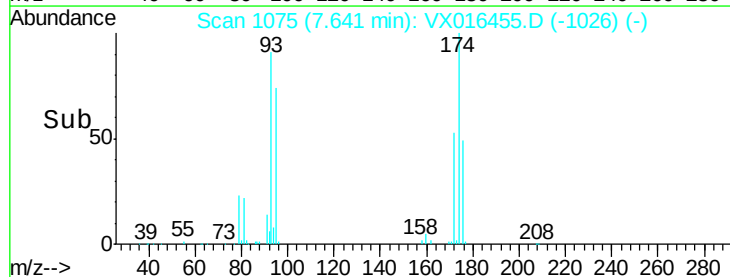
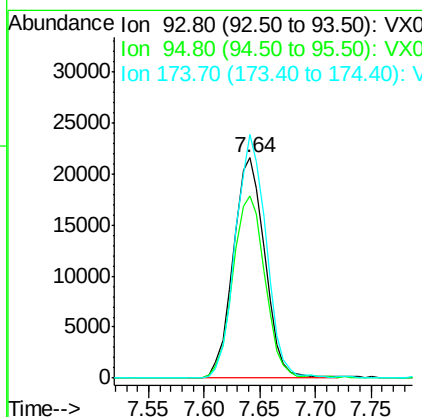
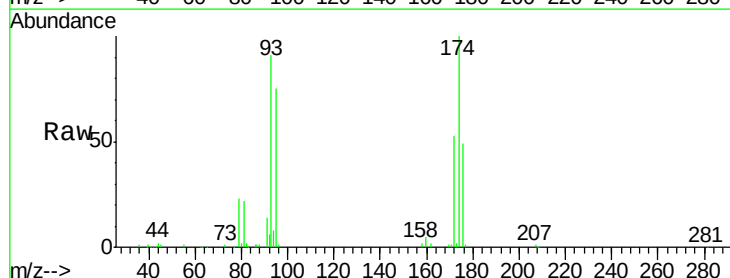
Manual Integrations  
 APPROVED

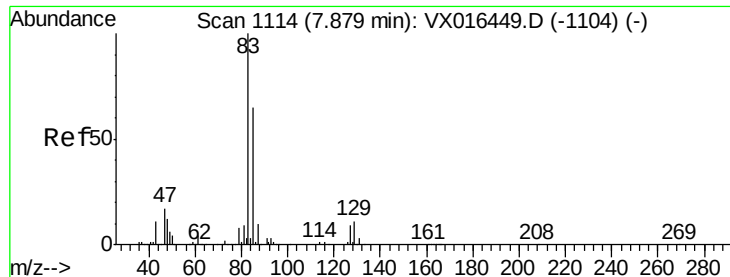
MMDadoda  
 5/28/2020 2:10:36 PM



#46  
 Dibromomethane  
 Concen: 18.733 ug/l  
 RT: 7.64 min Scan# 1075  
 Delta R.T. -0.00 min  
 Lab File: VX016455.D  
 Acq: 27 May 2020 19:07

Tgt Ion: 93 Resp: 42610  
 Ion Ratio Lower Upper  
 93 100  
 95 83.5 66.6 100.0  
 174 107.1 86.2 129.4





#47

Bromodichloromethane

Concen: 18.844 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA\_X

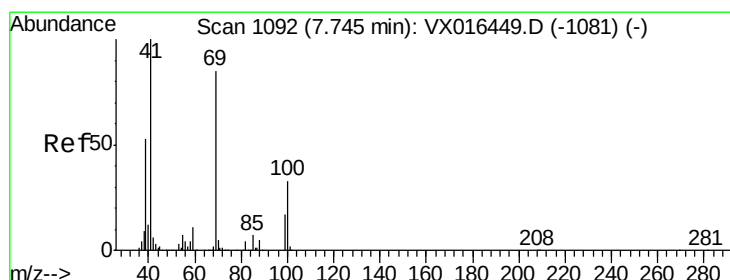
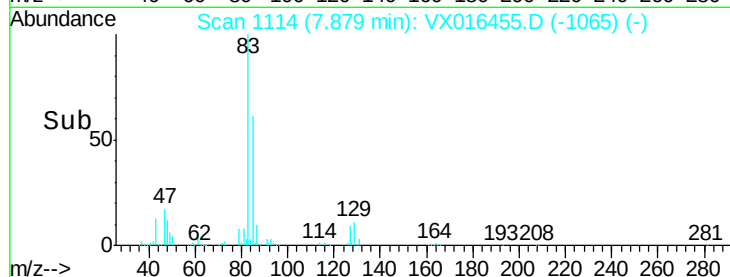
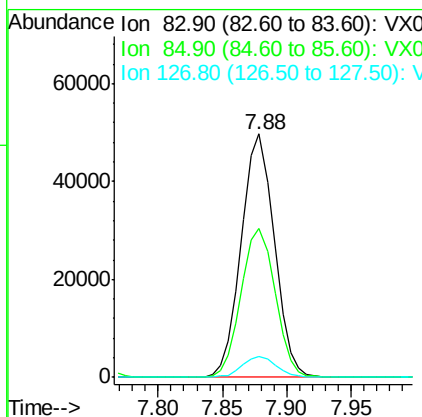
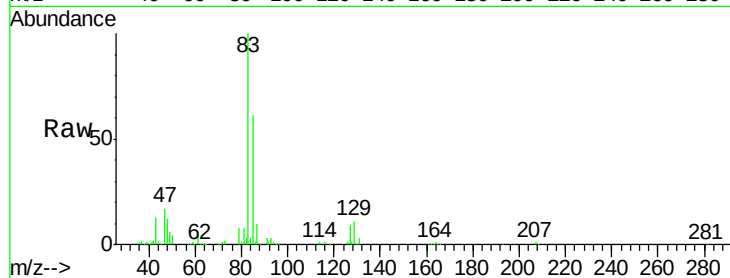
ClientSampleId :

VX0527WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 88748 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 61.0  | 52.0  | 78.0  |
| 127       | 8.7   | 7.4   | 11.0  |

Manual Integrations  
APPROVED

MMDadoda  
5/28/2020 2:10:36 PM



#48

Methyl methacrylate

Concen: 18.773 ug/l

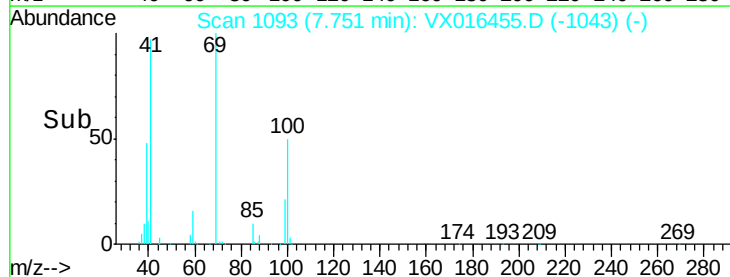
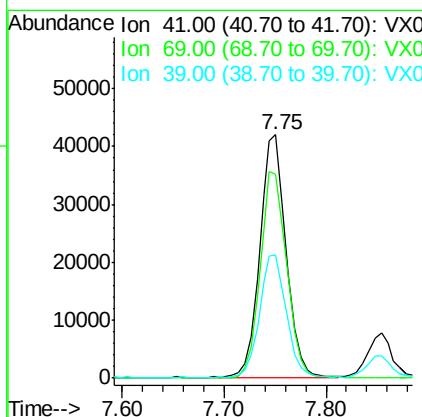
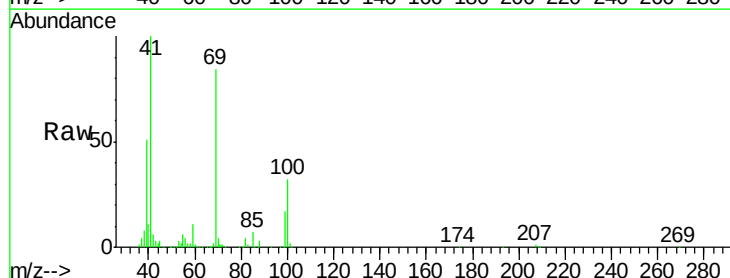
RT: 7.75 min Scan# 1093

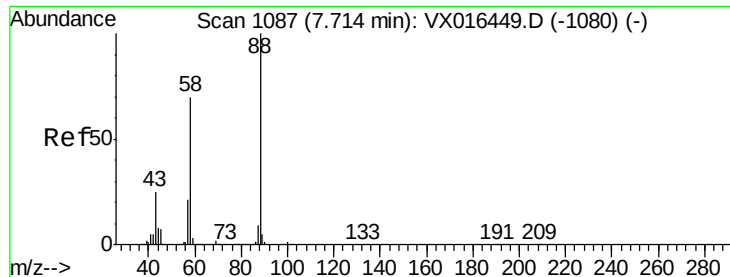
Delta R.T. 0.01 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 75190 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 86.3  | 68.6  | 102.8 |
| 39        | 52.2  | 42.4  | 63.6  |





#49

1,4-Dioxane

Concen: 362.709 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA\_X

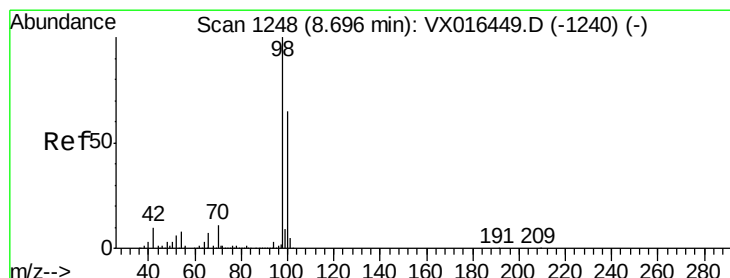
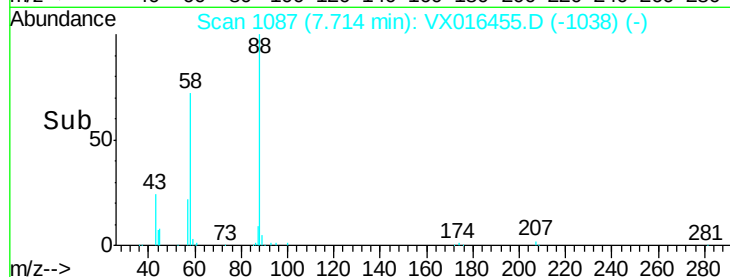
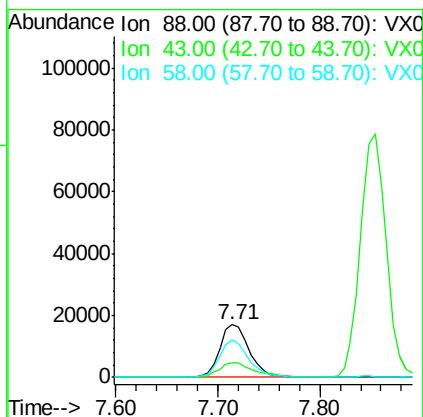
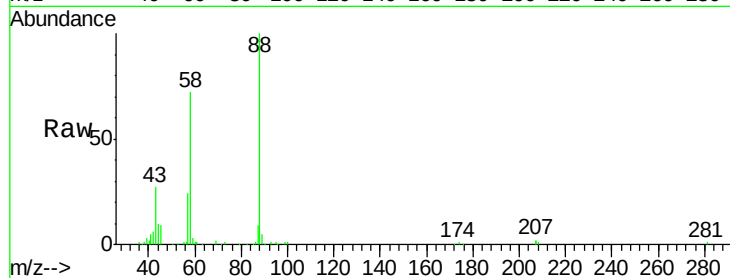
ClientSampleId :

VX0527WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 33998 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 31.6  | 24.2  | 36.4  |
| 58       | 71.6  | 56.5  | 84.7  |

Manual Integrations  
APPROVED

MMDadoda  
5/28/2020 2:10:36 PM



#50

Toluene-d8

Concen: 47.547 ug/l

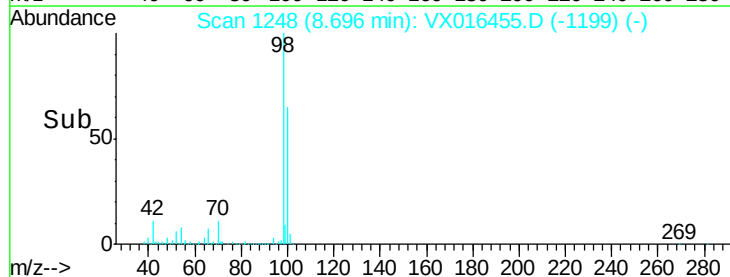
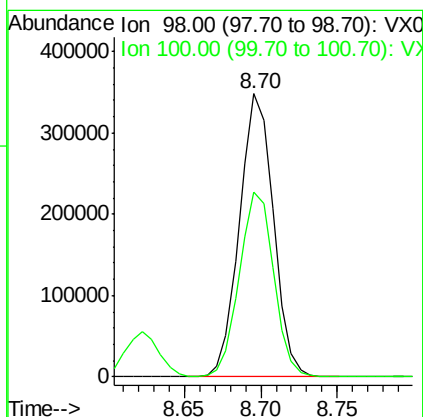
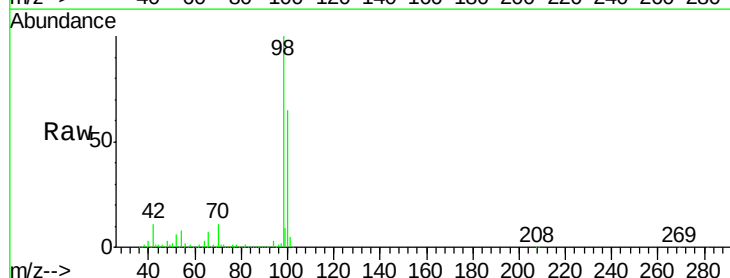
RT: 8.70 min Scan# 1248

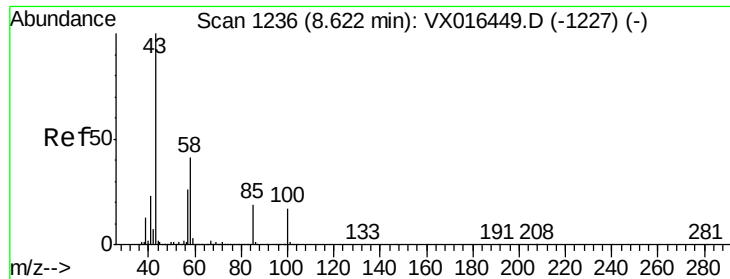
Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 537606 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 65.8  | 53.8  | 80.6   |





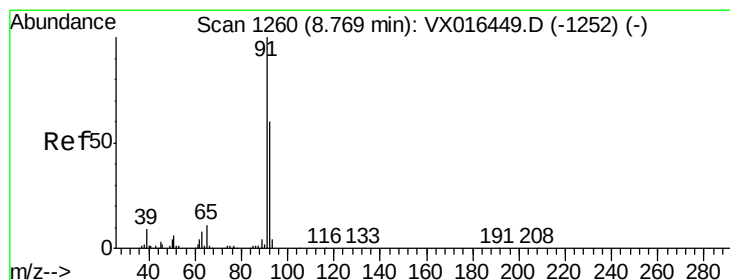
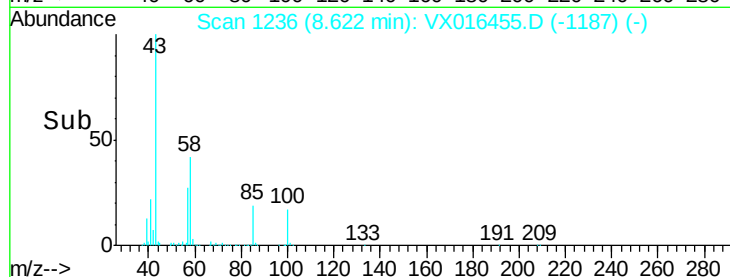
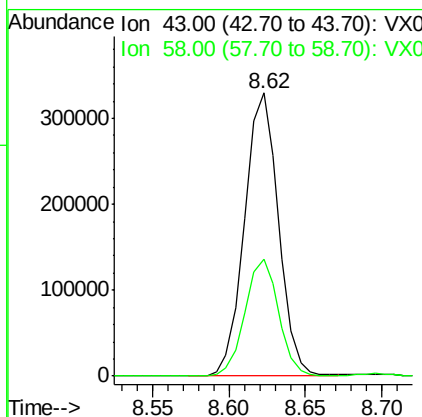
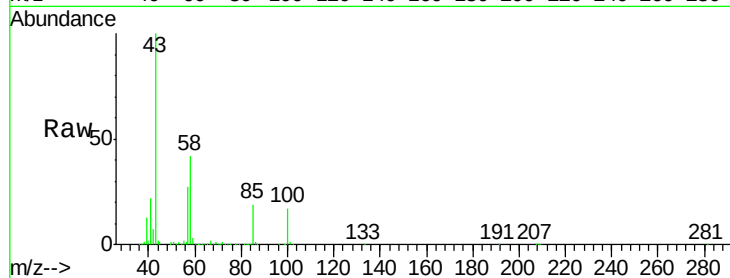
#51  
 4-Methyl-2-Pentanone  
 Concen: 97.386 ug/l  
 RT: 8.62 min Scan# 1236  
 Delta R.T. -0.00 min  
 Lab File: VX016455.D  
 Acq: 27 May 2020 19:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0527WBSD01

| Tot Ion   | 43   | Resp  | 507253 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 41.2 | 33.0  | 49.6   |

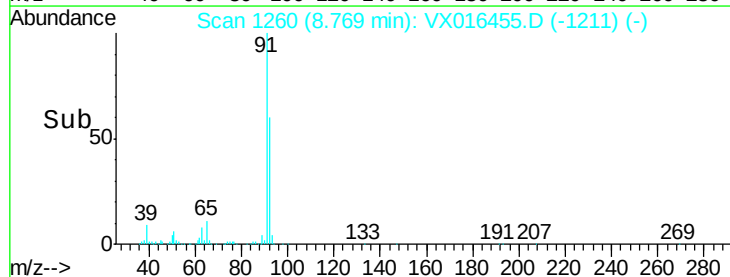
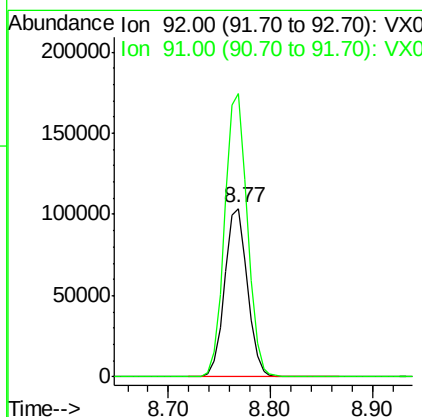
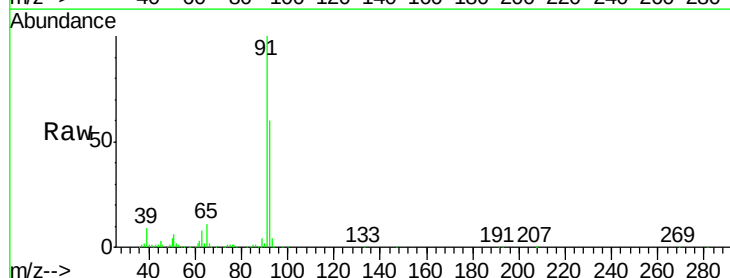
Manual Integrations  
 APPROVED

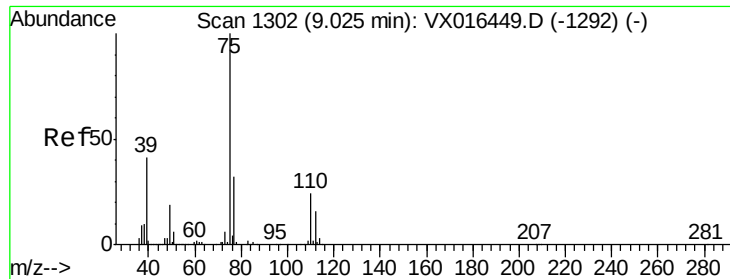
MMDadoda  
 5/28/2020 2:10:36 PM



#52  
 Toluene  
 Concen: 19.017 ug/l  
 RT: 8.77 min Scan# 1260  
 Delta R.T. -0.00 min  
 Lab File: VX016455.D  
 Acq: 27 May 2020 19:07

| Tgt Ion   | 92    | Resp  | 159521 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 92        | 100   |       |        |
| 91        | 168.1 | 135.0 | 202.4  |





#53

t-1,3-Dichloropropene

Concen: 19.179 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0527WBSD01

Tot Ion: 75 Resp: 102713

Ion Ratio Lower Upper

75 100

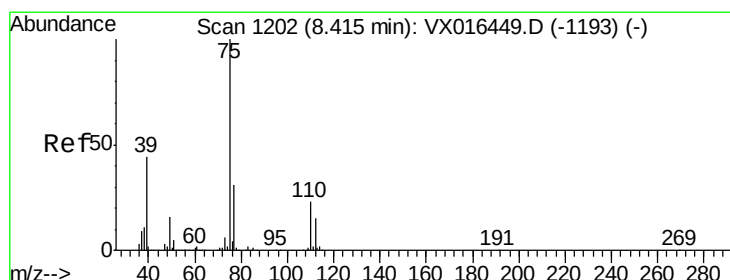
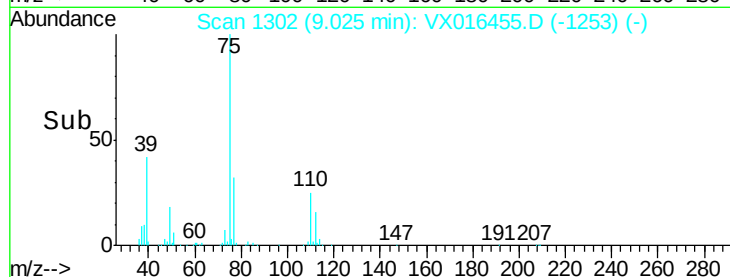
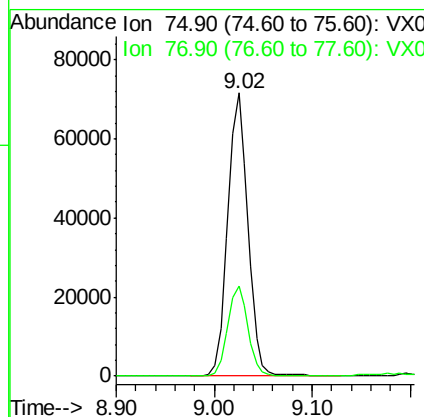
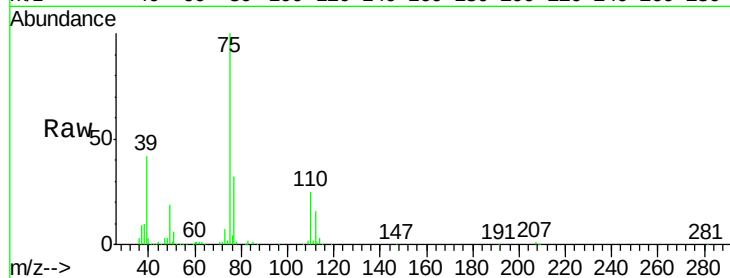
77 31.7 25.5 38.3

Manual Integrations

APPROVED

MMDadoda

5/28/2020 2:10:36 PM



#54

cis-1,3-Dichloropropene

Concen: 19.117 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

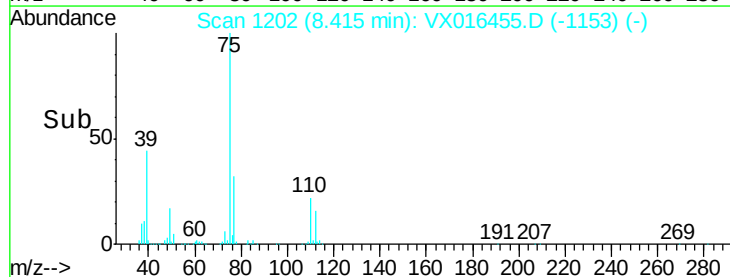
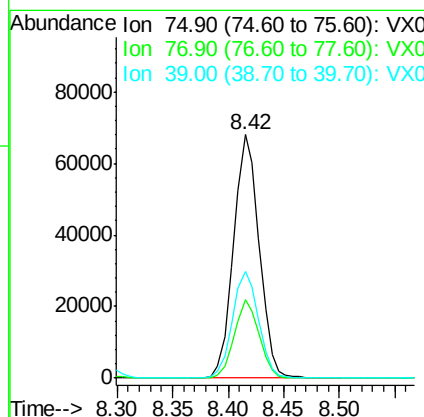
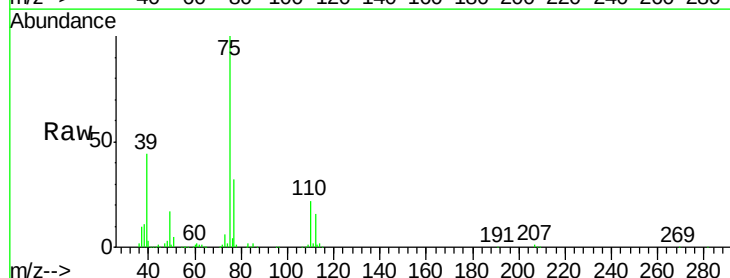
Tgt Ion: 75 Resp: 108368

Ion Ratio Lower Upper

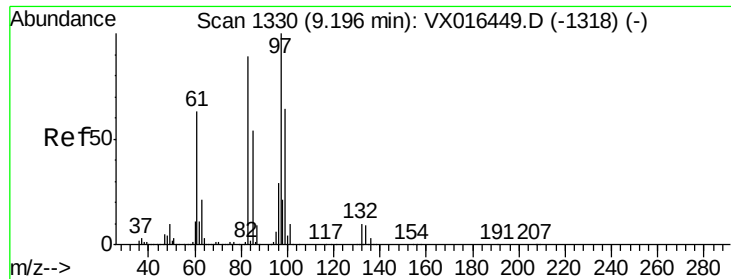
75 100

77 32.2 24.6 36.8

39 43.8 35.3 52.9







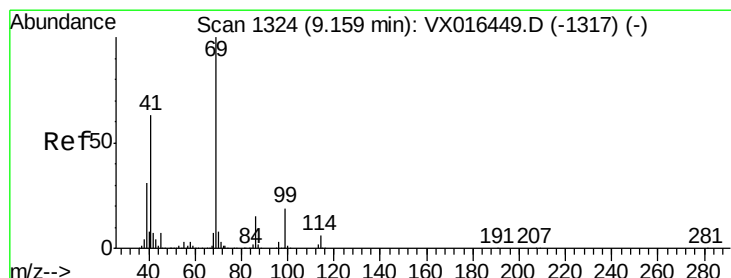
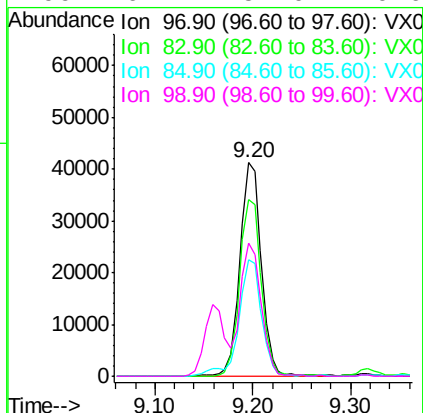
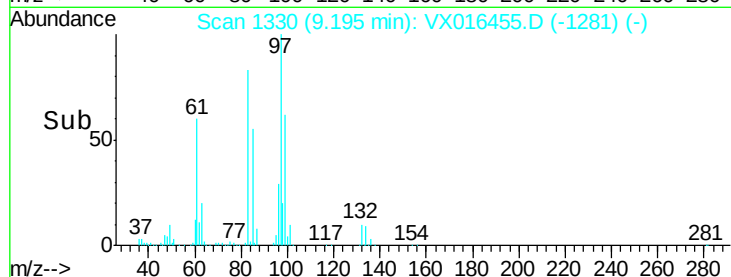
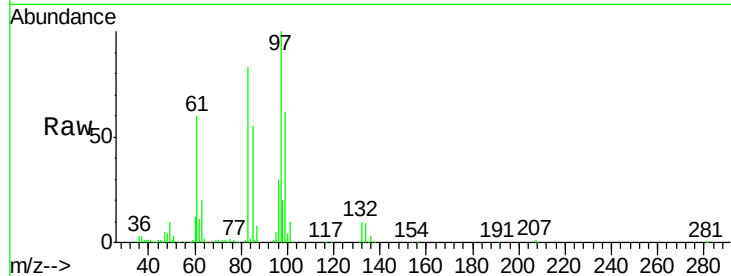
#55  
 1,1,2-Trichloroethane  
 Concen: 18.915 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. -0.00 min  
 Lab File: VX016455.D  
 Acq: 27 May 2020 19:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0527WBSD01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 97      | 100  |       | 63087 |       |       |
| 83      | 82.7 |       | 70.9  | 106.3 |       |
| 85      | 54.6 |       | 43.4  | 65.2  |       |
| 99      | 62.2 |       | 51.0  | 76.6  |       |

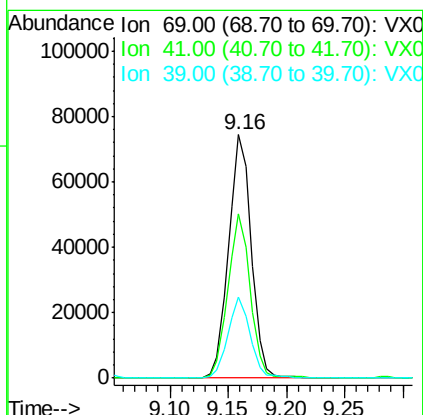
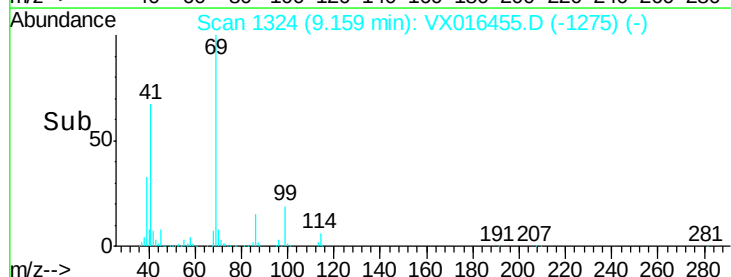
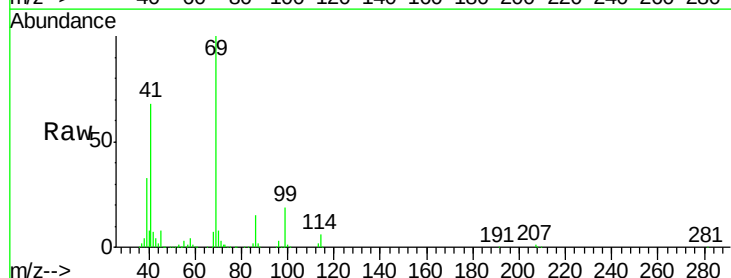
Manual Integrations  
 APPROVED

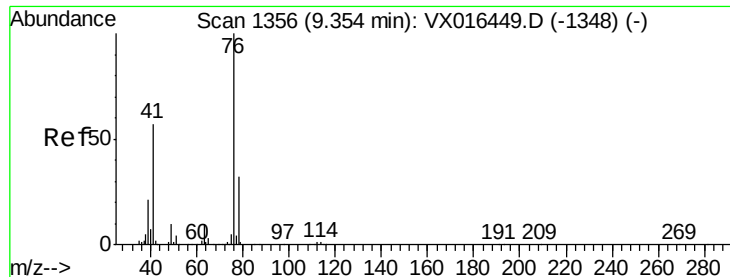
MMDadoda  
 5/28/2020 2:10:36 PM



#56  
 Ethyl methacrylate  
 Concen: 18.637 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VX016455.D  
 Acq: 27 May 2020 19:07

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 101232 |       |       |
| 41      | 66.1 |       | 50.7   | 76.1  |       |
| 39      | 32.5 |       | 25.8   | 38.6  |       |





#57

1,3-Dichloropropane

Concen: 18.998 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0527WBSD01

Tot Ion: 76 Resp: 108761

Ion Ratio Lower Upper

76 100

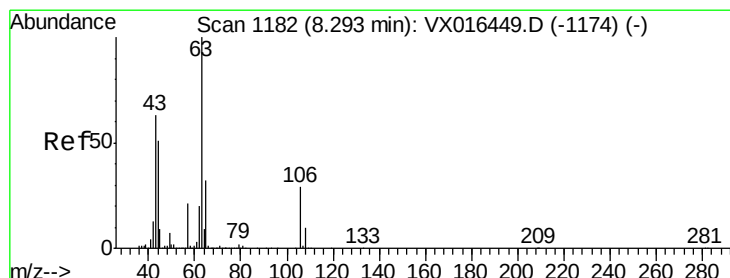
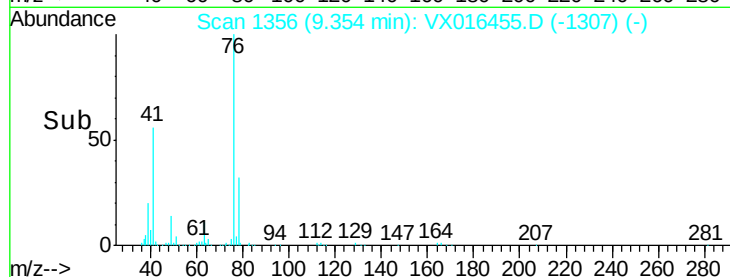
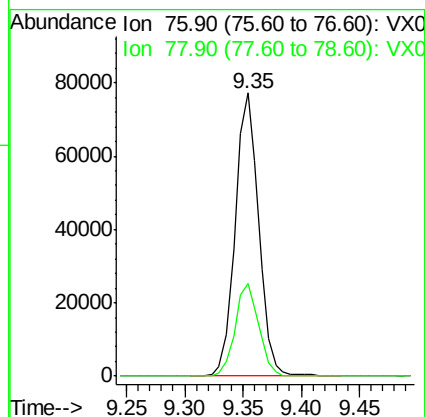
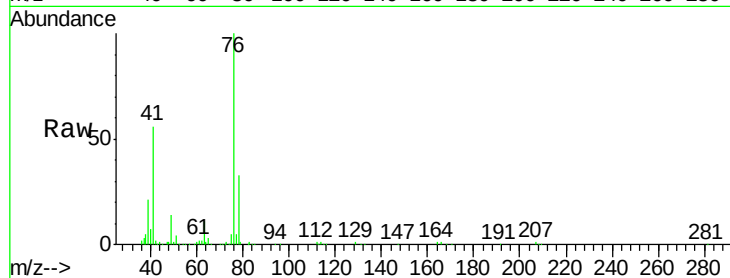
78 32.9 26.2 39.4

Manual Integrations

APPROVED

MMDadoda

5/28/2020 2:10:36 PM



#58

2-Chloroethyl Vinyl ether

Concen: 92.247 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016455.D

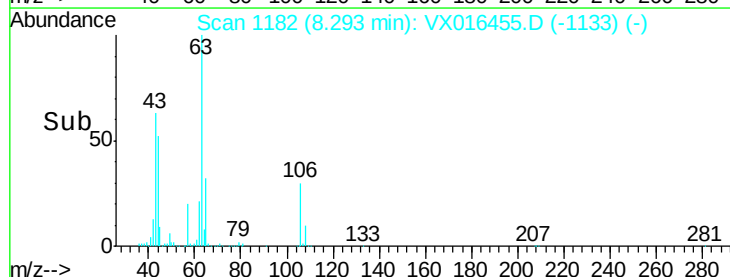
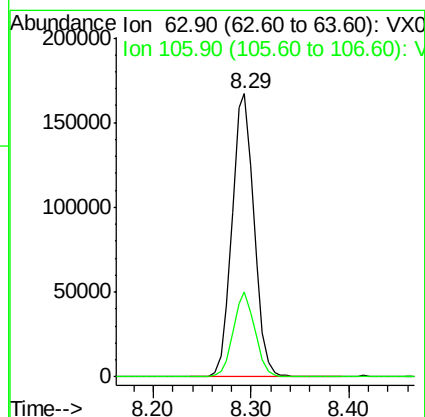
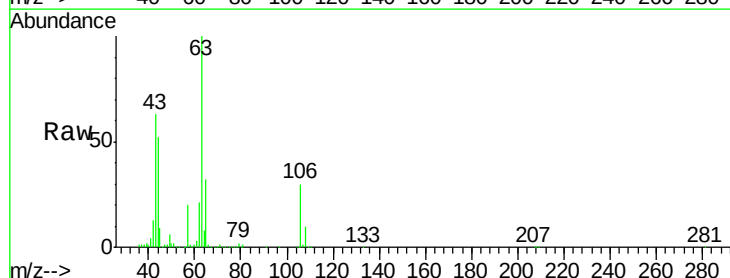
Acq: 27 May 2020 19:07

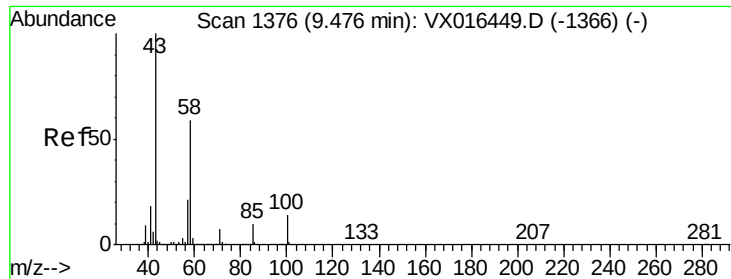
Tgt Ion: 63 Resp: 261539

Ion Ratio Lower Upper

63 100

106 29.3 23.2 34.8





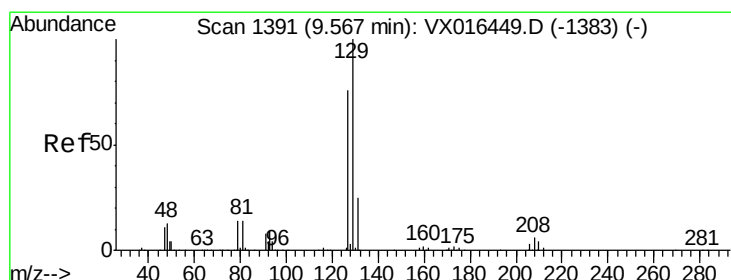
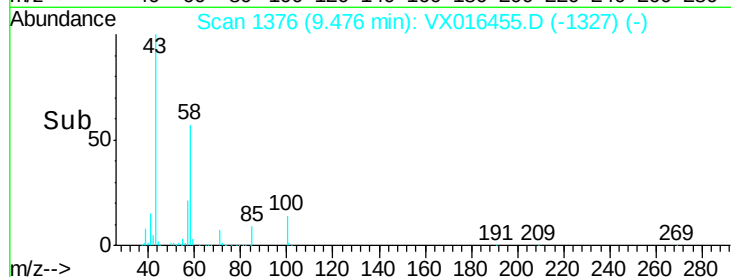
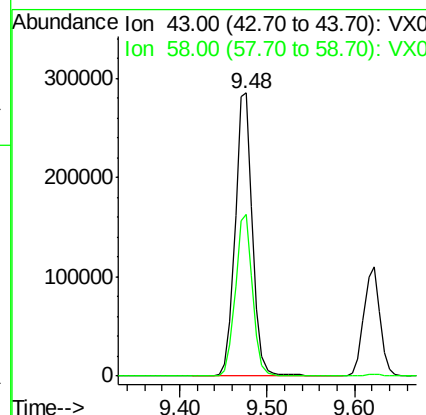
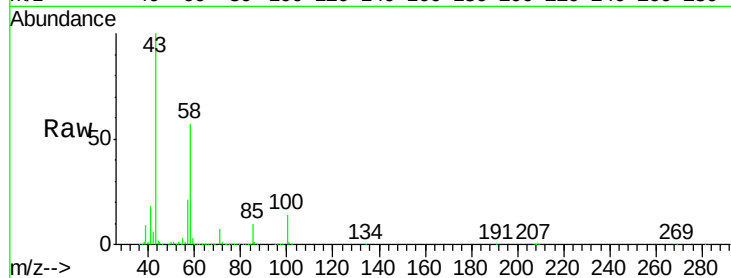
#59  
2-Hexanone  
Concen: 97.023 ug/l  
RT: 9.48 min Scan# 1376  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 57.1  | 28.8  | 86.4  |

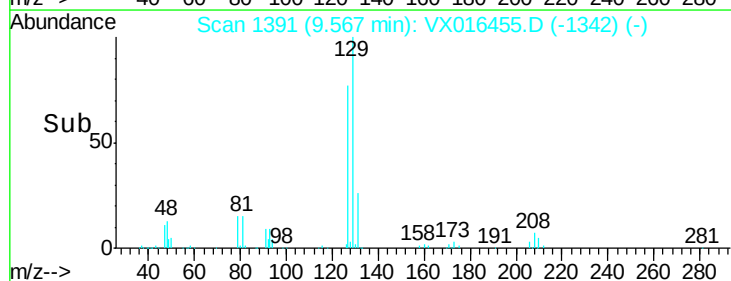
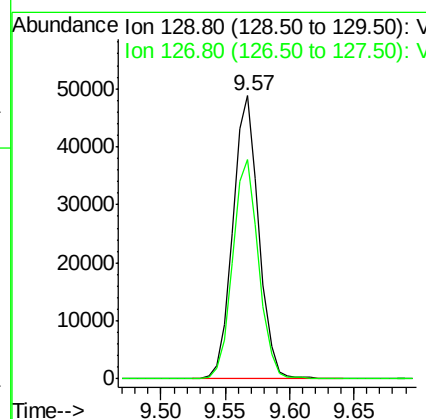
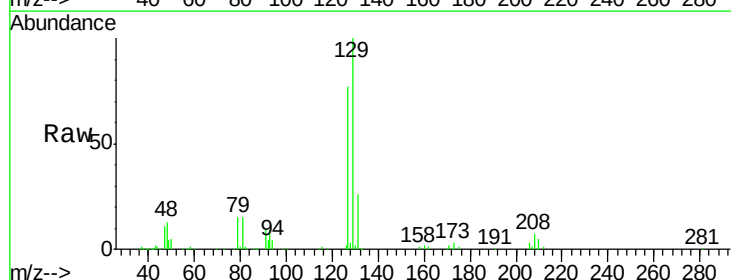
Manual Integrations  
APPROVED

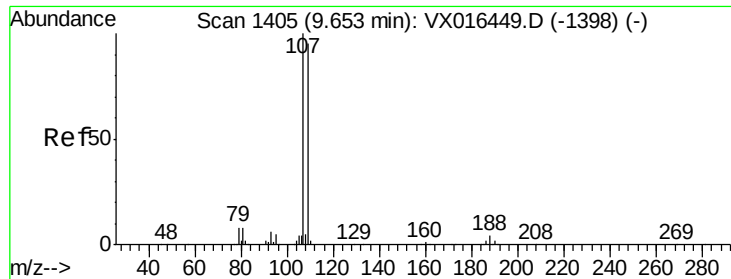
MMDadoda  
5/28/2020 2:10:36 PM



#60  
Dibromochloromethane  
Concen: 18.327 ug/l  
RT: 9.57 min Scan# 1391  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 77.8  | 38.6  | 116.0 |





#61

1,2-Dibromoethane

Concen: 18.670 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0527WBSD01

Tot Ion:107 Resp: 66679

Ion Ratio Lower Upper

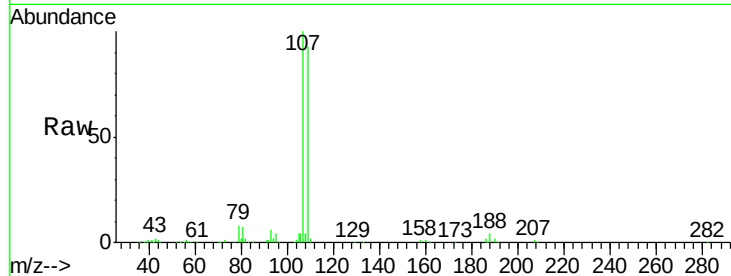
107 100

109 94.9 75.5 113.3

Manual Integrations  
APPROVED

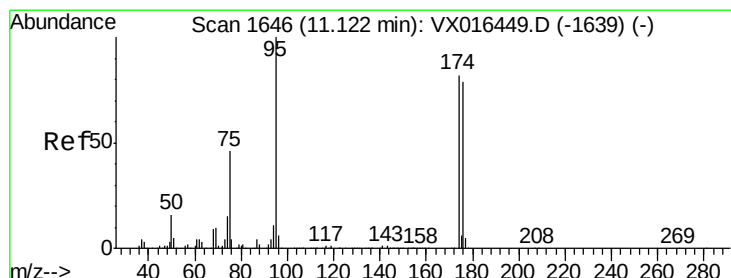
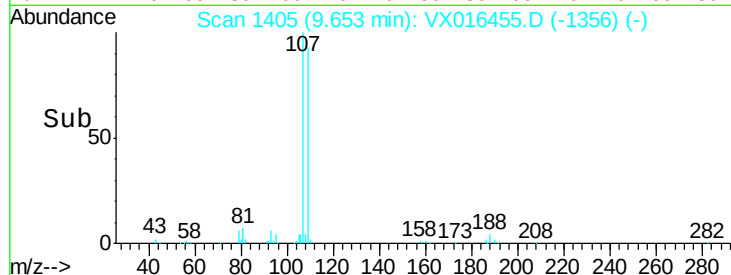
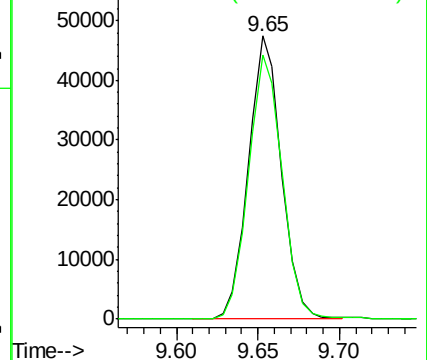
MMDadoda

5/28/2020 2:10:36 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.414 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

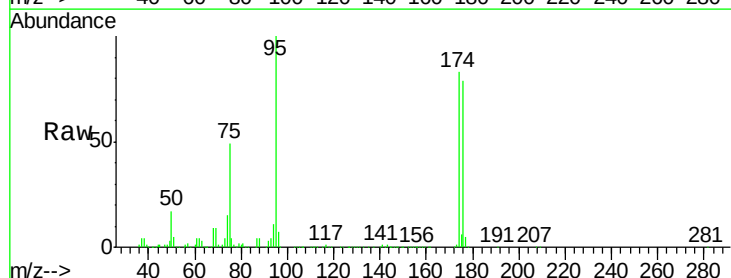
Tgt Ion: 95 Resp: 198414

Ion Ratio Lower Upper

95 100

174 81.3 0.0 163.0

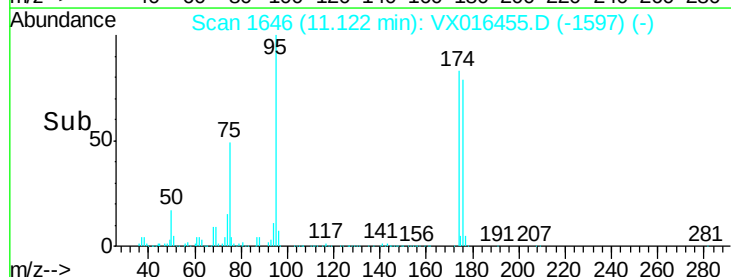
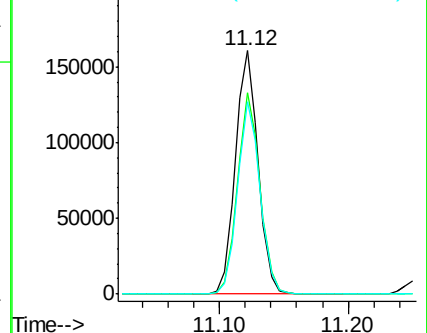
176 78.1 0.0 156.8

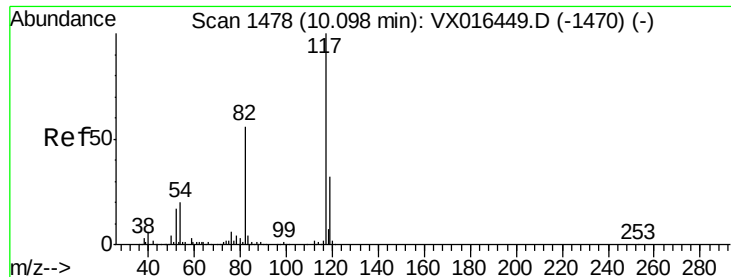


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





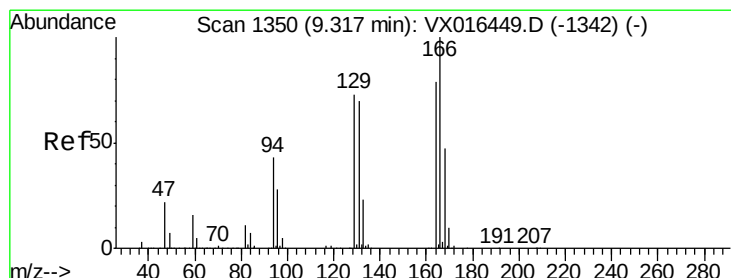
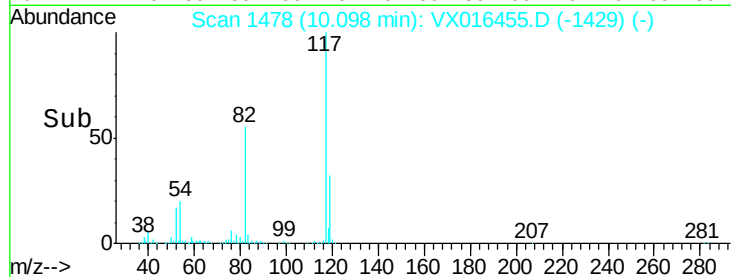
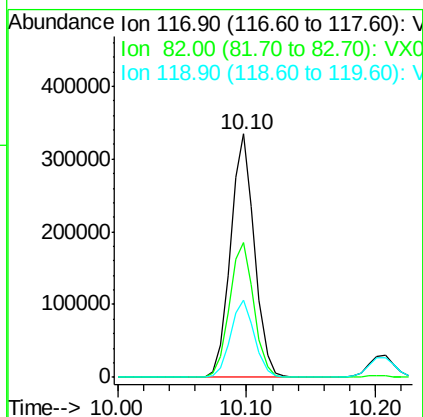
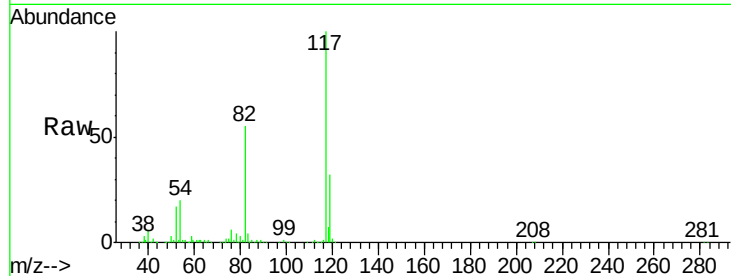
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.4  | 45.0  | 67.6  |
| 119     | 31.9  | 25.8  | 38.8  |

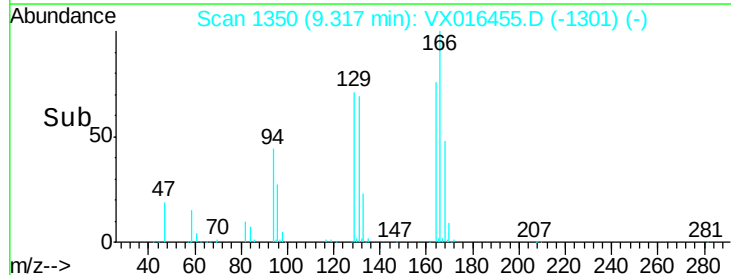
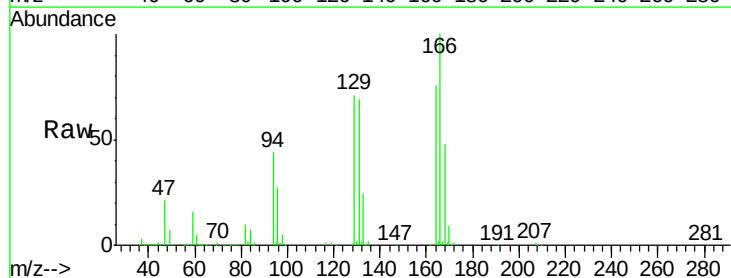
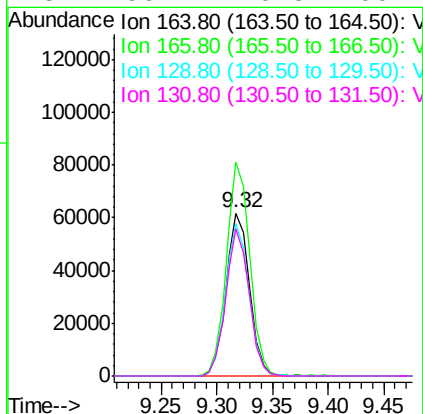
Manual Integrations  
APPROVED

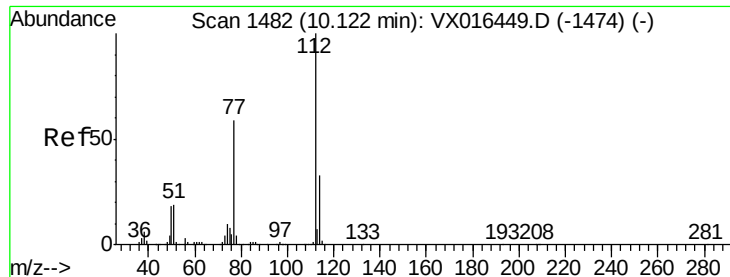
MMDadoda  
5/28/2020 2:10:36 PM



#64  
Tetrachloroethene  
Concen: 18.572 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 131.0 | 100.9 | 151.3 |
| 129     | 93.2  | 73.2  | 109.8 |
| 131     | 90.2  | 70.8  | 106.2 |





#65

Chlorobenzene

Concen: 19.093 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0527WBSD01

Tot Ion:112 Resp: 168713

Ion Ratio Lower Upper

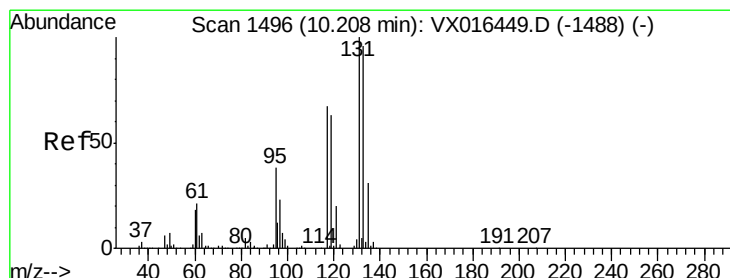
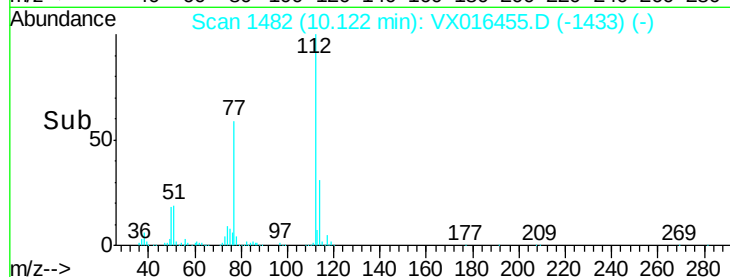
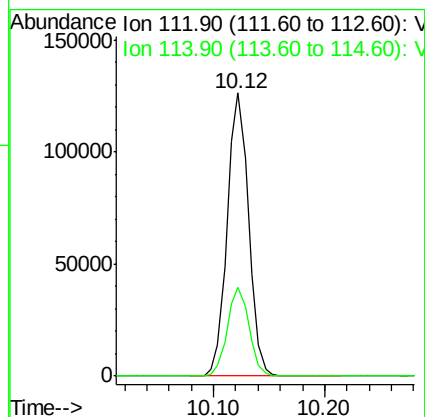
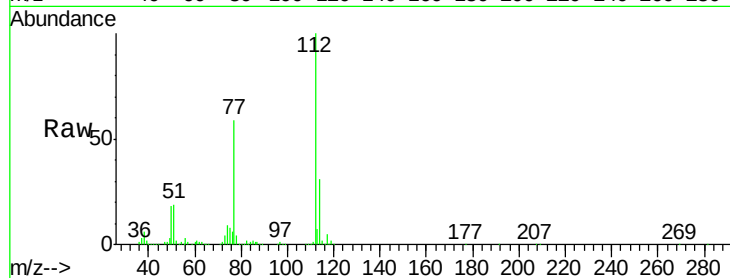
112 100

114 31.3 26.0 39.0

Manual Integrations  
APPROVED

MMDadoda

5/28/2020 2:10:36 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 18.563 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

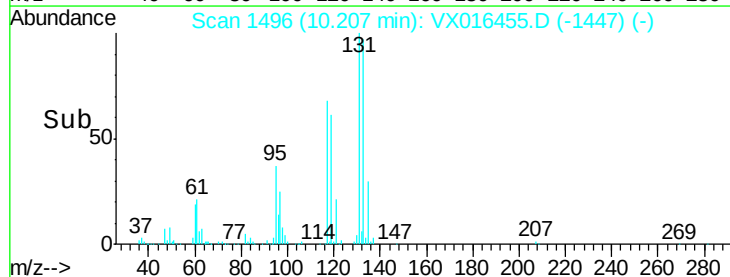
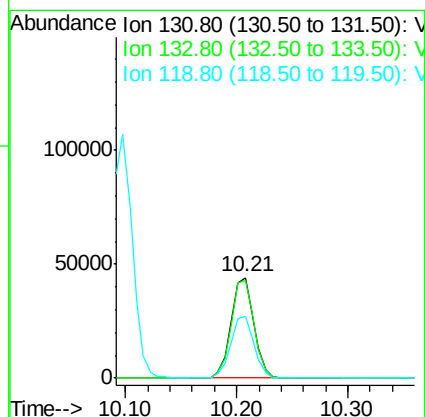
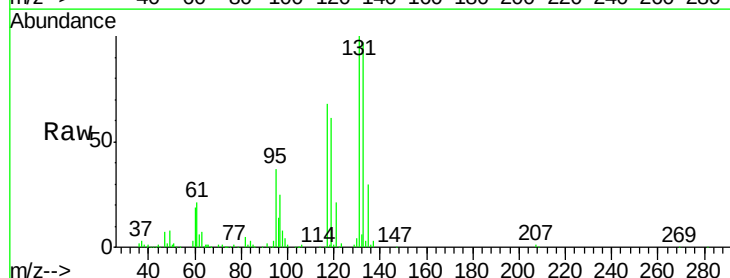
Tgt Ion:131 Resp: 62613

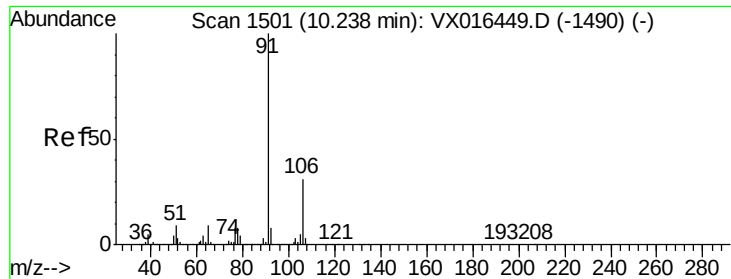
Ion Ratio Lower Upper

131 100

133 97.8 48.4 145.3

119 61.6 32.0 96.2





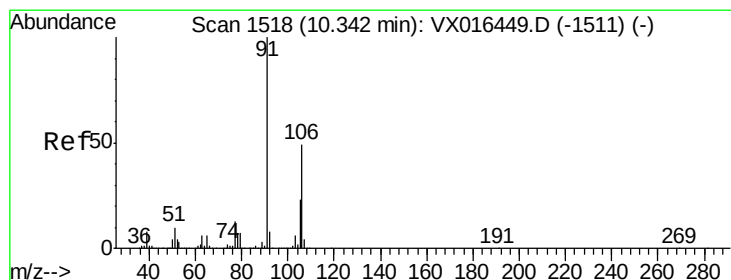
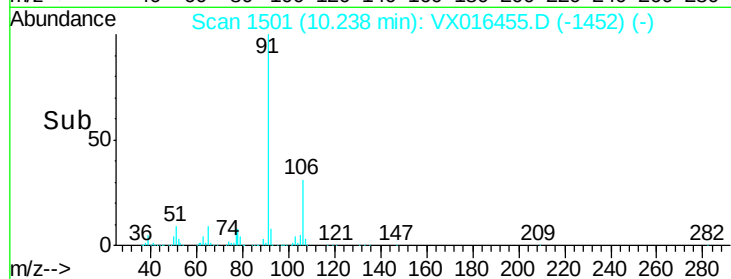
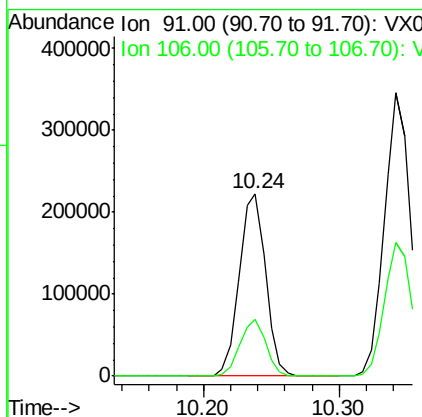
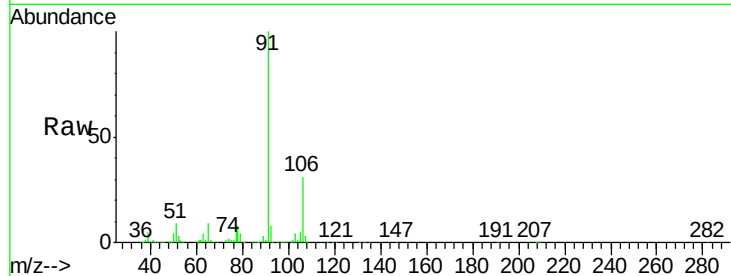
#67  
Ethyl Benzene  
Concen: 19.113 ug/l  
RT: 10.24 min Scan# 1501  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBSD01

Tot Ion: 91 Resp: 300694  
Ion Ratio Lower Upper  
91 100  
106 30.9 25.0 37.4

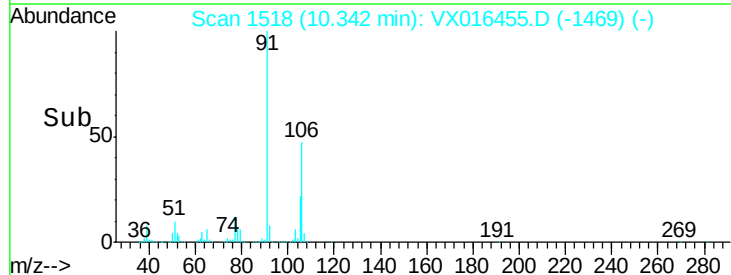
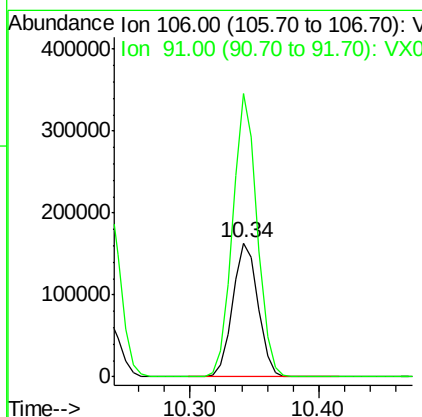
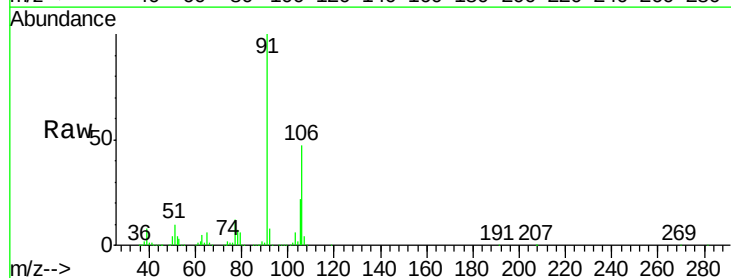
Manual Integrations  
APPROVED

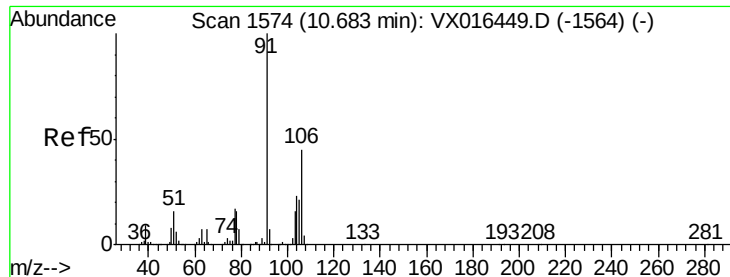
MMDadoda  
5/28/2020 2:10:36 PM



#68  
m/p-Xylenes  
Concen: 38.558 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

Tgt Ion: 106 Resp: 224914  
Ion Ratio Lower Upper  
106 100  
91 204.0 163.8 245.8





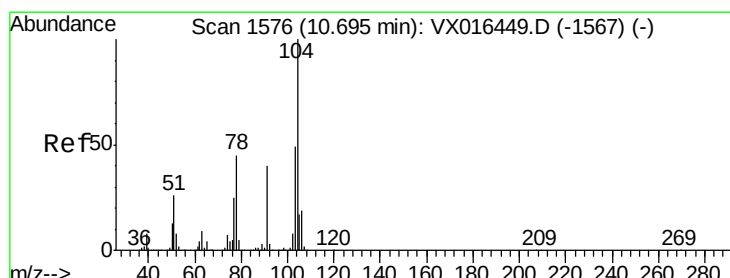
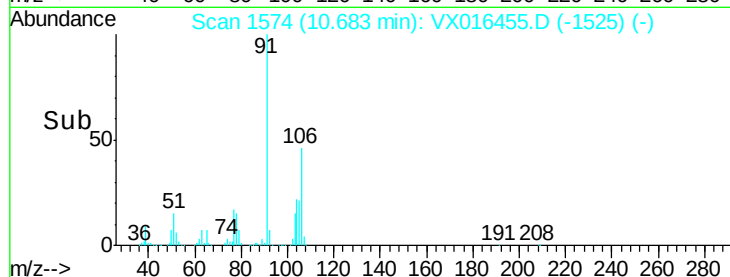
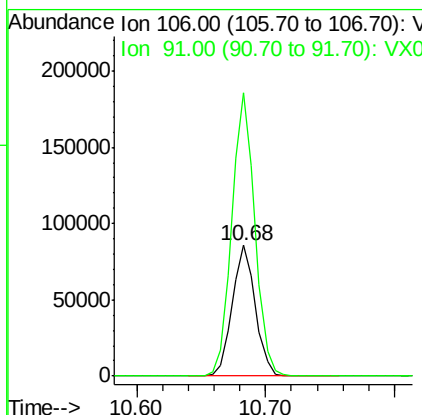
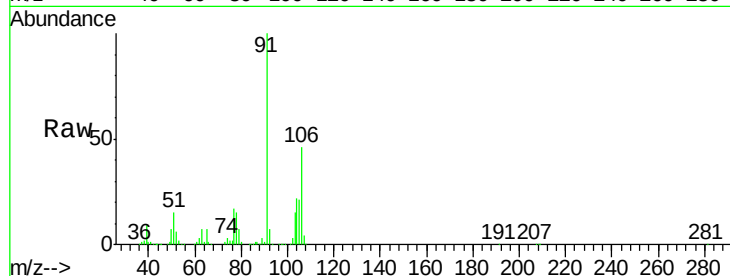
#69  
o-Xylene  
Concen: 19.069 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBSD01

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 106     | 106 | 100   | 107724 |       |       |
| 91      | 91  | 215.8 | 109.6  | 328.8 |       |

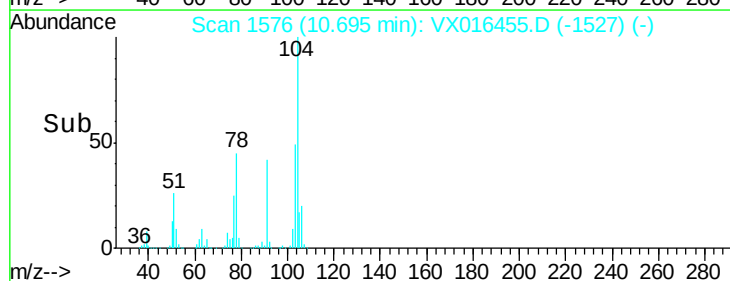
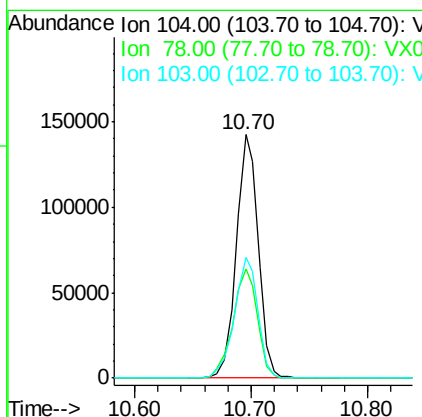
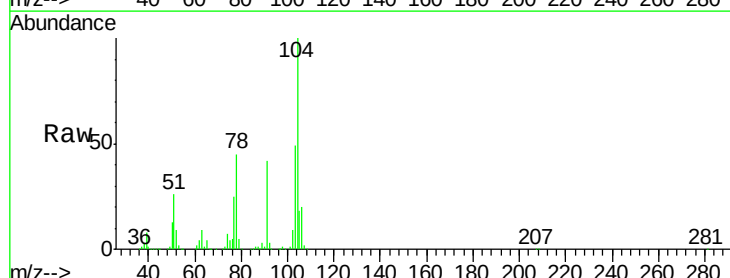
Manual Integrations  
APPROVED

MMDadoda  
5/28/2020 2:10:36 PM

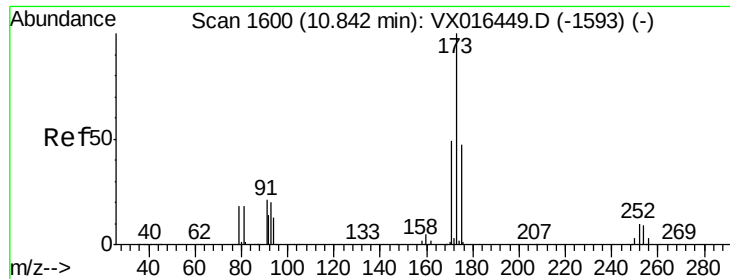


#70  
Styrene  
Concen: 19.257 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 104     | 104 | 100   | 186988 |       |       |
| 78      | 78  | 50.1  | 40.2   | 60.2  |       |
| 103     | 103 | 53.4  | 43.1   | 64.7  |       |







#71

Bromoform

Concen: 18.195 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA\_X

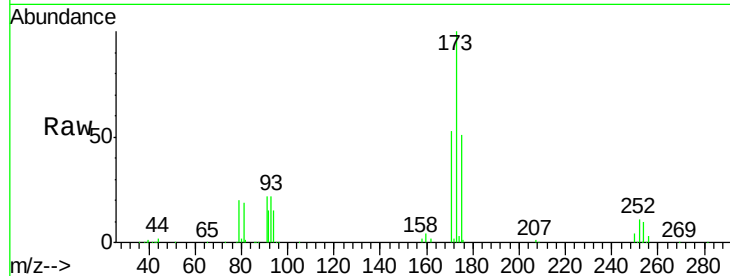
ClientSampleId :

VX0527WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.8  | 23.9  | 71.7  |
| 254     | 0.2   | 0.1   | 0.1#  |

Manual Integrations  
APPROVED

MMDadoda  
5/28/2020 2:10:36 PM

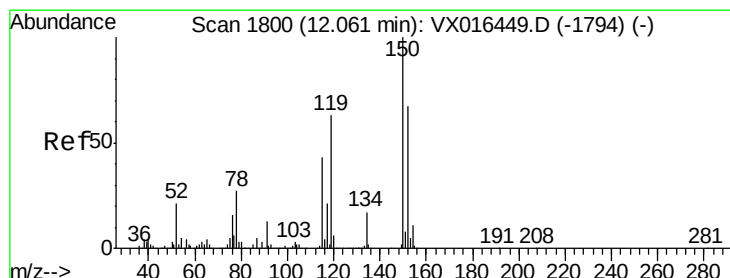
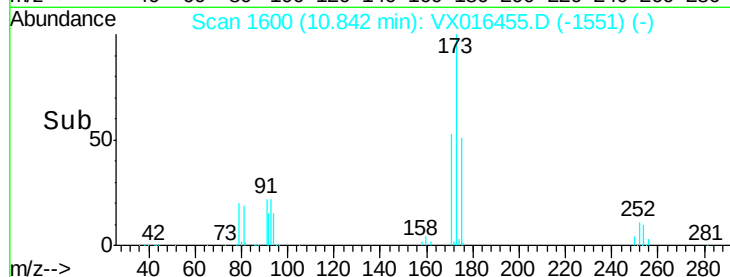
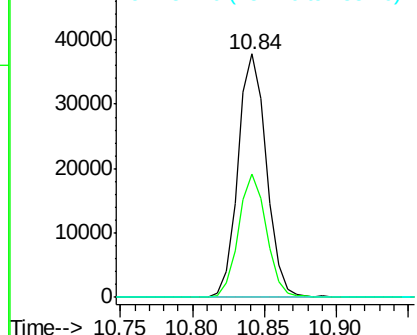


Abundance

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

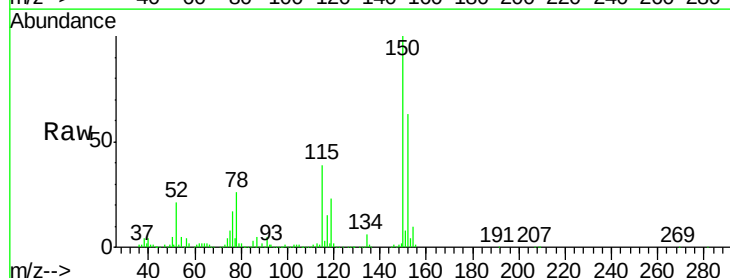
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 67.1  | 39.9  | 119.6 |
| 150     | 161.9 | 0.0   | 341.0 |

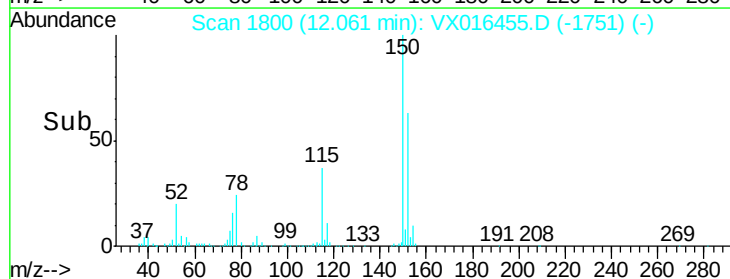
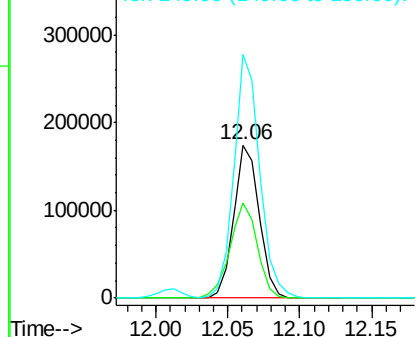


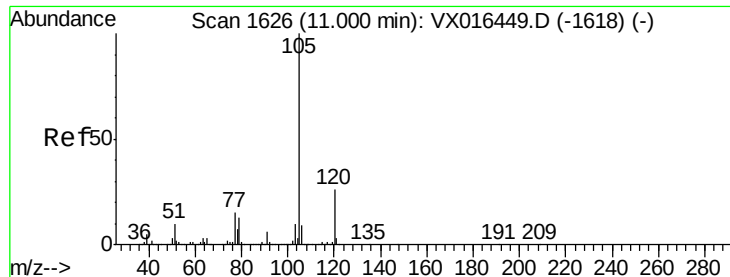
Abundance

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: 19.033 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0527WBSD01

Tot Ion:105 Resp: 284130

Ion Ratio Lower Upper

105 100

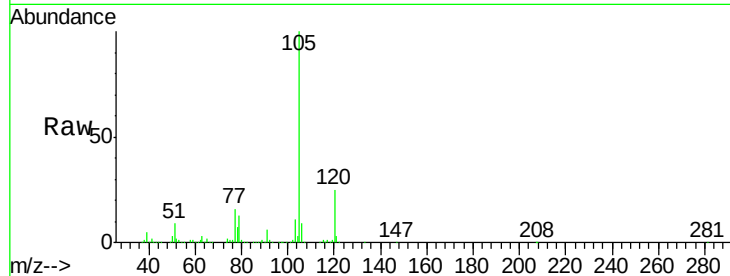
120 26.4 13.1 39.3

Manual Integrations

APPROVED

MMDadoda

5/28/2020 2:10:36 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

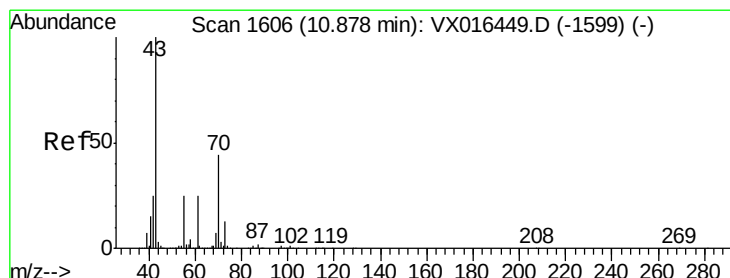
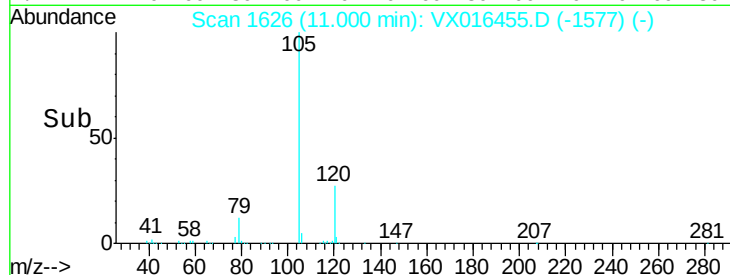
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 19.263 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Tgt Ion: 43 Resp: 132274

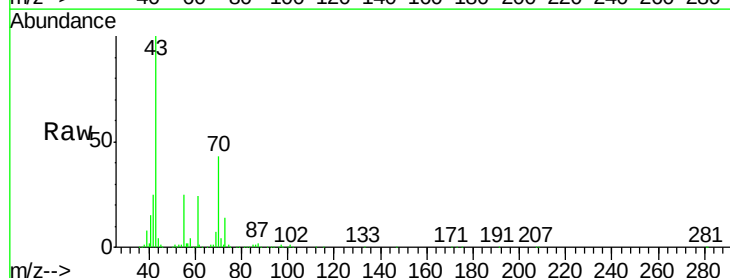
Ion Ratio Lower Upper

43 100

70 45.4 36.1 54.1

55 25.7 20.2 30.4

61 25.0 20.3 30.5



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

150000

100000

50000

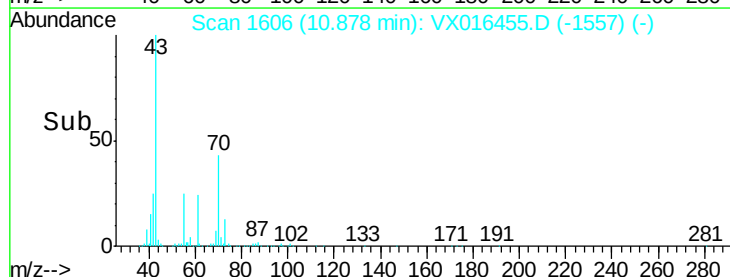
0

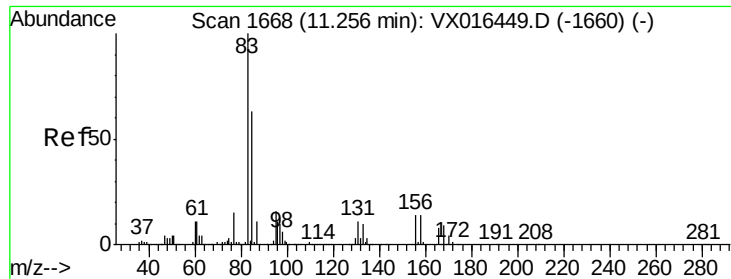
10.88

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.911 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA\_X

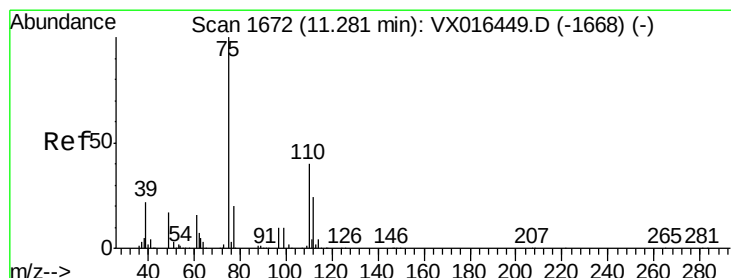
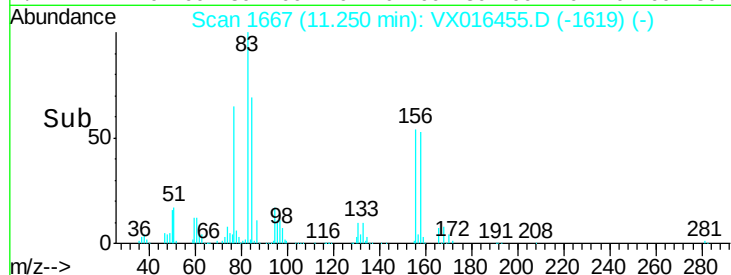
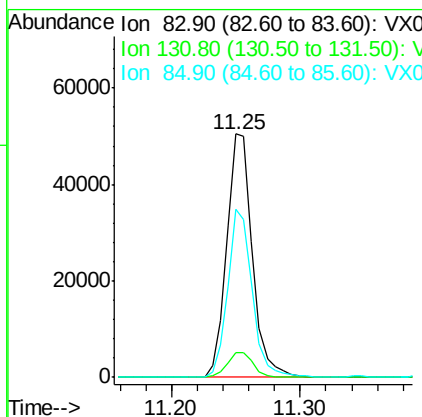
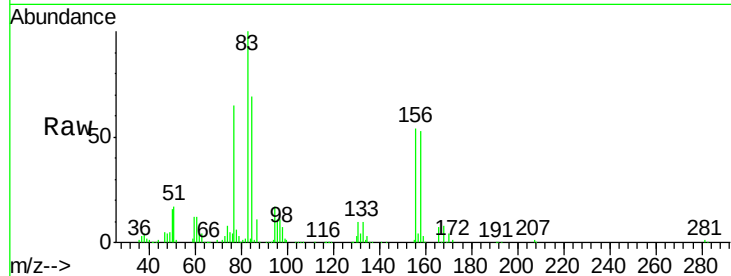
ClientSampleId :

VX0527WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 70752 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.4  | 5.1   | 15.3  |
| 85        | 65.9  | 32.0  | 96.2  |

Manual Integrations  
APPROVED

MMDadoda  
5/28/2020 2:10:36 PM



#76

1,2,3-Trichloropropane

Concen: 19.112 ug/l m

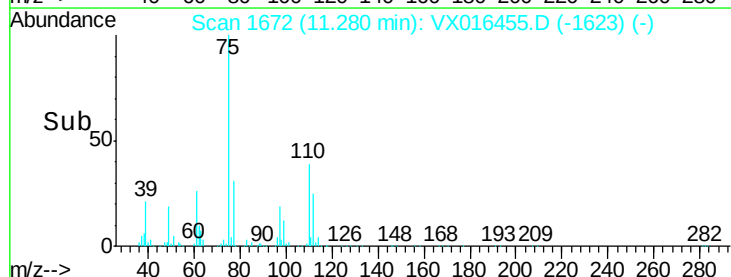
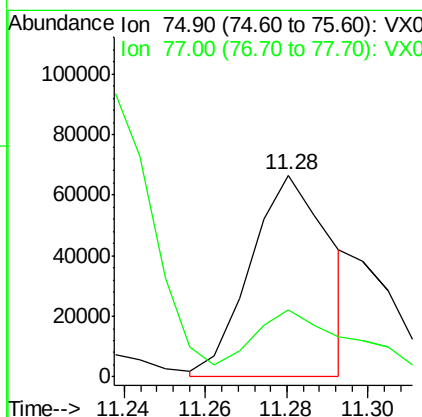
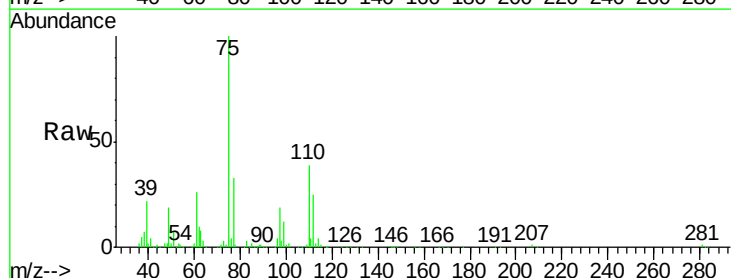
RT: 11.28 min Scan# 1672

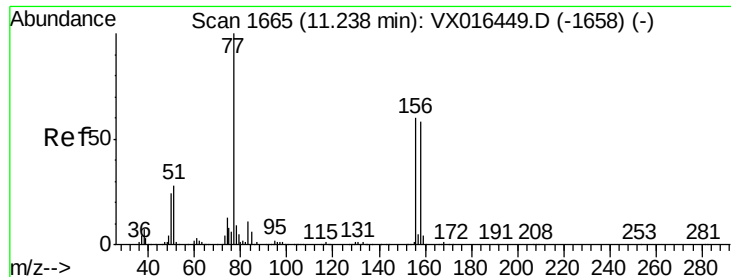
Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 90510 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 42.6  | 21.3  | 63.7  |





#77

Bromobenzene

Concen: 18.535 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0527WBSD01

Tot Ion:156 Resp: 72572

Ion Ratio Lower Upper

156 100

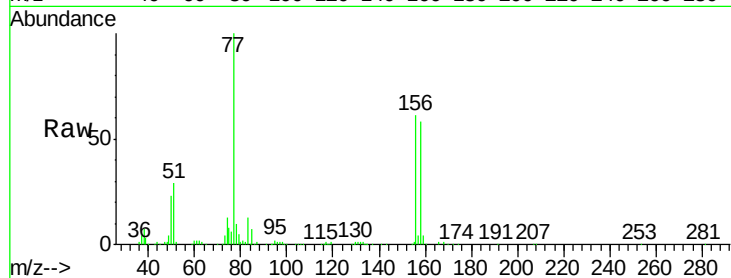
77 162.8 79.6 238.8

158 97.2 48.1 144.4

Manual Integrations  
APPROVED

MMDadoda

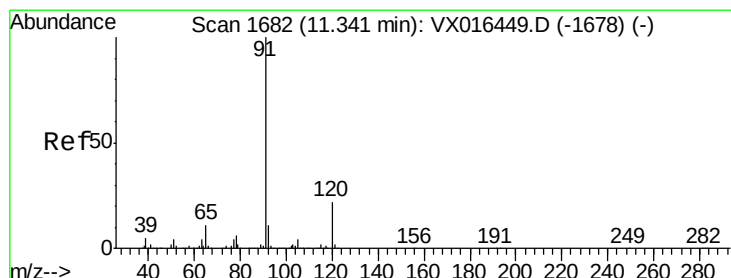
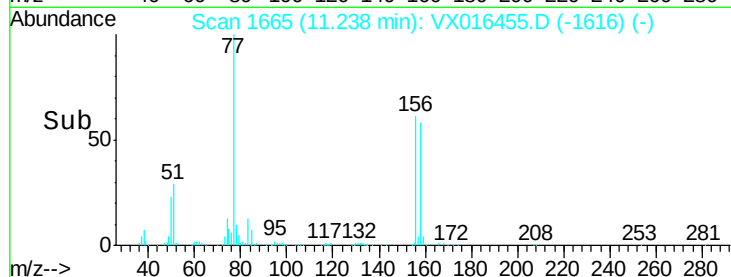
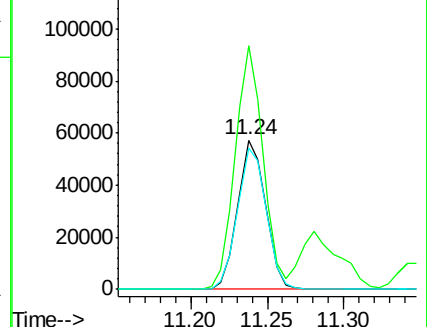
5/28/2020 2:10:36 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.315 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016455.D

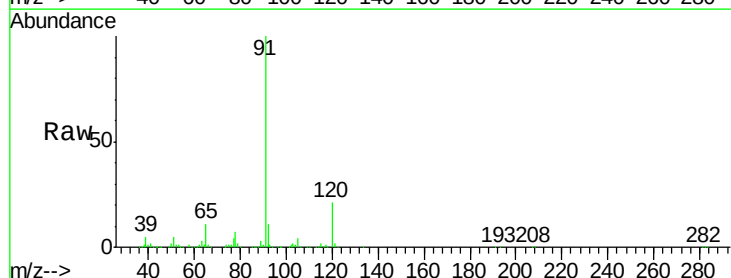
Acq: 27 May 2020 19:07

Tgt Ion: 91 Resp: 322139

Ion Ratio Lower Upper

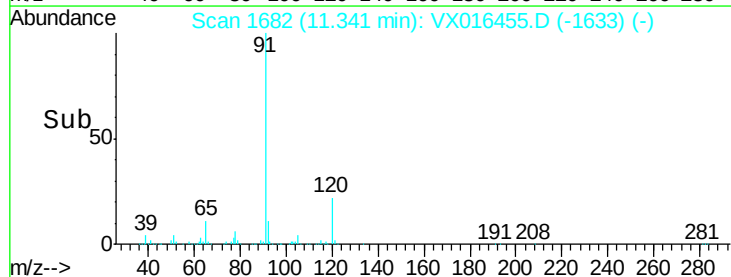
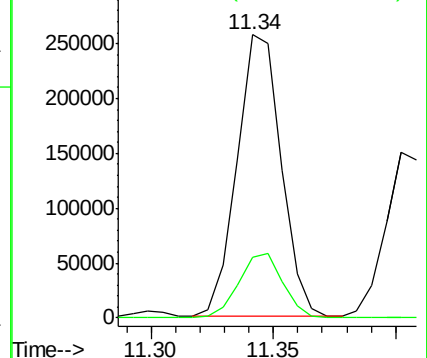
91 100

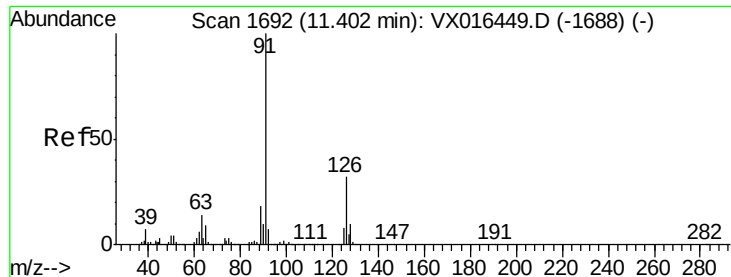
120 23.0 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





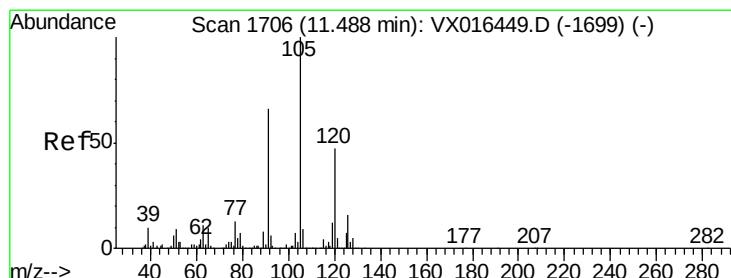
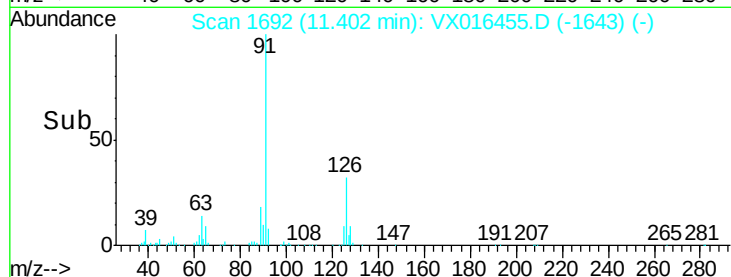
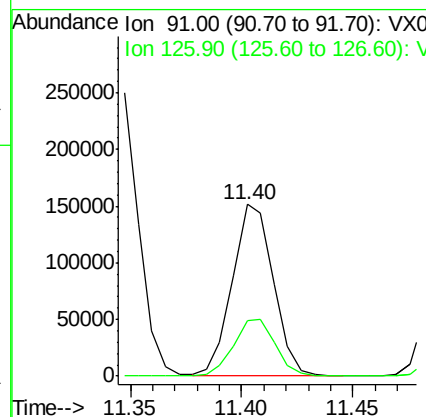
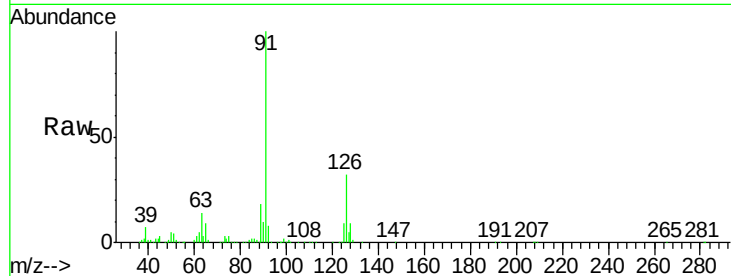
#79  
2-Chlorotoluene  
Concen: 19.031 ug/l  
RT: 11.40 min Scan# 1692  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBSD01

Tot Ion: 91 Resp: 193745  
Ion Ratio Lower Upper  
91 100  
126 33.8 16.8 50.3

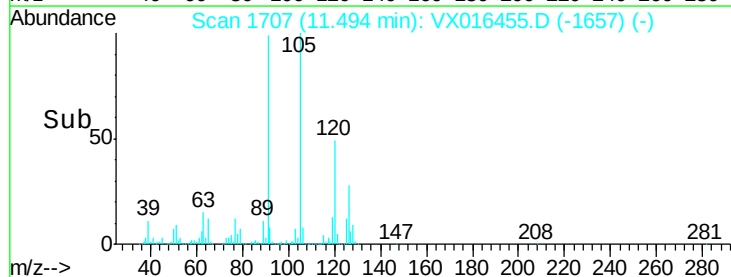
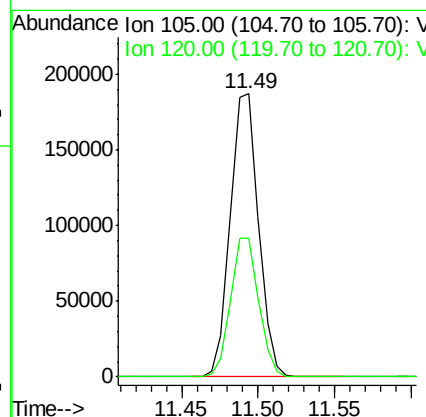
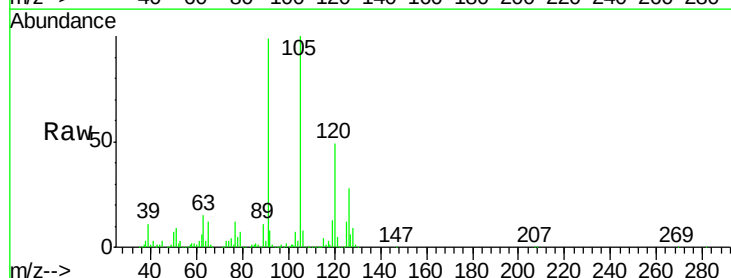
Manual Integrations  
APPROVED

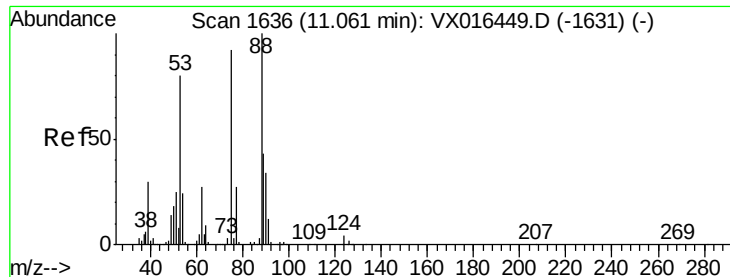
MMDadoda  
5/28/2020 2:10:36 PM



#80  
1,3,5-Trimethylbenzene  
Concen: 19.241 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. 0.01 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

Tgt Ion: 105 Resp: 239839  
Ion Ratio Lower Upper  
105 100  
120 48.9 24.3 72.8





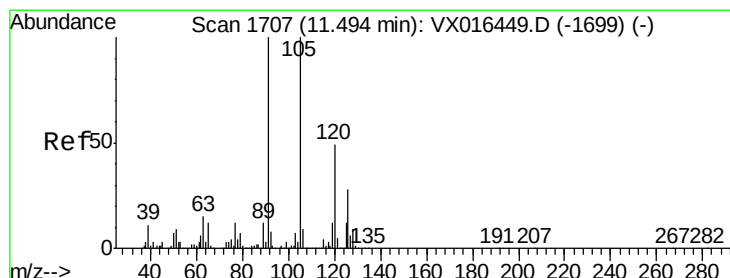
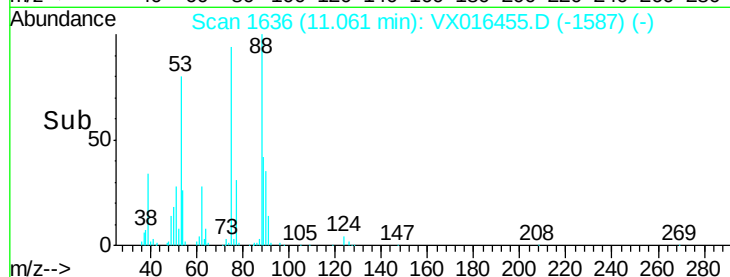
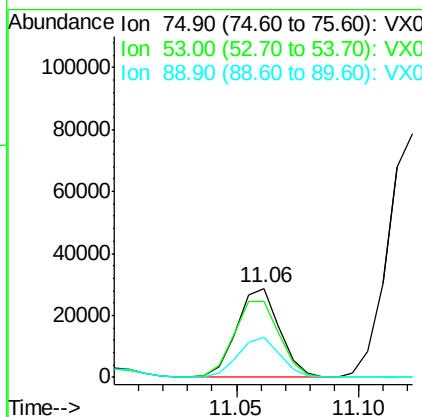
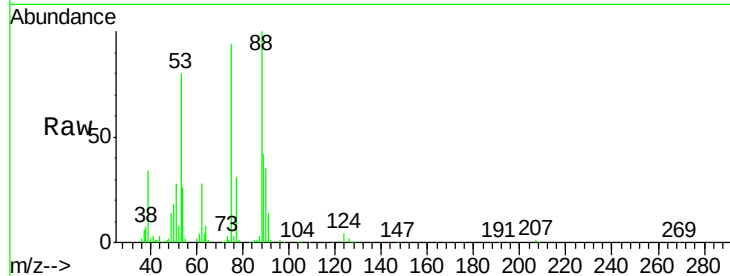
#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.216 ug/l  
RT: 11.06 min Scan# 1636  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 91.1  | 71.3  | 106.9 |
| 89      | 45.6  | 36.6  | 55.0  |

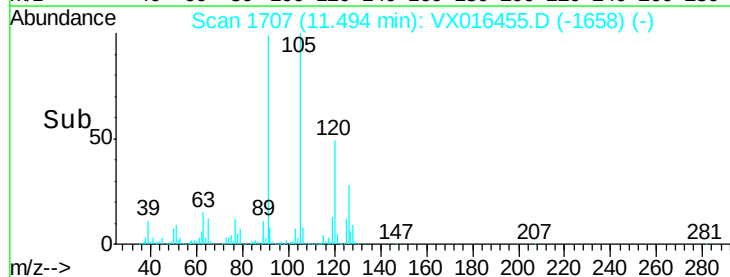
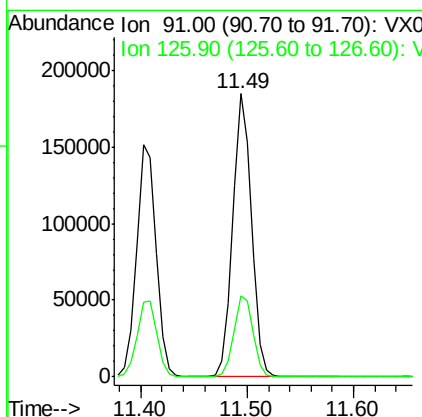
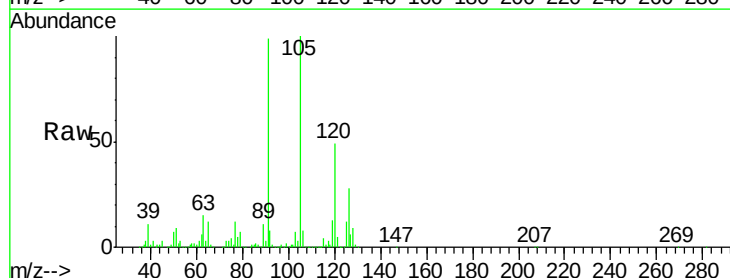
Manual Integrations  
APPROVED

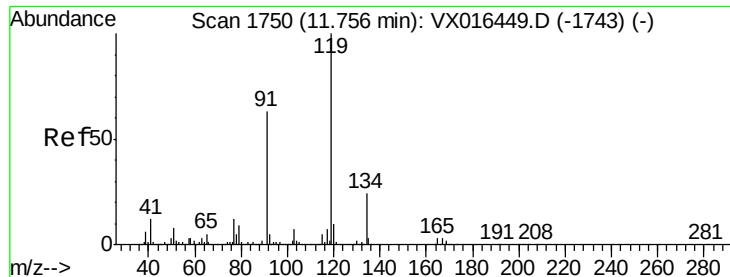
MMDadoda  
5/28/2020 2:10:36 PM



#82  
4-Chlorotoluene  
Concen: 19.053 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 29.5  | 14.7  | 44.1  |





#83

tert-Butylbenzene

Concen: 19.261 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA\_X

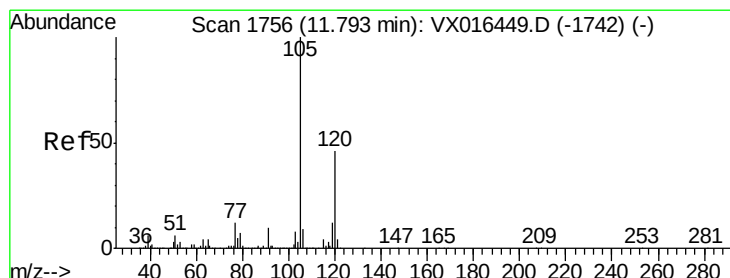
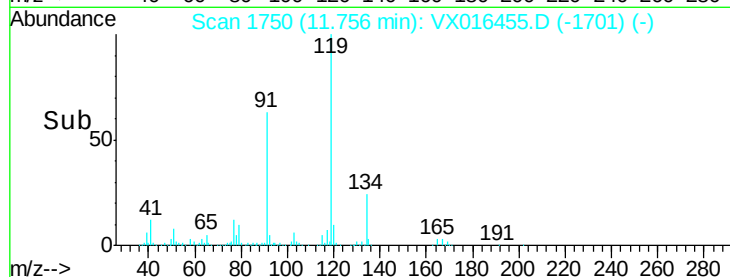
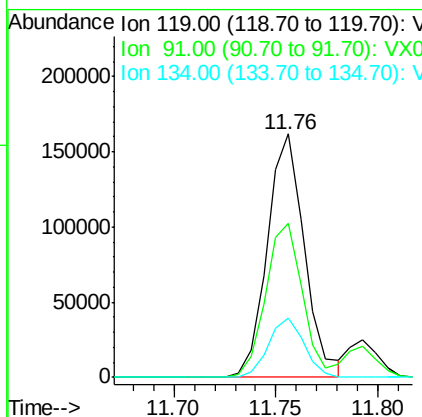
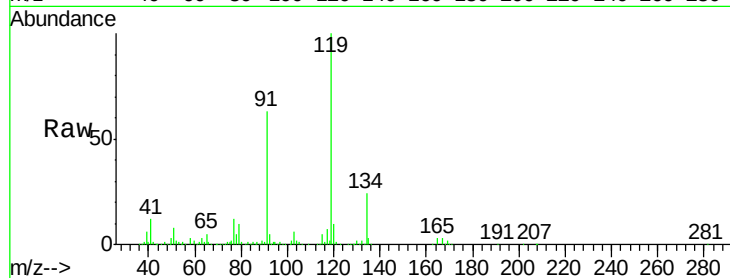
ClientSampleId :

VX0527WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 205142 |       |       |
| 91      | 62.4  | 31.3   | 93.8  |       |
| 134     | 23.5  | 12.0   | 36.0  |       |

Manual Integrations  
APPROVED

MMDadoda  
5/28/2020 2:10:36 PM



#84

1,2,4-Trimethylbenzene

Concen: 19.155 ug/l

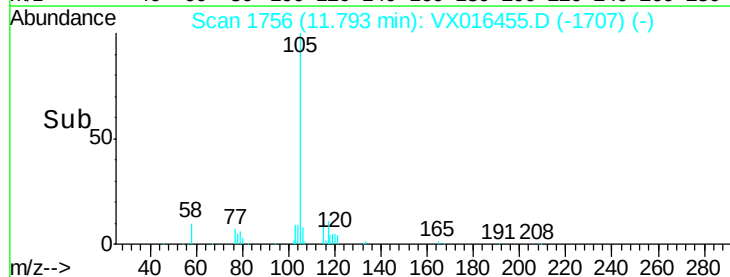
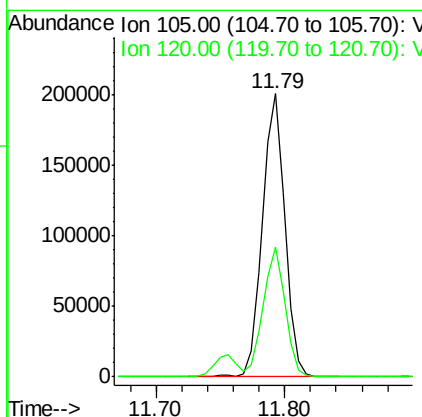
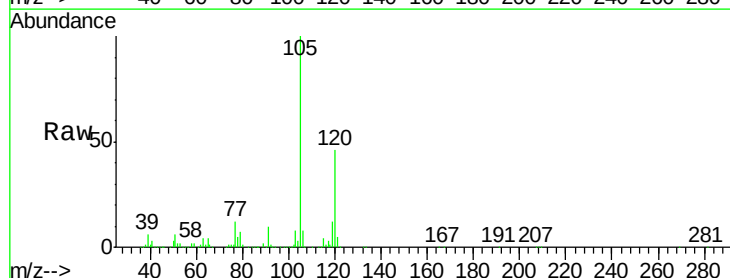
RT: 11.79 min Scan# 1756

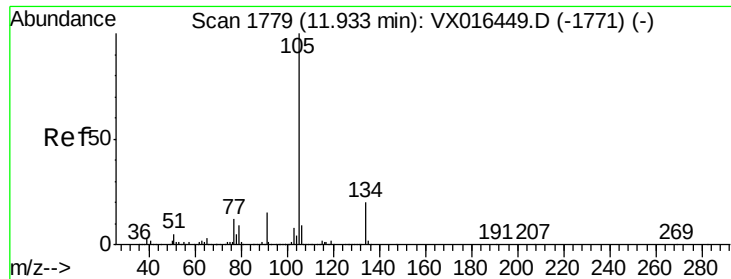
Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 241465 |       |       |
| 120     | 44.9  | 22.6   | 67.7  |       |





#85

sec-Butylbenzene

Concen: 19.239 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0527WBSD01

Tot Ion:105 Resp: 257052

Ion Ratio Lower Upper

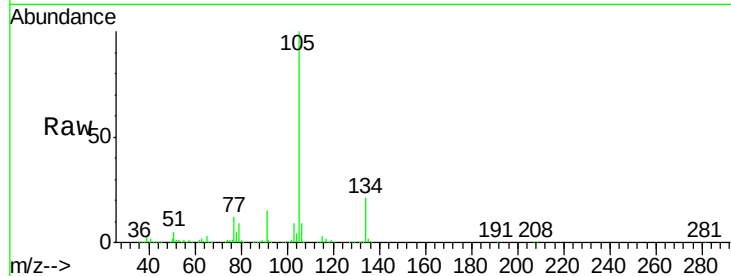
105 100

134 20.5 10.1 30.3

Manual Integrations  
APPROVED

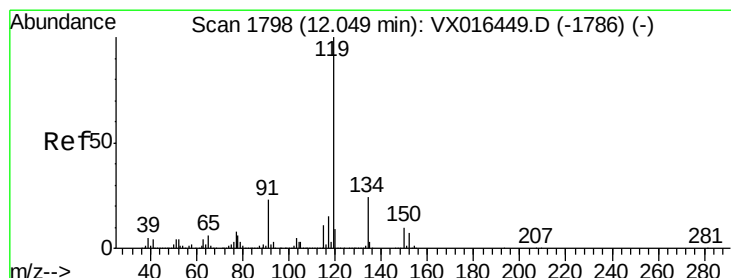
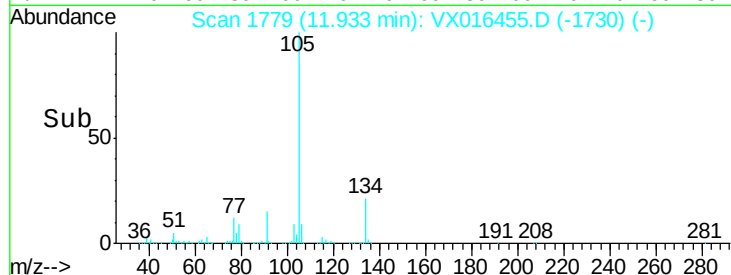
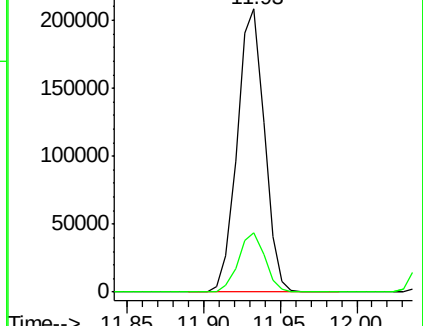
MMDadoda

5/28/2020 2:10:36 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.334 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

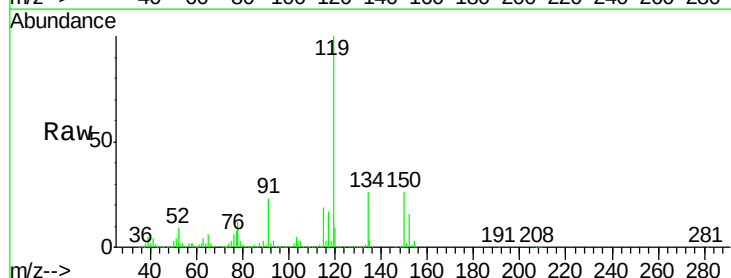
Tgt Ion:119 Resp: 241979

Ion Ratio Lower Upper

119 100

134 25.6 12.7 38.0

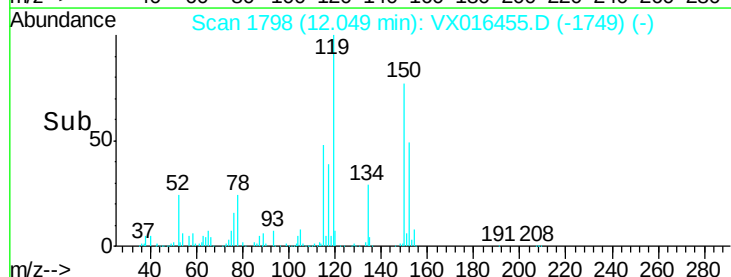
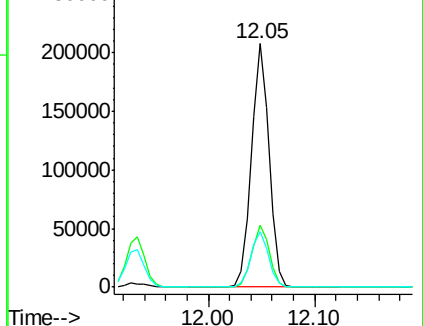
91 23.1 11.7 35.0



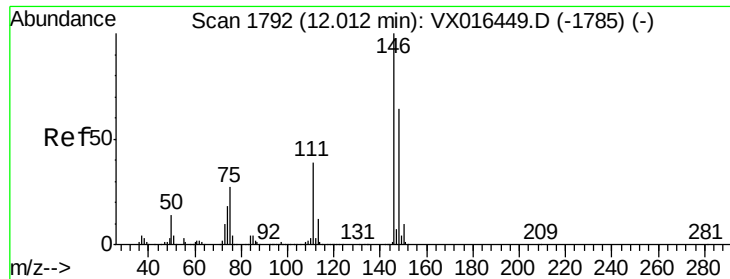
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0







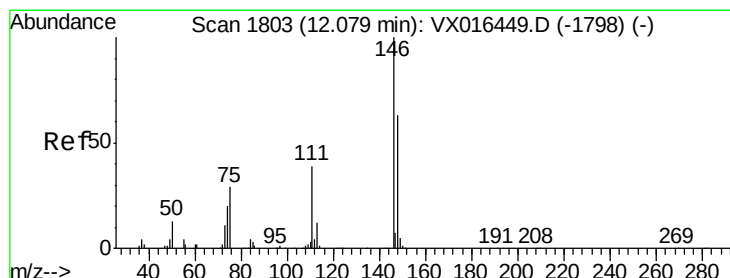
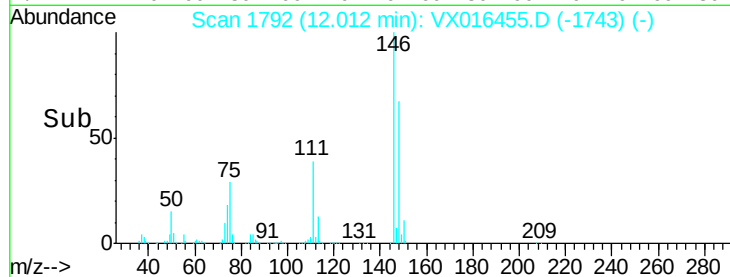
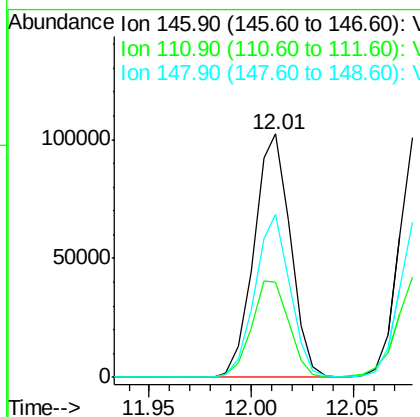
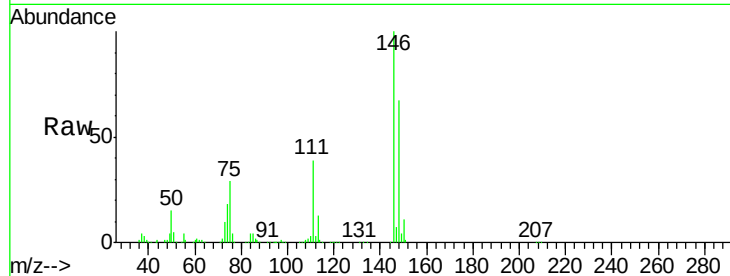
#87  
 1,3-Dichlorobenzene  
 Concen: 18.739 ug/l  
 RT: 12.01 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX016455.D  
 Acq: 27 May 2020 19:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0527WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 127113 |       |       |
| 111     | 40.9  | 20.0   | 60.0  |       |
| 148     | 64.6  | 31.9   | 95.5  |       |

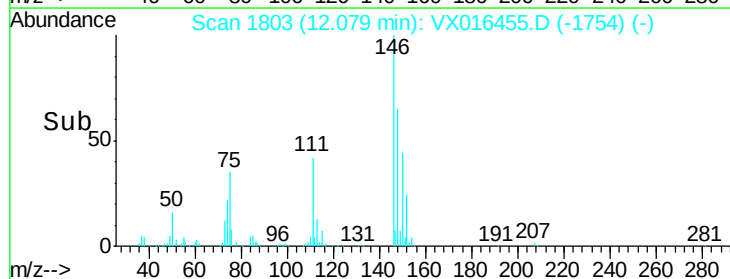
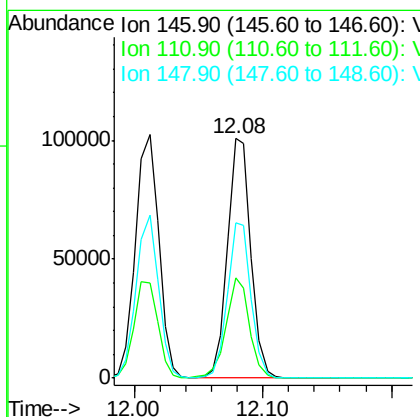
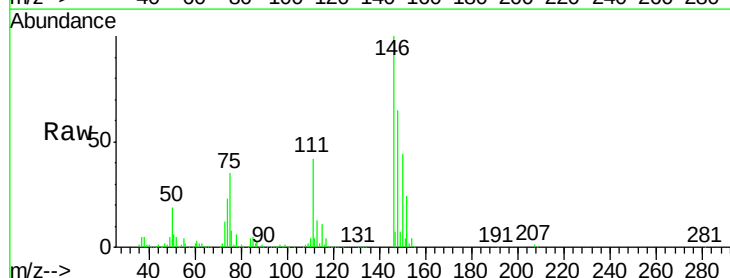
Manual Integrations  
 APPROVED

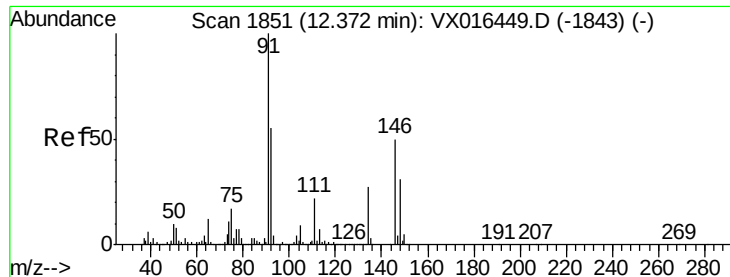
MMDadoda  
 5/28/2020 2:10:36 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 18.522 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. -0.00 min  
 Lab File: VX016455.D  
 Acq: 27 May 2020 19:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 128502 |       |       |
| 111     | 42.0  | 19.4   | 58.2  |       |
| 148     | 65.1  | 31.4   | 94.3  |       |





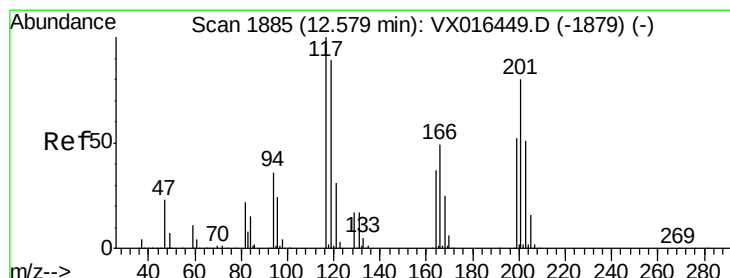
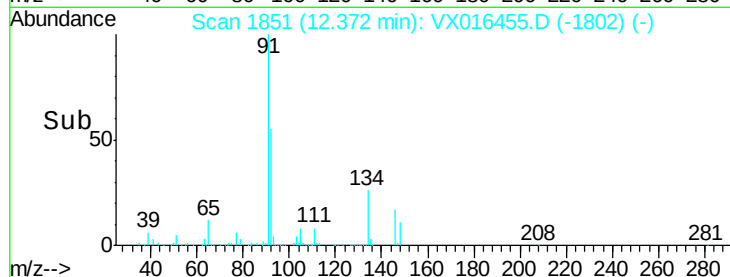
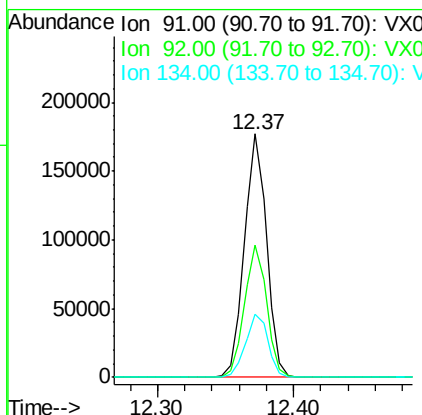
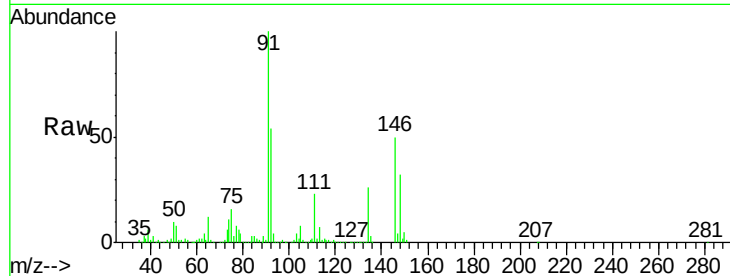
#89  
n-Butylbenzene  
Concen: 19.322 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 201431 |       |       |
| 92      | 54.2  | 27.2   | 81.5  |       |
| 134     | 26.4  | 13.1   | 39.3  |       |

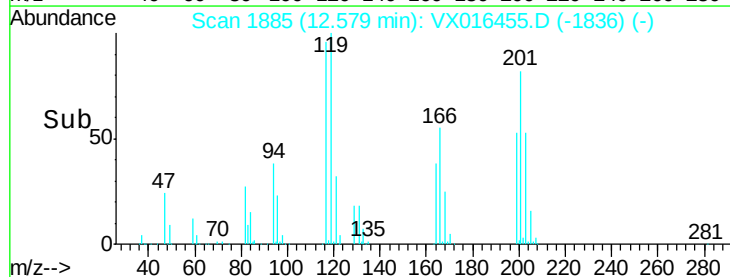
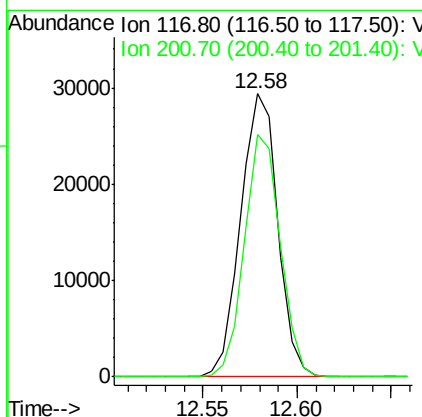
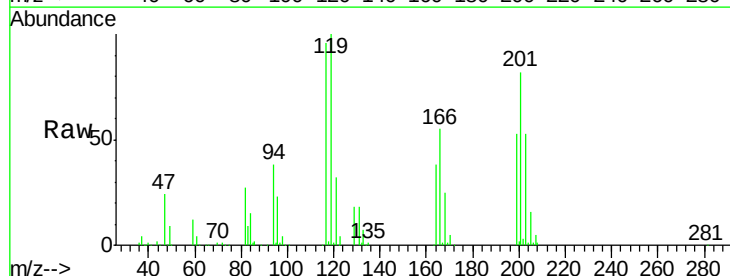
Manual Integrations  
APPROVED

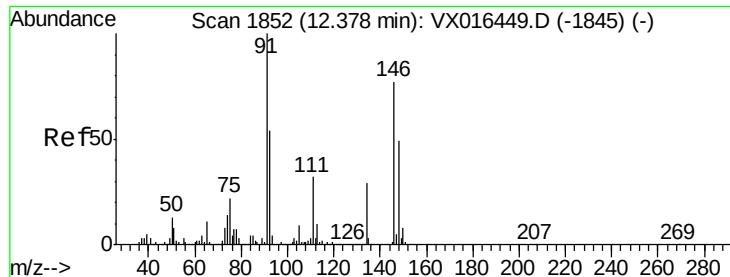
MMDadoda  
5/28/2020 2:10:36 PM



#90  
Hexachloroethane  
Concen: 18.522 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 40042 |       |       |
| 201     | 82.9  | 43.1  | 129.3 |       |





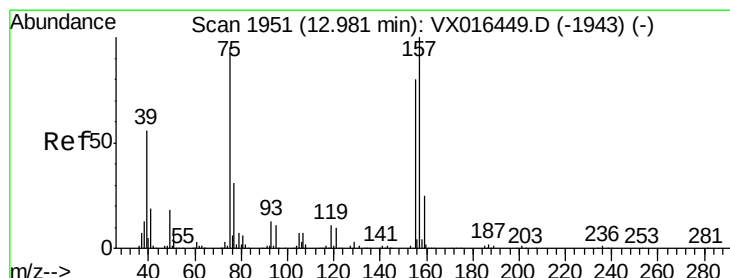
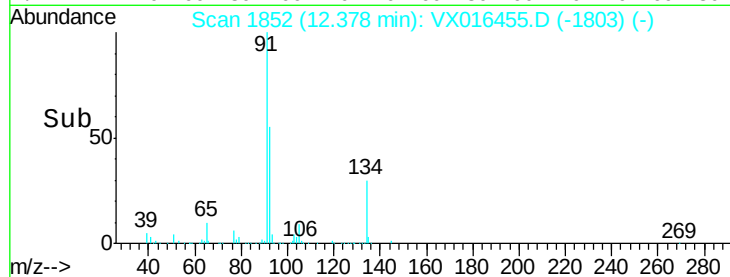
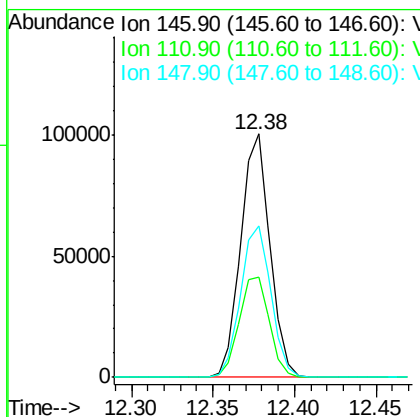
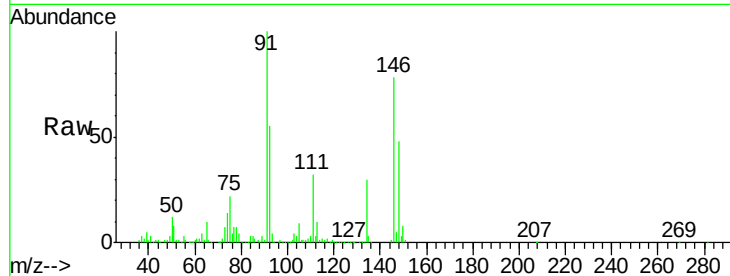
#91  
 1,2-Dichlorobenzene  
 Concen: 19.089 ug/l  
 RT: 12.38 min Scan# 1852  
 Delta R.T. -0.00 min  
 Lab File: VX016455.D  
 Acq: 27 May 2020 19:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0527WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 125455 |       |       |
| 111     | 42.7  | 21.4   | 64.3  |       |
| 148     | 64.5  | 31.9   | 95.7  |       |

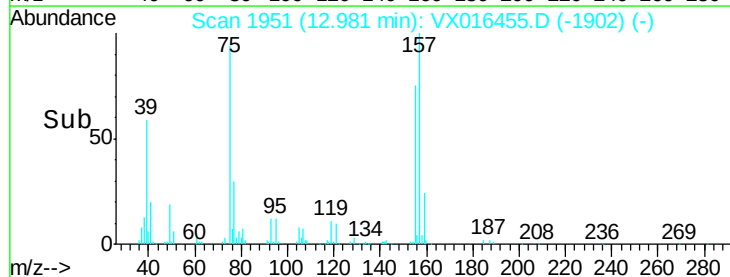
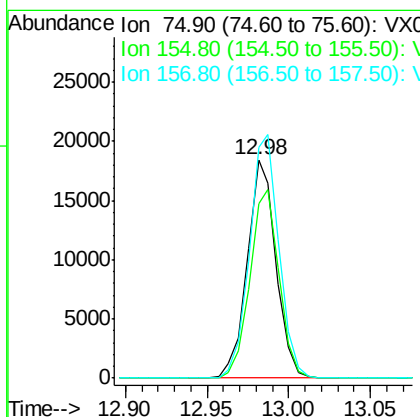
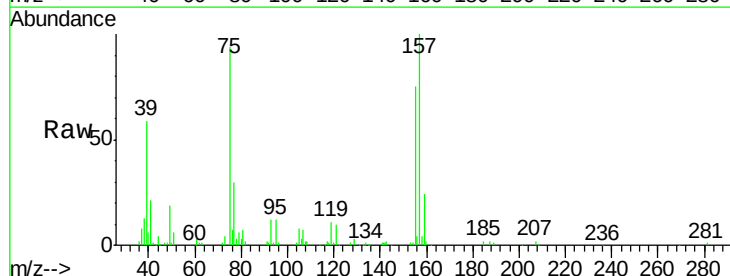
Manual Integrations  
 APPROVED

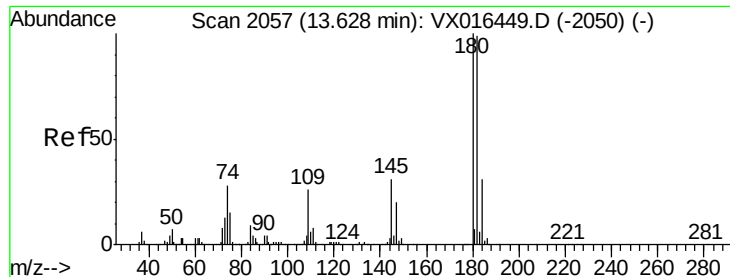
MMDadoda  
 5/28/2020 2:10:36 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.646 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. -0.00 min  
 Lab File: VX016455.D  
 Acq: 27 May 2020 19:07

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 22596 |       |       |
| 155     | 87.4  | 44.1  | 132.4 |       |
| 157     | 113.8 | 57.8  | 173.3 |       |





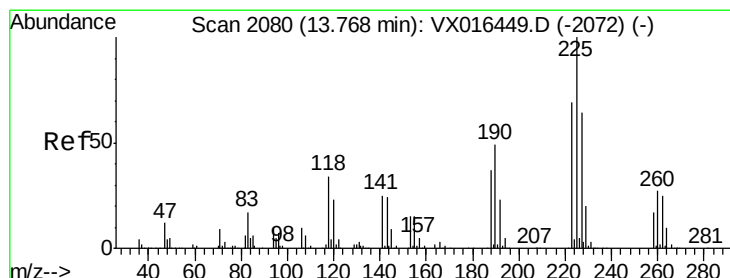
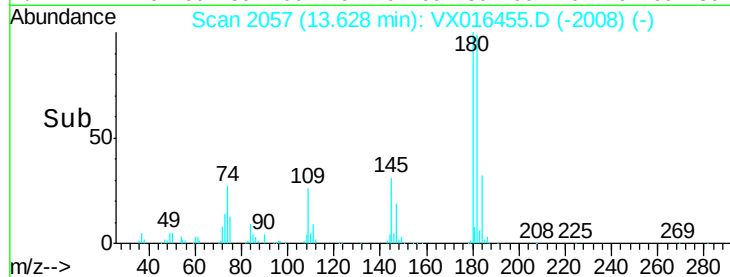
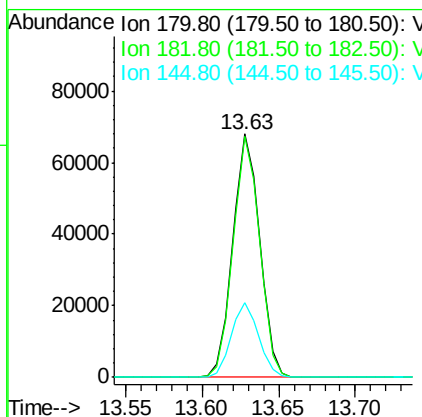
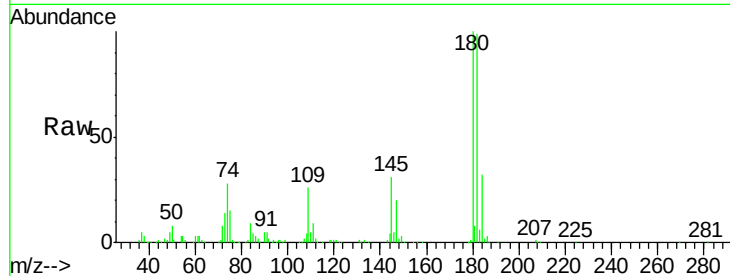
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.036 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: VX016455.D  
 Acq: 27 May 2020 19:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0527WBSD01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 83089 |       |       |
| 182     | 97.6  | 48.3  | 144.8 |       |
| 145     | 30.8  | 15.4  | 46.2  |       |

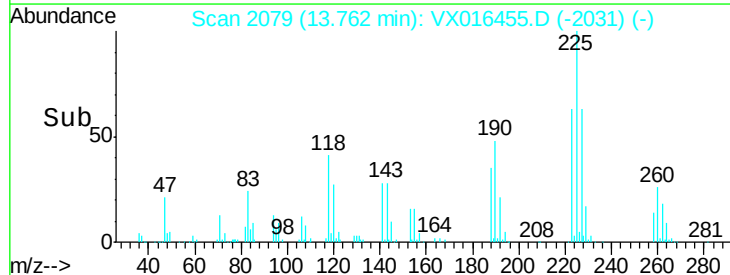
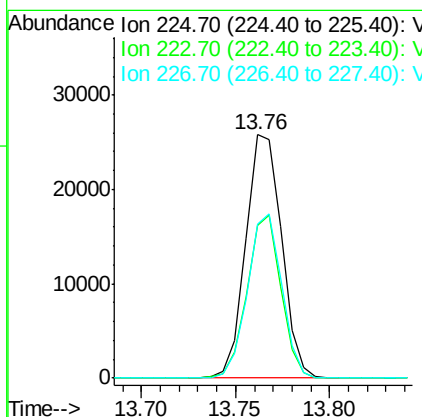
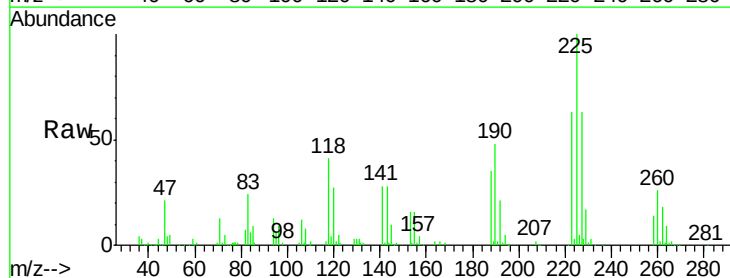
Manual Integrations  
 APPROVED

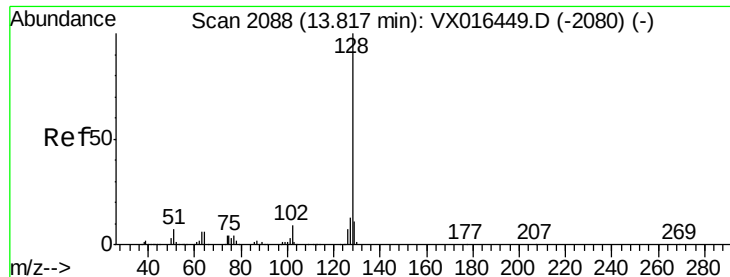
MMDadoda  
 5/28/2020 2:10:36 PM



#94  
 Hexachlorobutadiene  
 Concen: 19.842 ug/l  
 RT: 13.76 min Scan# 2079  
 Delta R.T. -0.01 min  
 Lab File: VX016455.D  
 Acq: 27 May 2020 19:07

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 34004 |       |       |
| 223     | 63.4  | 32.3  | 96.8  |       |
| 227     | 64.6  | 31.6  | 94.7  |       |





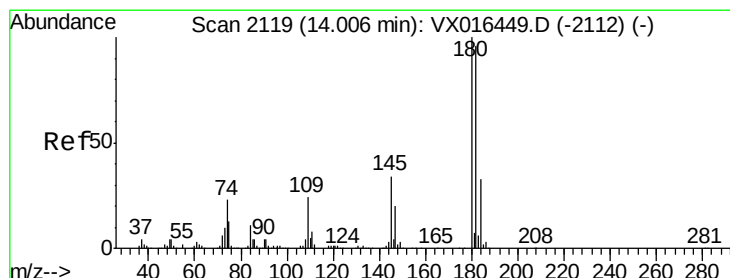
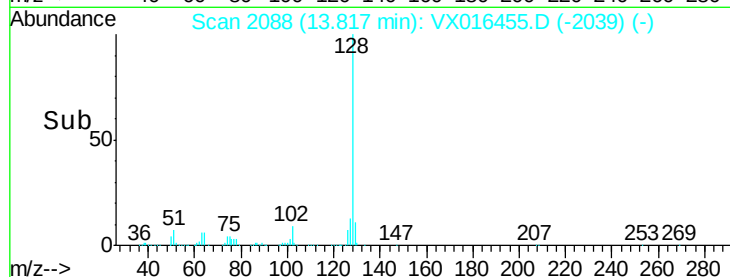
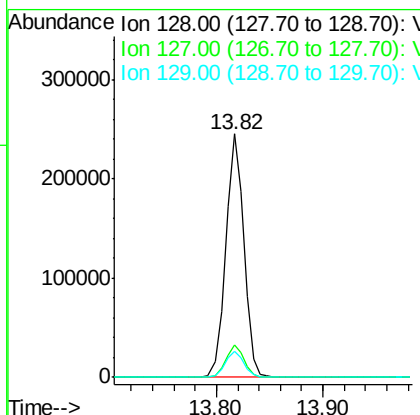
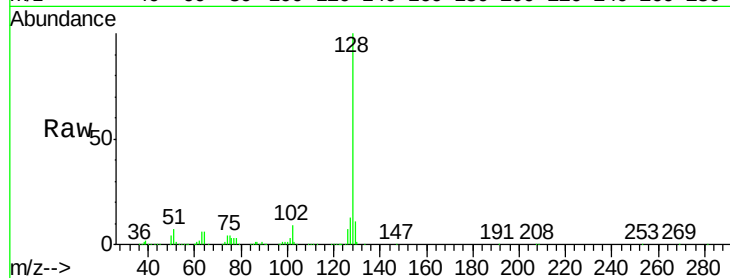
#95  
Naphthalene  
Concen: 19.454 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0527WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.3  | 10.6  | 15.8  |
| 129     | 11.1  | 8.6   | 13.0  |

Manual Integrations  
APPROVED

MMDadoda  
5/28/2020 2:10:36 PM



#96  
1,2,3-Trichlorobenzene  
Concen: 19.698 ug/l  
RT: 14.01 min Scan# 2119  
Delta R.T. -0.00 min  
Lab File: VX016455.D  
Acq: 27 May 2020 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.8  | 48.6  | 145.8 |
| 145     | 31.7  | 16.6  | 49.8  |

