

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080420\  
 Data File : VX017758.D  
 Acq On : 04 Aug 2020 09:22  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 05 01:43:33 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X072320W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 24 05:48:09 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.62  | 168  | 520882   | 50.00 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 770233   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 752124   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 384467   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 341963   | 51.11 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.22% |          |
| 35) Dibromofluoromethane    | 5.46  | 113  | 263952   | 51.24 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.48% |          |
| 50) Toluene-d8              | 8.70  | 98   | 943226   | 50.76 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.52% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 362511   | 48.74 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.48%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85   | 225043   | 46.497  | ug/l  | 97     |
| 3) Chloromethane              | 1.31 | 50   | 280370   | 43.593  | ug/l  | 99     |
| 4) Vinyl Chloride             | 1.39 | 62   | 281565   | 42.956  | ug/l  | 99     |
| 5) Bromomethane               | 1.62 | 94   | 169364   | 47.948  | ug/l  | 97     |
| 6) Chloroethane               | 1.70 | 64   | 178004   | 49.236  | ug/l  | 98     |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 487856   | 47.320  | ug/l  | 100    |
| 8) Diethyl Ether              | 2.17 | 74   | 166297   | 49.746  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101  | 260004   | 45.956  | ug/l  | 97     |
| 10) Methyl Iodide             | 2.49 | 142  | 322078   | 44.498  | ug/l  | 96     |
| 11) Tert butyl alcohol        | 3.01 | 59   | 301176   | 213.573 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 2.36 | 96   | 237852   | 44.209  | ug/l  | 96     |
| 13) Acrolein                  | 2.27 | 56   | 247404   | 230.125 | ug/l  | 100    |
| 14) Allyl chloride            | 2.70 | 41   | 462923   | 47.122  | ug/l  | 97     |
| 15) Acrylonitrile             | 3.11 | 53   | 657952   | 216.018 | ug/l  | 100    |
| 16) Acetone                   | 2.42 | 43   | 610931   | 207.452 | ug/l  | 97     |
| 17) Carbon Disulfide          | 2.55 | 76   | 651122   | 39.817  | ug/l  | 100    |
| 18) Methyl Acetate            | 2.75 | 43   | 355399   | 51.242  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 3.16 | 73   | 828591   | 44.496  | ug/l  | 98     |
| 20) Methylene Chloride        | 2.83 | 84   | 273306   | 49.257  | ug/l  | 99     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96   | 252896   | 43.878  | ug/l  | 97     |
| 22) Diisopropyl ether         | 3.82 | 45   | 912668   | 50.809  | ug/l  | 99     |
| 23) Vinyl Acetate             | 3.78 | 43   | 3667501  | 228.988 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 3.67 | 63   | 468445   | 45.271  | ug/l  | 99     |
| 25) 2-Butanone                | 4.63 | 43   | 942104   | 225.191 | ug/l  | 97     |
| 26) 2,2-Dichloropropane       | 4.54 | 77   | 468429   | 50.572  | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96   | 288191   | 46.035  | ug/l  | 100    |
| 28) Bromochloromethane        | 4.98 | 49   | 214763   | 45.800  | ug/l  | 95     |
| 29) Tetrahydrofuran           | 5.08 | 42   | 612382   | 236.312 | ug/l  | 99     |
| 30) Chloroform                | 5.17 | 83   | 512740   | 48.495  | ug/l  | 99     |
| 31) Cyclohexane               | 5.54 | 56   | 378546   | 45.875  | ug/l  | 93     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97   | 486170   | 48.763  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 5.76 | 75   | 374548   | 50.702  | ug/l  | 99     |
| 37) Ethyl Acetate             | 4.79 | 43   | 366978   | 45.403  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 5.75 | 117  | 457980   | 51.052  | ug/l  | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080420\  
 Data File : VX017758.D  
 Acq On : 04 Aug 2020 09:22  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 05 01:43:33 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X072320W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 24 05:48:09 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 398078   | 46.161  | ug/l   | 99       |
| 40) Benzene                    | 6.10  | 78   | 1013284  | 47.844  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.00  | 41   | 202982   | 43.813  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 448263   | 51.736  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.41  | 43   | 677506   | 50.803  | ug/l   | 100      |
| 44) Trichloroethene            | 7.19  | 130  | 316734   | 51.174  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 275662   | 46.952  | ug/l   | 100      |
| 46) Dibromomethane             | 7.63  | 93   | 194442   | 46.863  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.87  | 83   | 450327   | 53.940  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.74  | 41   | 306794   | 46.409  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 7.71  | 88   | 110390   | 870.992 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 1916654  | 240.872 | ug/l   | 100      |
| 52) Toluene                    | 8.76  | 92   | 681922   | 50.206  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 470961   | 50.393  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 485890   | 50.972  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 287178   | 50.755  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 430284   | 50.477  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 472051   | 50.667  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 1054951  | 234.902 | ug/l   | 98       |
| 59) 2-Hexanone                 | 9.47  | 43   | 1514542  | 252.810 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.56  | 129  | 370351   | 51.498  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 316858   | 52.600  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.32  | 164  | 341172   | 50.540  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.12 | 112  | 793462   | 48.739  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 326122   | 49.635  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.23 | 91   | 1358641  | 49.995  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.34 | 106  | 1048239  | 99.569  | ug/l   | 97       |
| 69) o-Xylene                   | 10.68 | 106  | 467944   | 46.215  | ug/l   | 99       |
| 70) Styrene                    | 10.70 | 104  | 824197   | 47.842  | ug/l   | 99       |
| 71) Bromoform                  | 10.84 | 173  | 254962   | 44.790  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.00 | 105  | 1311041  | 49.707  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.88 | 43   | 519715   | 44.349  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 368106   | 44.713  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 461321   | 58.331  | ug/l   | 81       |
| 77) Bromobenzene               | 11.24 | 156  | 349452   | 47.327  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.34 | 91   | 1528363  | 51.379  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 896813   | 48.668  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 1136825  | 50.482  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 143973   | 45.871  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 1066972  | 49.086  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 1053779  | 48.904  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 1142832  | 51.023  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 1268601  | 50.539  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 1200490  | 50.221  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 606428   | 47.826  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 623681   | 47.487  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.37 | 91   | 1057399  | 49.643  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.58 | 117  | 226296   | 48.018  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 597619   | 47.955  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 96859    | 42.036  | ug/l   | 100      |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080420\  
Data File : VX017758.D  
Acq On : 04 Aug 2020 09:22  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 2 Sample Multiplier: 1

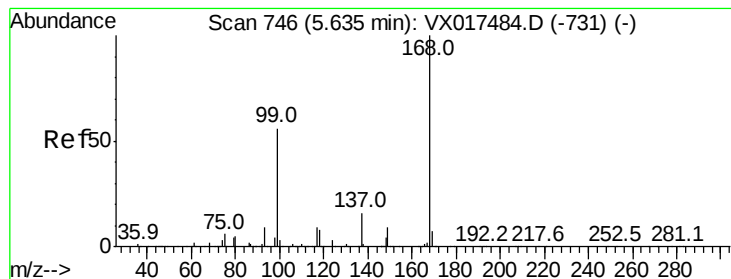
Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Aug 05 01:43:33 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X072320W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 24 05:48:09 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 428627   | 50.396 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 177362   | 45.302 | ug/l  | 95       |
| 95) Naphthalene            | 13.82 | 128  | 1261923  | 49.702 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 430899   | 51.310 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA\_X

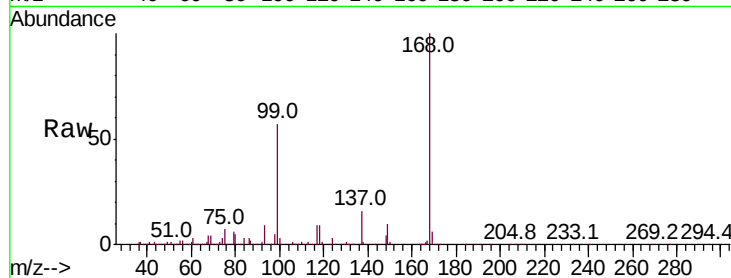
ClientSampleId :

Tot Ion:168 Resp: 520882

Ion Ratio Lower Upper

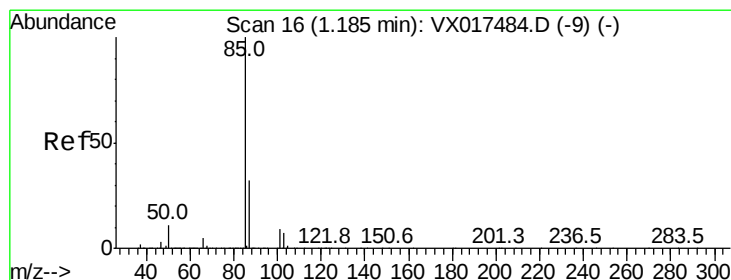
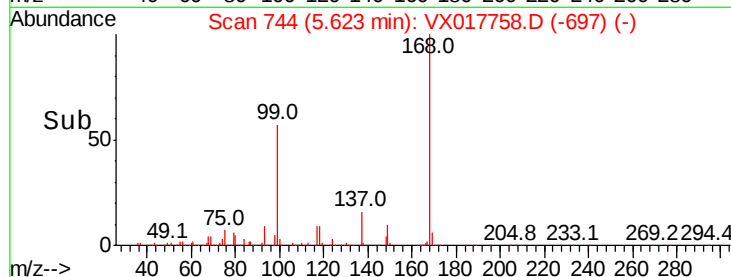
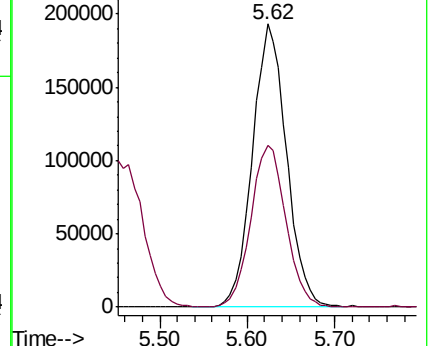
168 100

99 57.0 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.497 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017758.D

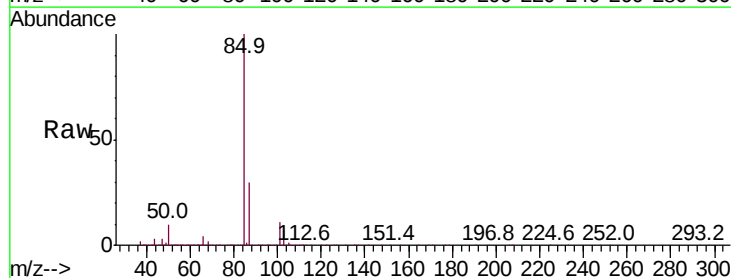
Acq: 04 Aug 2020 09:22

Tgt Ion: 85 Resp: 225043

Ion Ratio Lower Upper

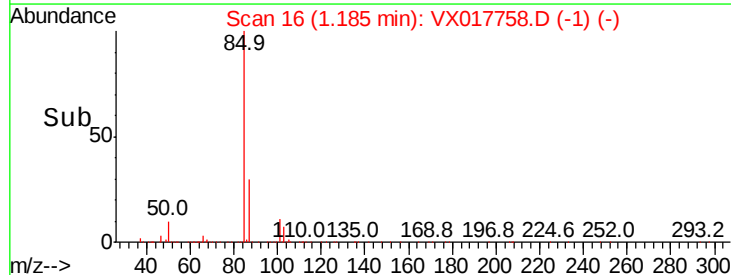
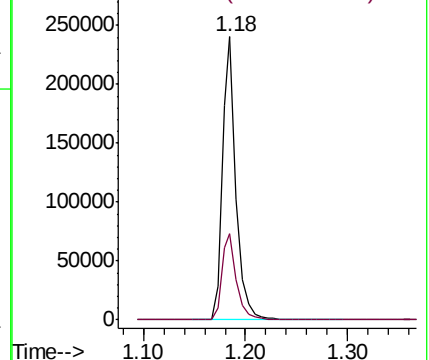
85 100

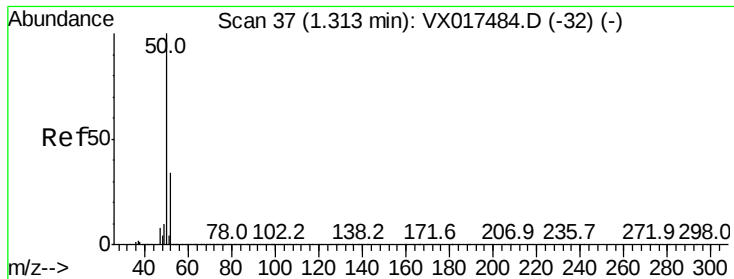
87 30.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.593 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

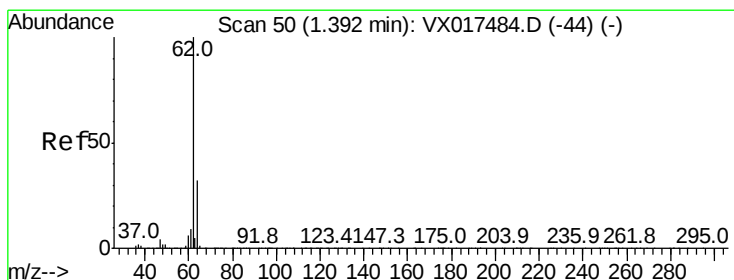
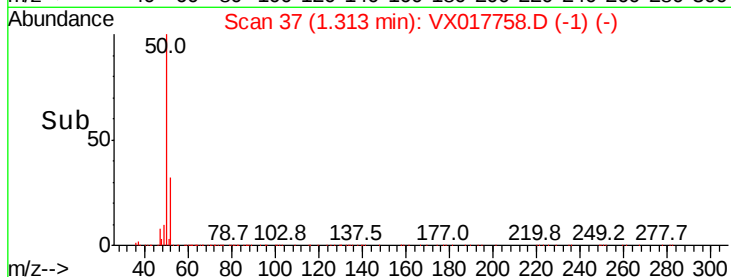
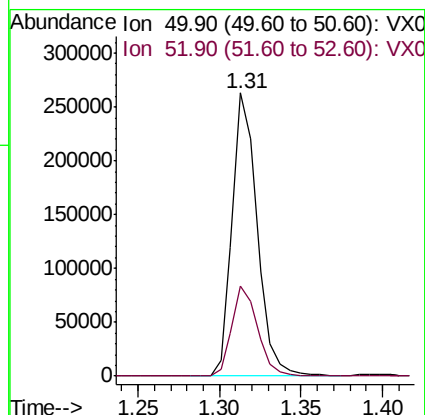
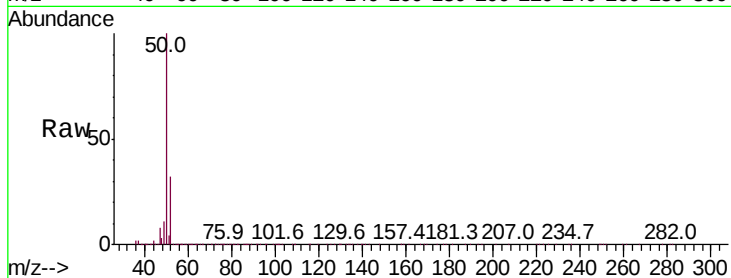
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 50 Resp: 280370

Ion Ratio Lower Upper

50 100

52 31.8 25.9 38.9



#4

Vinyl Chloride

Concen: 42.956 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017758.D

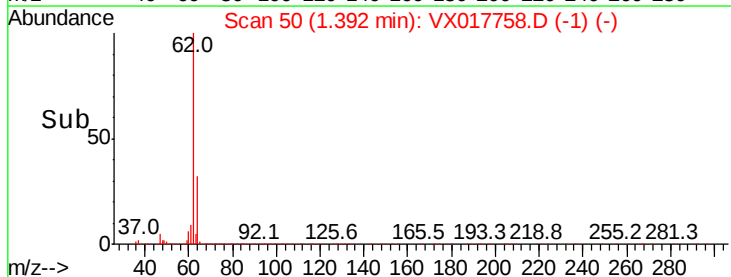
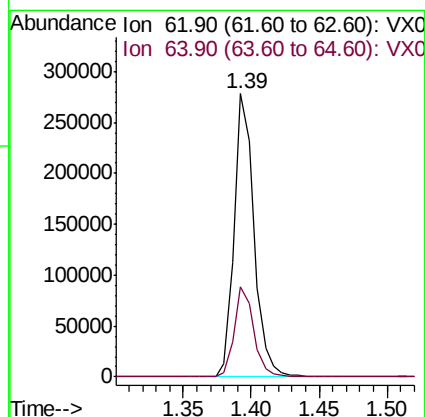
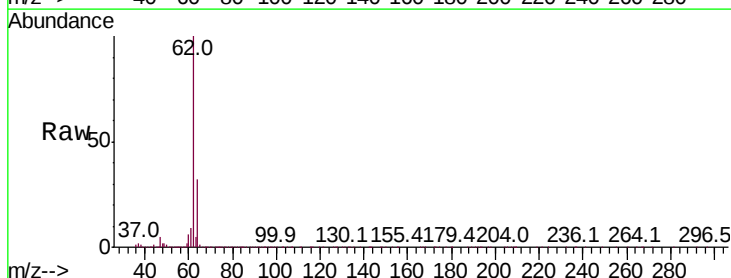
Acq: 04 Aug 2020 09:22

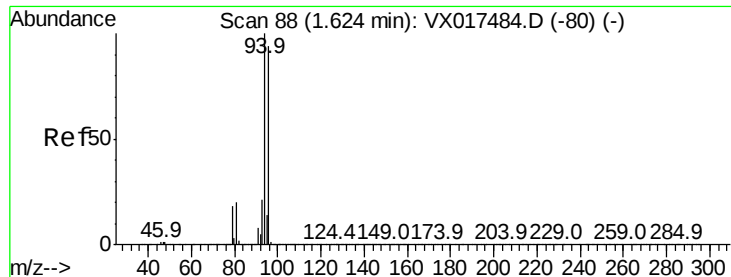
Tgt Ion: 62 Resp: 281565

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8

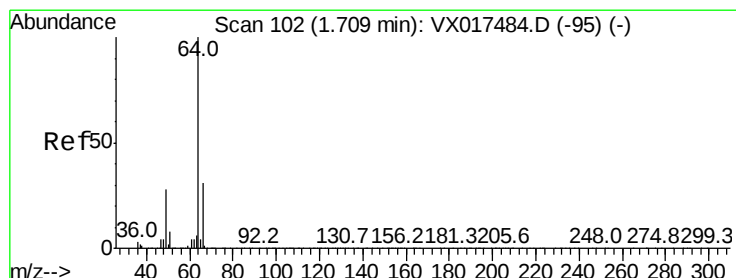
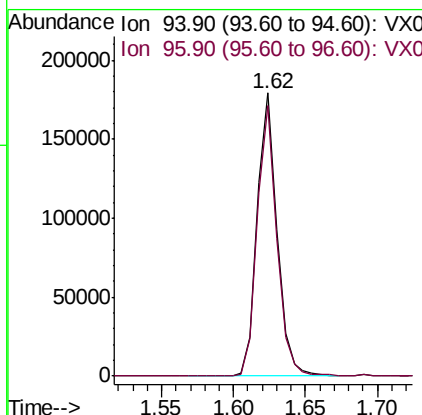
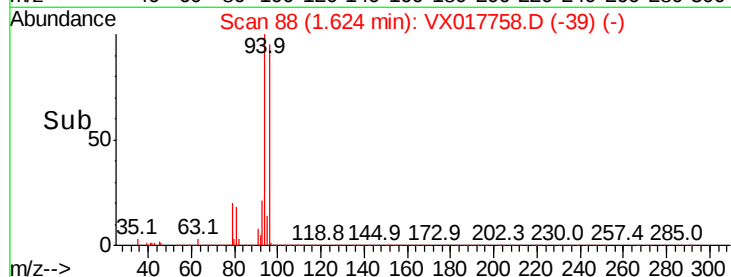
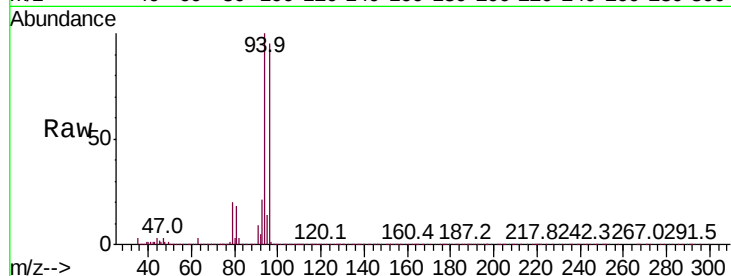




#5  
Bromomethane  
Concen: 47.948 ug/l  
RT: 1.62 min Scan# 88  
Delta R.T. 0.00 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

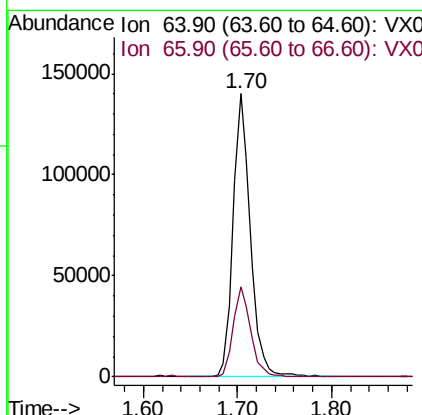
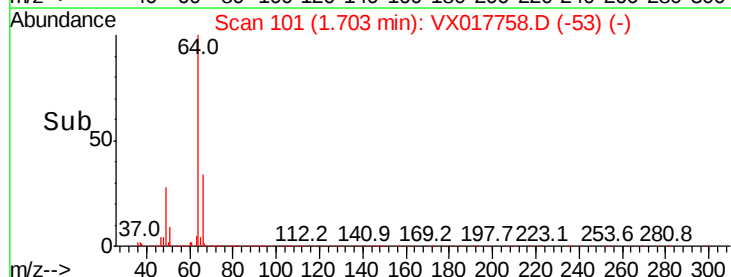
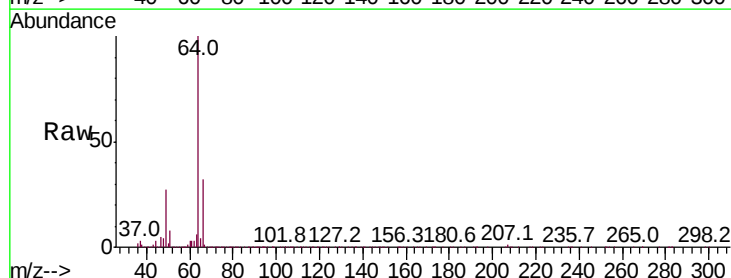
Instrument :  
MSVOA\_X  
ClientSampleId :

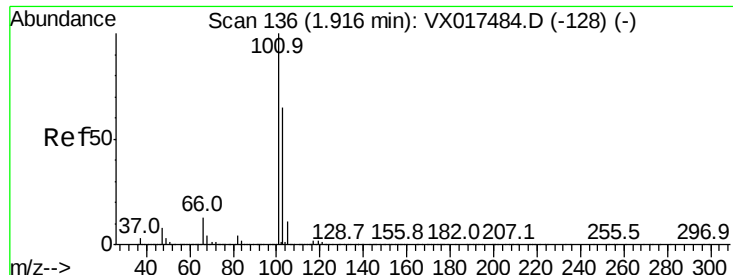
Tot Ion: 94 Resp: 169364  
Ion Ratio Lower Upper  
94 100  
96 95.4 74.1 111.1



#6  
Chloroethane  
Concen: 49.236 ug/l  
RT: 1.70 min Scan# 101  
Delta R.T. -0.01 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

Tgt Ion: 64 Resp: 178004  
Ion Ratio Lower Upper  
64 100  
66 32.0 24.9 37.3



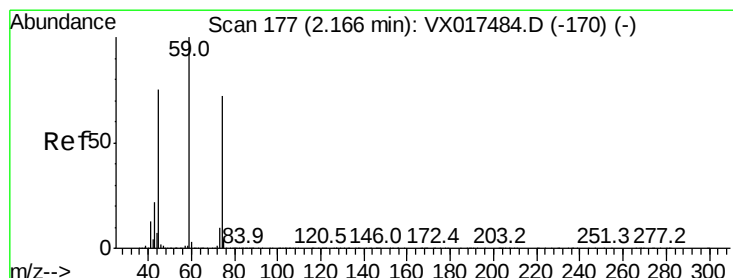
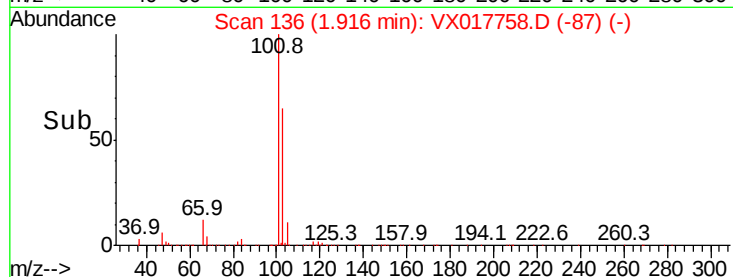
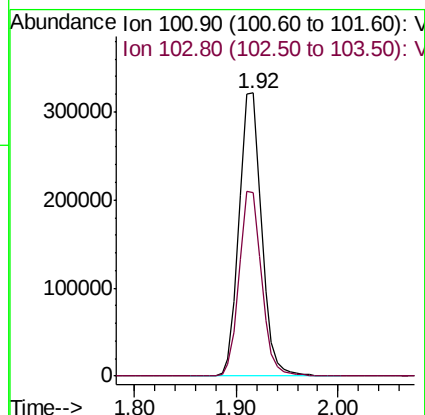
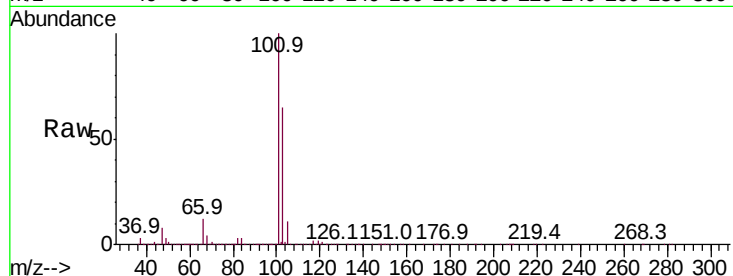


#7

Trichlorofluoromethane  
Concen: 47.320 ug/l  
RT: 1.92 min Scan# 136  
Delta R.T. 0.00 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

Instrument :  
MSVOA\_X  
ClientSampleId :

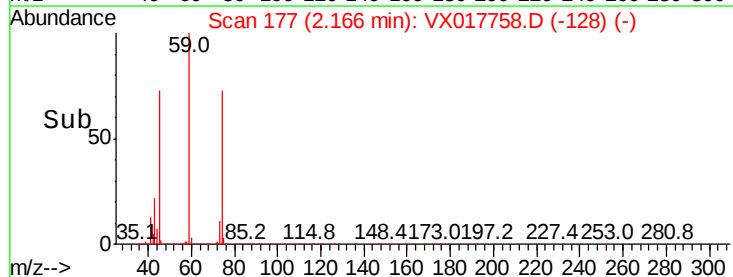
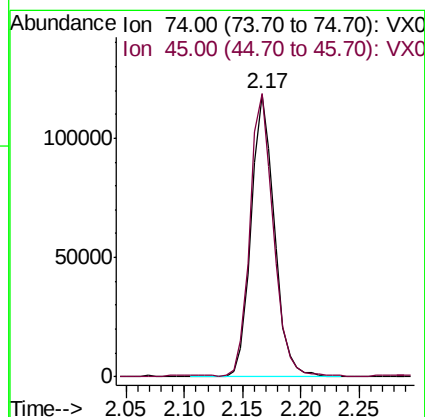
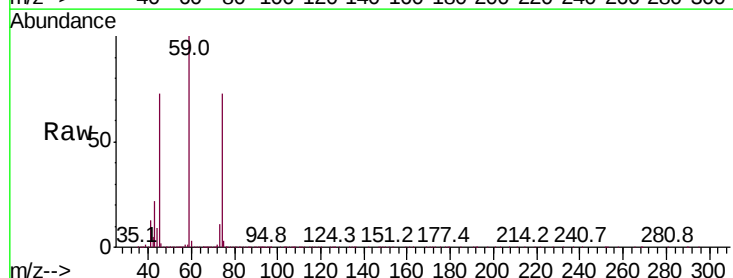
Tot Ion:101 Resp: 487856  
Ion Ratio Lower Upper  
101 100  
103 64.6 51.8 77.8

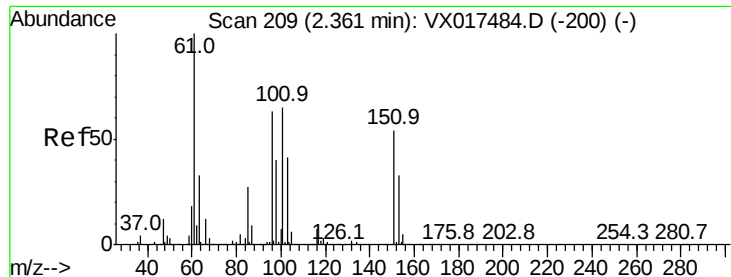


#8

Diethyl Ether  
Concen: 49.746 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. 0.00 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

Tgt Ion: 74 Resp: 166297  
Ion Ratio Lower Upper  
74 100  
45 100.5 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.956 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA\_X

ClientSampleId :

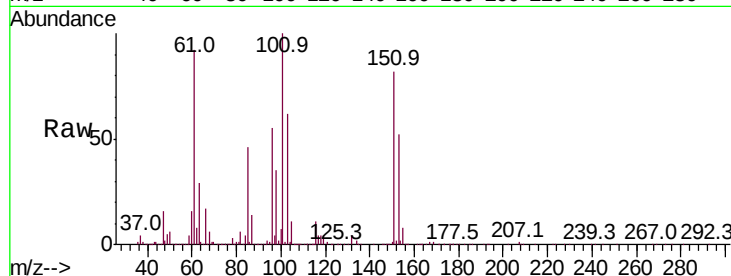
Tot Ion:101 Resp: 260004

Ion Ratio Lower Upper

101 100

85 44.3 34.8 52.2

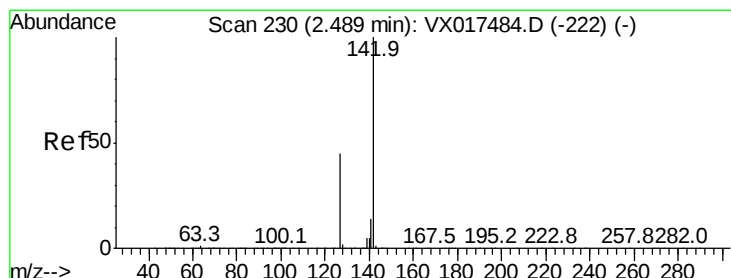
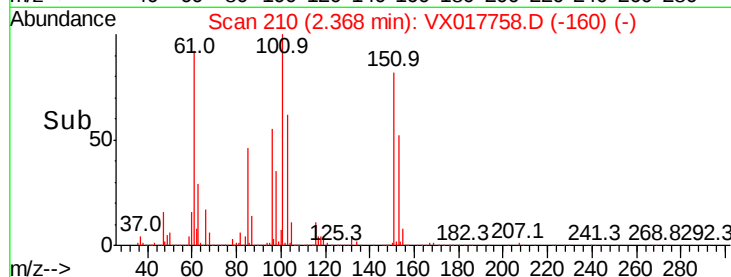
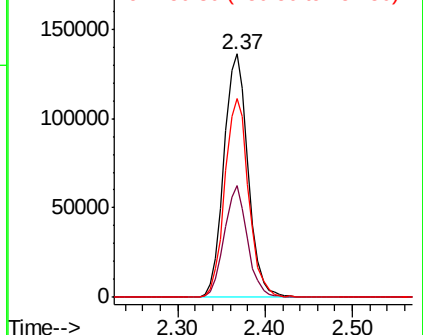
151 81.0 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.498 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

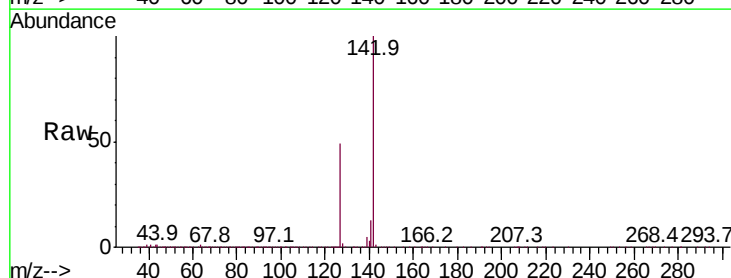
Tgt Ion:142 Resp: 322078

Ion Ratio Lower Upper

142 100

127 48.1 35.9 53.9

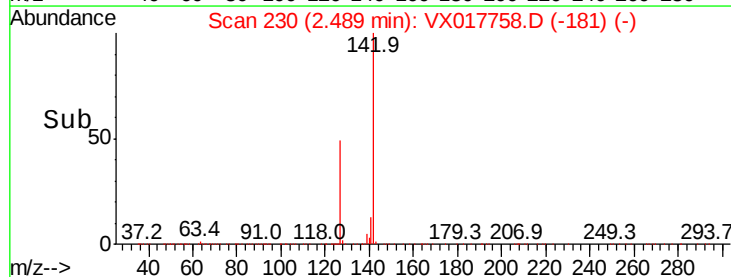
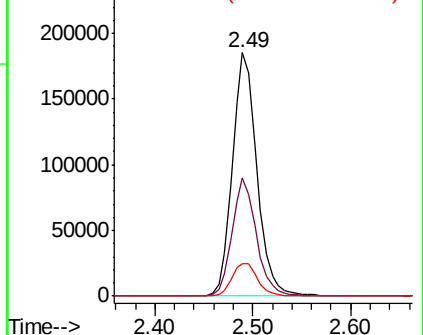
141 14.2 11.4 17.0

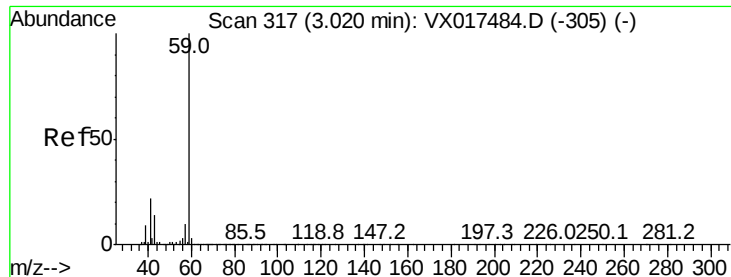


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



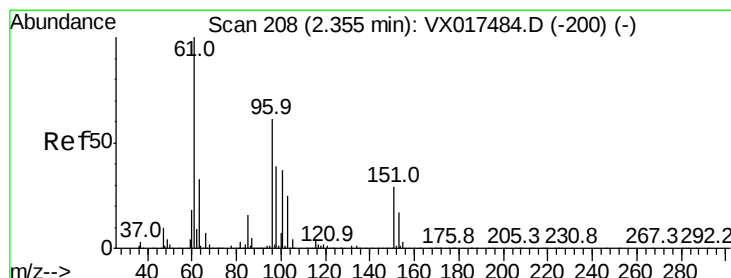
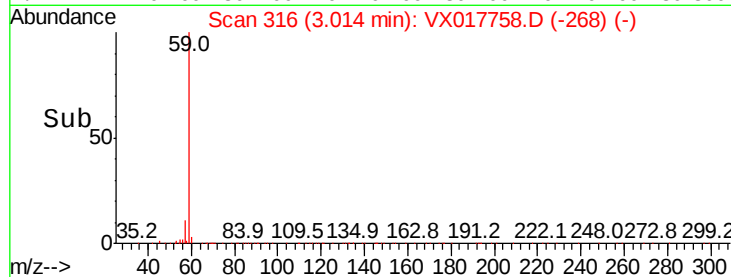
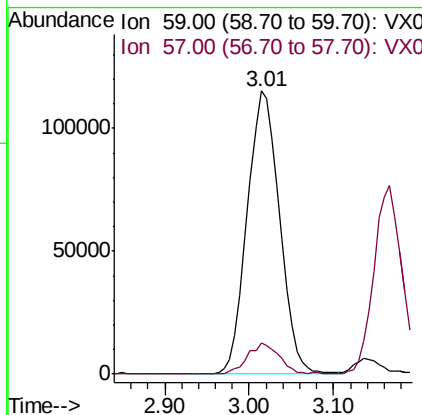
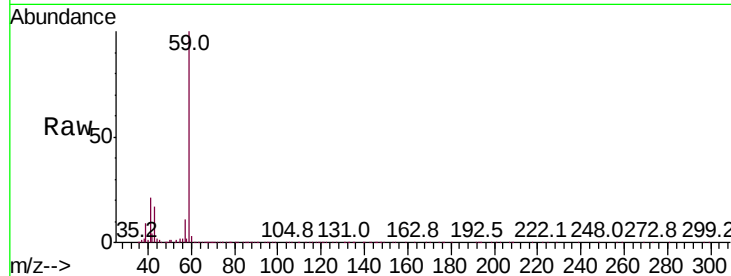


#11

Tert butyl alcohol  
Concen: 213.573 ug/l  
RT: 3.01 min Scan# 316  
Delta R.T. -0.01 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

Instrument :  
MSVOA\_X  
ClientSampleId :

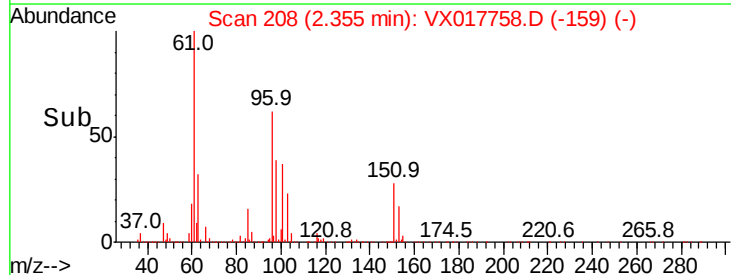
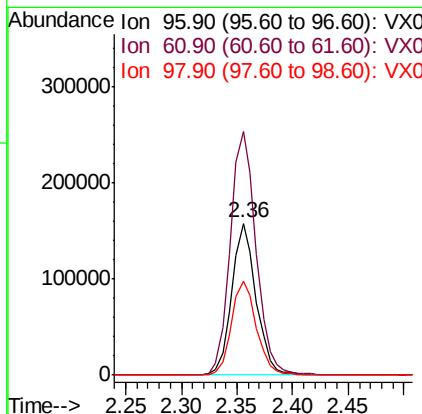
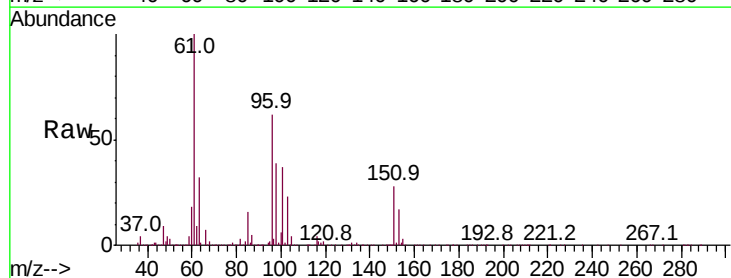
Tot Ion: 59 Resp: 301176  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.6 12.8

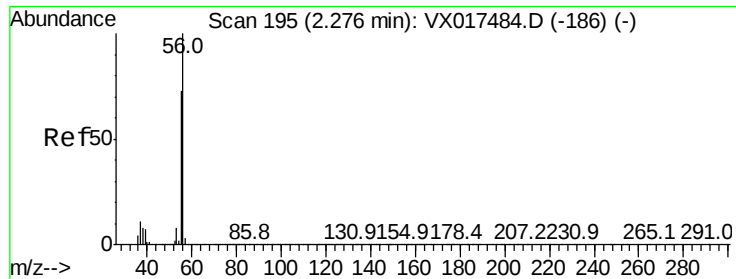


#12

1,1-Dichloroethene  
Concen: 44.209 ug/l  
RT: 2.36 min Scan# 208  
Delta R.T. 0.00 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

Tgt Ion: 96 Resp: 237852  
Ion Ratio Lower Upper  
96 100  
61 160.4 134.0 201.0  
98 62.4 51.0 76.4





#13

Acrolein

Concen: 230.125 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

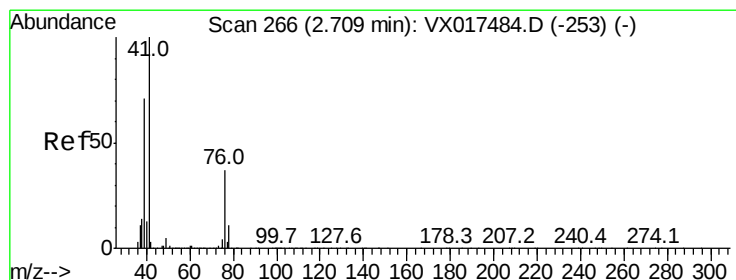
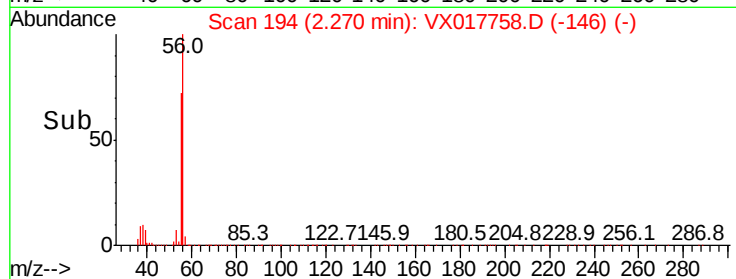
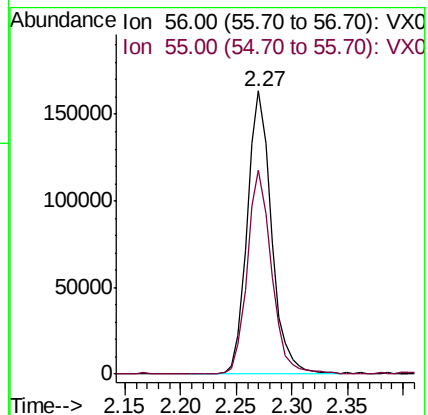
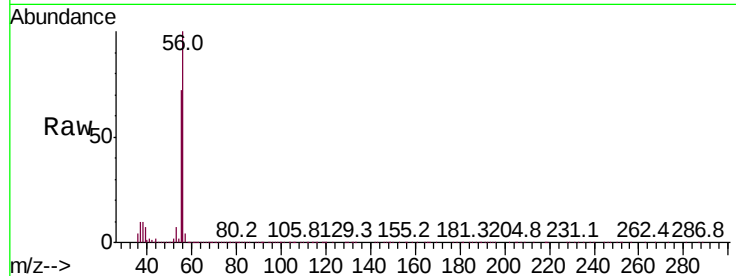
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 56 Resp: 247404

Ion Ratio Lower Upper

56 100

55 72.2 57.4 86.2



#14

Allyl chloride

Concen: 47.122 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

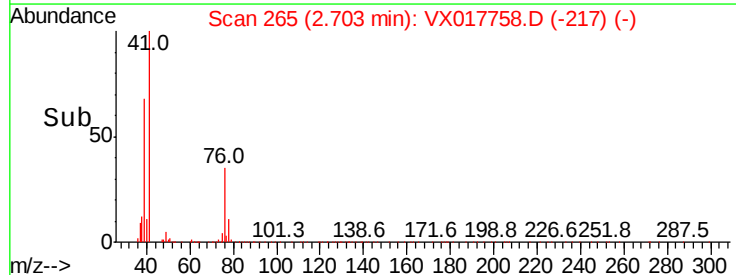
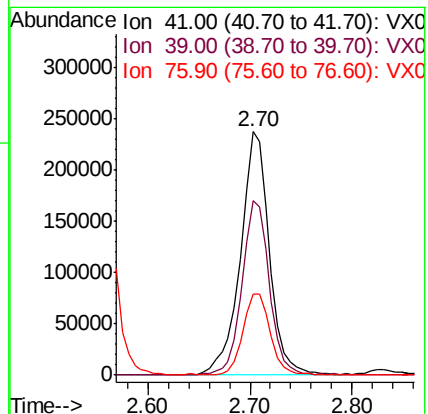
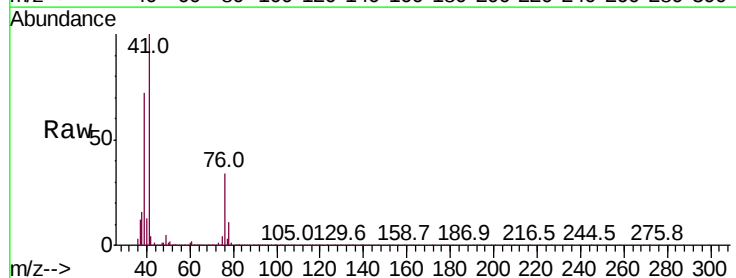
Tgt Ion: 41 Resp: 462923

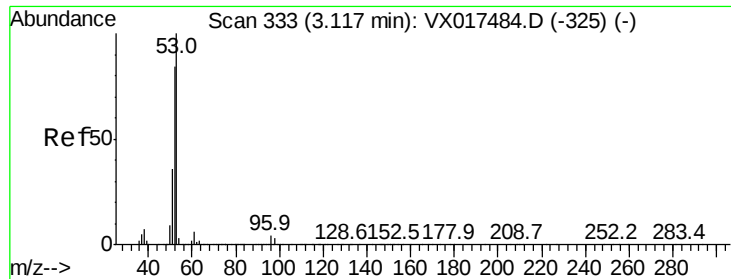
Ion Ratio Lower Upper

41 100

39 67.7 51.9 77.9

76 31.4 25.5 38.3

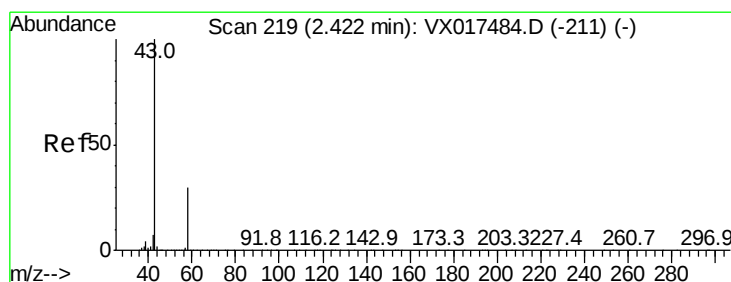
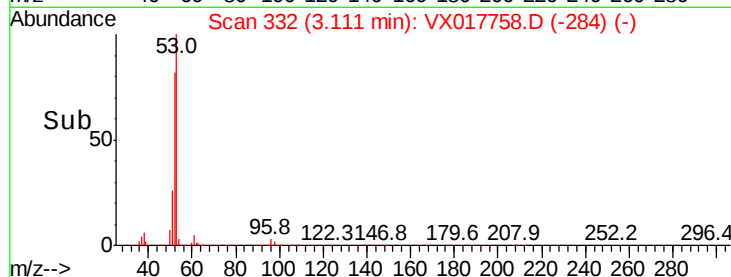
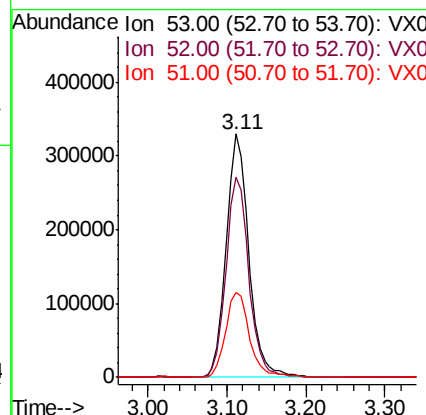
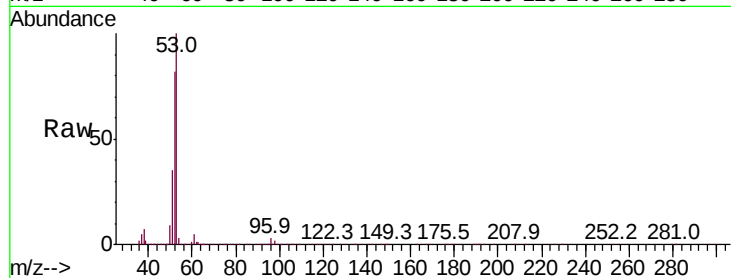




#15  
 Acrylonitrile  
 Concen: 216.018 ug/l  
 RT: 3.11 min Scan# 332  
 Delta R.T. -0.01 min  
 Lab File: VX017758.D  
 Acq: 04 Aug 2020 09:22

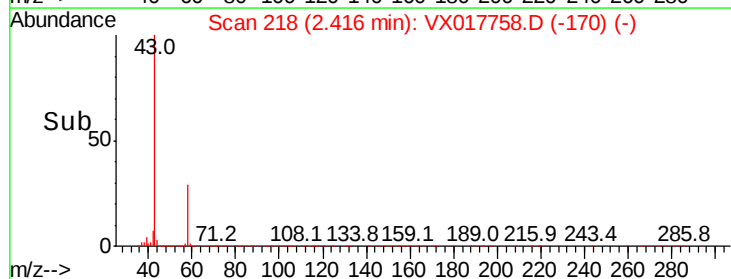
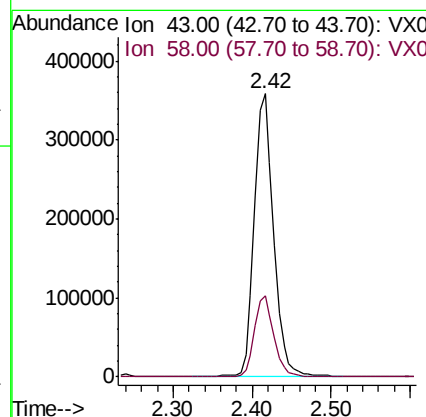
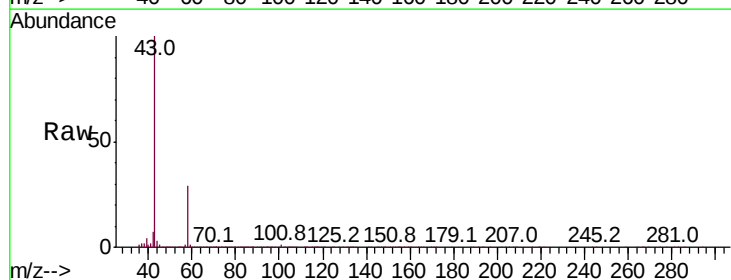
Instrument :  
 MSVOA\_X  
 ClientSampleId :

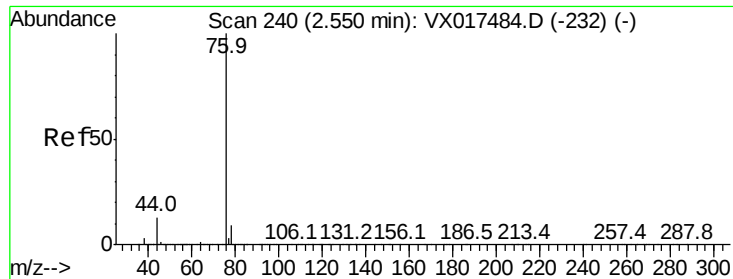
| Tot Ion | 53    | Resp  | 657952 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 53      | 100   |       |        |
| 52      | 83.3  | 66.6  | 99.8   |
| 51      | 37.1  | 29.4  | 44.2   |



#16  
 Acetone  
 Concen: 207.452 ug/l  
 RT: 2.42 min Scan# 218  
 Delta R.T. -0.01 min  
 Lab File: VX017758.D  
 Acq: 04 Aug 2020 09:22

| Tgt Ion | 43    | Resp  | 610931 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 43      | 100   |       |        |
| 58      | 28.4  | 24.2  | 36.4   |

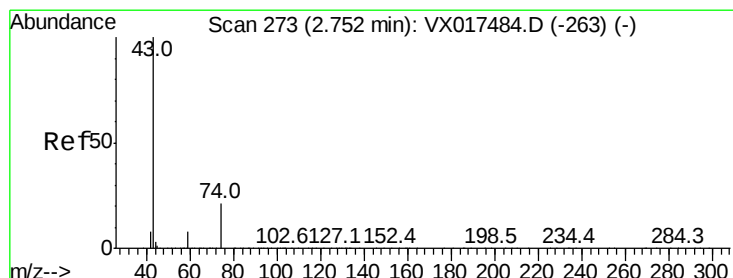
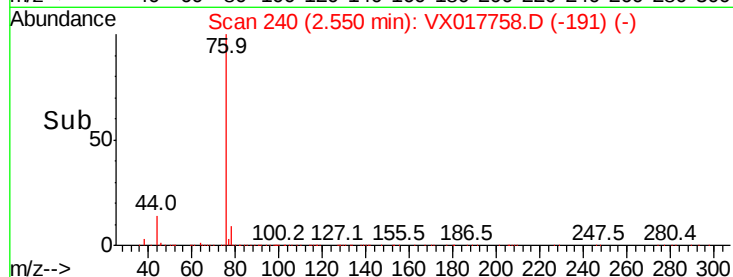
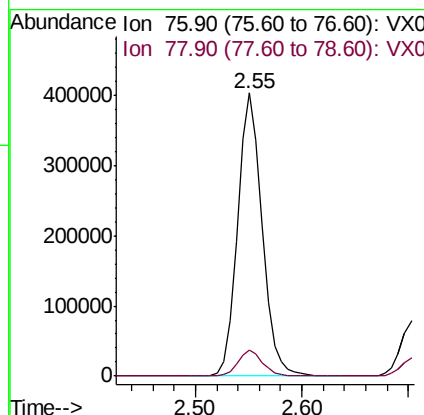
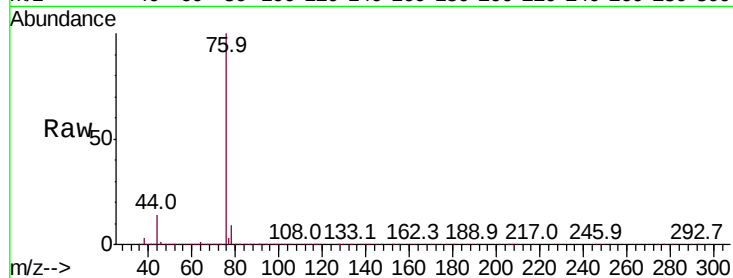




#17  
Carbon Disulfide  
Concen: 39.817 ug/l  
RT: 2.55 min Scan# 240  
Delta R.T. 0.00 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

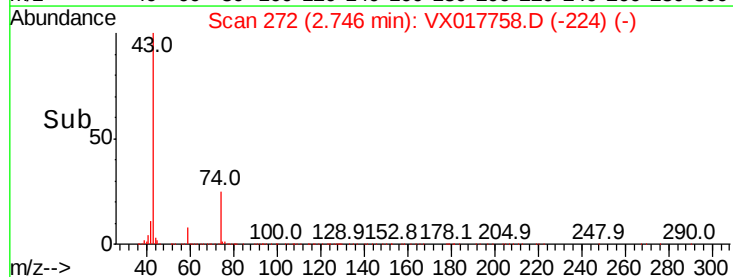
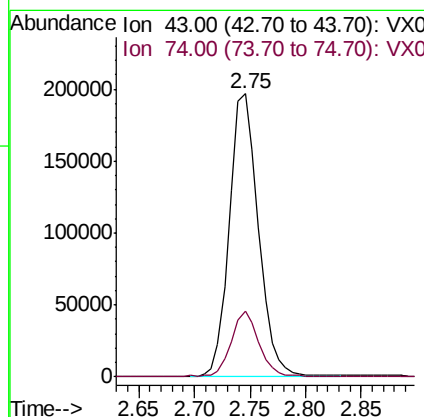
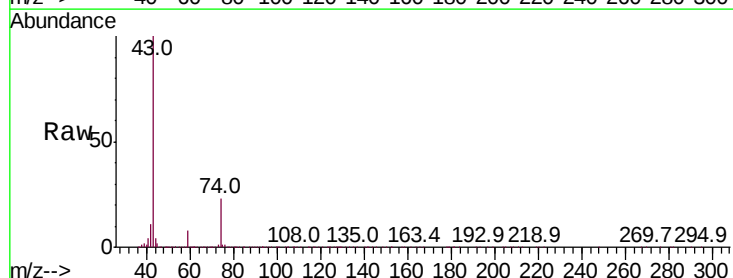
Instrument :  
MSVOA\_X  
ClientSampleId :

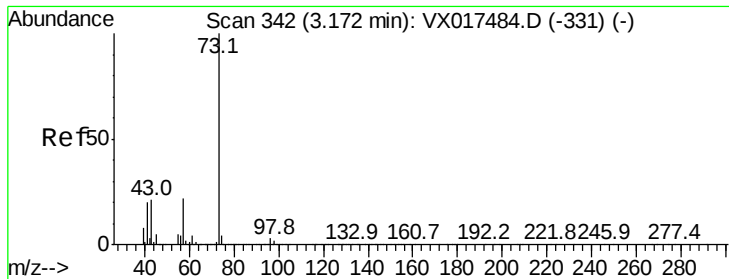
Tot Ion: 76 Resp: 651122  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.5 11.3



#18  
Methyl Acetate  
Concen: 51.242 ug/l  
RT: 2.75 min Scan# 272  
Delta R.T. -0.01 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

Tgt Ion: 43 Resp: 355399  
Ion Ratio Lower Upper  
43 100  
74 22.5 17.5 26.3

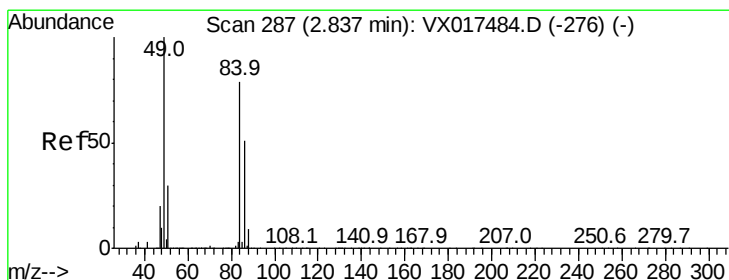
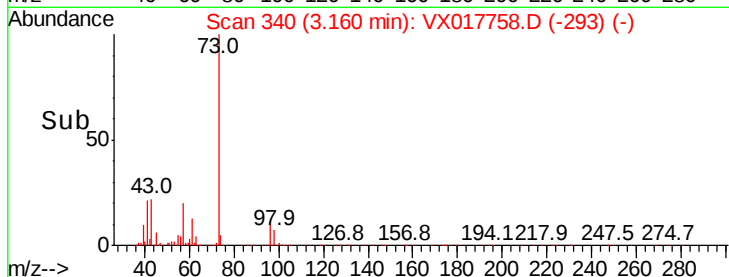
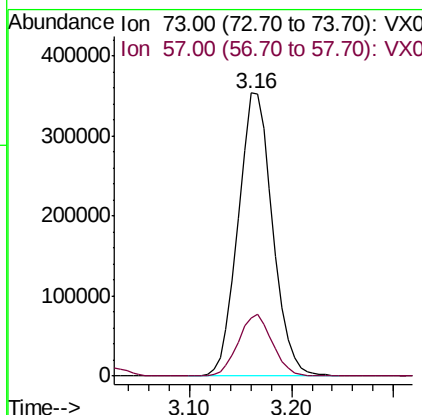
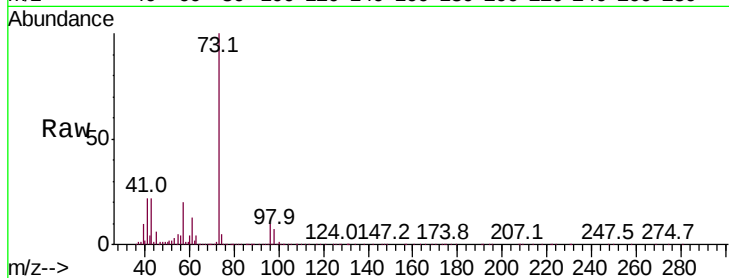




#19  
Methvl tert-butvl Ether  
Concen: 44.496 ug/l  
RT: 3.16 min Scan# 340  
Delta R.T. -0.01 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

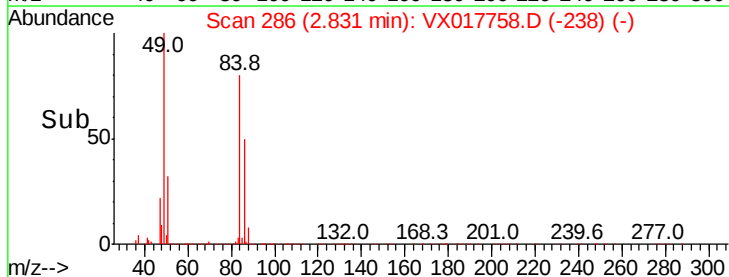
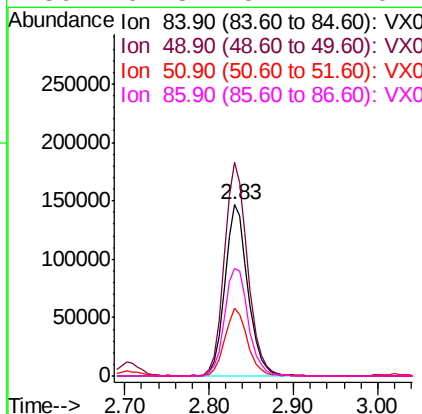
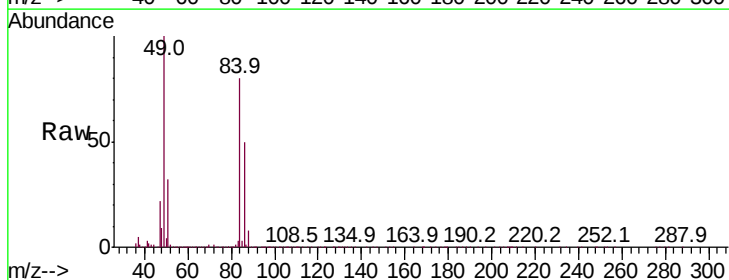
Instrument :  
MSVOA\_X  
ClientSampleId :

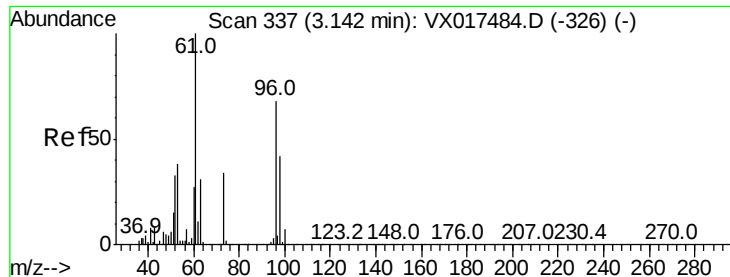
Tot Ion: 73 Resp: 828591  
Ion Ratio Lower Upper  
73 100  
57 20.4 17.0 25.4



#20  
Methylene Chloride  
Concen: 49.257 ug/l  
RT: 2.83 min Scan# 286  
Delta R.T. -0.01 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

Tgt Ion: 84 Resp: 273306  
Ion Ratio Lower Upper  
84 100  
49 124.6 100.3 150.5  
51 39.6 30.5 45.7  
86 62.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 43.878 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA\_X

ClientSampleId :

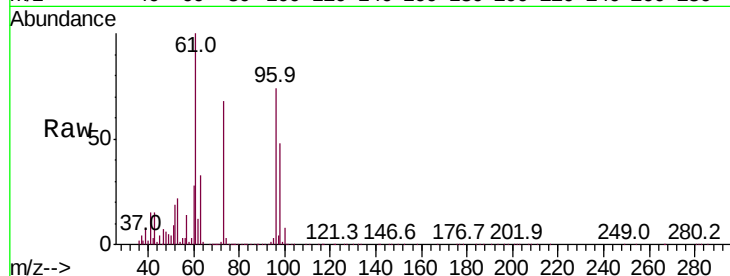
Tot Ion: 96 Resp: 252896

Ion Ratio Lower Upper

96 100

61 135.8 113.0 169.4

98 65.3 51.8 77.8

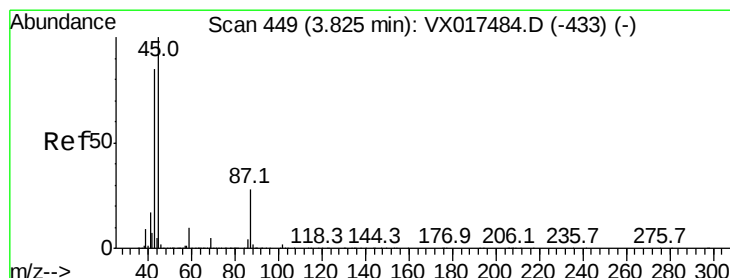
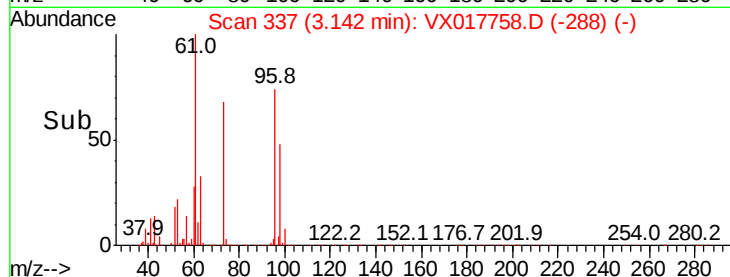
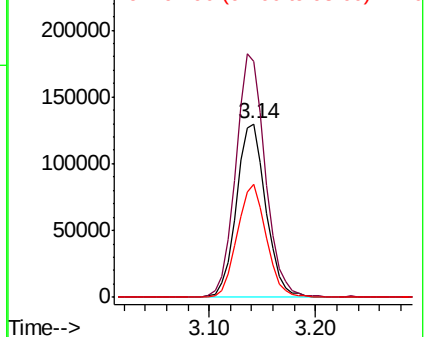


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.809 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Tgt Ion: 45 Resp: 912668

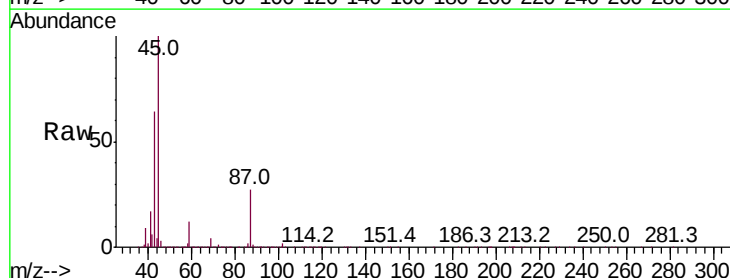
Ion Ratio Lower Upper

45 100

43 64.1 52.0 78.0

87 27.1 22.2 33.4

59 11.9 8.9 13.3



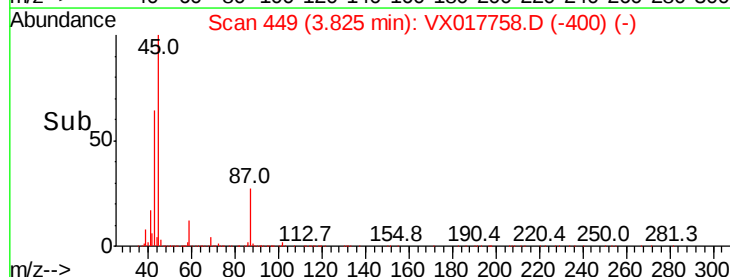
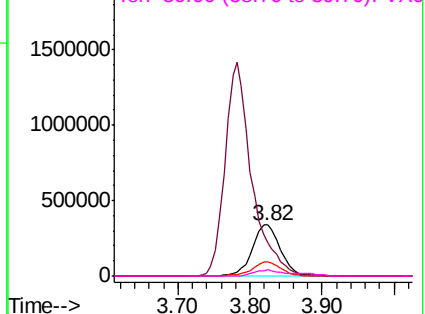
Abundance

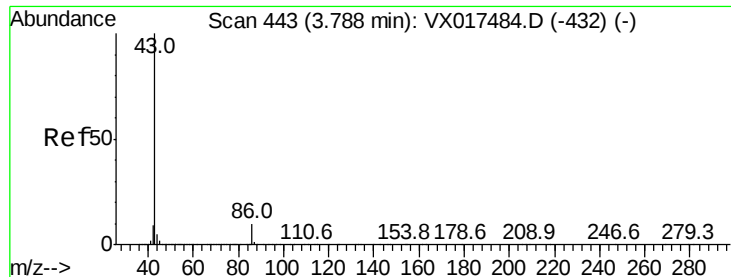
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 228.988 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA\_X

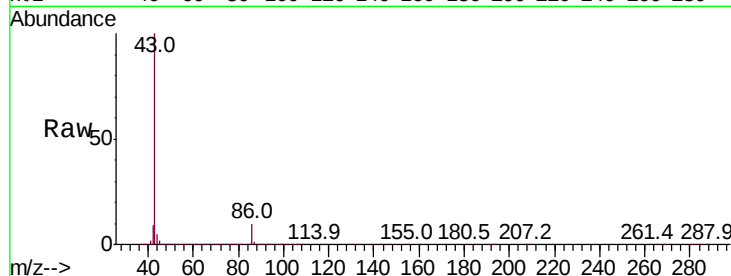
ClientSampled :

Tot Ion: 43 Resp: 3667501

Ion Ratio Lower Upper

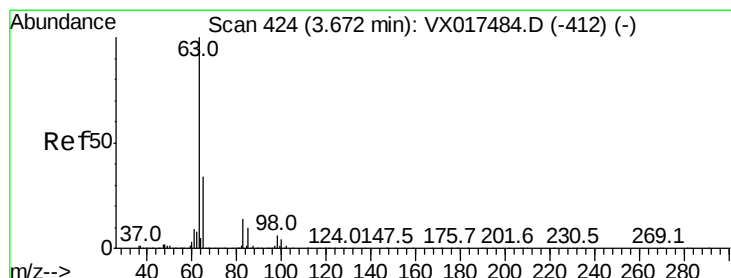
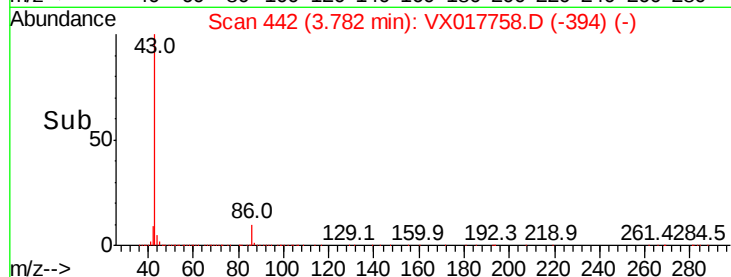
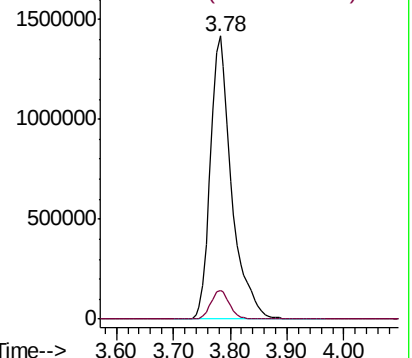
43 100

86 10.3 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.271 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

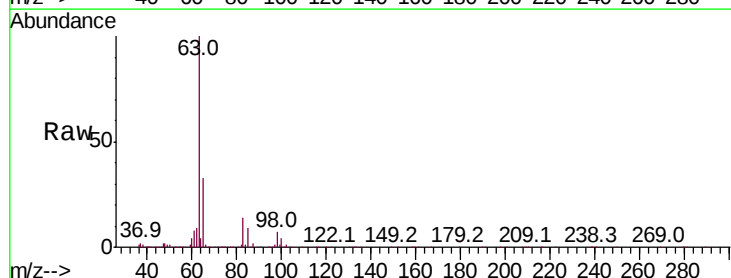
Tgt Ion: 63 Resp: 468445

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

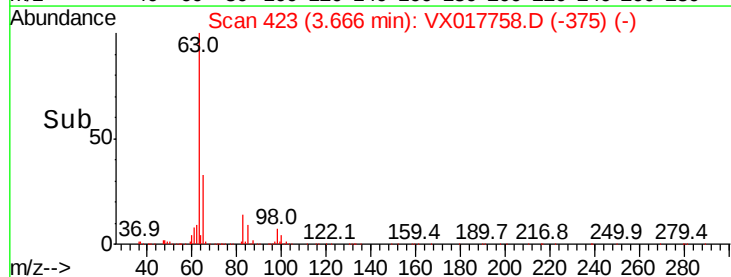
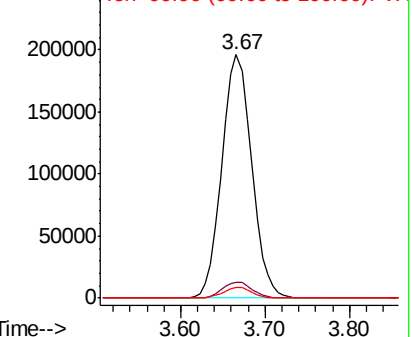
100 4.2 1.9 5.7

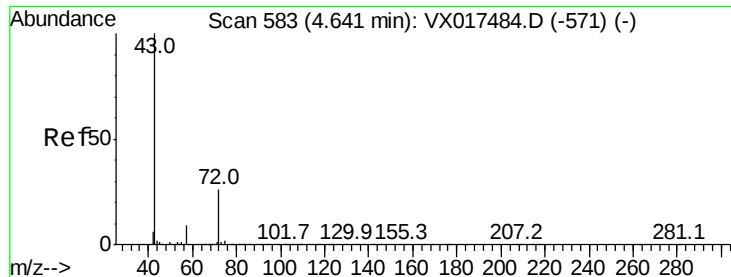


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 225.191 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA\_X

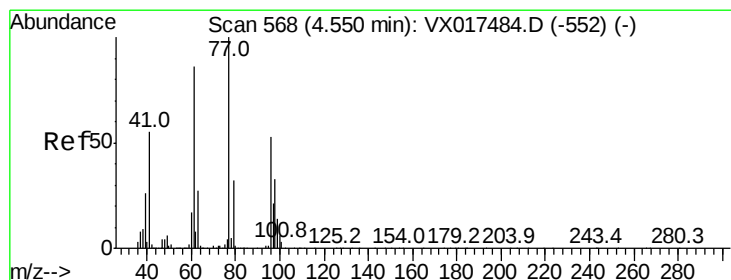
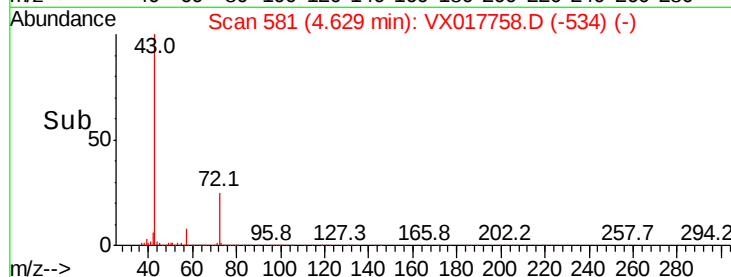
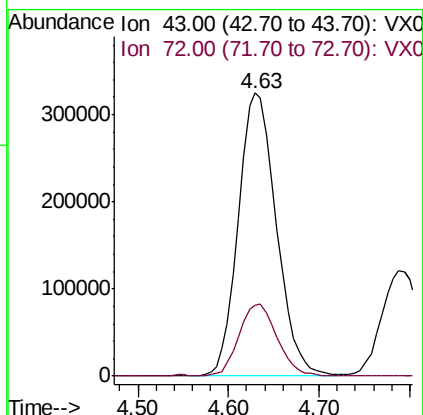
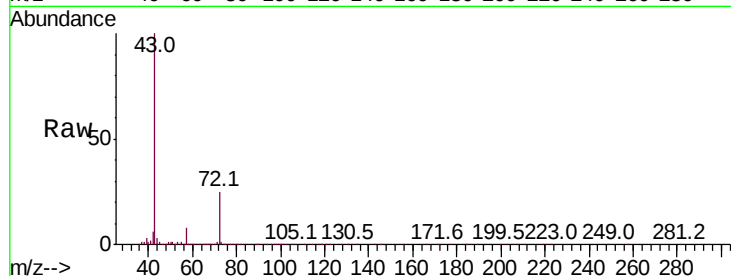
ClientSampleId :

Tot Ion: 43 Resp: 942104

Ion Ratio Lower Upper

43 100

72 25.0 19.0 28.4



#26

2,2-Dichloropropane

Concen: 50.572 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX017758.D

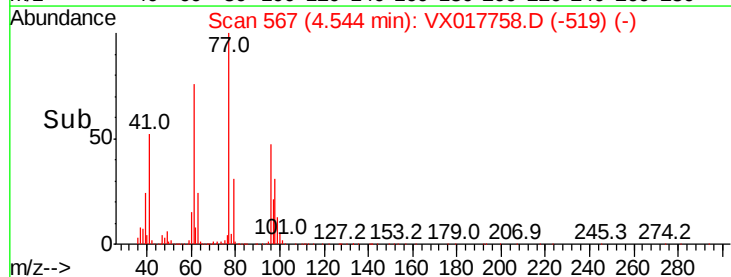
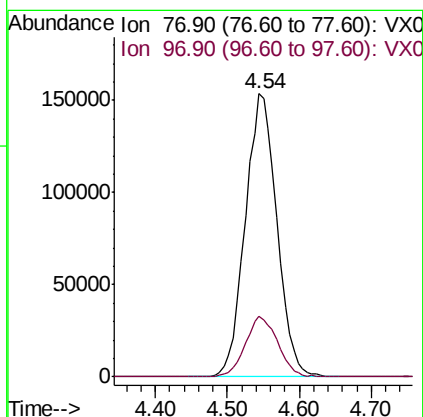
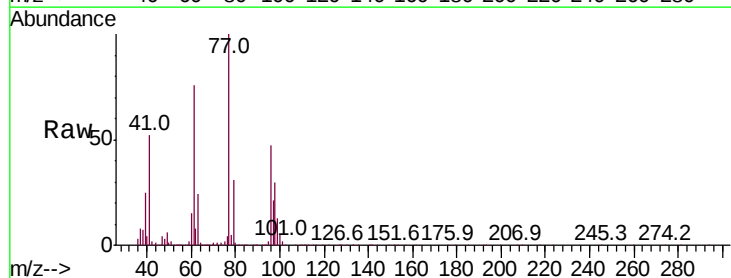
Acq: 04 Aug 2020 09:22

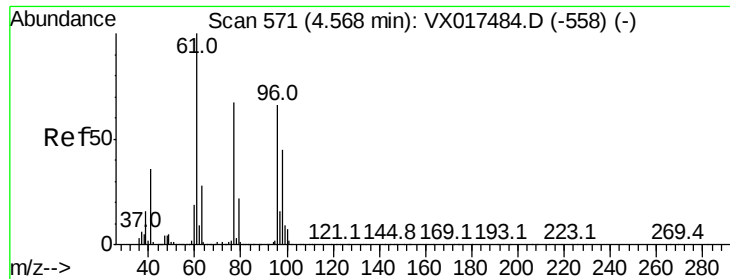
Tgt Ion: 77 Resp: 468429

Ion Ratio Lower Upper

77 100

97 21.9 10.9 32.9



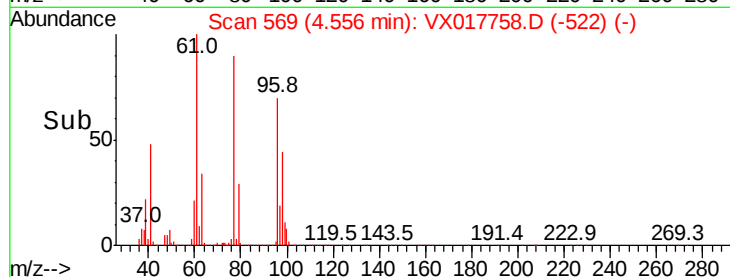
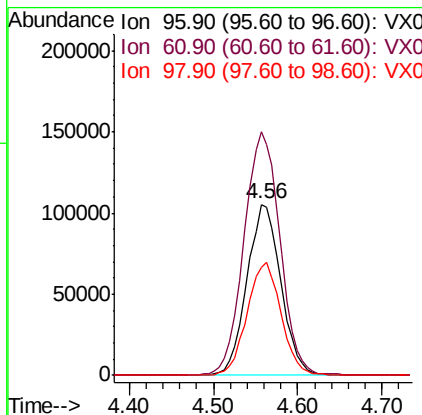
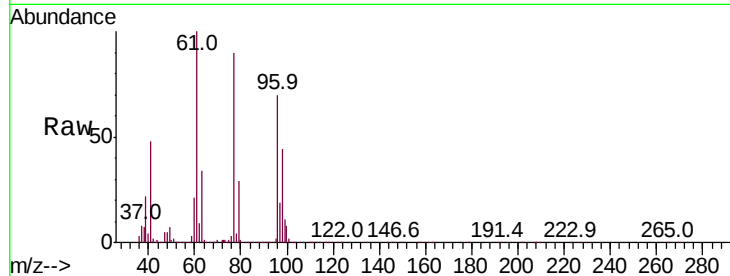


#27

cis-1,2-Dichloroethene  
 Concen: 46.035 ug/l  
 RT: 4.56 min Scan# 569  
 Delta R.T. -0.01 min  
 Lab File: VX017758.D  
 Acq: 04 Aug 2020 09:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :

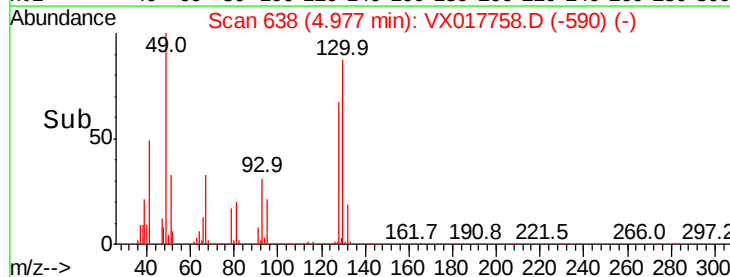
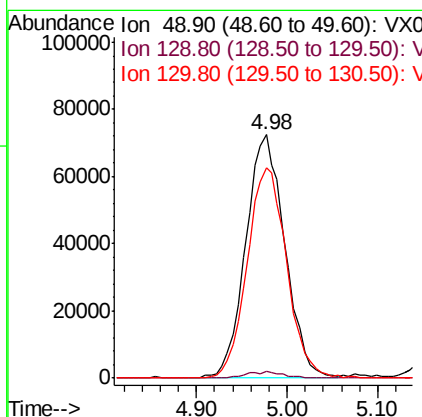
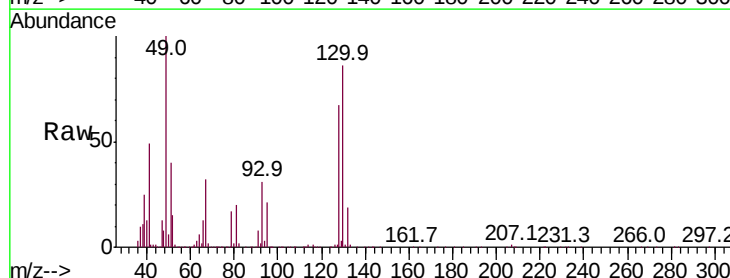
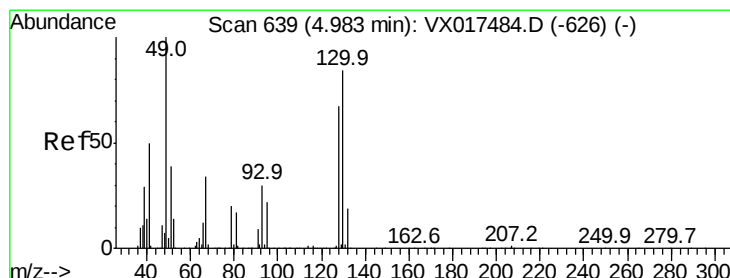
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 150.5 | 0.0   | 301.2 |
| 98      | 66.1  | 0.0   | 130.0 |

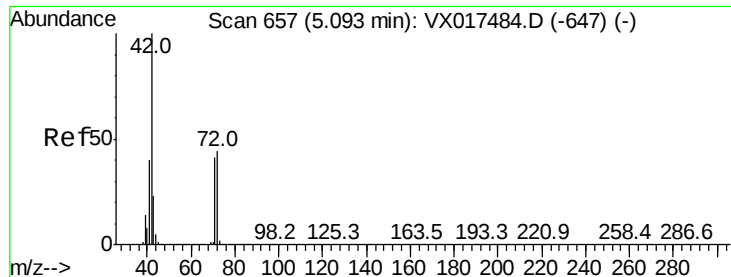


#28

Bromochloromethane  
 Concen: 45.800 ug/l  
 RT: 4.98 min Scan# 638  
 Delta R.T. -0.01 min  
 Lab File: VX017758.D  
 Acq: 04 Aug 2020 09:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.5   | 0.0   | 4.6   |
| 130     | 88.0  | 66.7  | 100.1 |





#29

Tetrahydrofuran

Concen: 236.312 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA\_X

ClientSampled :

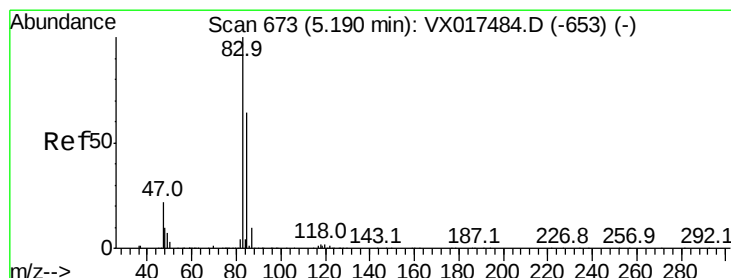
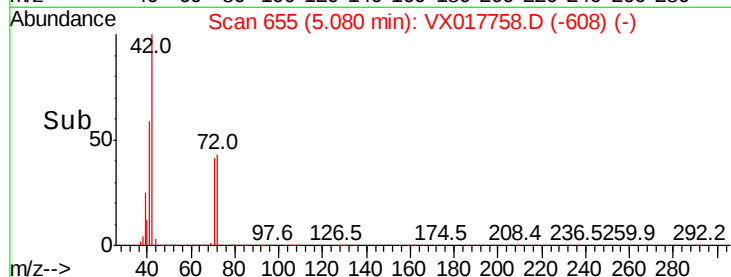
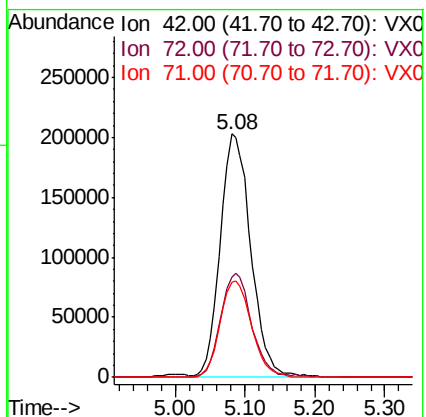
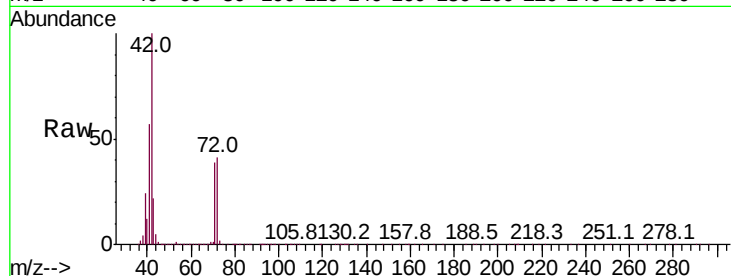
Tot Ion: 42 Resp: 612382

Ion Ratio Lower Upper

42 100

72 43.4 35.5 53.3

71 40.6 33.0 49.4



#30

Chloroform

Concen: 48.495 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.02 min

Lab File: VX017758.D

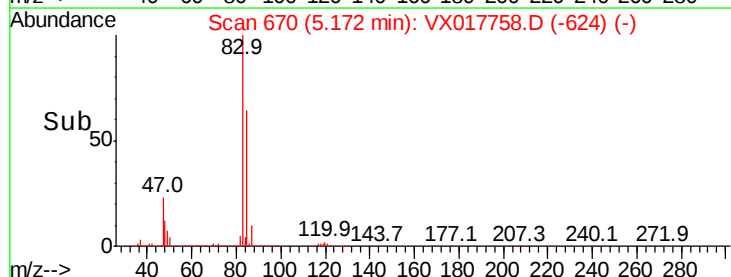
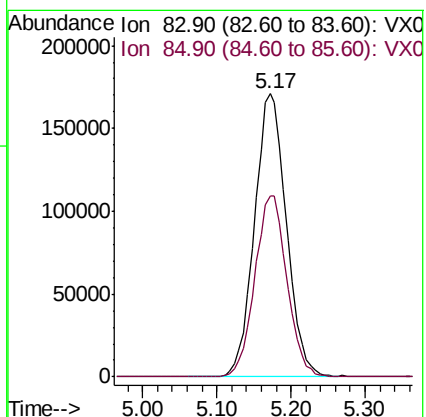
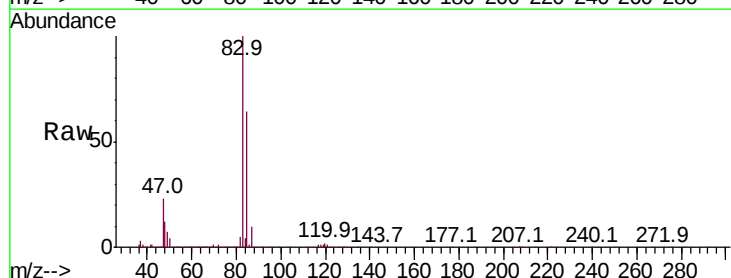
Acq: 04 Aug 2020 09:22

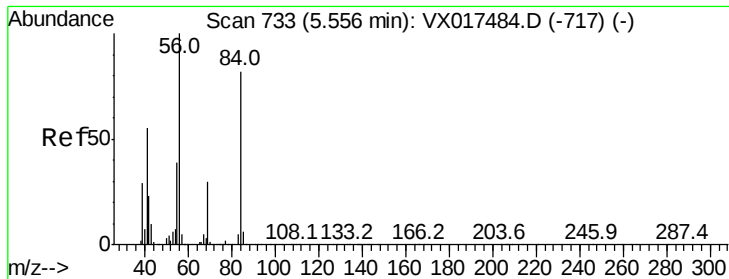
Tgt Ion: 83 Resp: 512740

Ion Ratio Lower Upper

83 100

85 63.9 51.4 77.2

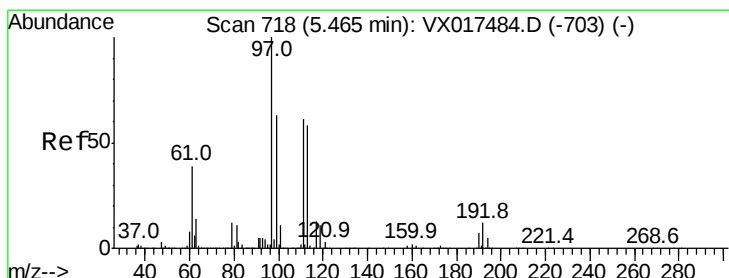
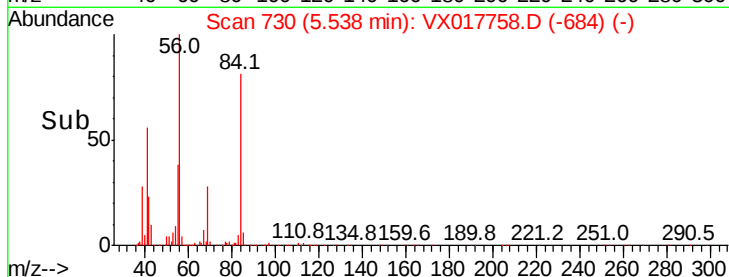
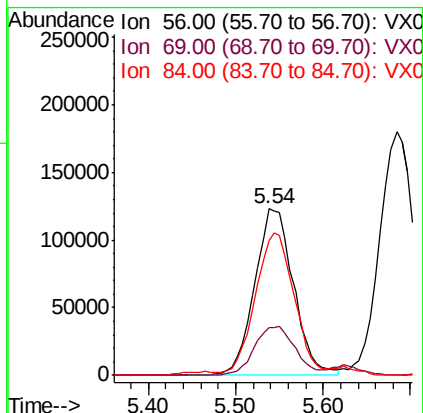
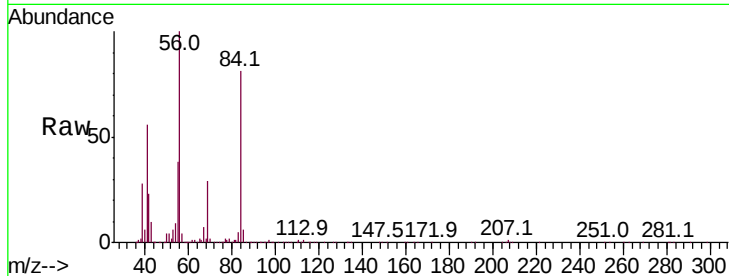




#31  
Cyclohexane  
Concen: 45.875 ug/l  
RT: 5.54 min Scan# 730  
Delta R.T. -0.02 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

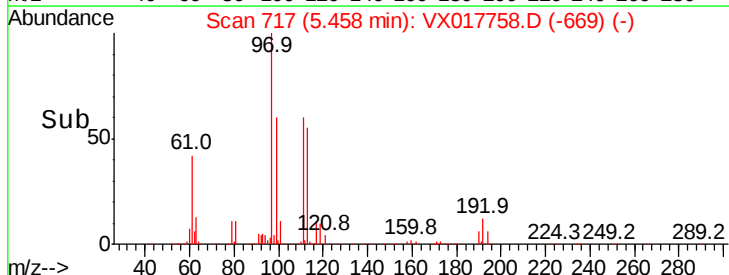
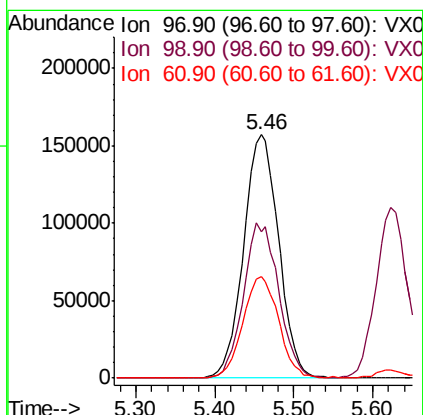
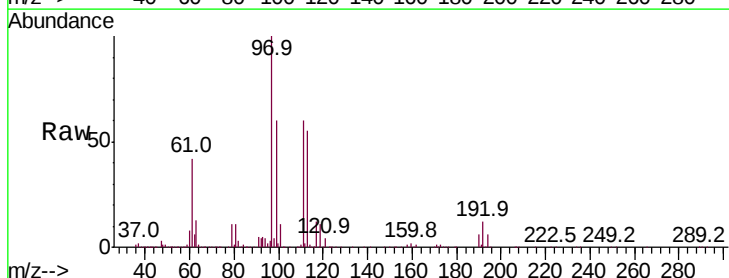
Instrument :  
MSVOA\_X  
ClientSampleId :

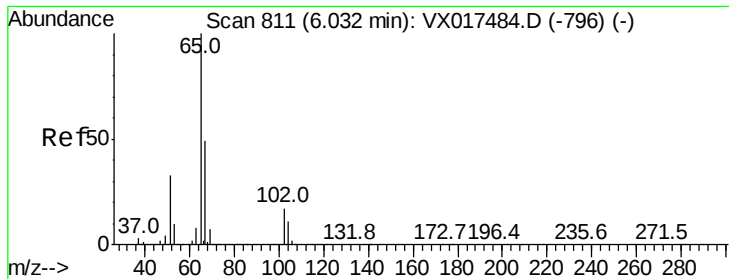
Tot Ion: 56 Resp: 378546  
Ion Ratio Lower Upper  
56 100  
69 28.5 24.2 36.4  
84 79.1 69.0 103.6



#32  
1,1,1-Trichloroethane  
Concen: 48.763 ug/l  
RT: 5.46 min Scan# 717  
Delta R.T. -0.01 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

Tgt Ion: 97 Resp: 486170  
Ion Ratio Lower Upper  
97 100  
99 63.9 51.9 77.9  
61 42.5 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 51.108 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA\_X

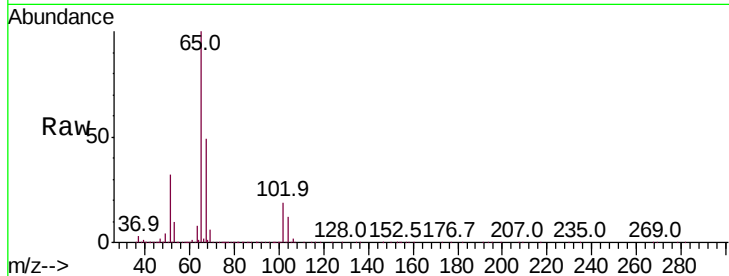
ClientSampleId :

Tot Ion: 65 Resp: 341963

Ion Ratio Lower Upper

65 100

67 49.9 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

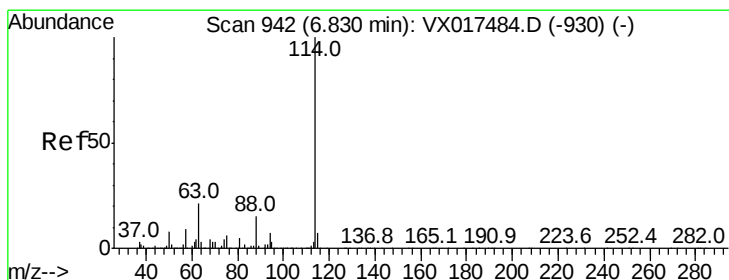
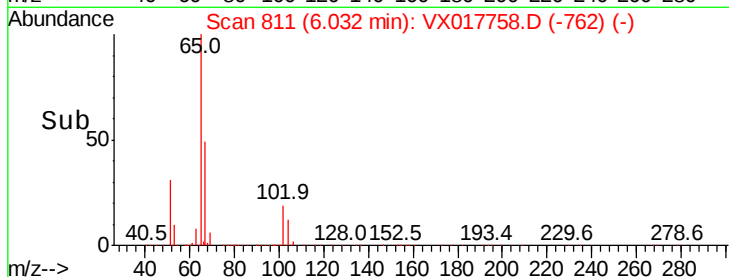
150000

100000

50000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

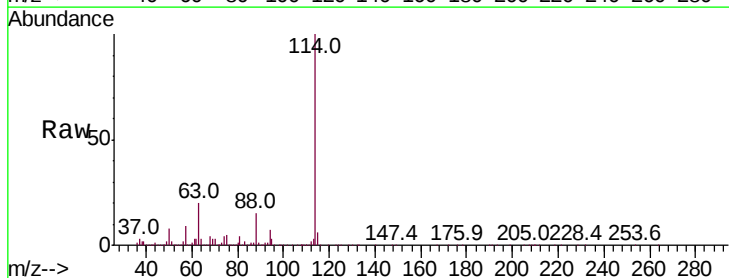
Tgt Ion: 114 Resp: 770233

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.6

88 15.2 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

400000

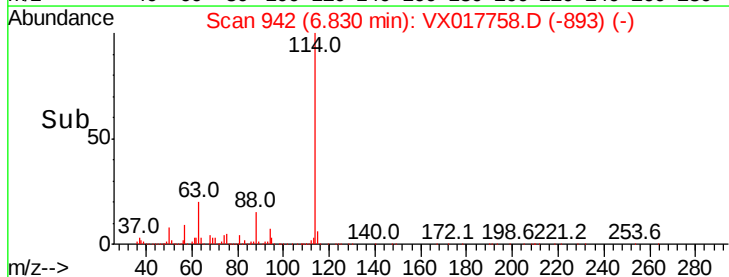
300000

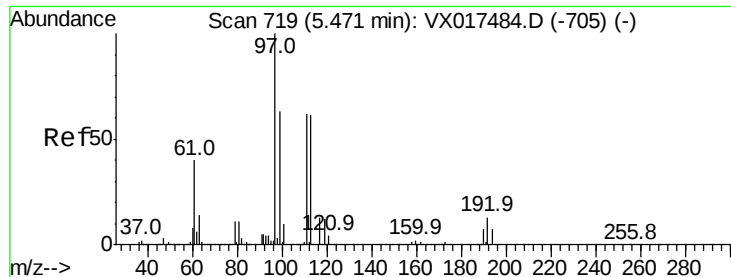
200000

100000

0

Time--> 6.70 6.80 6.90 7.00

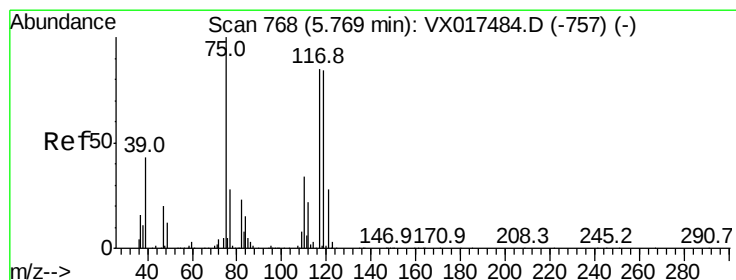
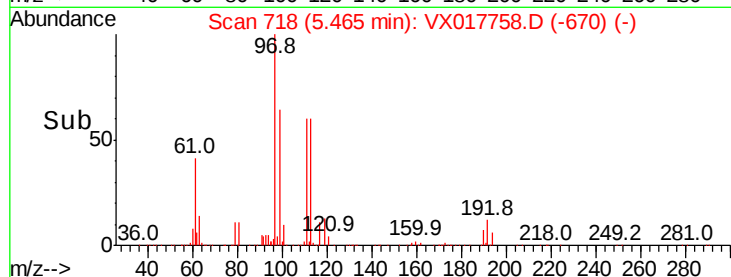
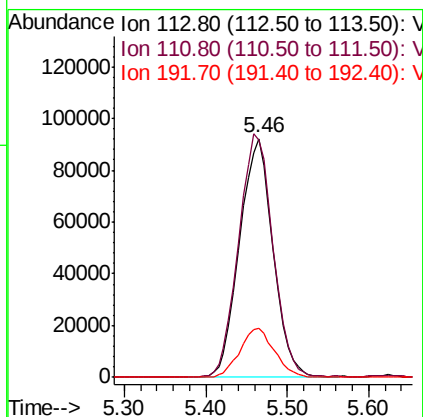
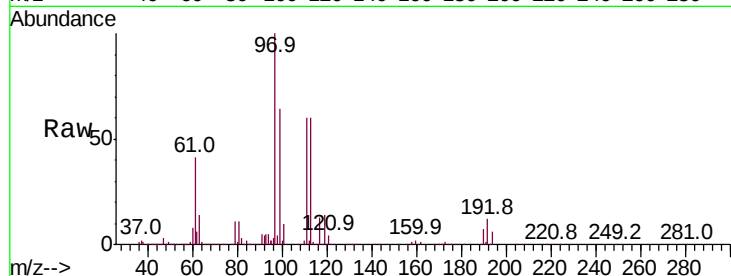




#35  
Dibromofluoromethane  
Concen: 51.239 ug/l  
RT: 5.46 min Scan# 718  
Delta R.T. -0.01 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

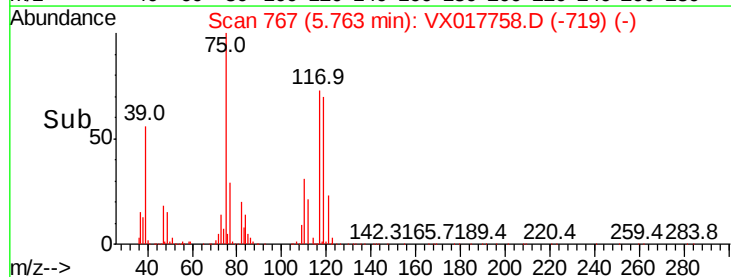
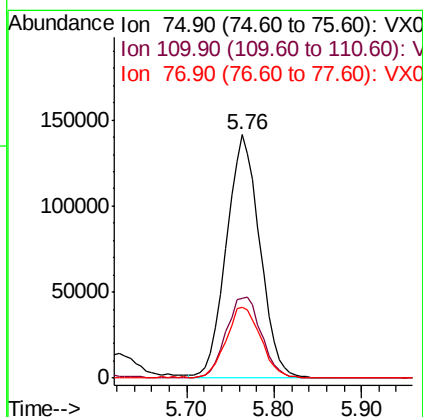
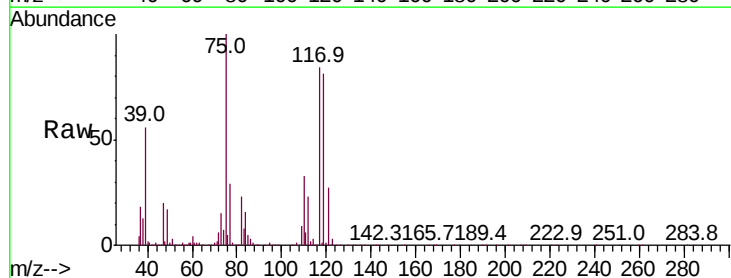
Instrument :  
MSVOA\_X  
ClientSampleId :

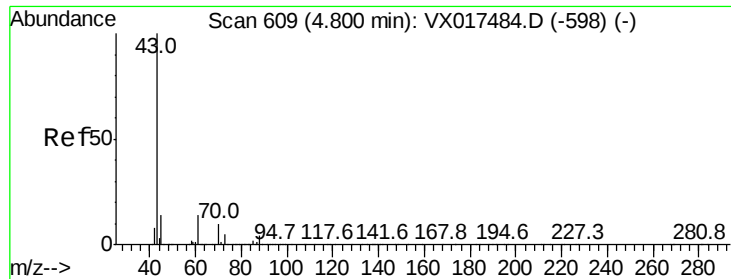
Tot Ion:113 Resp: 263952  
Ion Ratio Lower Upper  
113 100  
111 104.4 80.7 121.1  
192 21.0 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 50.702 ug/l  
RT: 5.76 min Scan# 767  
Delta R.T. -0.01 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

Tgt Ion: 75 Resp: 374548  
Ion Ratio Lower Upper  
75 100  
110 35.2 18.1 54.3  
77 30.4 24.6 37.0

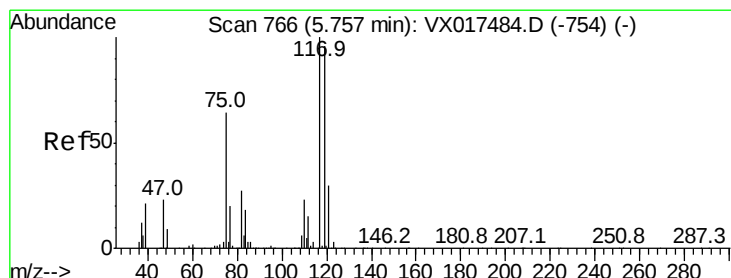
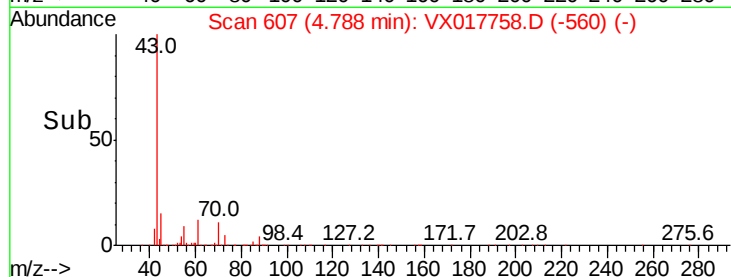
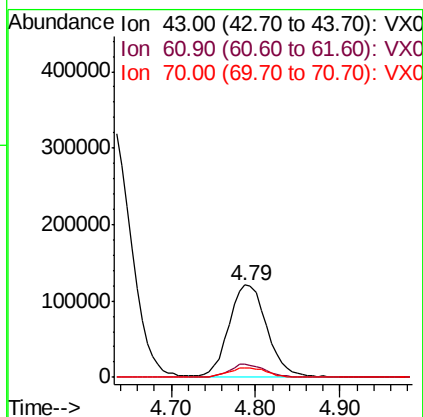
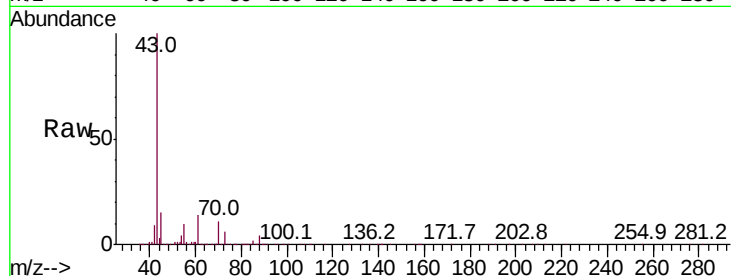




#37  
Ethyl Acetate  
Concen: 45.403 ug/l  
RT: 4.79 min Scan# 607  
Delta R.T. -0.01 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

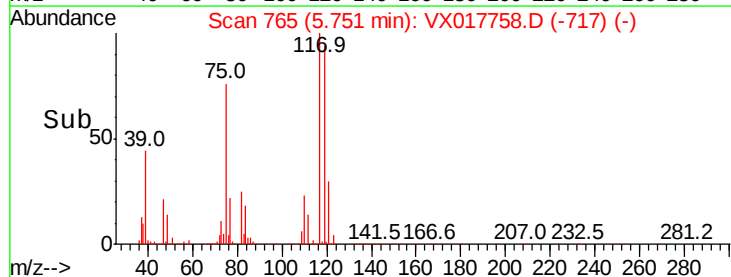
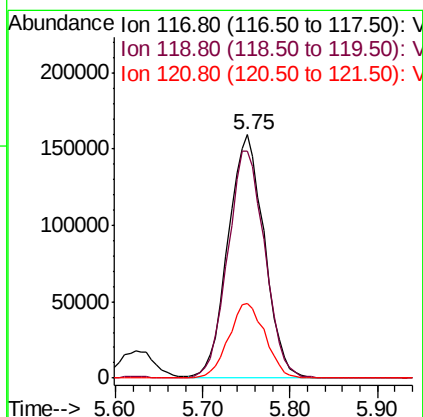
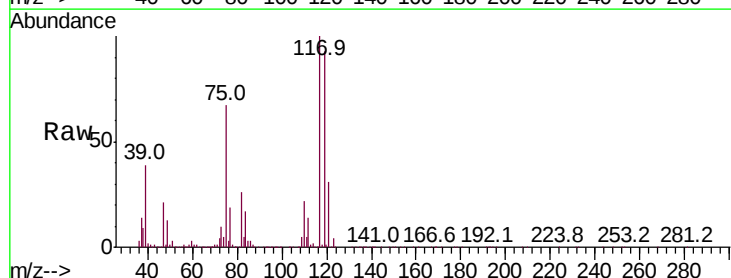
Instrument :  
MSVOA\_X  
ClientSampleId :

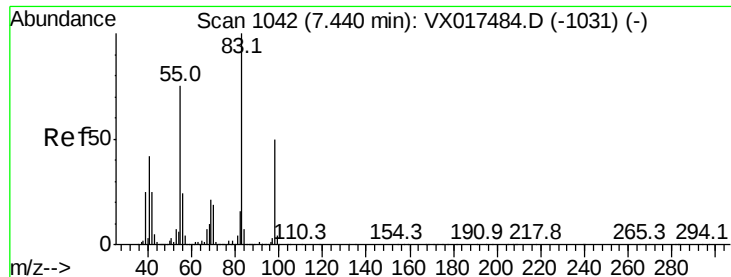
Tot Ion: 43 Resp: 366978  
Ion Ratio Lower Upper  
43 100  
61 13.0 10.7 16.1  
70 10.8 8.5 12.7



#38  
Carbon Tetrachloride  
Concen: 51.052 ug/l  
RT: 5.75 min Scan# 765  
Delta R.T. -0.01 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

Tgt Ion: 117 Resp: 457980  
Ion Ratio Lower Upper  
117 100  
119 93.0 75.4 113.0  
121 30.7 24.3 36.5

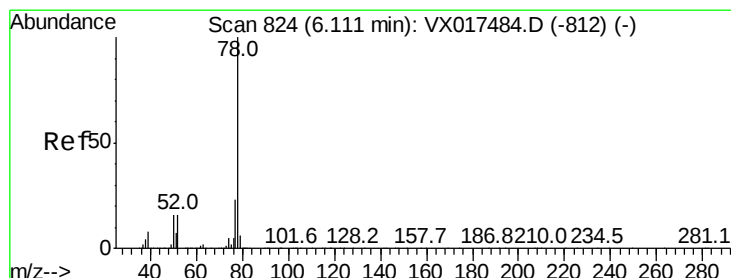
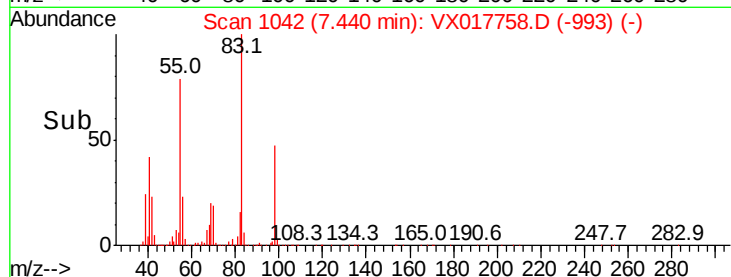
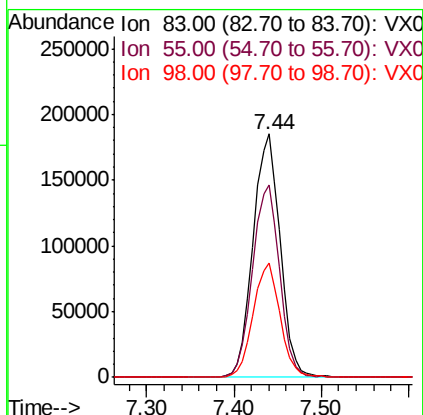
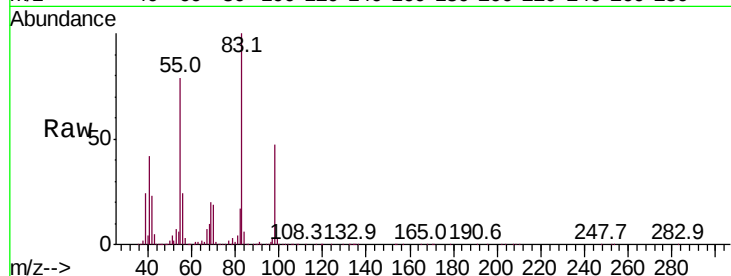




#39  
Methvlcvclohexane  
Concen: 46.161 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. 0.00 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

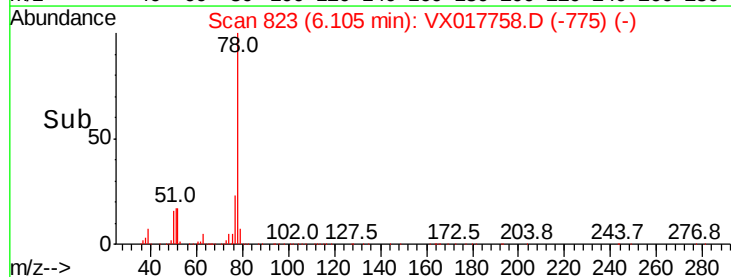
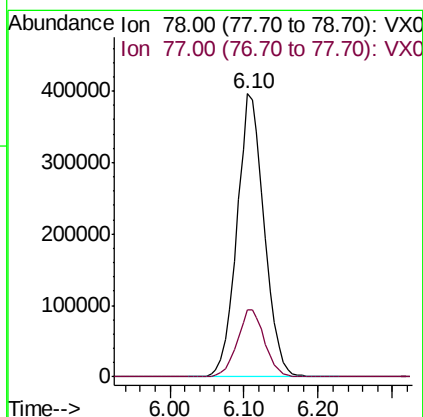
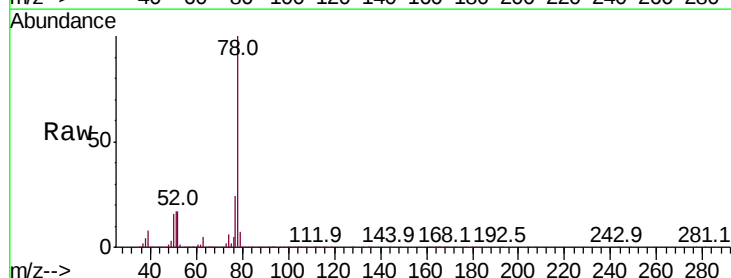
Instrument :  
MSVOA\_X  
ClientSampleId :

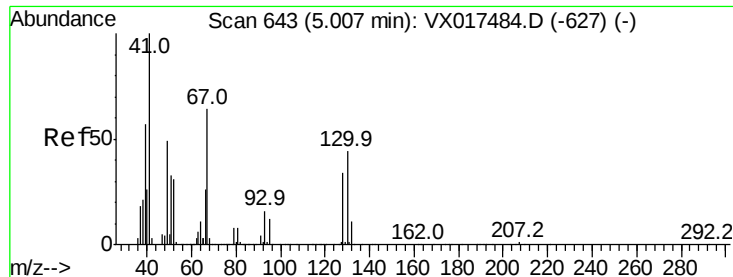
Tot Ion: 83 Resp: 398078  
Ion Ratio Lower Upper  
83 100  
55 78.7 61.8 92.8  
98 46.9 36.9 55.3



#40  
Benzene  
Concen: 47.844 ug/l  
RT: 6.10 min Scan# 823  
Delta R.T. -0.01 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

Tgt Ion: 78 Resp: 1013284  
Ion Ratio Lower Upper  
78 100  
77 23.8 19.4 29.2





#41

Methacrylonitrile

Concen: 43.813 ug/l

RT: 5.00 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA\_X

ClientSampled :

Tot Ion: 41 Resp: 202982

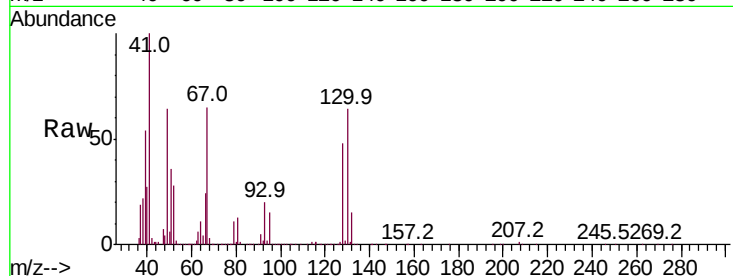
Ion Ratio Lower Upper

41 100

39 55.4 43.9 65.9

67 70.5 54.0 81.0

52 29.3 23.0 34.6

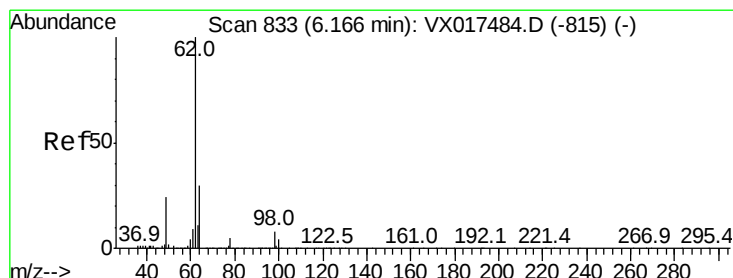
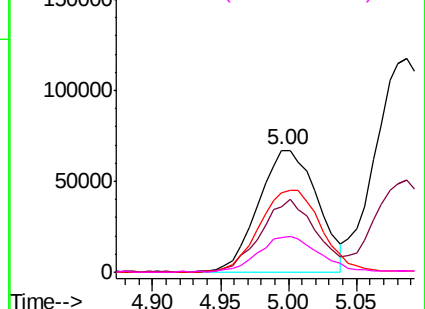
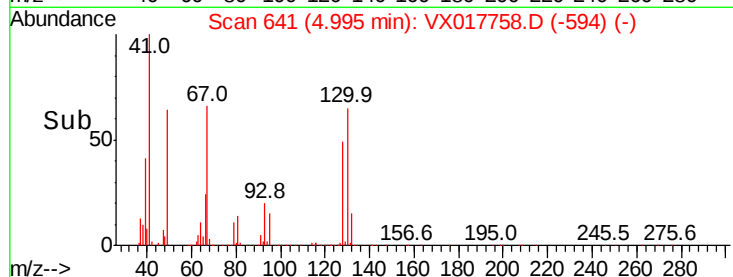


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 51.736 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017758.D

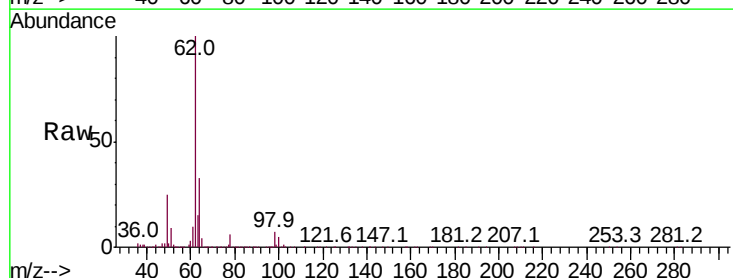
Acq: 04 Aug 2020 09:22

Tgt Ion: 62 Resp: 448263

Ion Ratio Lower Upper

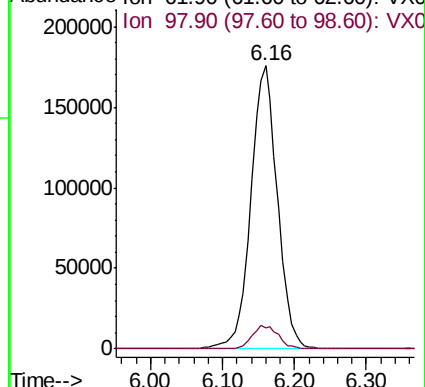
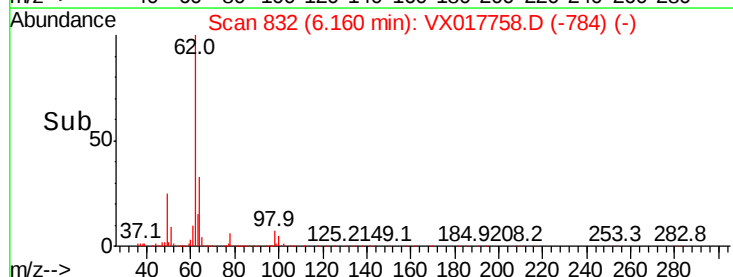
62 100

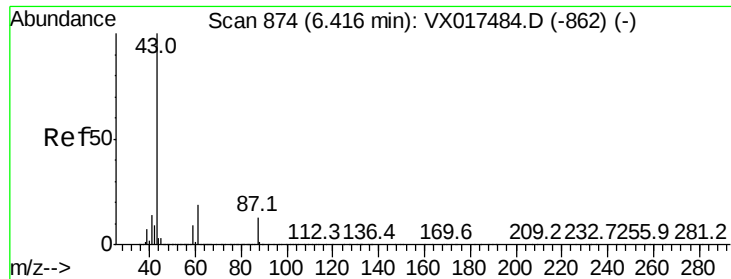
98 8.2 0.0 16.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



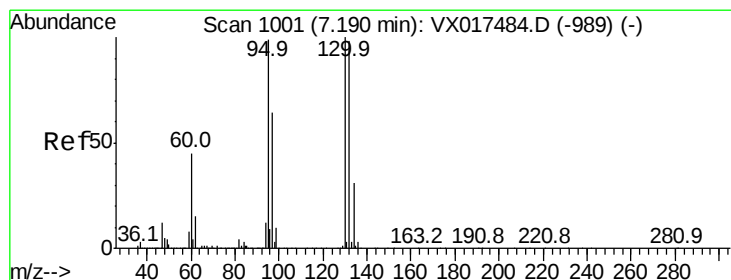
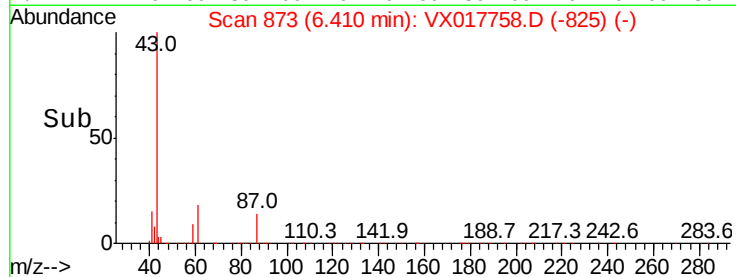
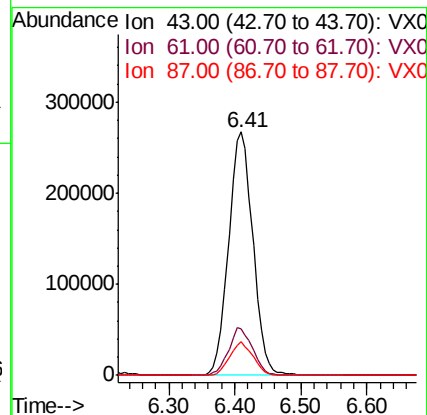
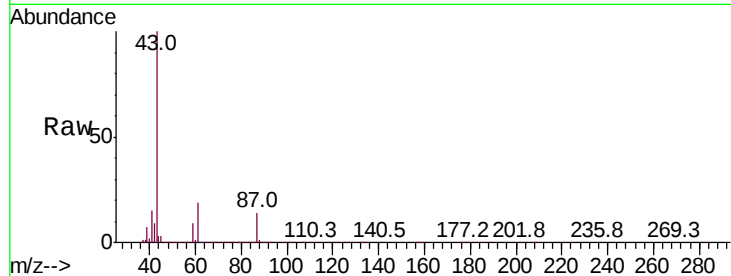


#43

Isopropyl Acetate  
 Concen: 50.803 ug/l  
 RT: 6.41 min Scan# 873  
 Delta R.T. -0.01 min  
 Lab File: VX017758.D  
 Acq: 04 Aug 2020 09:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :

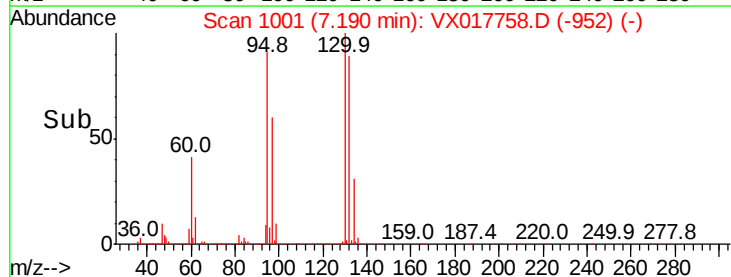
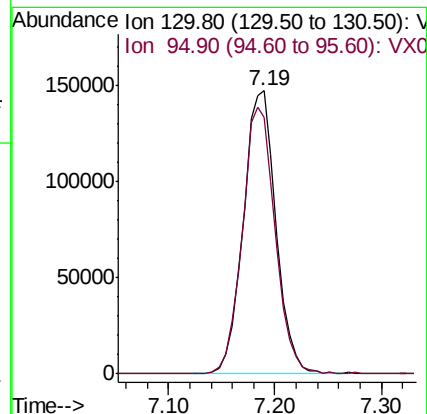
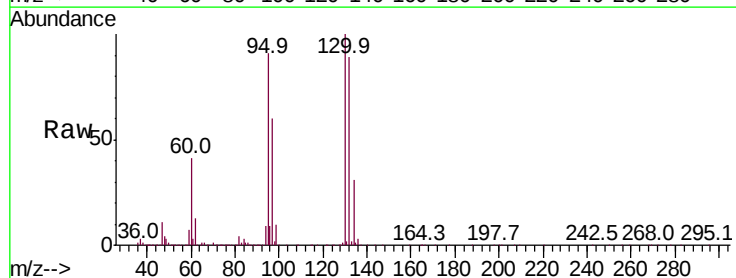
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.4  | 15.5  | 23.3  |
| 87      | 13.2  | 10.5  | 15.7  |

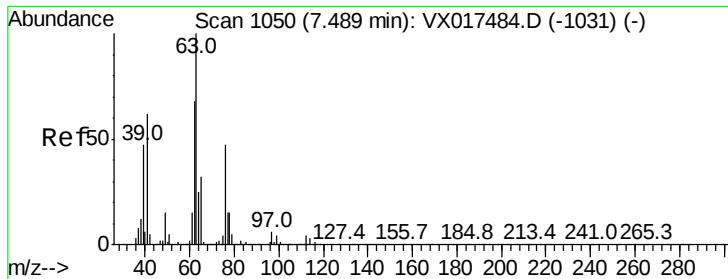


#44

Trichloroethene  
 Concen: 51.174 ug/l  
 RT: 7.19 min Scan# 1001  
 Delta R.T. 0.00 min  
 Lab File: VX017758.D  
 Acq: 04 Aug 2020 09:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 90.8  | 0.0   | 189.0 |





#45

1,2-Dichloropropane

Concen: 46.952 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

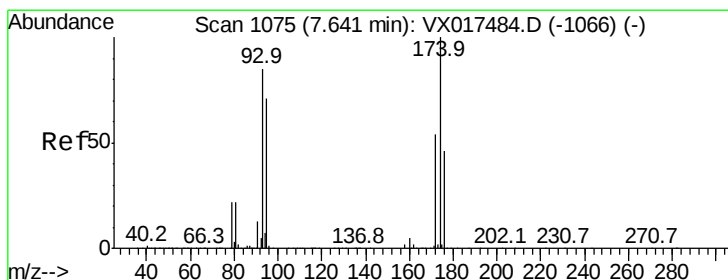
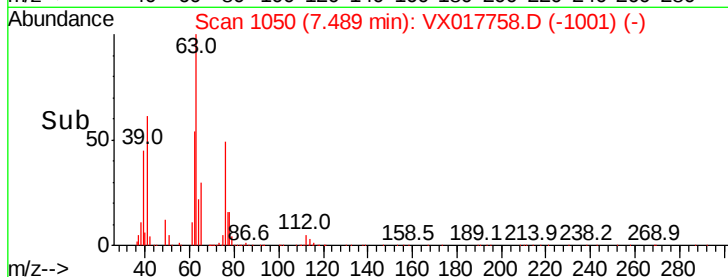
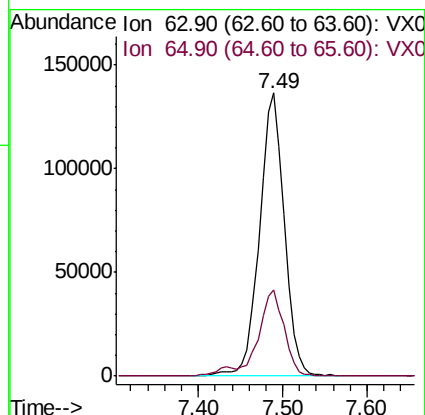
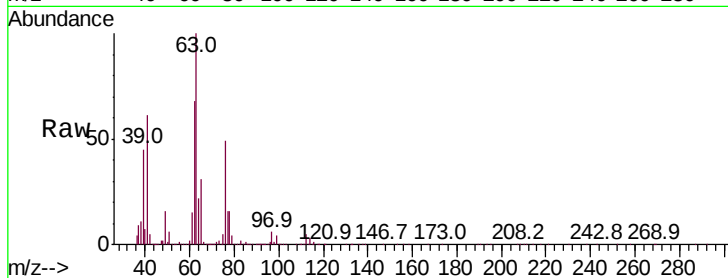
Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 63 Resp: 275662

Ion Ratio Lower Upper

63 100

65 30.5 24.5 36.7



#46

Dibromomethane

Concen: 46.863 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

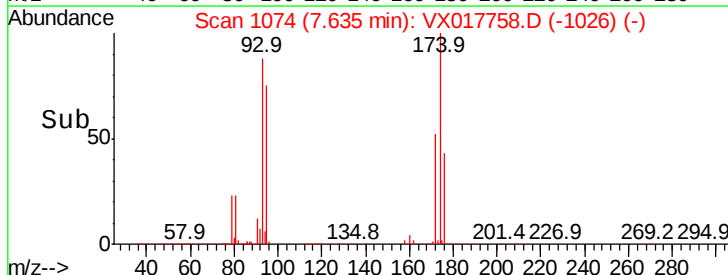
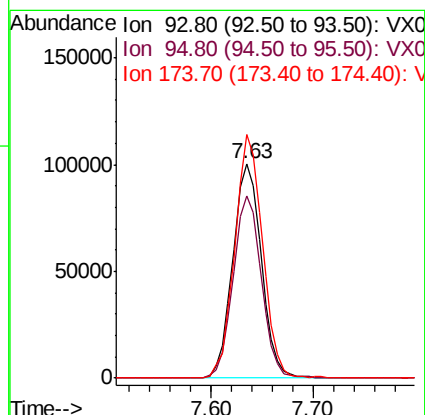
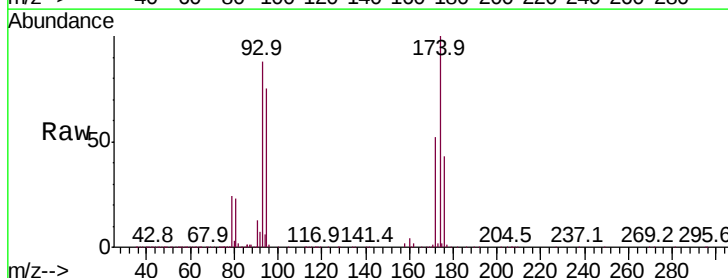
Tgt Ion: 93 Resp: 194442

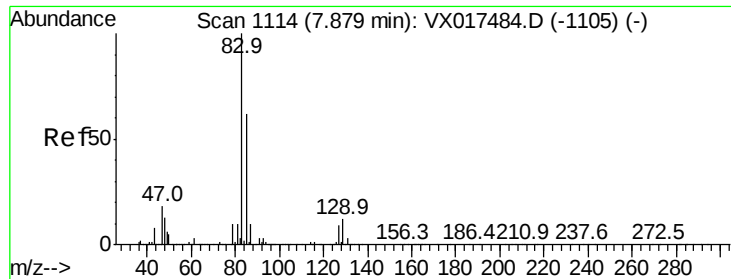
Ion Ratio Lower Upper

93 100

95 84.1 66.6 99.8

174 109.8 87.0 130.6





#47

Bromodichloromethane

Concen: 53.940 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :  
MSVOA\_X  
ClientSampleId :

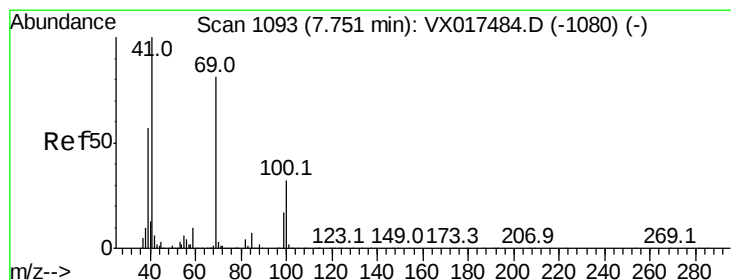
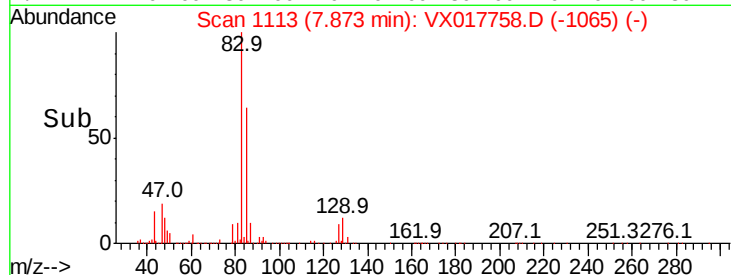
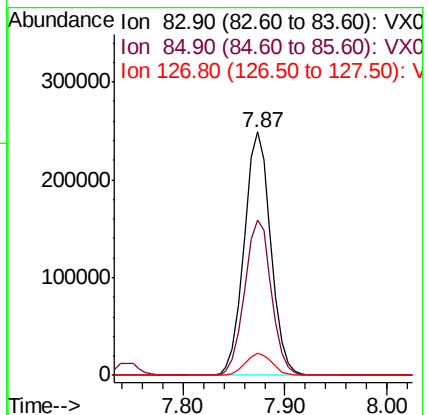
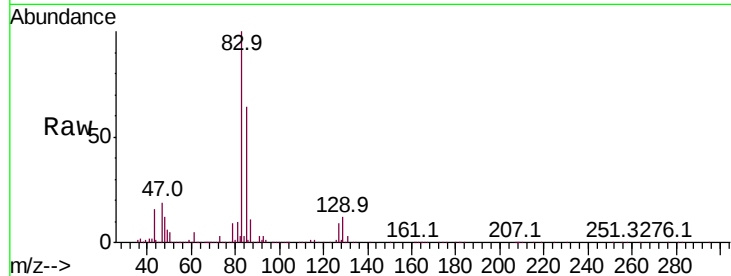
Tot Ion: 83 Resp: 450327

Ion Ratio Lower Upper

83 100

85 63.8 51.8 77.8

127 9.0 7.4 11.2



#48

Methyl methacrylate

Concen: 46.409 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

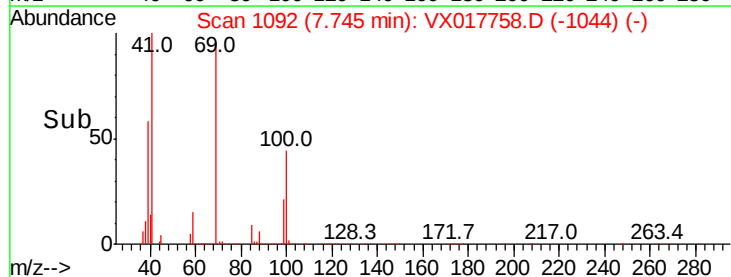
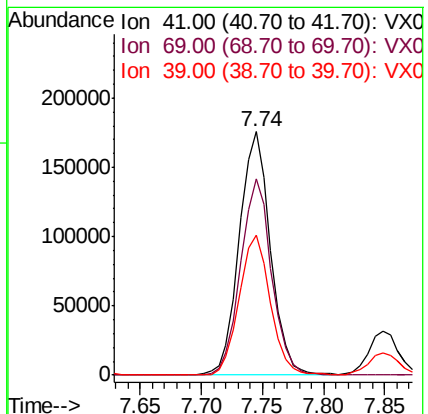
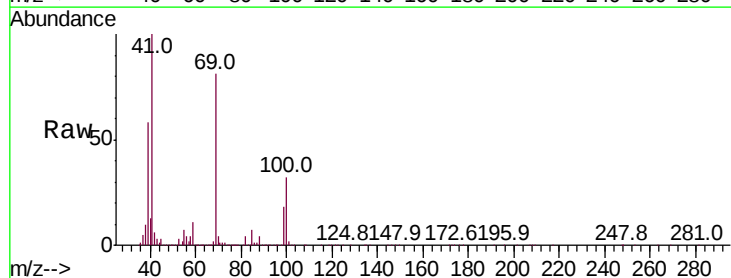
Tgt Ion: 41 Resp: 306794

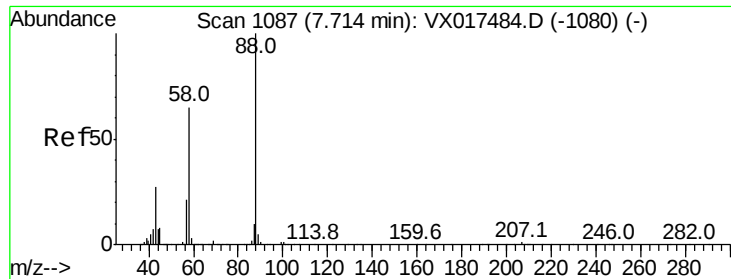
Ion Ratio Lower Upper

41 100

69 81.5 63.1 94.7

39 58.3 45.1 67.7

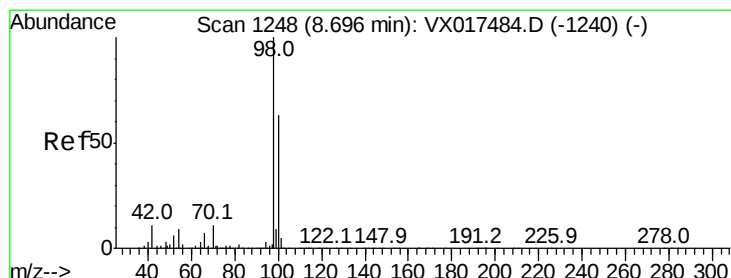
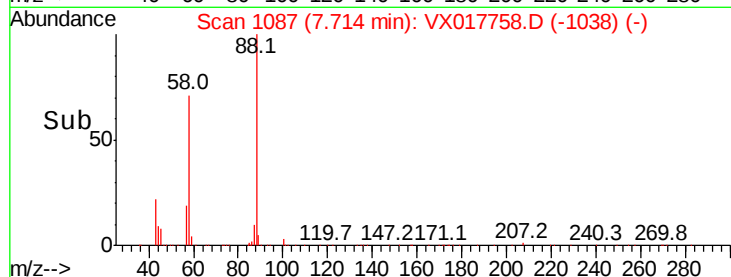
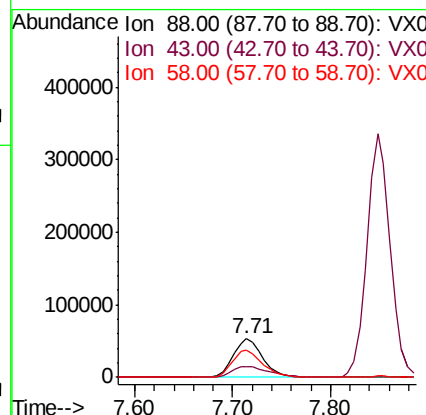
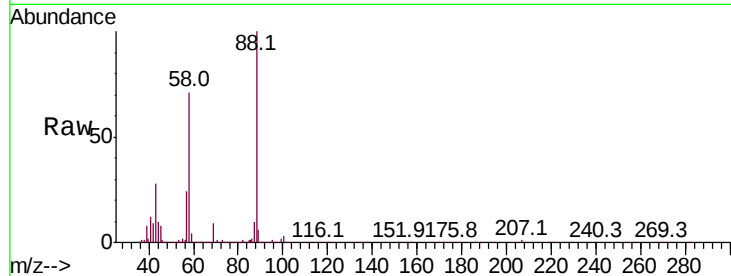




#49  
1,4-Dioxane  
Concen: 870.992 ug/l  
RT: 7.71 min Scan# 1087  
Delta R.T. 0.00 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

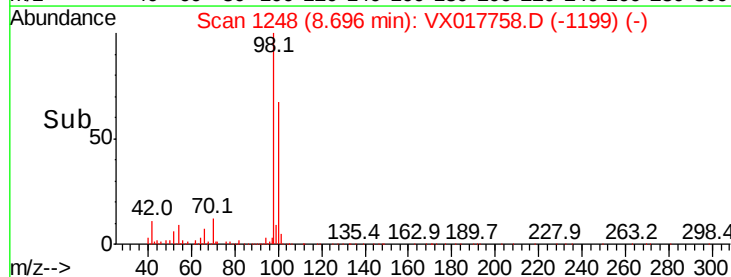
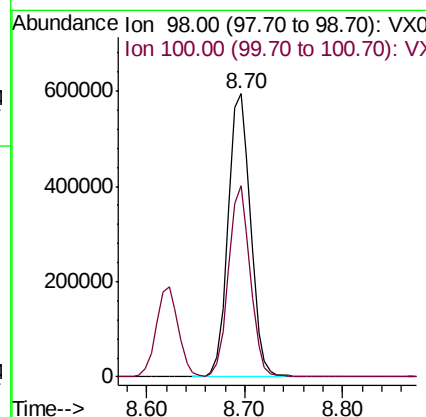
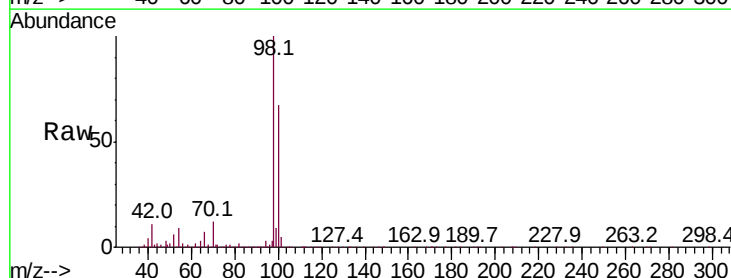
Instrument :  
MSVOA\_X  
ClientSampleId :

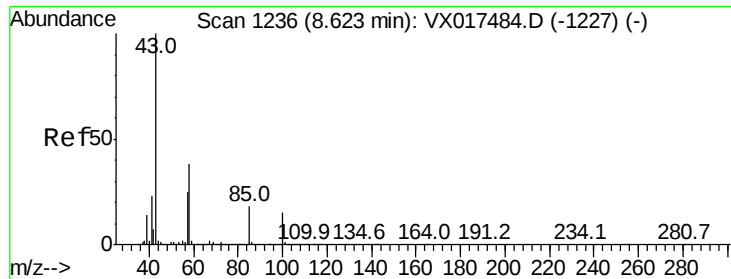
Tot Ion: 88 Resp: 110390  
Ion Ratio Lower Upper  
88 100  
43 35.4 27.8 41.6  
58 72.6 58.3 87.5



#50  
Toluene-d8  
Concen: 50.756 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. 0.00 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

Tgt Ion: 98 Resp: 943226  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.3 78.5

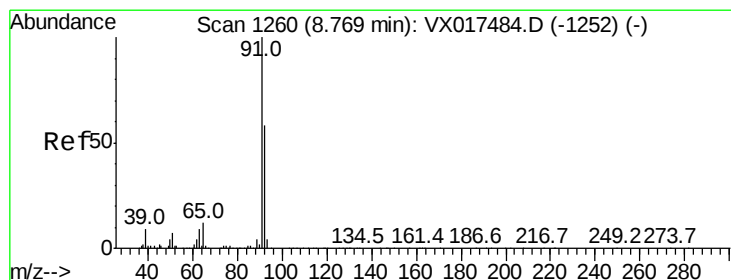
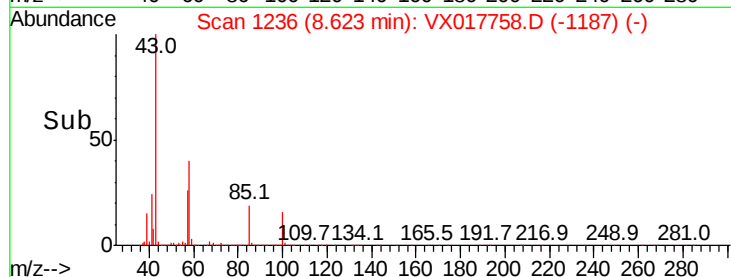
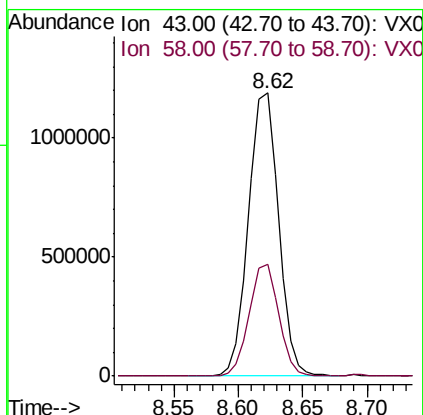
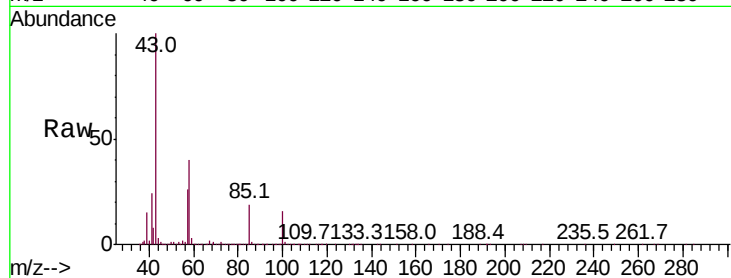




#51  
4-Methyl-2-Pentanone  
Concen: 240.872 ug/l  
RT: 8.62 min Scan# 1236  
Delta R.T. 0.00 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

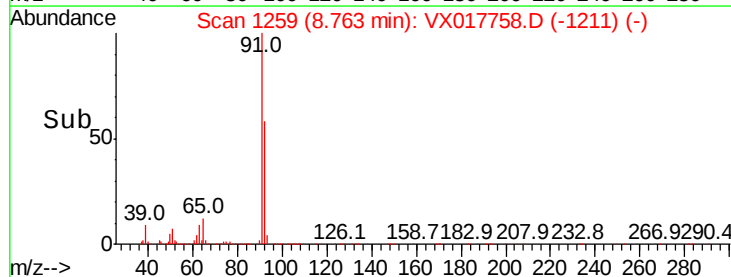
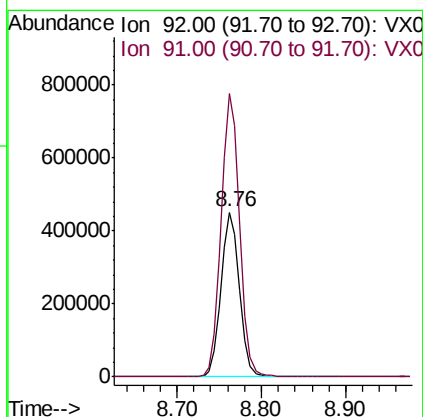
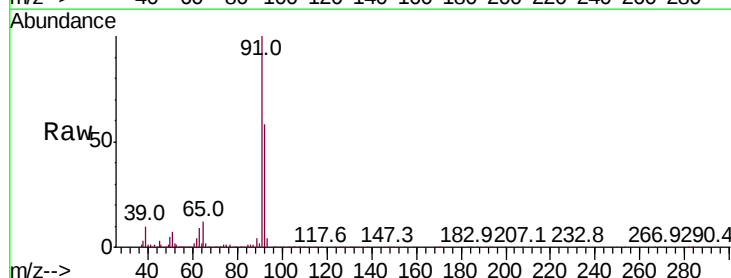
Instrument :  
MSVOA\_X  
ClientSampled :

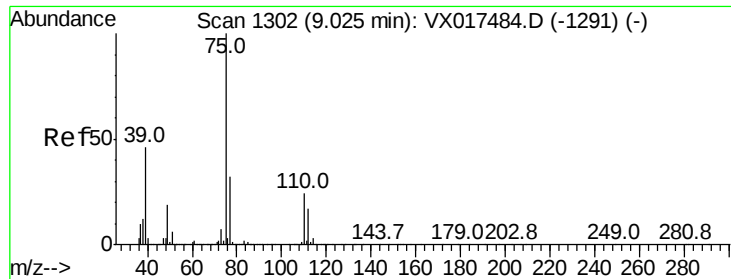
Tot Ion: 43 Resp: 1916654  
Ion Ratio Lower Upper  
43 100  
58 38.7 31.0 46.4



#52  
Toluene  
Concen: 50.206 ug/l  
RT: 8.76 min Scan# 1259  
Delta R.T. -0.01 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

Tgt Ion: 92 Resp: 681922  
Ion Ratio Lower Upper  
92 100  
91 173.0 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 50.393 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA\_X

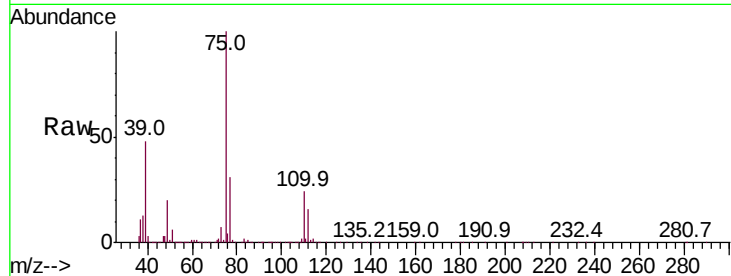
ClientSampleId :

Tot Ion: 75 Resp: 470961

Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

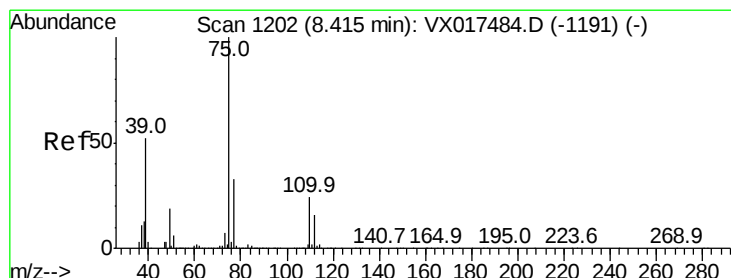
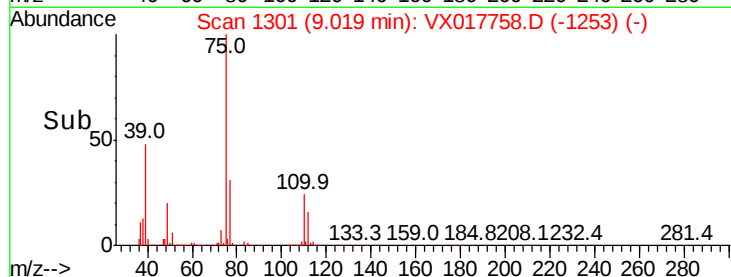
300000

200000

100000

0

Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 50.972 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

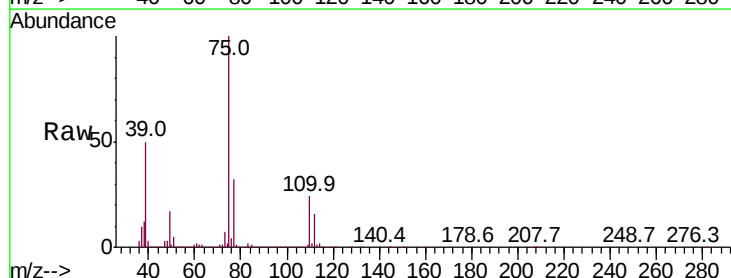
Tgt Ion: 75 Resp: 485890

Ion Ratio Lower Upper

75 100

77 31.8 25.5 38.3

39 50.2 41.8 62.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

400000

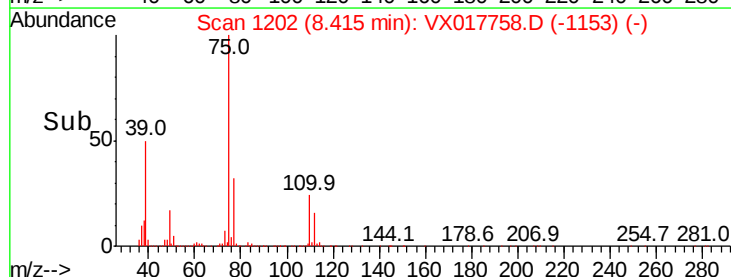
300000

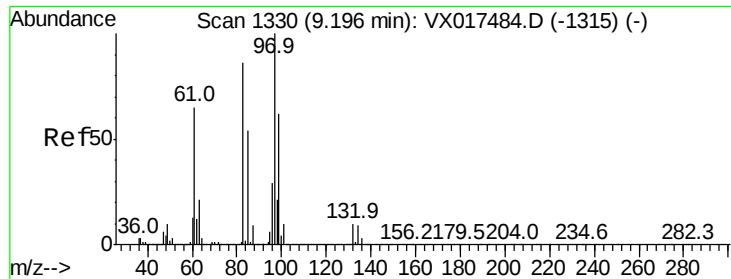
200000

100000

0

Time--> 8.30 8.40 8.50

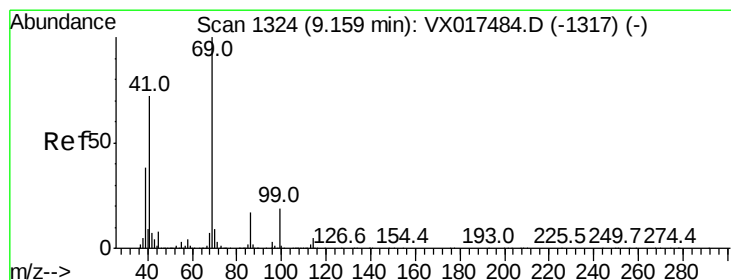
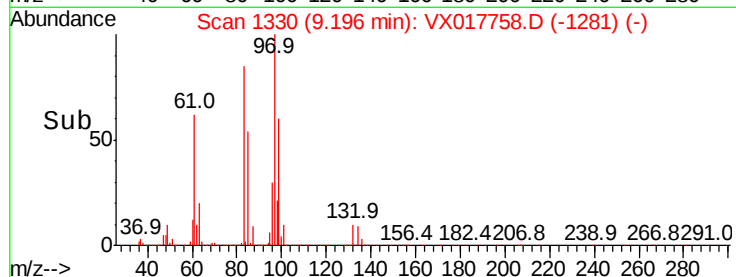
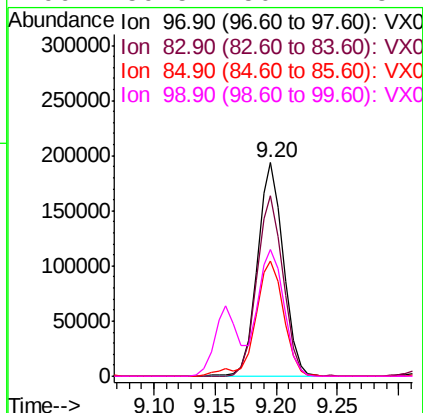
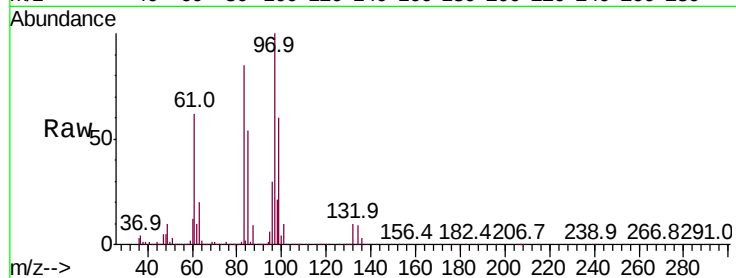




#55  
 1,1,2-Trichloroethane  
 Concen: 50.755 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. 0.00 min  
 Lab File: VX017758.D  
 Acq: 04 Aug 2020 09:22

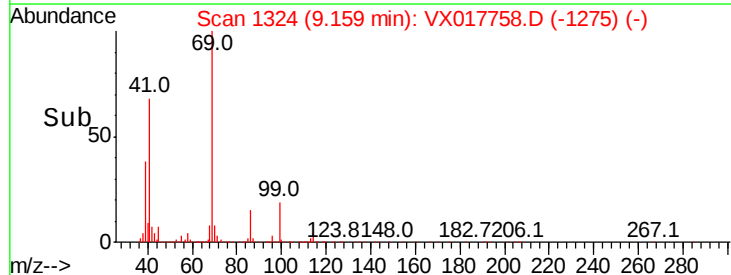
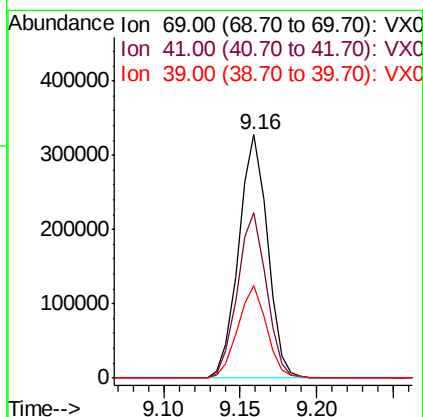
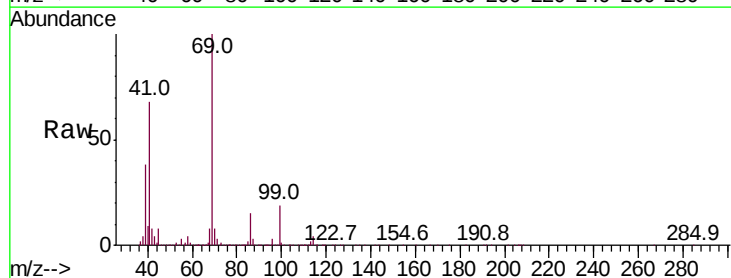
Instrument :  
 MSVOA\_X  
 ClientSampleId :

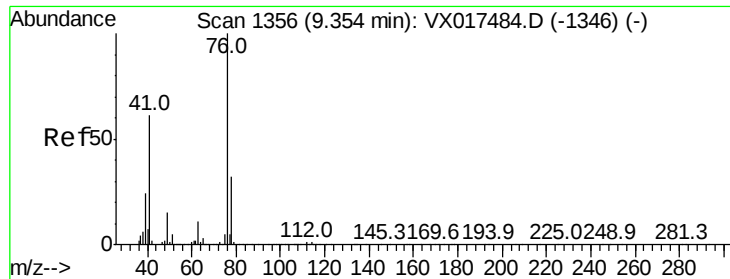
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 287178 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 84.7  | 67.6  | 101.4  |
| 85       | 54.0  | 44.6  | 67.0   |
| 99       | 59.5  | 50.2  | 75.4   |



#56  
 Ethyl methacrylate  
 Concen: 50.477 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. 0.00 min  
 Lab File: VX017758.D  
 Acq: 04 Aug 2020 09:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 430284 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 68.1  | 55.0  | 82.6   |
| 39       | 38.0  | 30.0  | 45.0   |





#57

1,3-Dichloropropane

Concen: 50.667 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA\_X

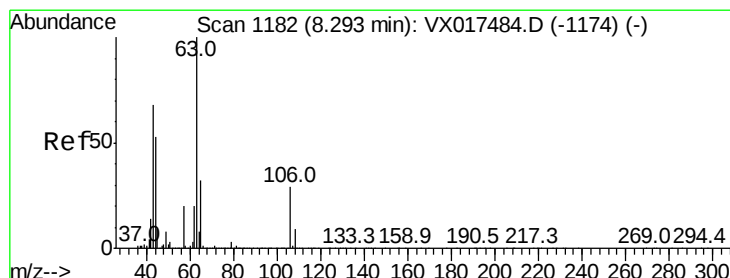
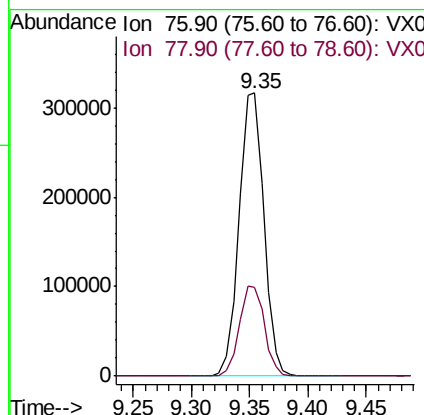
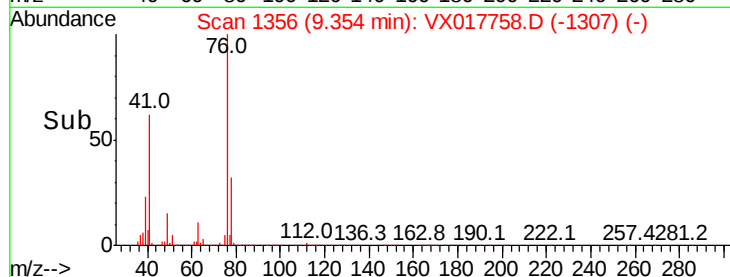
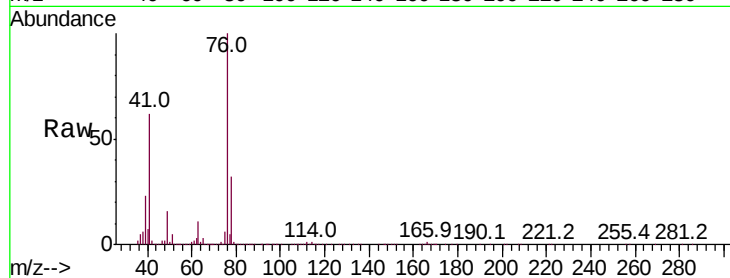
ClientSampleId :

Tot Ion: 76 Resp: 472051

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 234.902 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017758.D

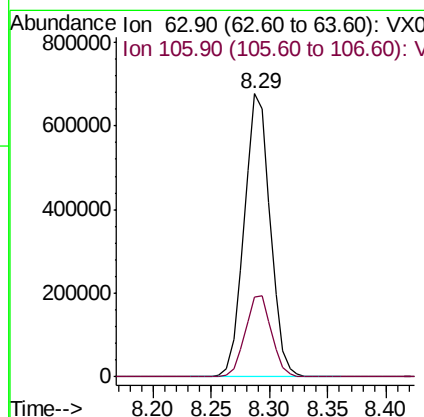
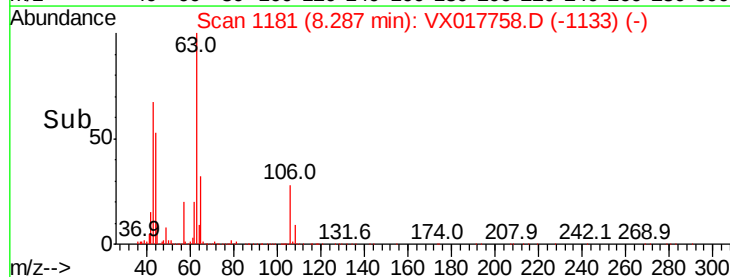
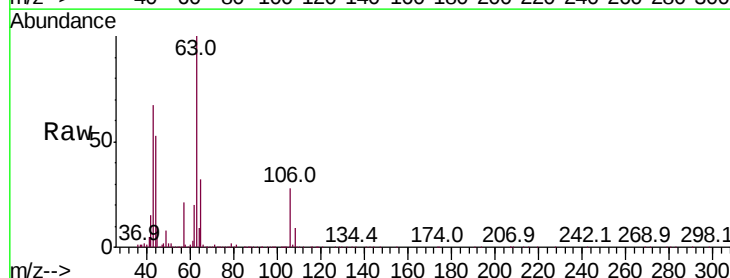
Acq: 04 Aug 2020 09:22

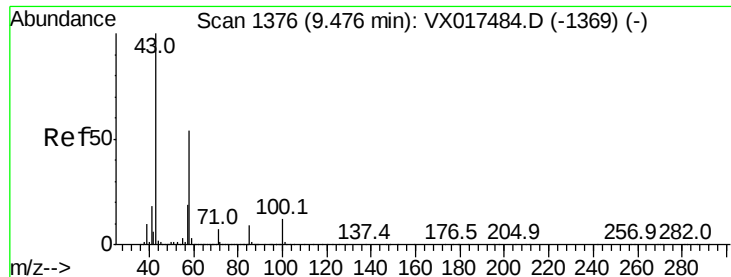
Tgt Ion: 63 Resp: 1054951

Ion Ratio Lower Upper

63 100

106 29.2 22.6 34.0

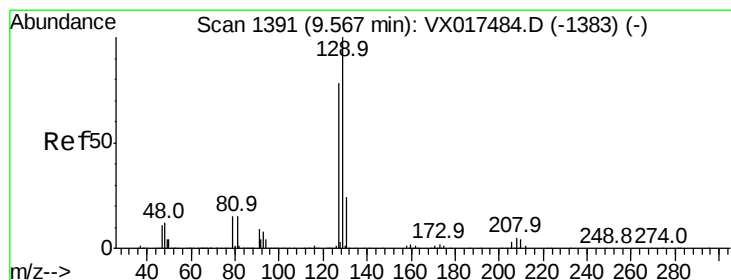
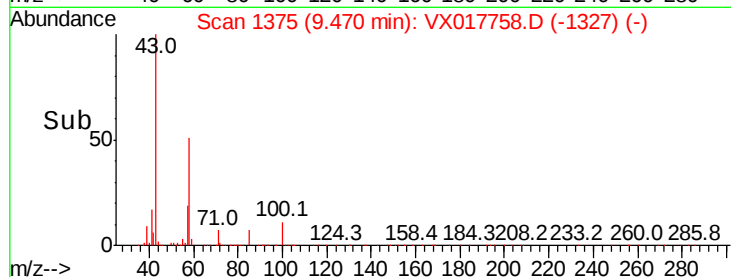
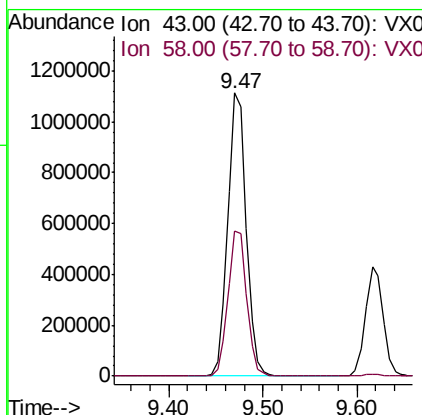
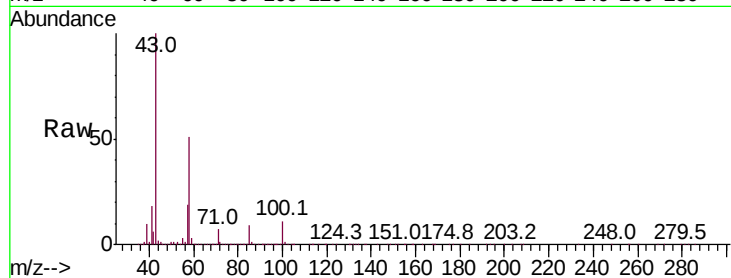




#59  
2-Hexanone  
Concen: 252.810 ug/l  
RT: 9.47 min Scan# 1375  
Delta R.T. -0.01 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

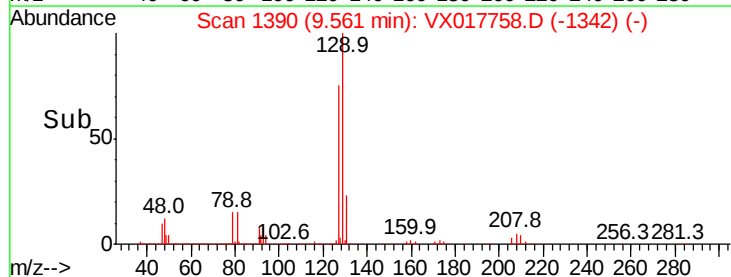
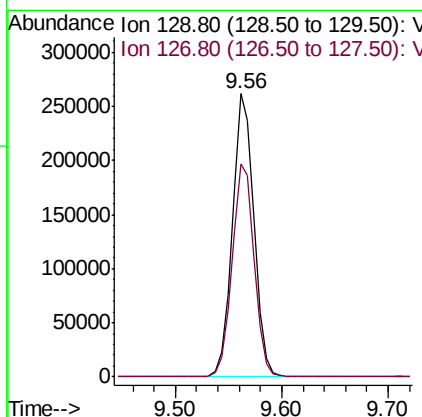
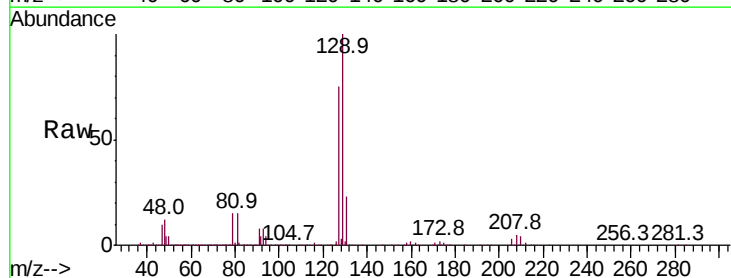
Instrument :  
MSVOA\_X  
ClientSampleId :

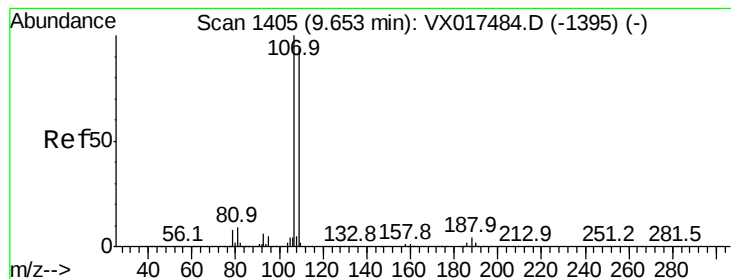
Tot Ion: 43 Resp: 1514542  
Ion Ratio Lower Upper  
43 100  
58 52.2 26.6 79.8



#60  
Dibromochloromethane  
Concen: 51.498 ug/l  
RT: 9.56 min Scan# 1390  
Delta R.T. -0.01 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

Tgt Ion: 129 Resp: 370351  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.4 115.1





#61

1,2-Dibromoethane

Concen: 52.600 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA\_X

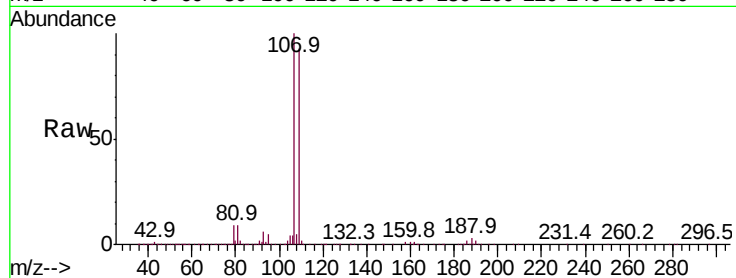
ClientSampled :

Tot Ion:107 Resp: 316858

Ion Ratio Lower Upper

107 100

109 93.0 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

250000

200000

150000

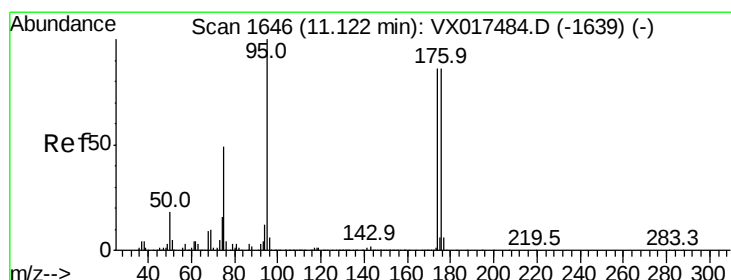
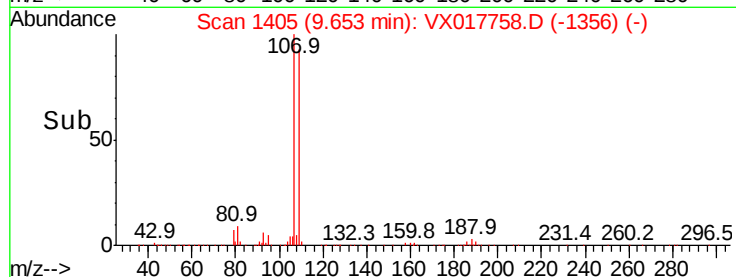
100000

50000

0

Time-->

9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.743 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

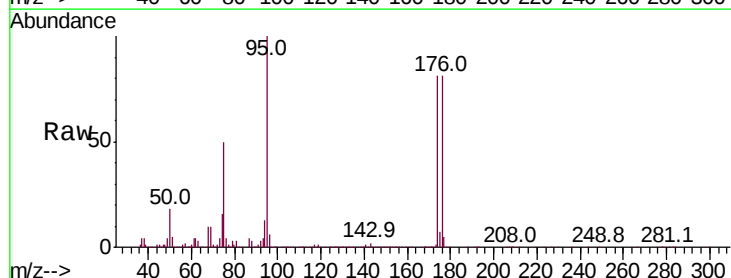
Tgt Ion: 95 Resp: 362511

Ion Ratio Lower Upper

95 100

174 81.7 0.0 169.0

176 82.1 0.0 161.0



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

400000

300000

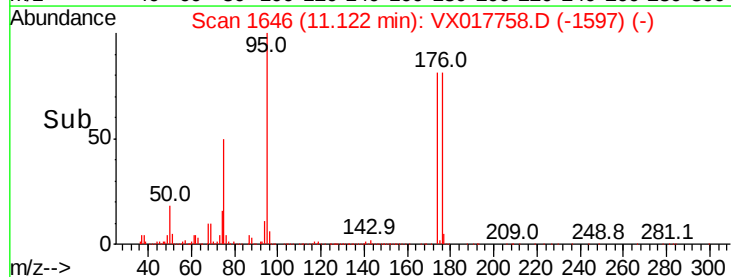
200000

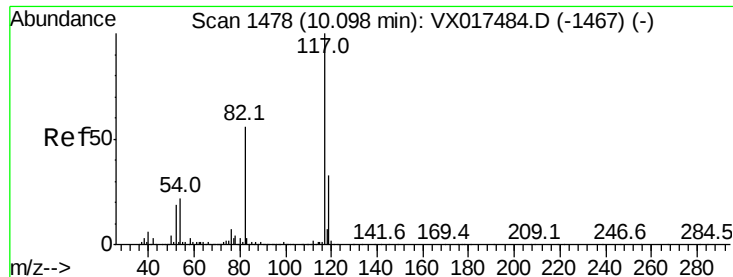
100000

0

Time-->

11.10 11.12 11.20

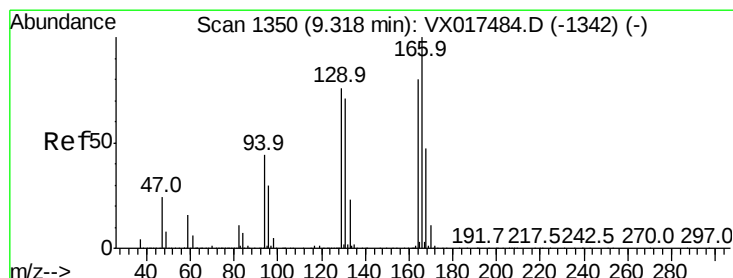
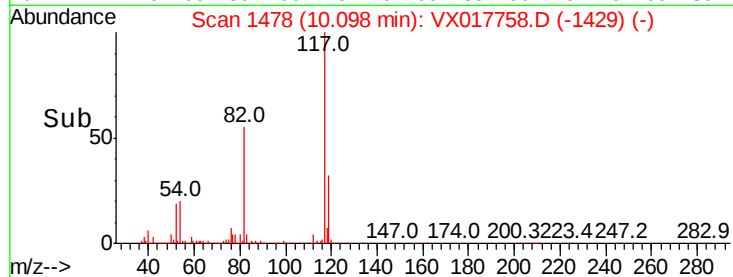
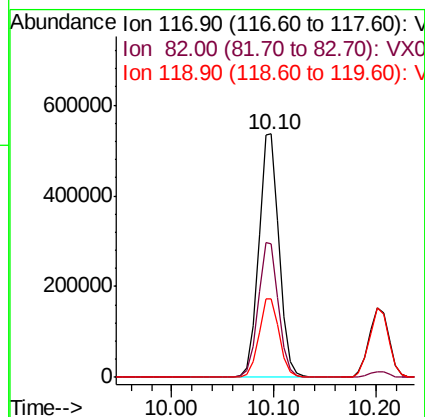
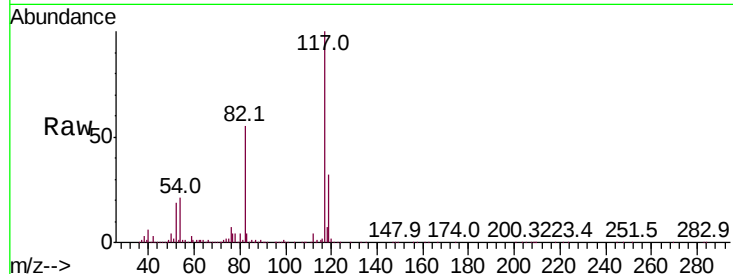




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. 0.00 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

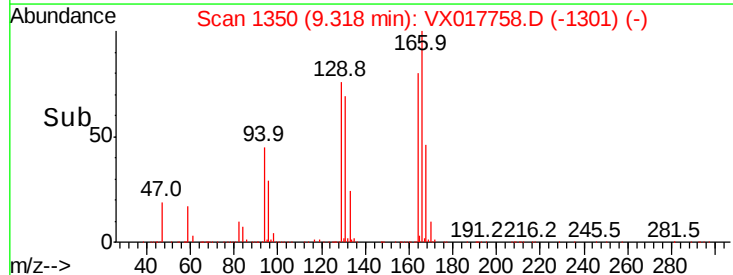
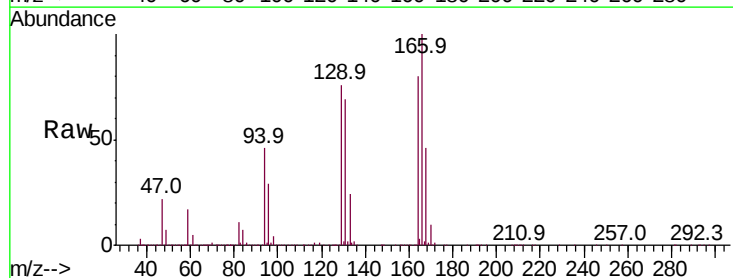
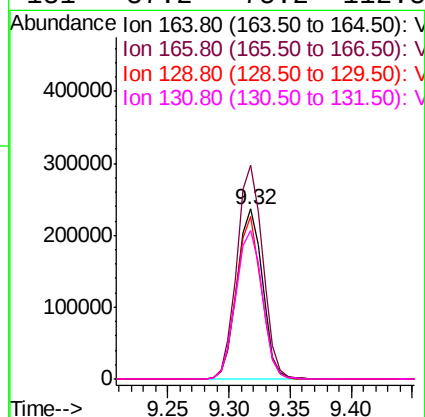
Instrument :  
MSVOA\_X  
ClientSampleId :

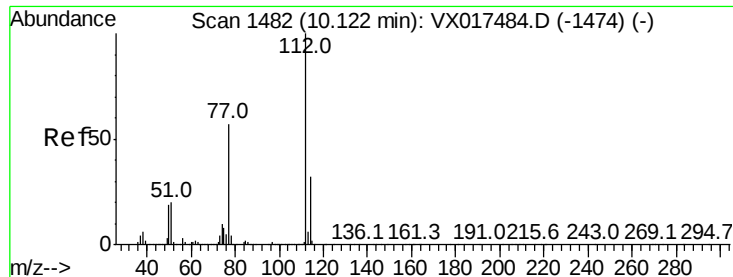
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 54.9  | 44.0  | 66.0  |
| 119     | 32.4  | 25.4  | 38.0  |



#64  
Tetrachloroethene  
Concen: 50.540 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. 0.00 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 125.8 | 100.6 | 150.8 |
| 129     | 95.9  | 75.0  | 112.6 |
| 131     | 87.2  | 75.2  | 112.8 |

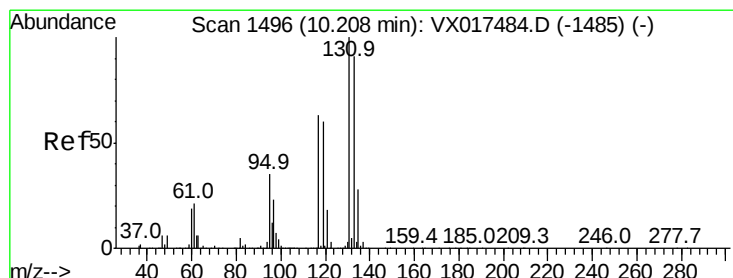
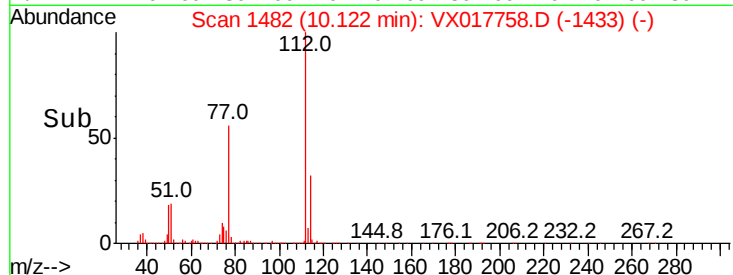
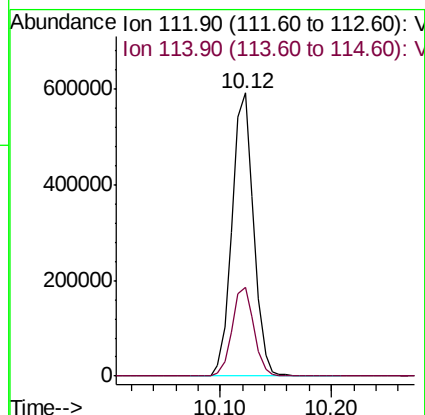
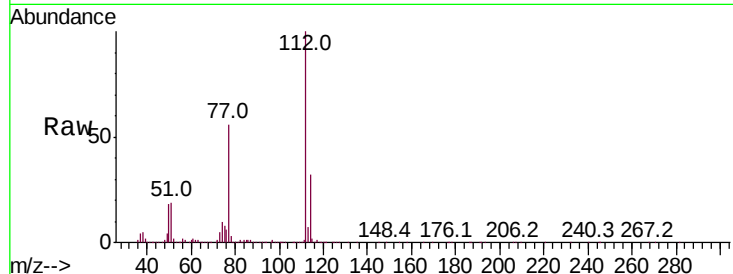




#65  
Chlorobenzene  
Concen: 48.739 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. 0.00 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

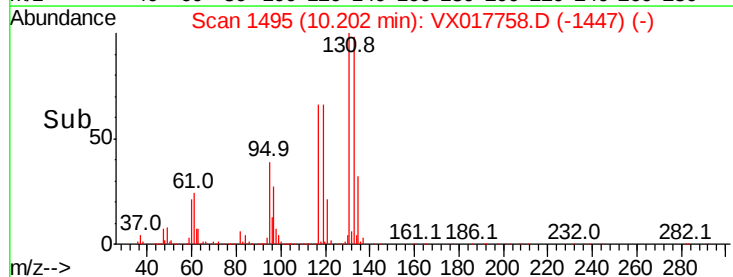
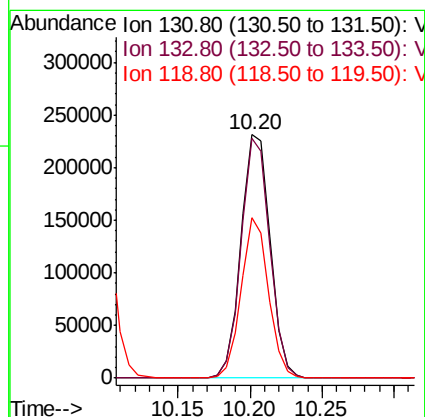
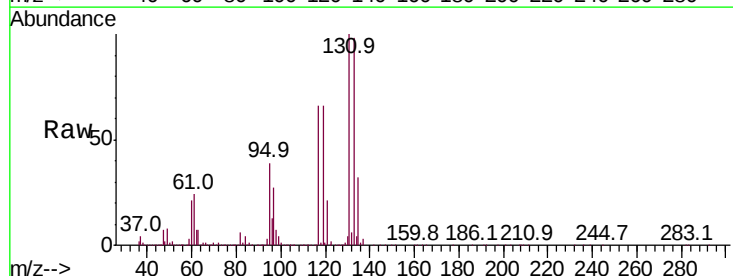
Instrument :  
MSVOA\_X  
ClientSampleId :

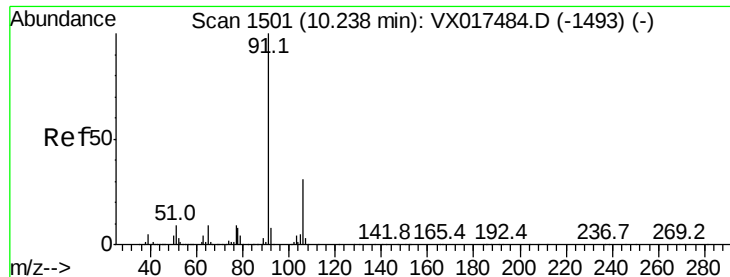
Tot Ion:112 Resp: 793462  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.635 ug/l  
RT: 10.20 min Scan# 1495  
Delta R.T. -0.01 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

Tgt Ion:131 Resp: 326122  
Ion Ratio Lower Upper  
131 100  
133 96.6 47.9 143.6  
119 61.6 31.1 93.3

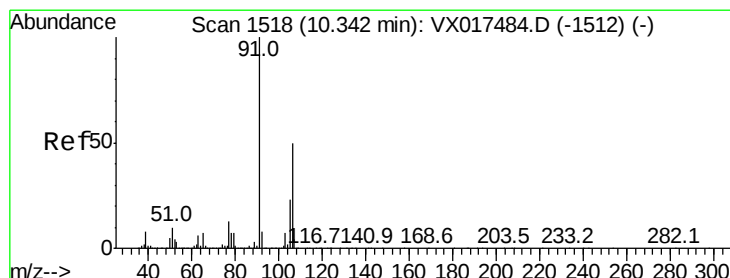
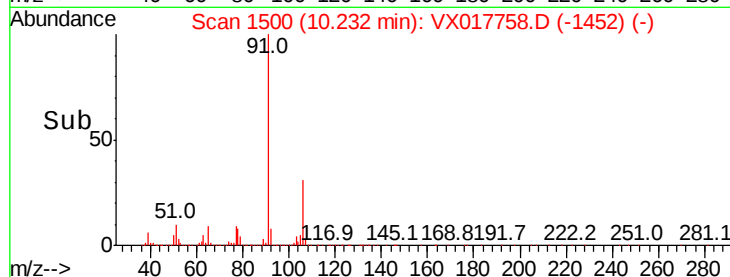
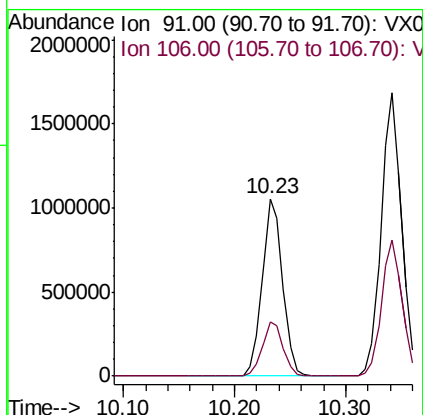
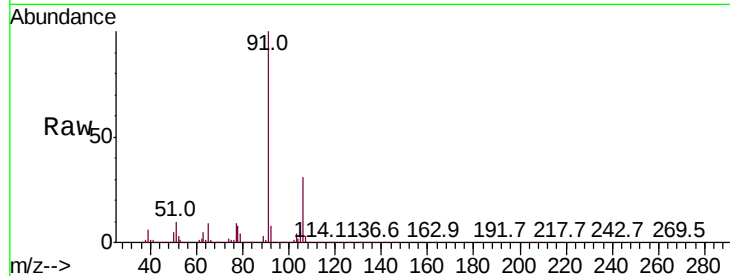




#67  
Ethyl Benzene  
Concen: 49.995 ug/l  
RT: 10.23 min Scan# 1500  
Delta R.T. -0.01 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

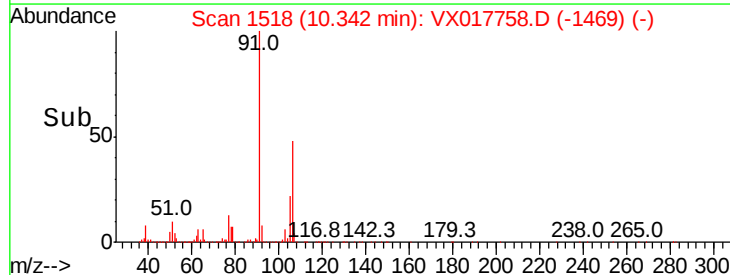
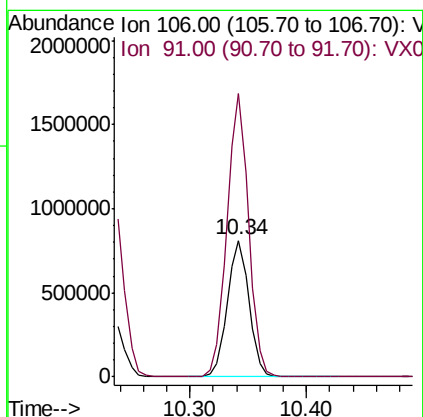
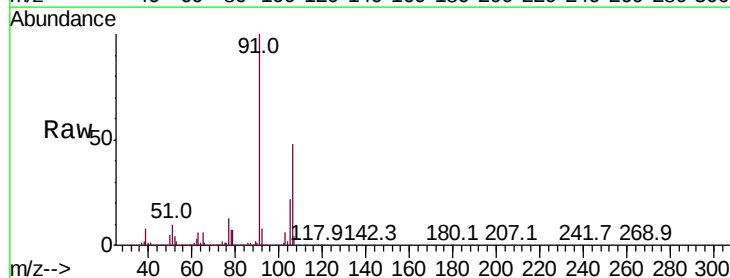
Instrument :  
MSVOA\_X  
ClientSampleId :

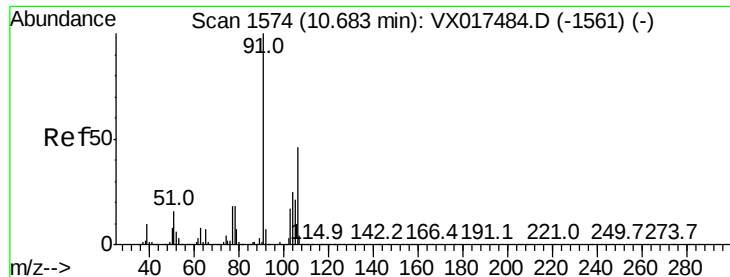
Tot Ion: 91 Resp: 1358641  
Ion Ratio Lower Upper  
91 100  
106 30.9 25.8 38.6



#68  
m/p-Xylenes  
Concen: 99.569 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. 0.00 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

Tgt Ion: 106 Resp: 1048239  
Ion Ratio Lower Upper  
106 100  
91 206.4 160.9 241.3

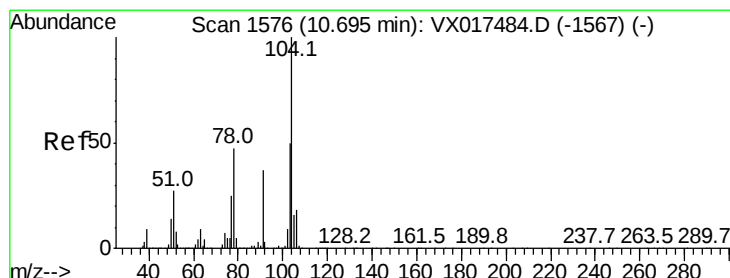
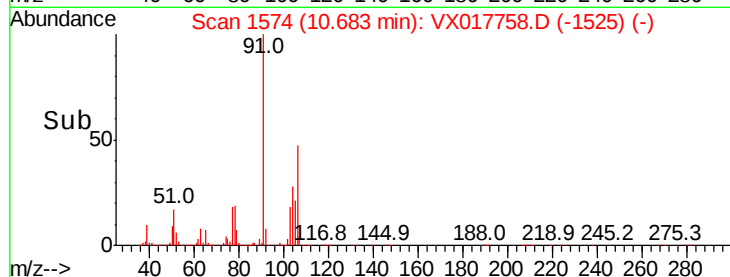
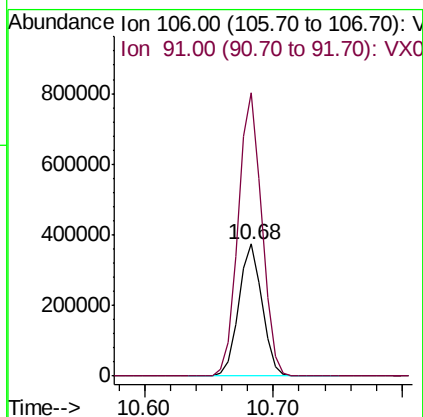
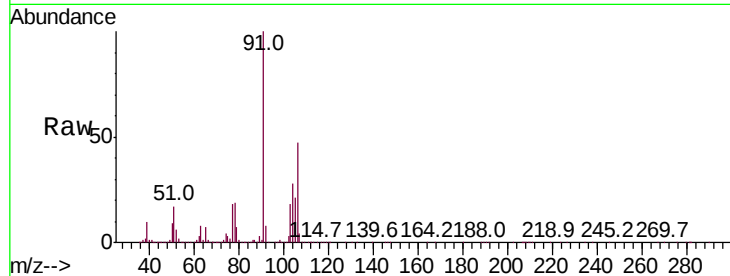




#69  
o-Xylene  
Concen: 46.215 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. 0.00 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

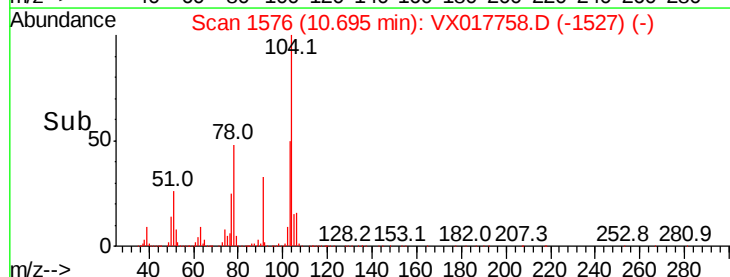
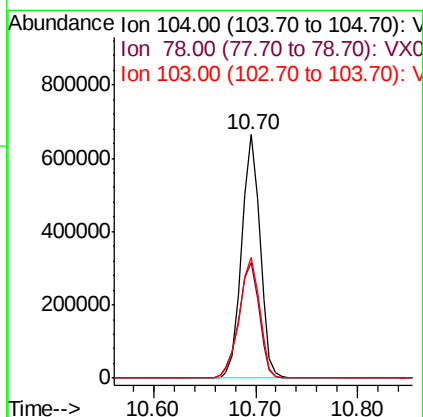
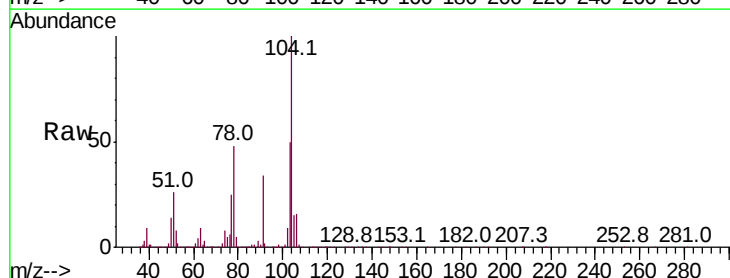
Instrument :  
MSVOA\_X  
ClientSampled :

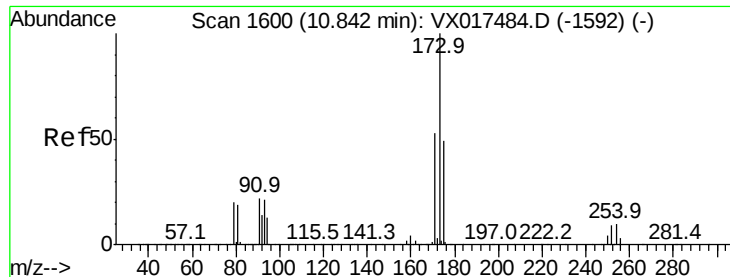
Tot Ion:106 Resp: 467944  
Ion Ratio Lower Upper  
106 100  
91 218.5 108.2 324.6



#70  
Styrene  
Concen: 47.842 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. 0.00 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

Tgt Ion:104 Resp: 824197  
Ion Ratio Lower Upper  
104 100  
78 52.9 42.5 63.7  
103 54.8 44.3 66.5





#71

Bromoform

Concen: 44.790 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA\_X

ClientSampleId :

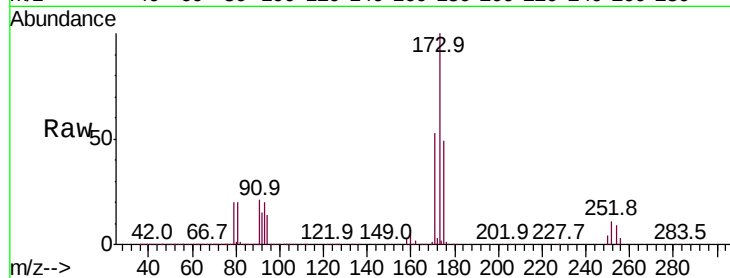
Tot Ion:173 Resp: 254962

Ion Ratio Lower Upper

173 100

175 48.6 23.8 71.5

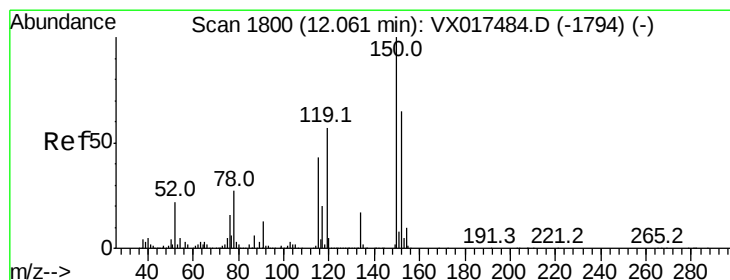
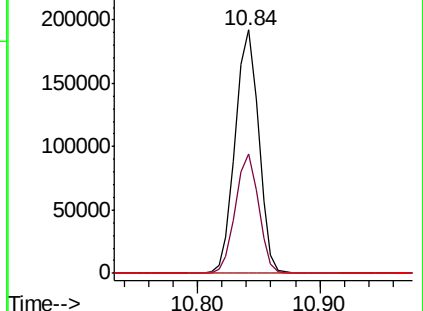
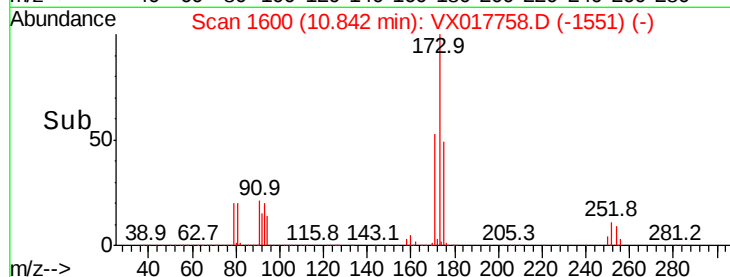
254 0.2 0.1 0.1#



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: VX017758.D

Acq: 04 Aug 2020 09:22

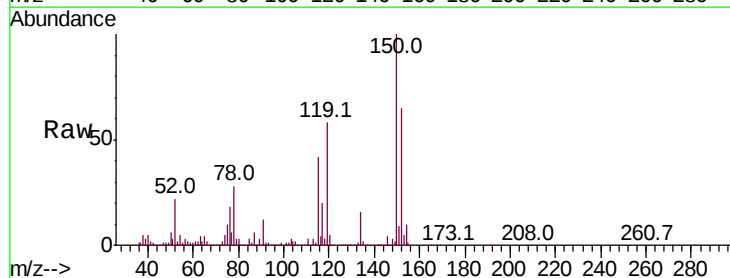
Tgt Ion:152 Resp: 384467

Ion Ratio Lower Upper

152 100

115 82.6 65.5 196.6

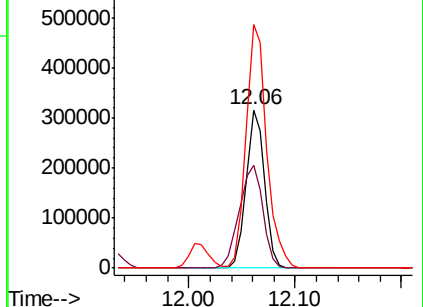
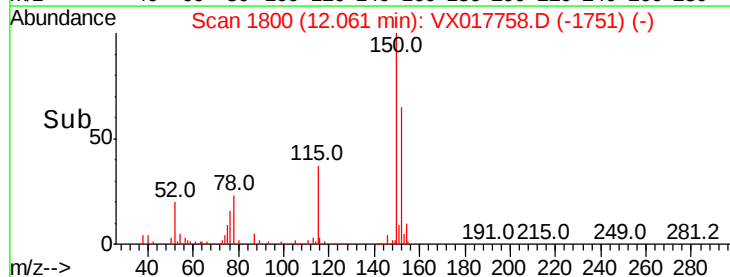
150 172.4 0.0 412.6

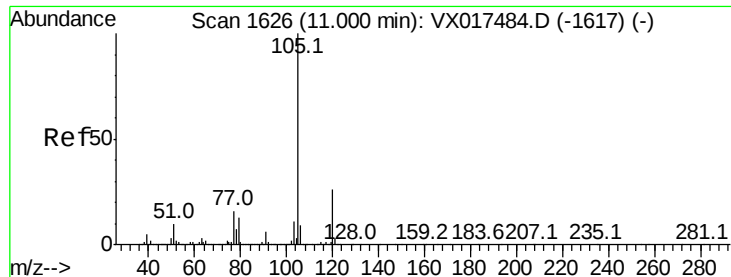


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.707 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA\_X

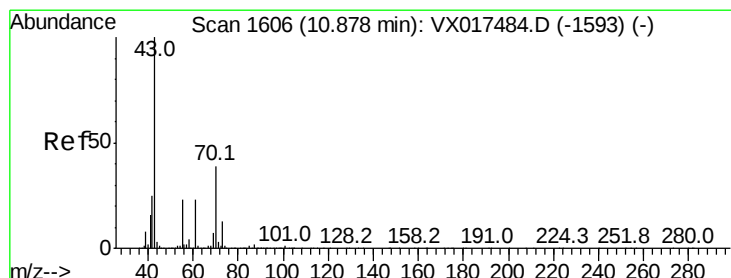
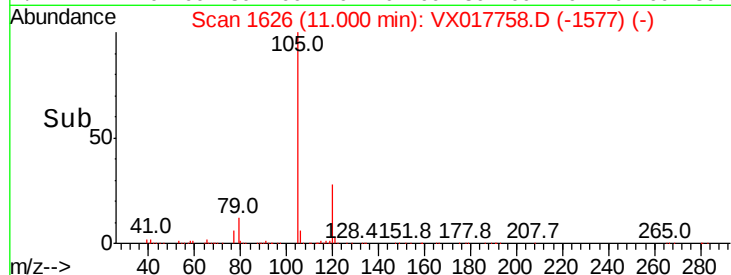
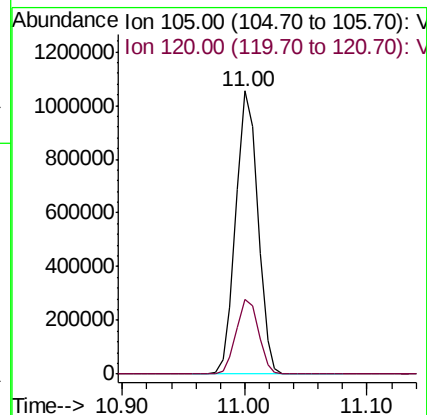
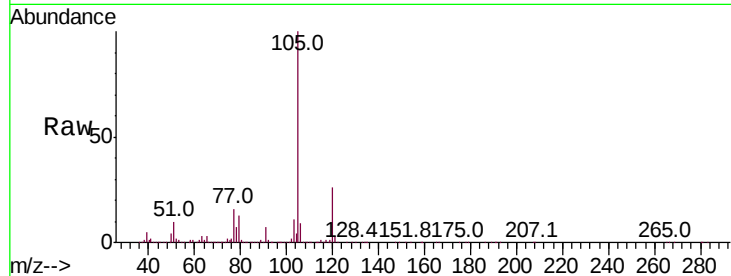
ClientSampleId :

Tot Ion:105 Resp: 1311041

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8



#74

N-ethyl acetate

Concen: 44.349 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Tgt Ion: 43 Resp: 519715

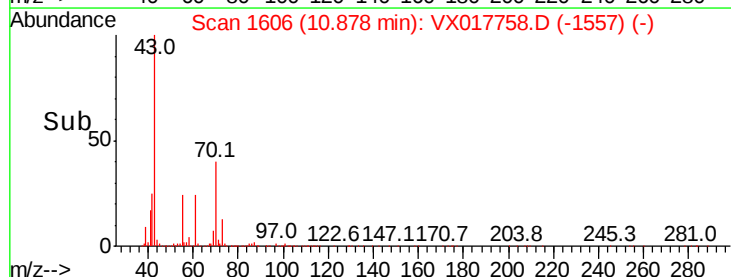
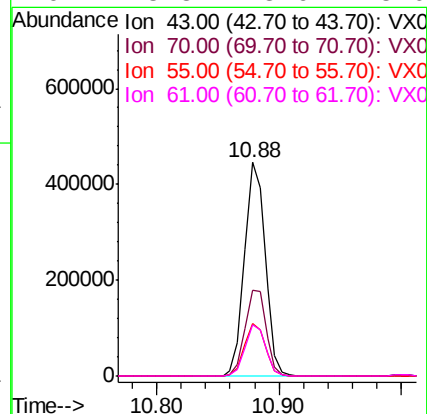
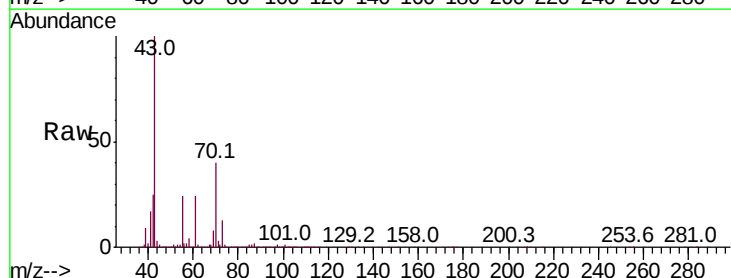
Ion Ratio Lower Upper

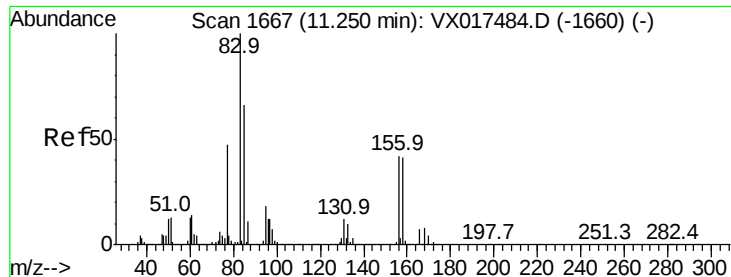
43 100

70 41.3 32.3 48.5

55 24.4 18.4 27.6

61 23.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.713 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA\_X

ClientSampleId :

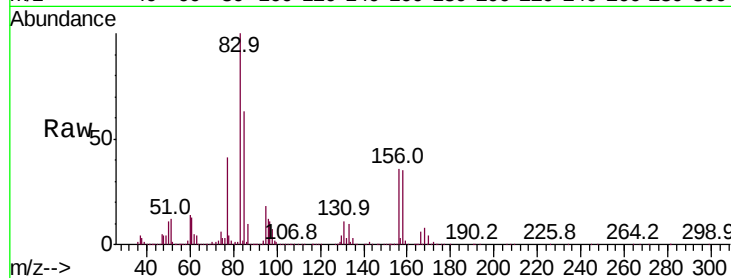
Tot Ion: 83 Resp: 368106

Ion Ratio Lower Upper

83 100

131 11.5 5.5 16.5

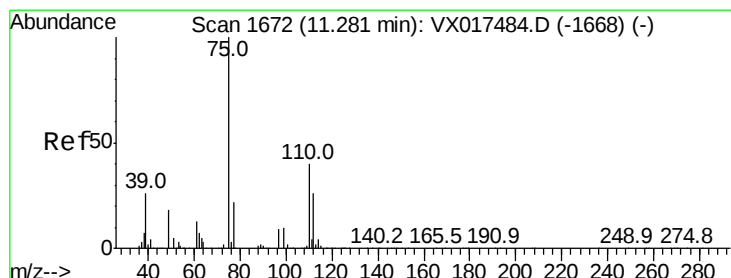
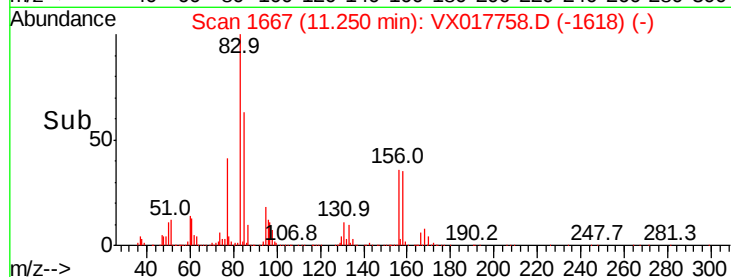
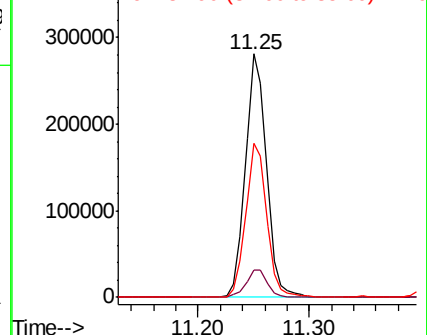
85 63.4 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 58.331 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017758.D

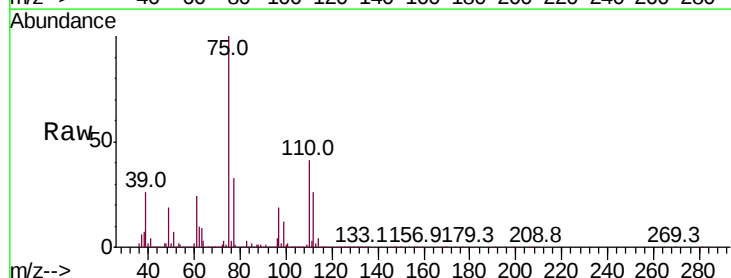
Acq: 04 Aug 2020 09:22

Tgt Ion: 75 Resp: 461321

Ion Ratio Lower Upper

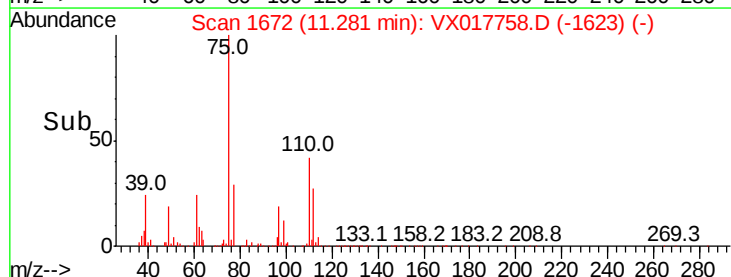
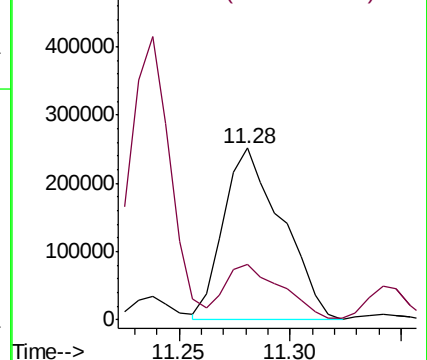
75 100

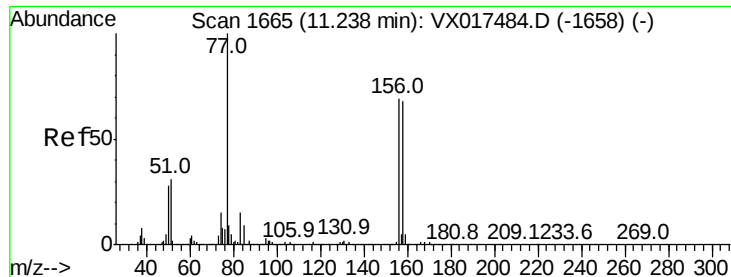
77 31.5 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.327 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA\_X

ClientSampleId :

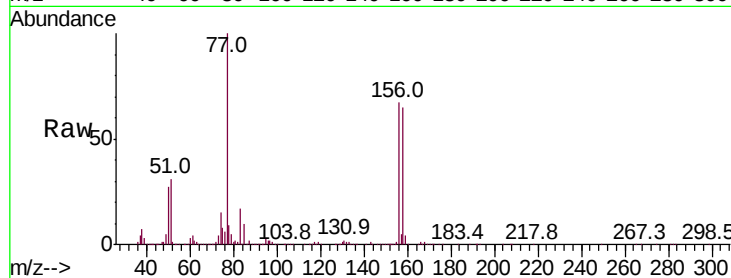
Tot Ion:156 Resp: 349452

Ion Ratio Lower Upper

156 100

77 150.6 75.0 225.0

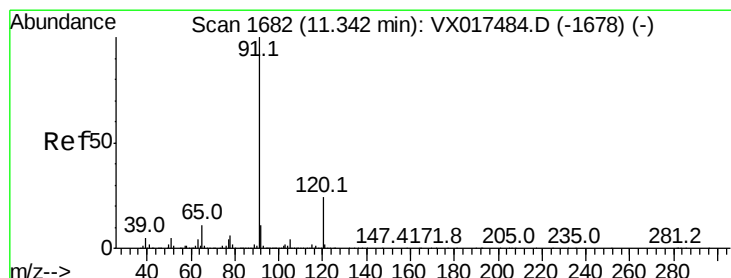
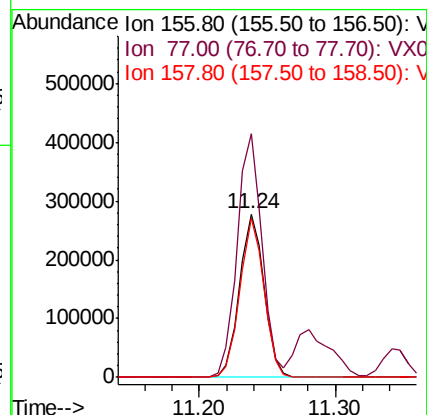
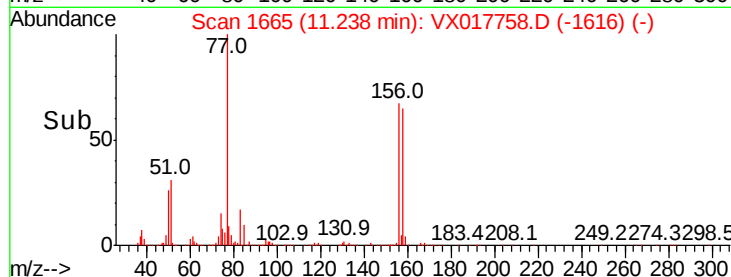
158 95.3 49.1 147.3



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: 51.379 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017758.D

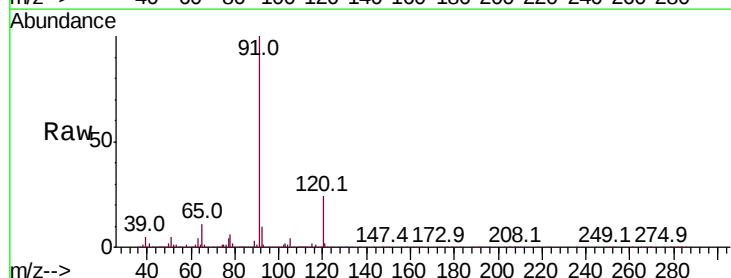
Acq: 04 Aug 2020 09:22

Tgt Ion: 91 Resp: 1528363

Ion Ratio Lower Upper

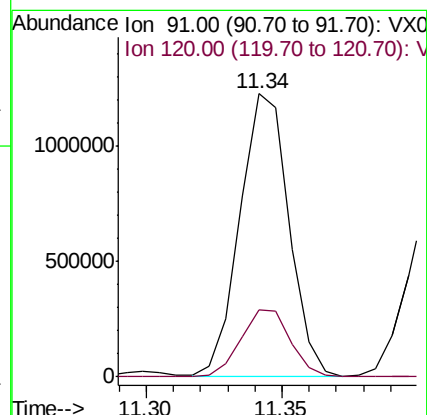
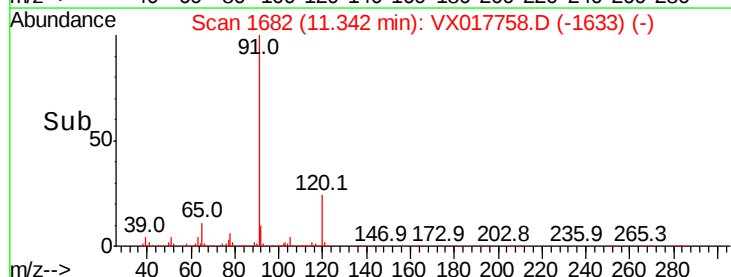
91 100

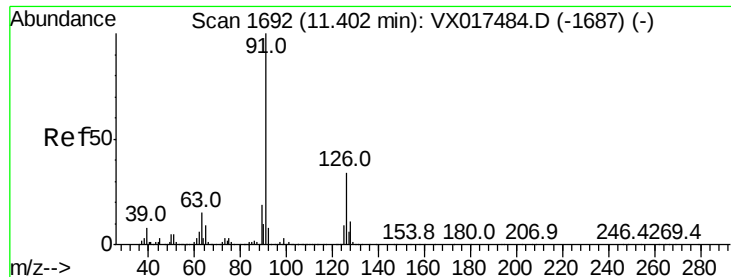
120 24.2 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.668 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA\_X

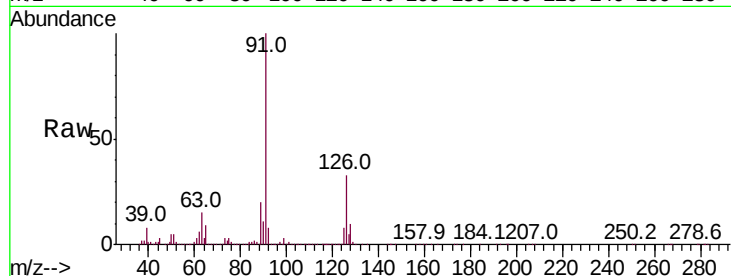
ClientSampleId :

Tot Ion: 91 Resp: 896813

Ion Ratio Lower Upper

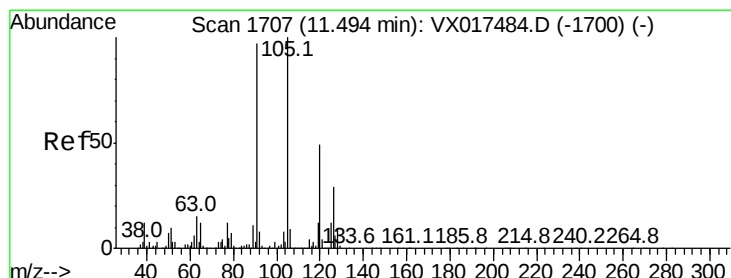
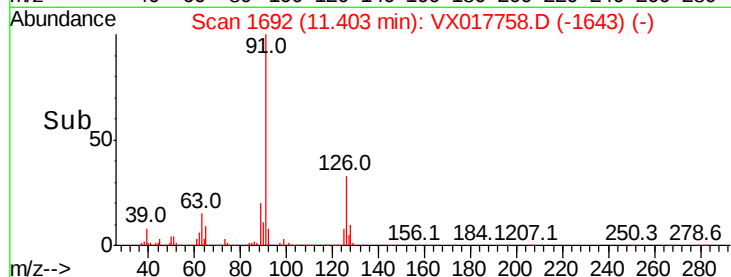
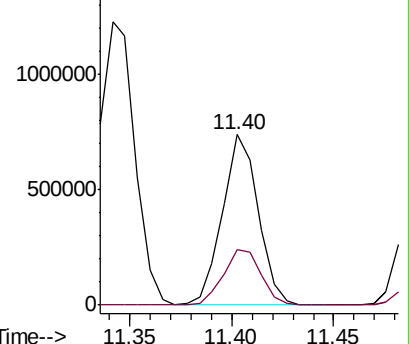
91 100

126 34.9 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX017484.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX017484.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.482 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017758.D

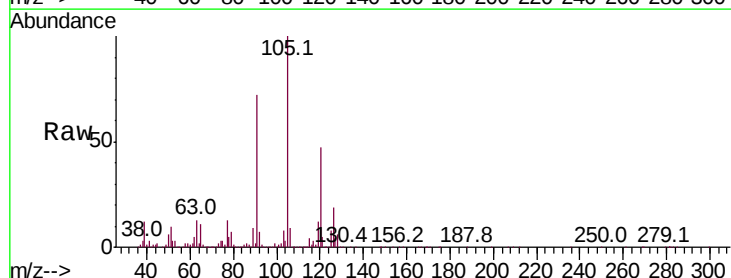
Acq: 04 Aug 2020 09:22

Tgt Ion: 105 Resp: 1136825

Ion Ratio Lower Upper

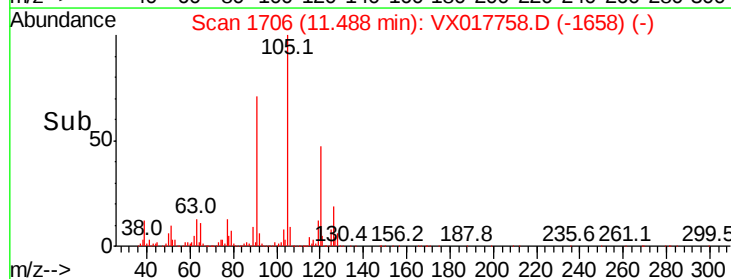
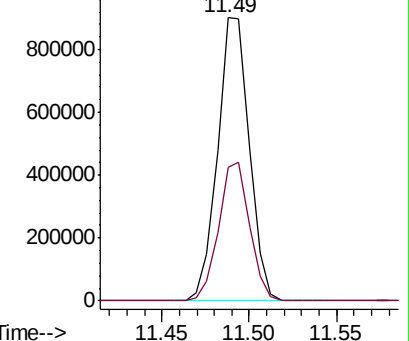
105 100

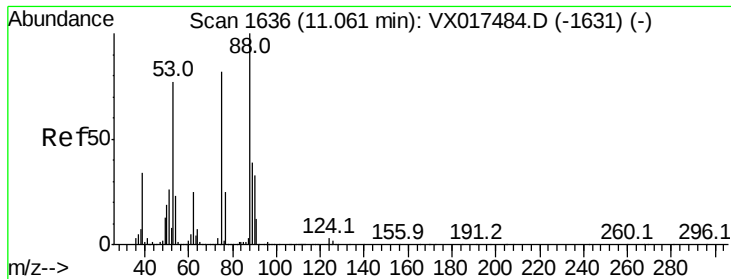
120 47.9 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX017484.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX017484.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 45.871 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA\_X

ClientSampleId :

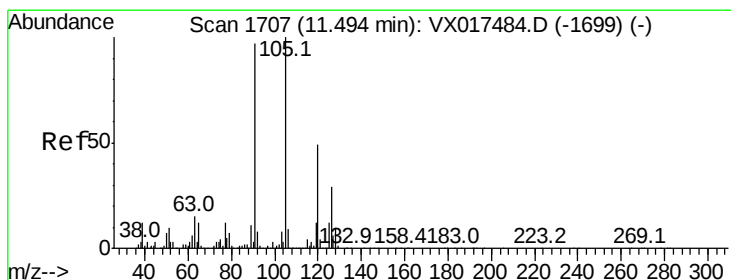
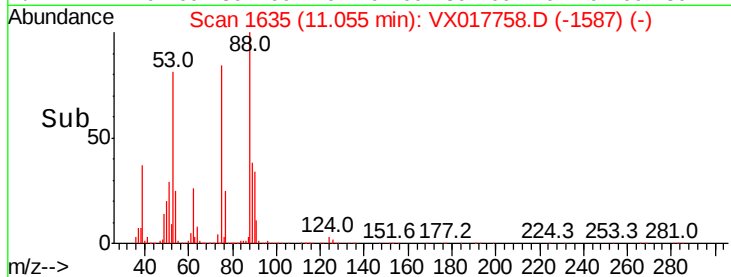
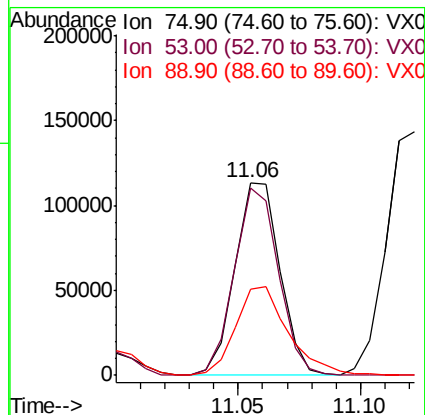
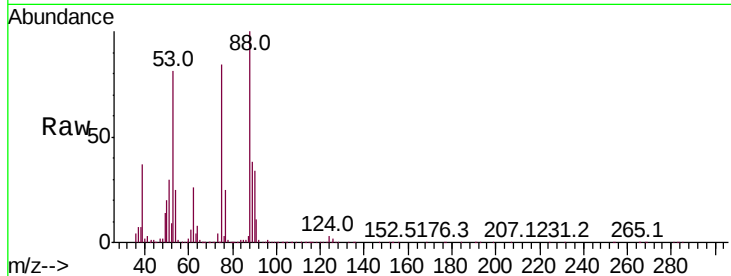
Tot Ion: 75 Resp: 143973

Ion Ratio Lower Upper

75 100

53 96.3 75.9 113.9

89 54.0 37.8 56.6



#82

4-Chlorotoluene

Concen: 49.086 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017758.D

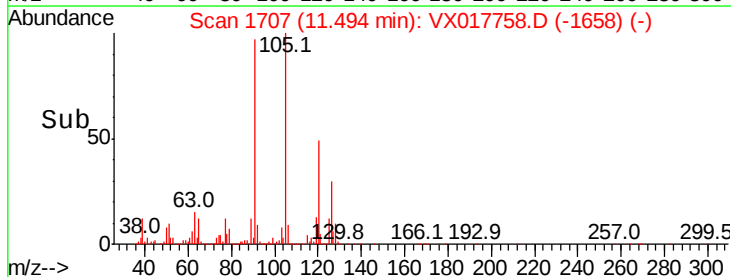
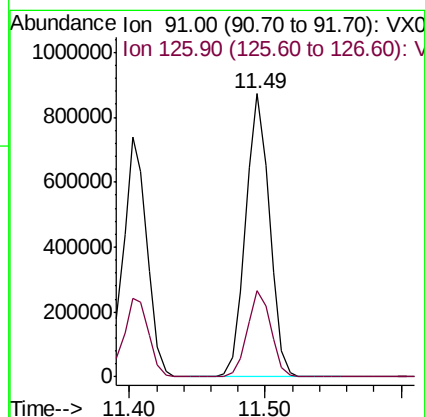
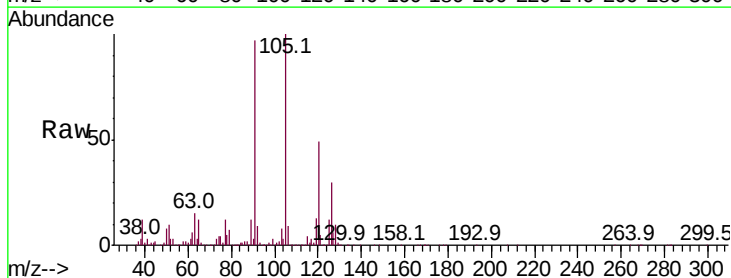
Acq: 04 Aug 2020 09:22

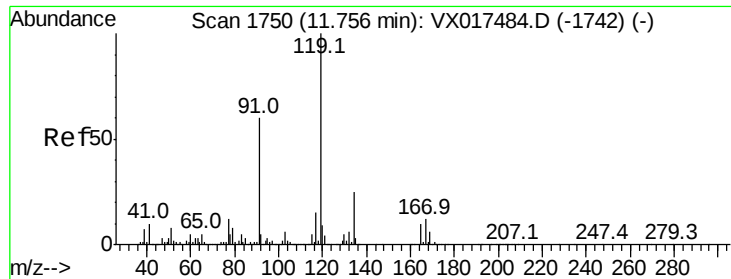
Tgt Ion: 91 Resp: 1066972

Ion Ratio Lower Upper

91 100

126 30.5 15.2 45.6

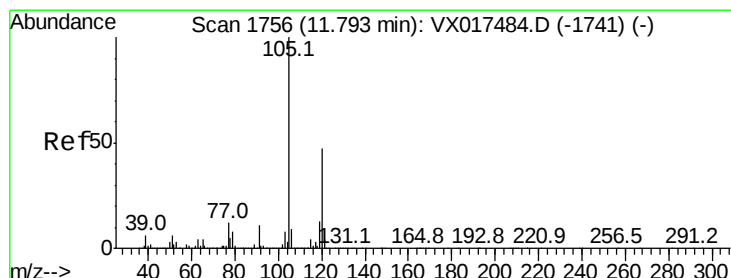
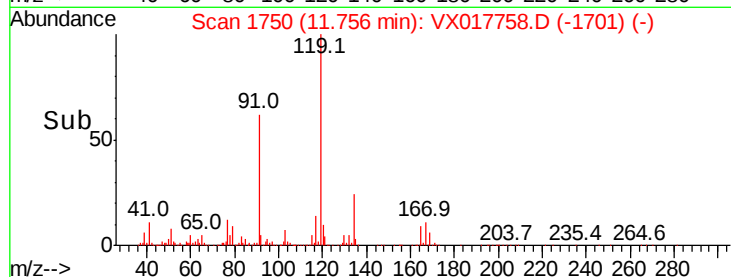
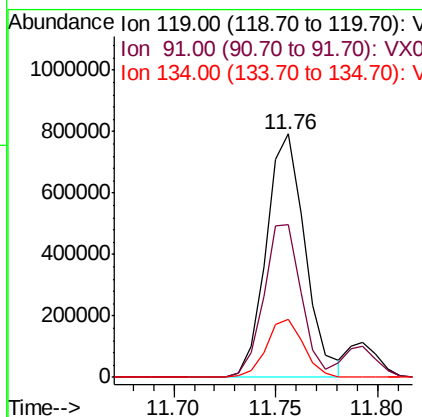
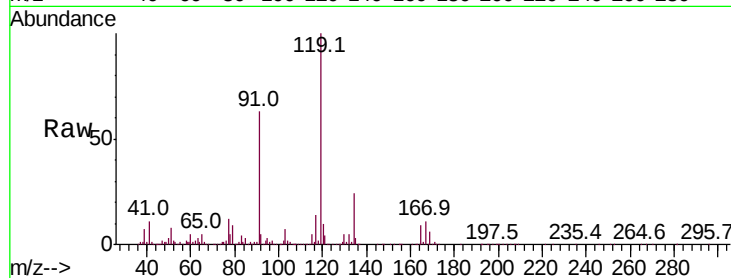




#83  
tert-Butylbenzene  
Concen: 48.904 ug/l  
RT: 11.76 min Scan# 1750  
Delta R.T. 0.00 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

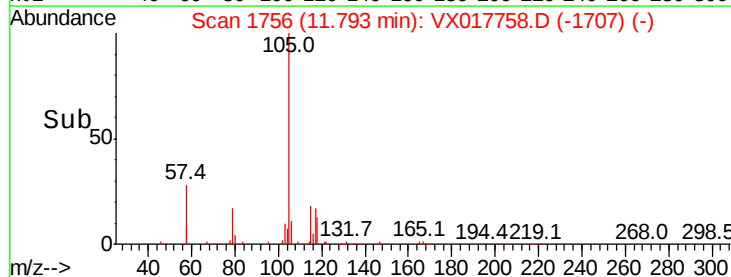
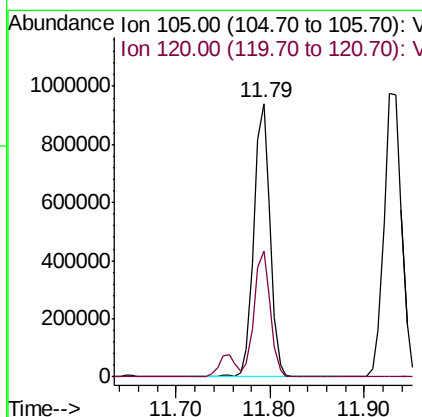
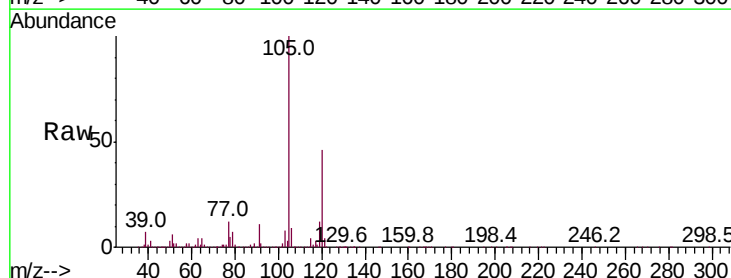
Instrument :  
MSVOA\_X  
ClientSampled :

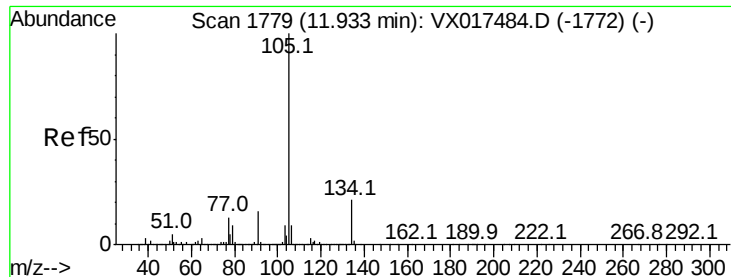
Tot Ion:119 Resp: 1053779  
Ion Ratio Lower Upper  
119 100  
91 60.6 29.3 88.0  
134 22.6 11.2 33.6



#84  
1,2,4-Trimethylbenzene  
Concen: 51.023 ug/l  
RT: 11.79 min Scan# 1756  
Delta R.T. 0.00 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

Tgt Ion:105 Resp: 1142832  
Ion Ratio Lower Upper  
105 100  
120 45.7 22.7 68.0





#85

sec-Butylbenzene

Concen: 50.539 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA\_X

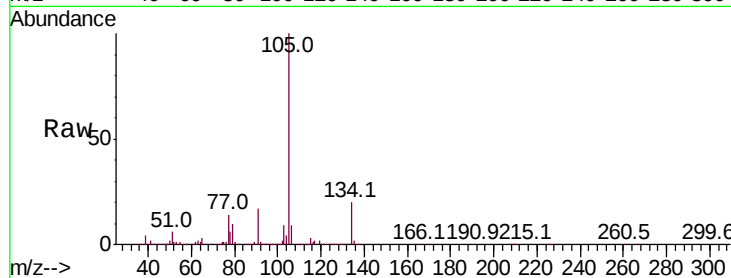
ClientSampleId :

Tot Ion:105 Resp: 1268601

Ion Ratio Lower Upper

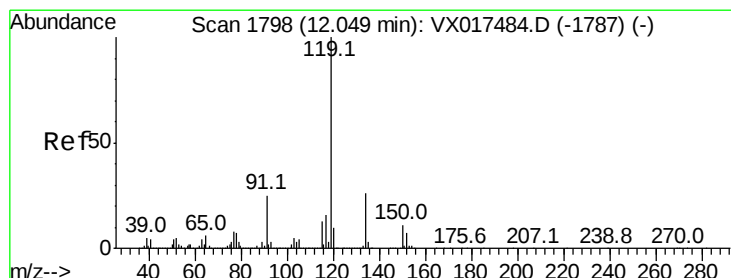
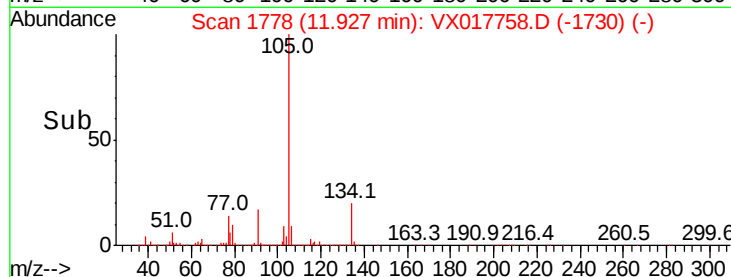
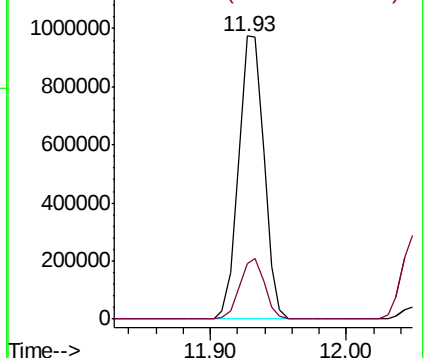
105 100

134 20.9 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.221 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

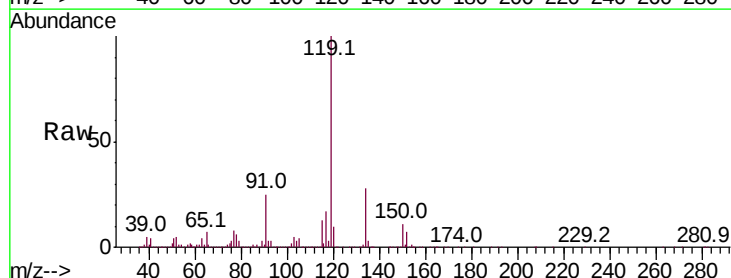
Tgt Ion:119 Resp: 1200490

Ion Ratio Lower Upper

119 100

134 27.4 13.1 39.3

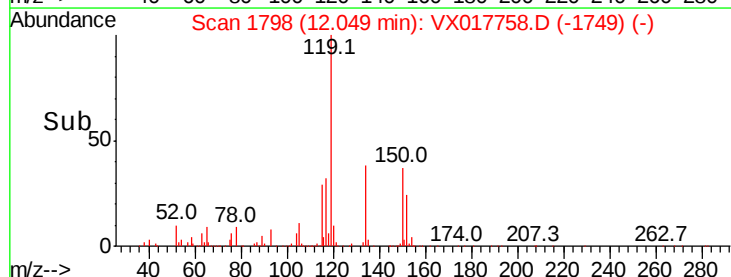
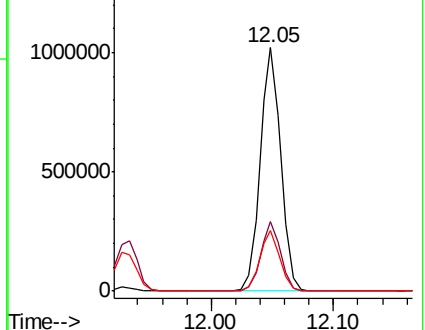
91 24.4 12.1 36.3

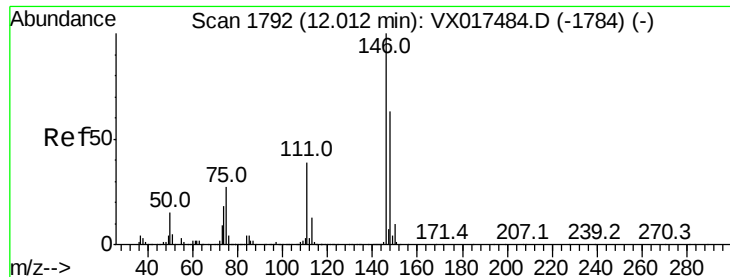


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 47.826 ug/l

RT: 12.01 min Scan# 1792

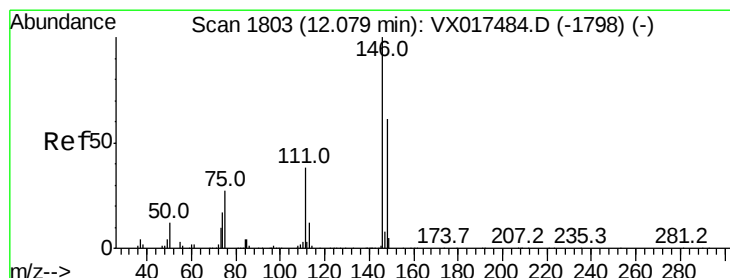
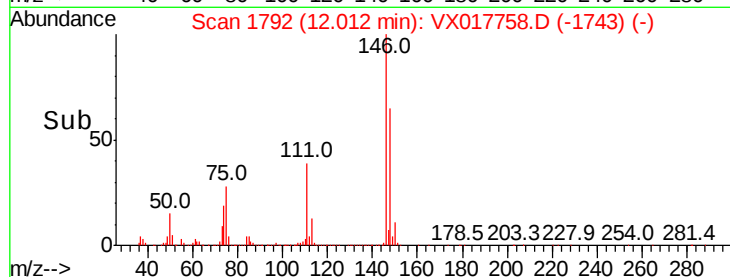
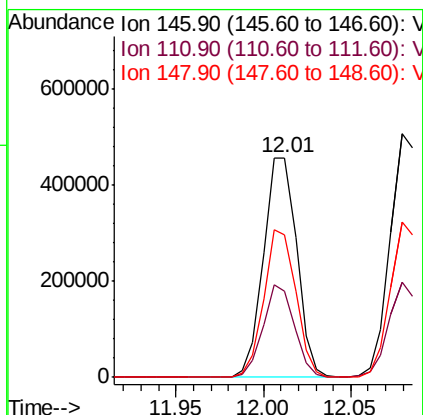
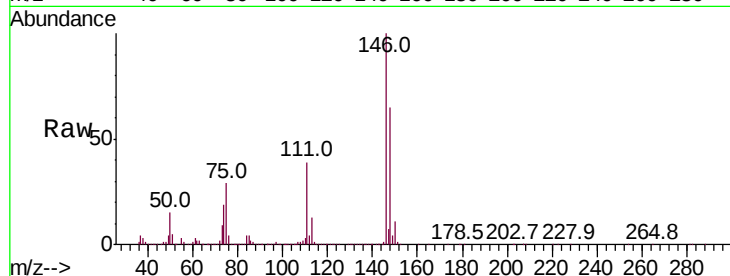
Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.7  | 19.9  | 59.7  |
| 148     | 64.6  | 31.6  | 95.0  |



#88

1,4-Dichlorobenzene

Concen: 47.487 ug/l

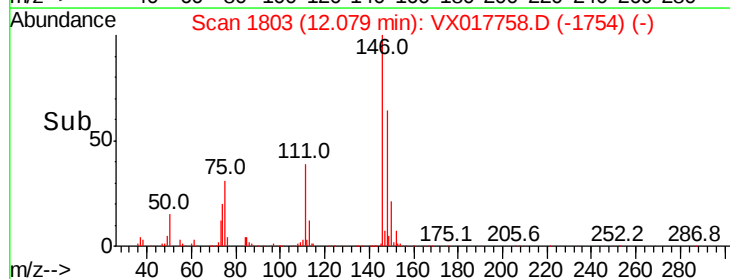
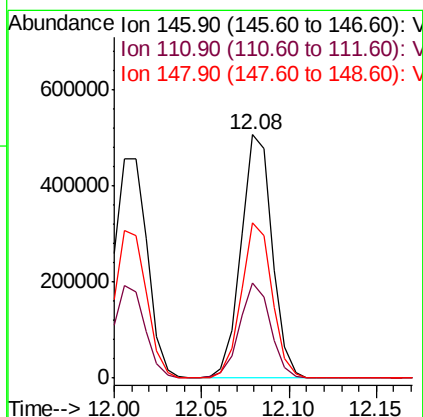
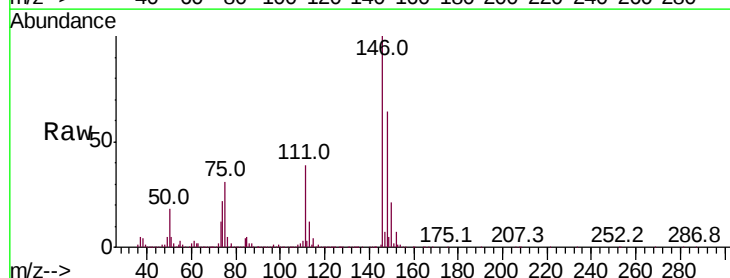
RT: 12.08 min Scan# 1803

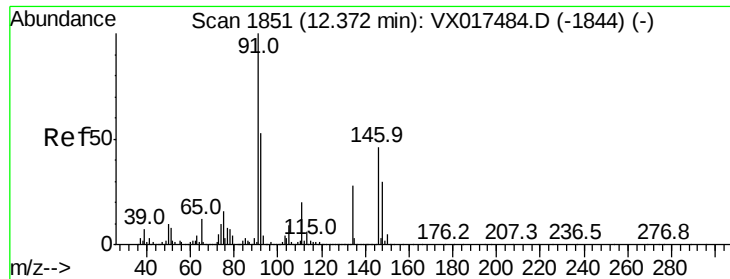
Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.0  | 19.3  | 57.8  |
| 148     | 63.3  | 32.2  | 96.6  |





#89

n-Butylbenzene

Concen: 49.643 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA\_X

ClientSampled :

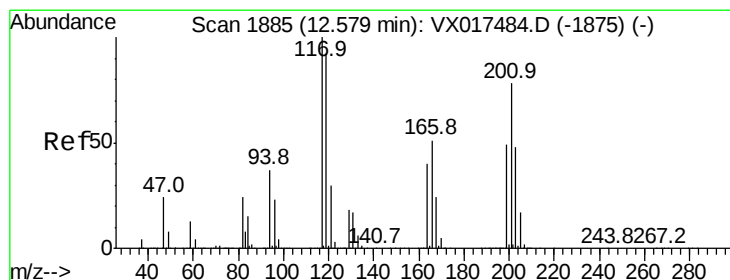
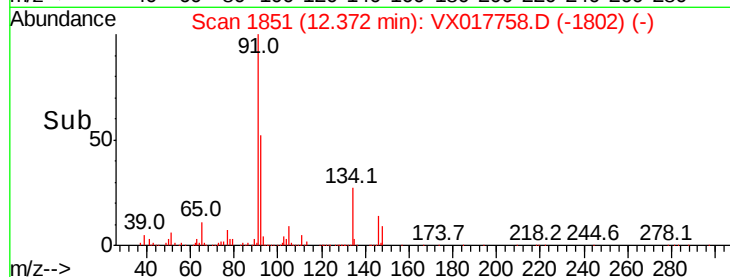
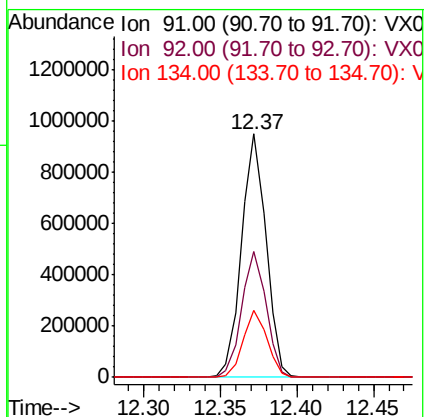
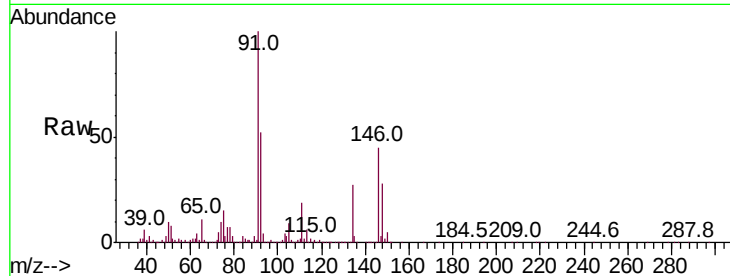
Tot Ion: 91 Resp: 1057399

Ion Ratio Lower Upper

91 100

92 52.0 26.7 80.1

134 26.9 13.6 40.7



#90

Hexachloroethane

Concen: 48.018 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX017758.D

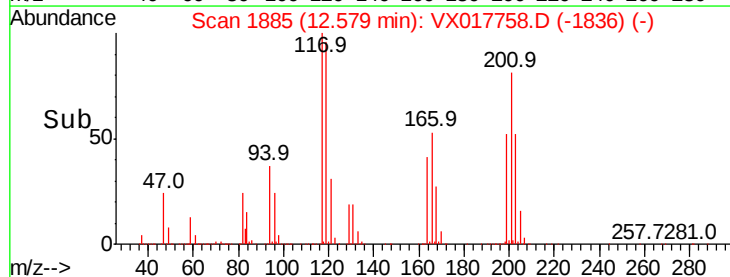
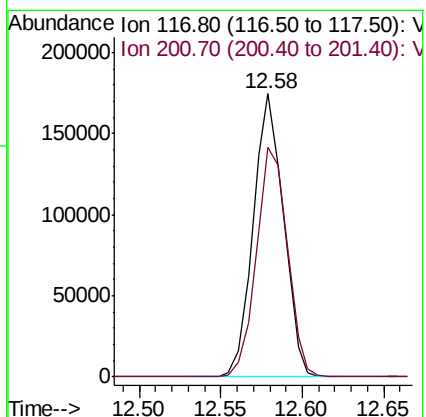
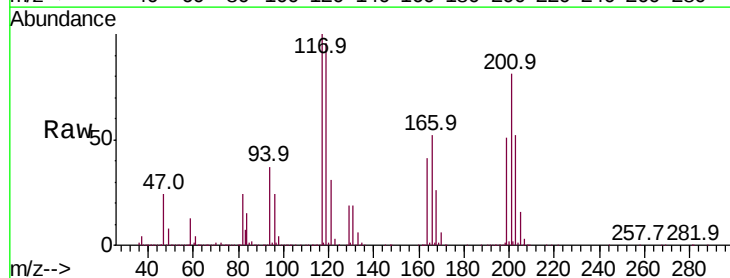
Acq: 04 Aug 2020 09:22

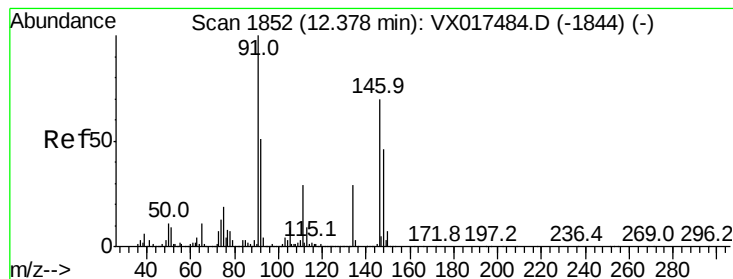
Tgt Ion: 117 Resp: 226296

Ion Ratio Lower Upper

117 100

201 82.8 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 47.955 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA\_X

ClientSampleId :

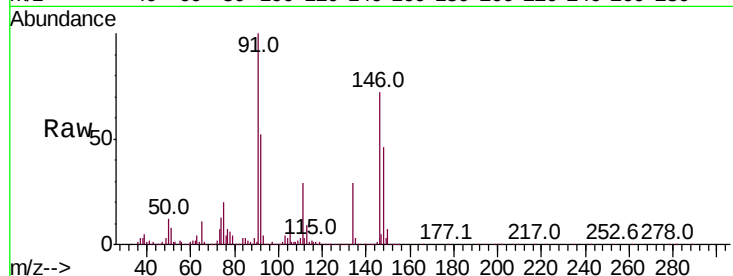
Tot Ion:146 Resp: 597619

Ion Ratio Lower Upper

146 100

111 41.6 20.9 62.8

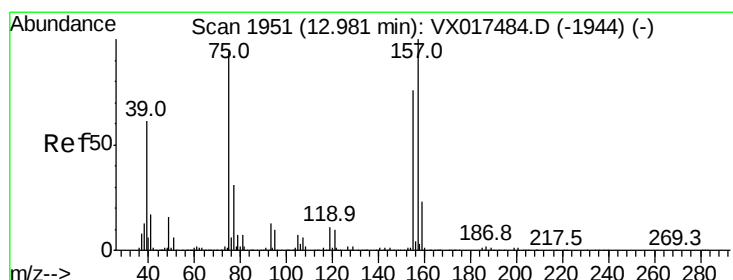
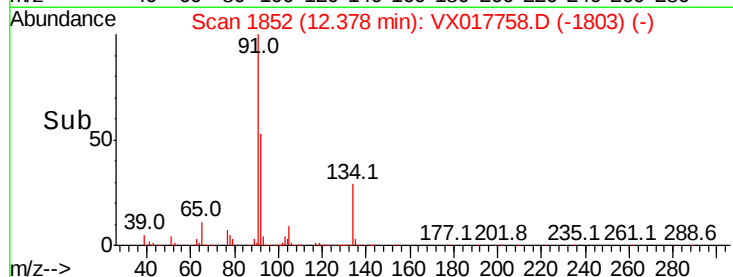
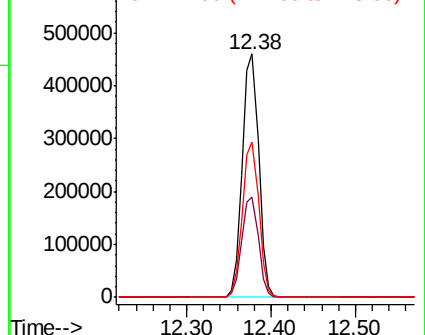
148 63.7 32.8 98.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.036 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

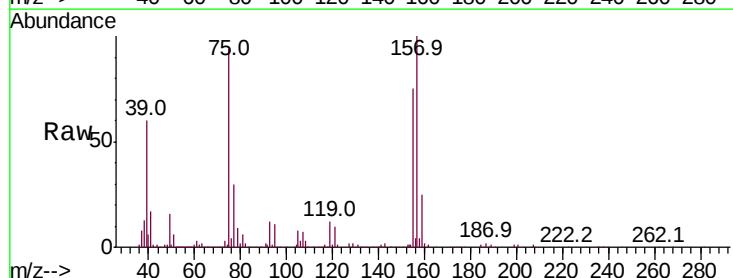
Tgt Ion: 75 Resp: 96859

Ion Ratio Lower Upper

75 100

155 84.3 42.3 126.8

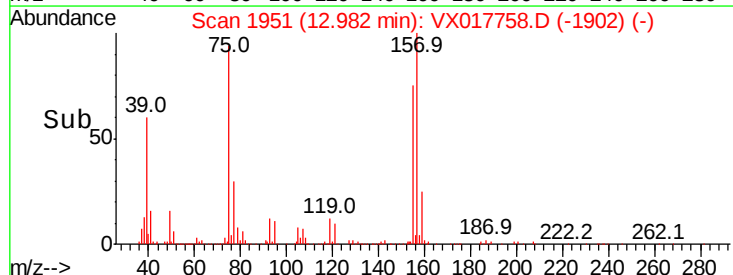
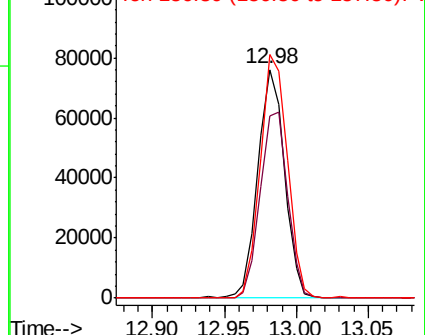
157 108.4 54.3 162.9

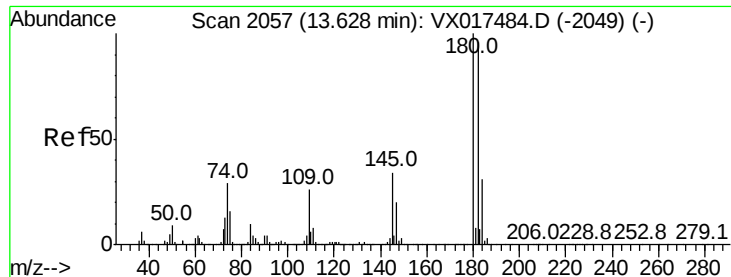


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

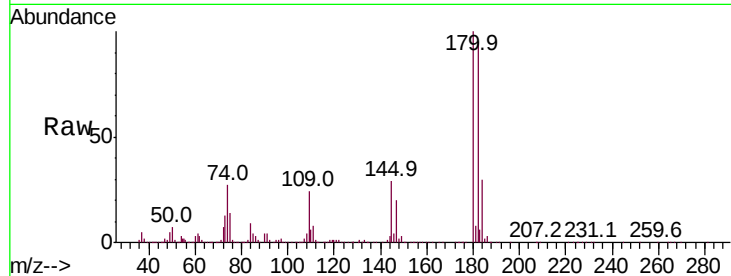




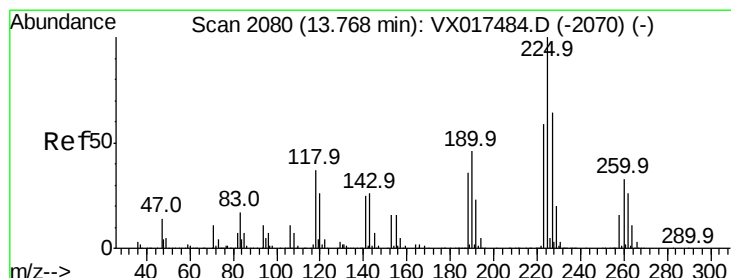
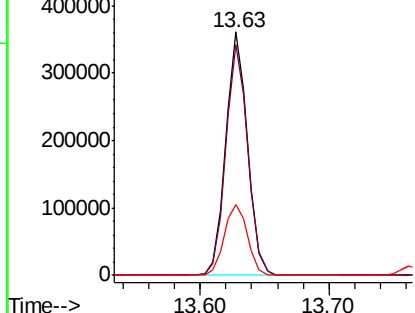
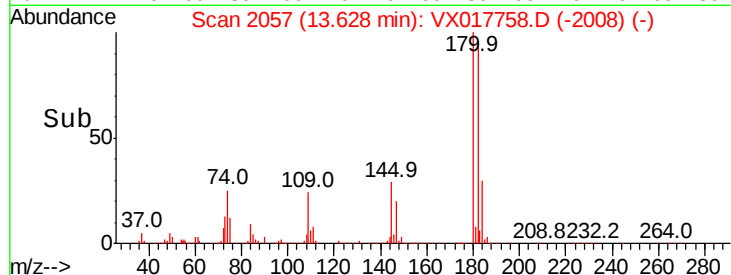
#93  
1,2,4-Trichlorobenzene  
Concen: 50.396 ug/l  
RT: 13.63 min Scan# 2057  
Delta R.T. 0.00 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.9  | 47.5  | 142.6 |
| 145     | 31.0  | 15.4  | 46.4  |

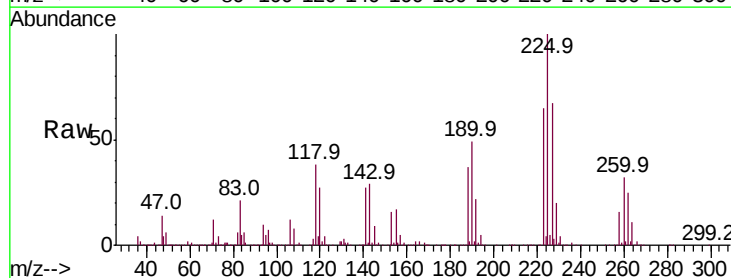


Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.80 (144.50 to 145.50): V

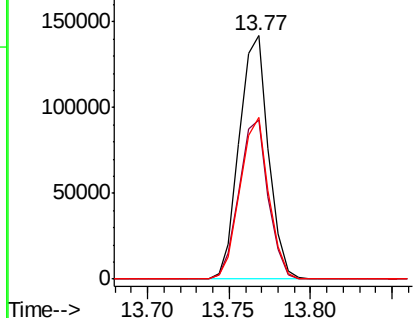
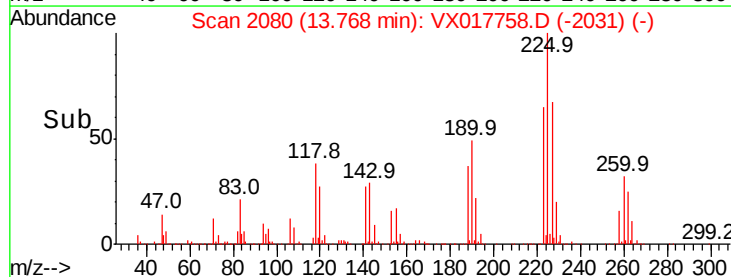


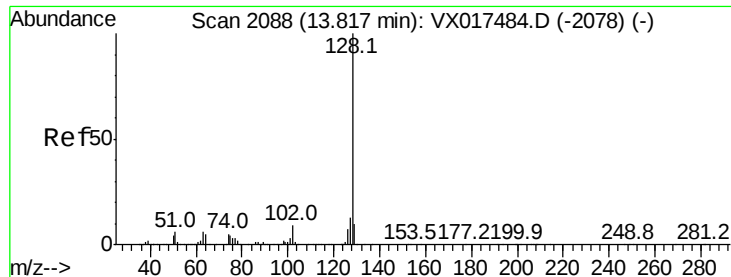
#94  
Hexachlorobutadiene  
Concen: 45.302 ug/l  
RT: 13.77 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 65.4  | 30.3  | 90.9  |
| 227     | 65.4  | 31.1  | 93.2  |



Abundance Ion 224.70 (224.40 to 225.40): V  
Ion 222.70 (222.40 to 223.40): V  
Ion 226.70 (226.40 to 227.40): V

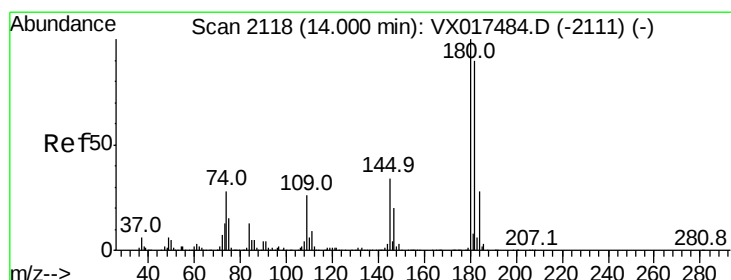
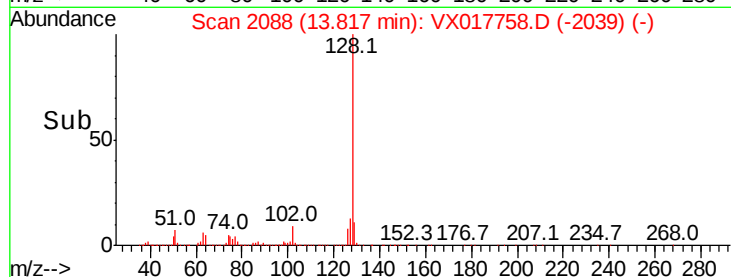
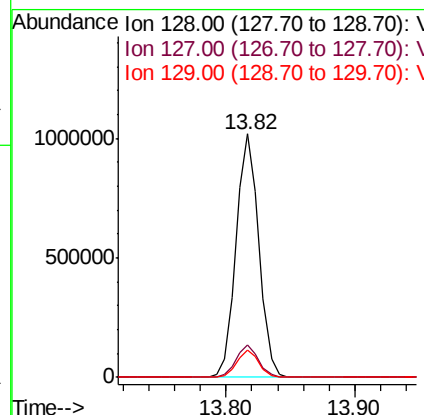
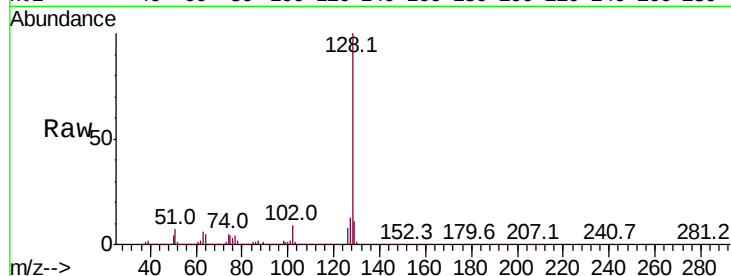




#95  
Naphthalene  
Concen: 49.702 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. 0.00 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:128 Resp: 1261923  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.4 15.6  
129 10.7 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 51.310 ug/l  
RT: 14.01 min Scan# 2119  
Delta R.T. 0.01 min  
Lab File: VX017758.D  
Acq: 04 Aug 2020 09:22

Tgt Ion:180 Resp: 430899  
Ion Ratio Lower Upper  
180 100  
182 95.6 47.4 142.3  
145 32.2 16.3 48.9

