

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060621\  
 Data File : VX022503.D  
 Acq On : 07 Jun 2021 01:58  
 Operator : JC/MD  
 Sample : VX0606WBL02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0606WBL02

Quant Time: Jun 07 04:31:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 19 14:23:10 2021  
 Response via : Initial Calibration

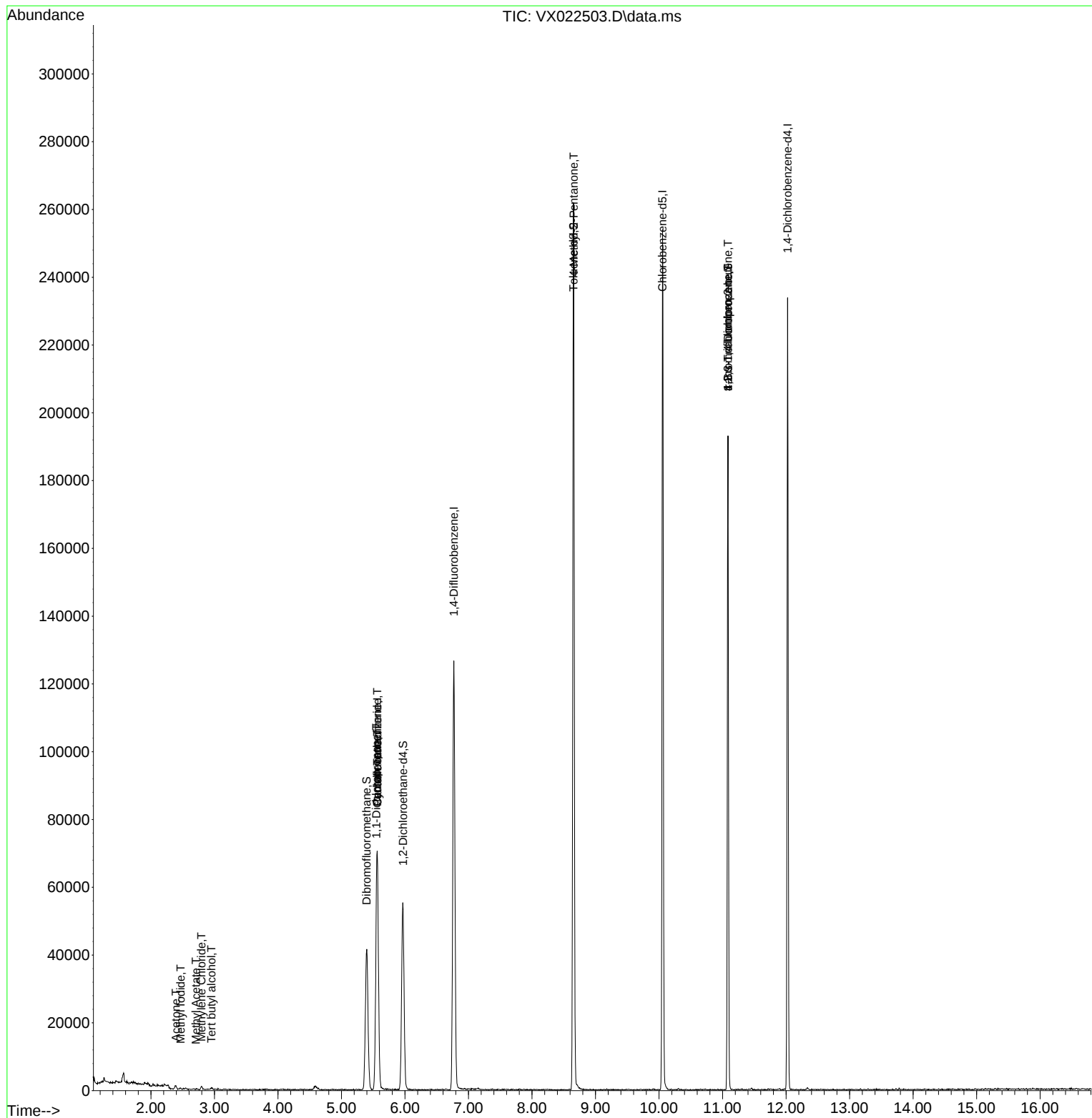
| Compound                      | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                         |           |       |          |          |            |          |
| Internal Standards            |           |       |          |          |            |          |
| 1) Pentafluorobenzene         | 5.562     | 168   | 60715    | 50.000   | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene       | 6.769     | 114   | 125666   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 10.055    | 117   | 108651   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024    | 152   | 41690    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds   |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4     | 5.970     | 65    | 50608    | 54.035   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 78 - 117 | Recovery | = 108.080% |          |
| 35) Dibromofluoromethane      | 5.397     | 113   | 36098    | 45.297   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 75 - 124 | Recovery | = 90.600%  |          |
| 50) Toluene-d8                | 8.653     | 98    | 150911   | 49.160   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 92 - 112 | Recovery | = 98.320%  |          |
| 62) 4-Bromofluorobenzene      | 11.085    | 95    | 51773    | 45.629   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 83 - 123 | Recovery | = 91.260%  |          |
| Target Compounds              |           |       |          |          |            |          |
|                               |           |       |          |          | Qvalue     |          |
| 10) Methyl Iodide             | 2.465     | 142   | 231      | 0.299    | ug/l       | # 79     |
| 11) Tert butyl alcohol        | 2.953     | 59    | 240      | 1.120    | ug/l       | # 73     |
| 16) Acetone                   | 2.392     | 43    | 1240     | 3.041    | ug/l       | # 86     |
| 18) Methyl Acetate            | 2.709     | 43    | 296      | 0.273    | ug/l       | # 47     |
| 20) Methylene Chloride        | 2.794     | 84    | 399      | 0.441    | ug/l       | # 85     |
| 31) Cyclohexane               | 5.562     | 56    | 1827     | 1.552    | ug/l       | # 32     |
| 36) 1,1-Dichloropropene       | 5.550     | 75    | 5783     | 4.977    | ug/l       | # 41     |
| 38) Carbon Tetrachloride      | 5.562     | 117   | 6779     | 5.964    | ug/l       | # 18     |
| 51) 4-Methyl-2-Pentanone      | 8.659     | 43    | 767      | 0.550    | ug/l       | # 1      |
| 76) 1,2,3-Trichloropropane    | 11.085    | 75    | 27856    | 27.084   | ug/l       | # 39     |
| 81) trans-1,4-Dichloro-2-b... | 11.085    | 75    | 27856    | 64.172   | ug/l       | # 12     |
| -----                         |           |       |          |          |            |          |

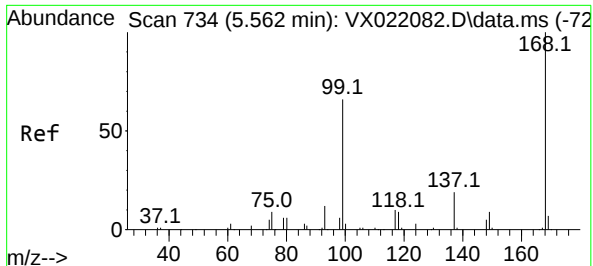
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060621\  
Data File : VX022503.D  
Acq On : 07 Jun 2021 01:58  
Operator : JC/MD  
Sample : VX0606WBL02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0606WBL02

Quant Time: Jun 07 04:31:06 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 19 14:23:10 2021  
Response via : Initial Calibration

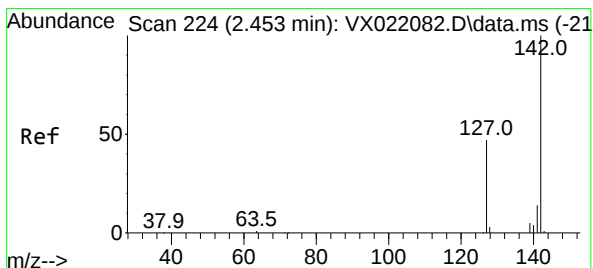
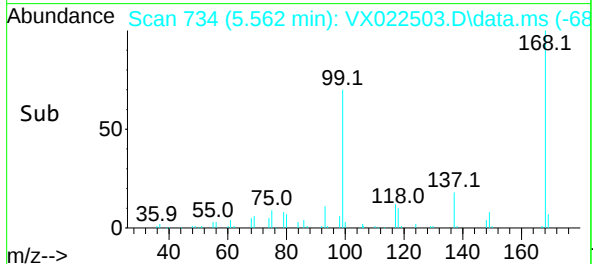
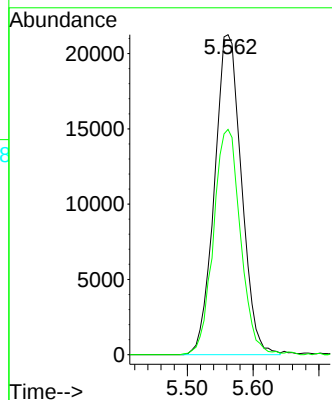
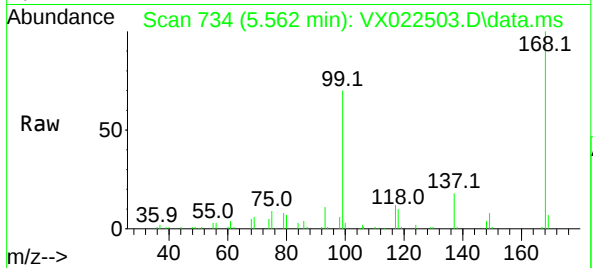




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX022503.D  
Acq: 07 Jun 2021 01:58

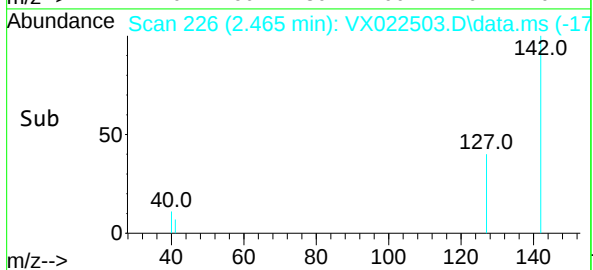
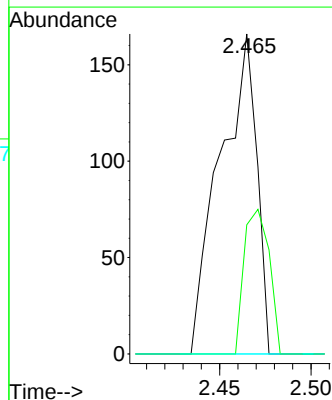
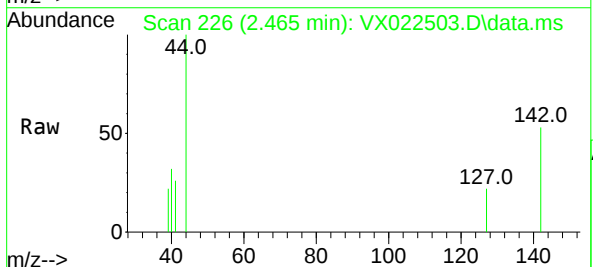
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0606WBL02

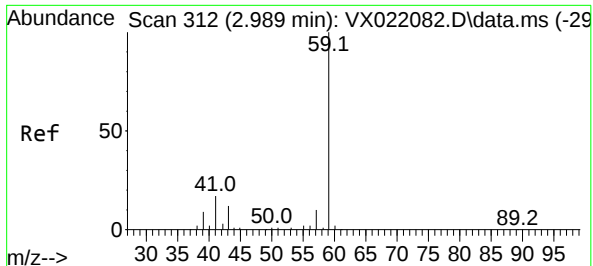
Tgt Ion:168 Resp: 60715  
Ion Ratio Lower Upper  
168 100  
99 70.4 45.8 68.6#



#10  
Methyl Iodide  
Concen: 0.299 ug/l  
RT: 2.465 min Scan# 226  
Delta R.T. 0.012 min  
Lab File: VX022503.D  
Acq: 07 Jun 2021 01:58

Tgt Ion:142 Resp: 231  
Ion Ratio Lower Upper  
142 100  
127 31.2 33.3 49.9#  
141 0.0 11.4 17.0#



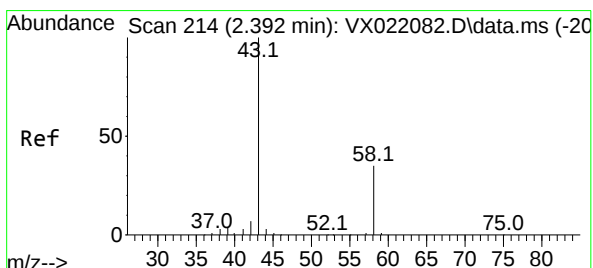
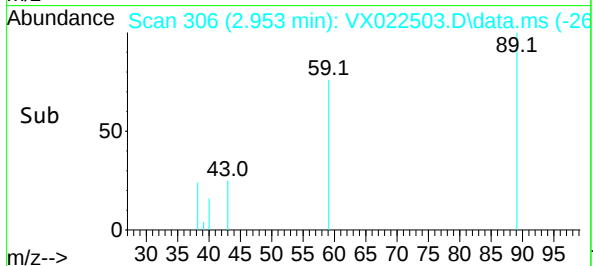
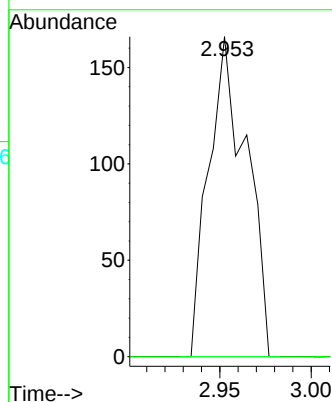
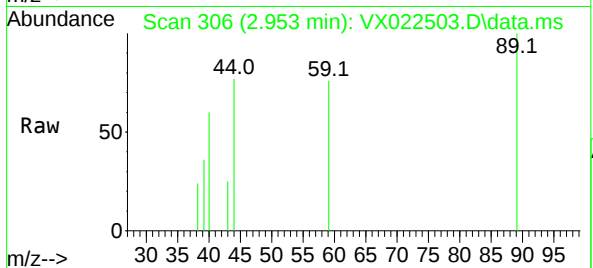


#11

Tert butyl alcohol  
Concen: 1.120 ug/l  
RT: 2.953 min Scan# 306  
Delta R.T. -0.036 min  
Lab File: VX022503.D  
Acq: 07 Jun 2021 01:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0606WBL02

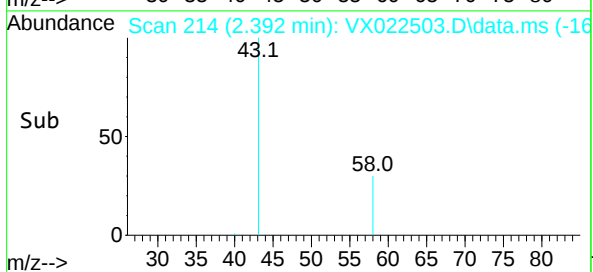
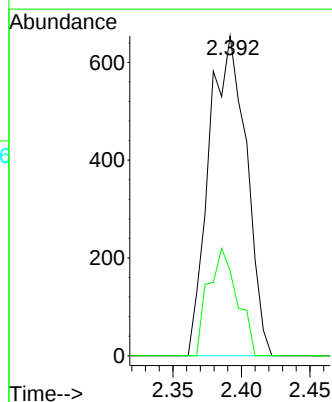
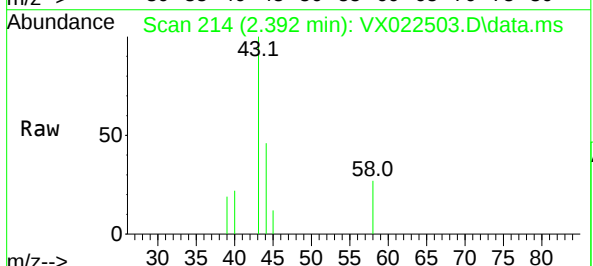
Tgt Ion: 59 Resp: 240  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.8 11.8#

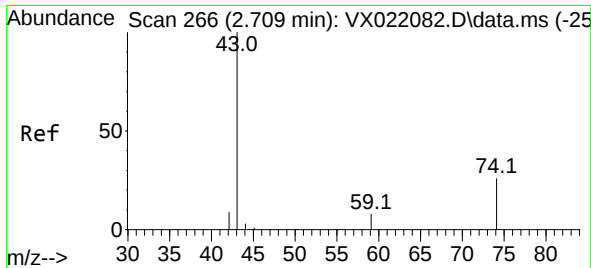


#16

Acetone  
Concen: 3.041 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX022503.D  
Acq: 07 Jun 2021 01:58

Tgt Ion: 43 Resp: 1240  
Ion Ratio Lower Upper  
43 100  
58 26.6 27.8 41.8#

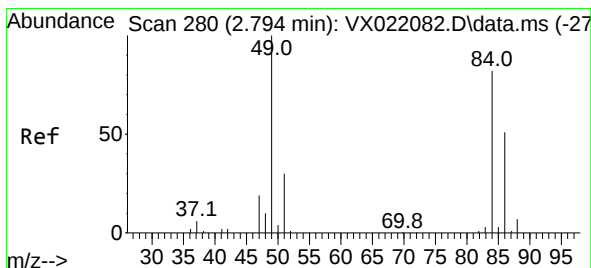
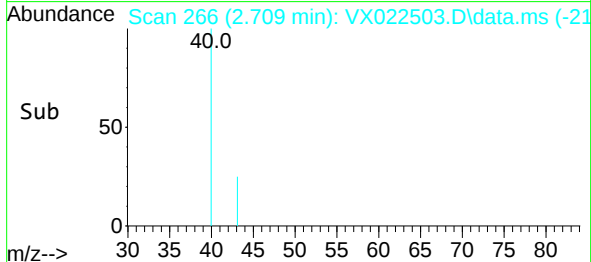
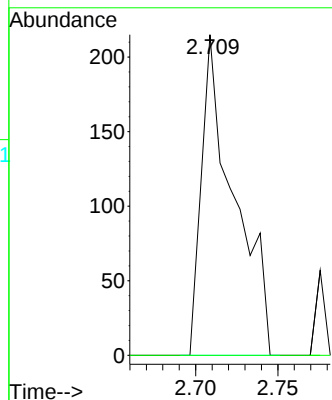
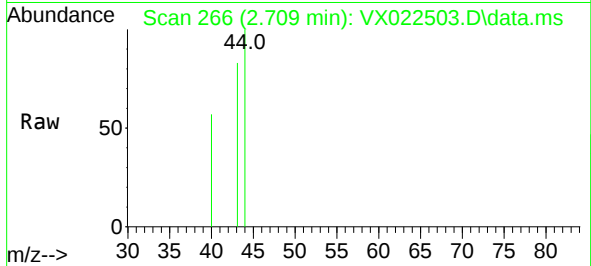




#18  
Methyl Acetate  
Concen: 0.273 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX022503.D  
Acq: 07 Jun 2021 01:58

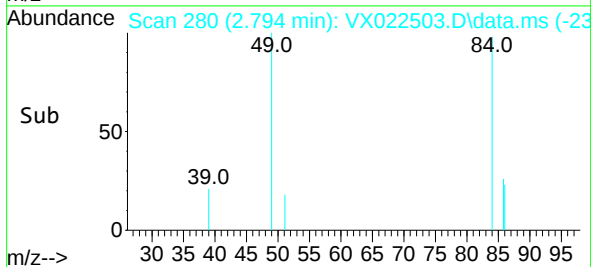
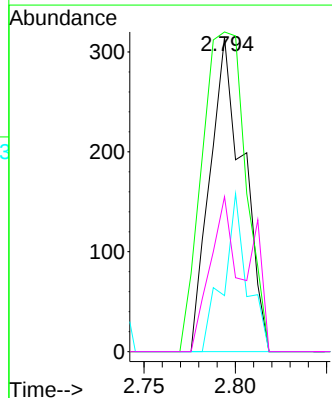
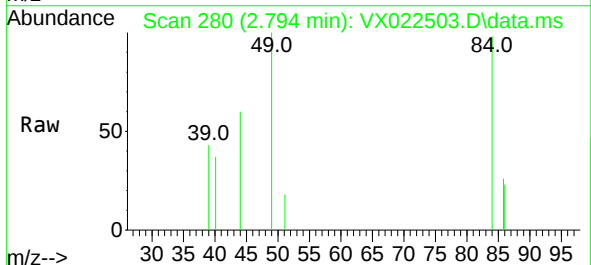
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0606WBL02

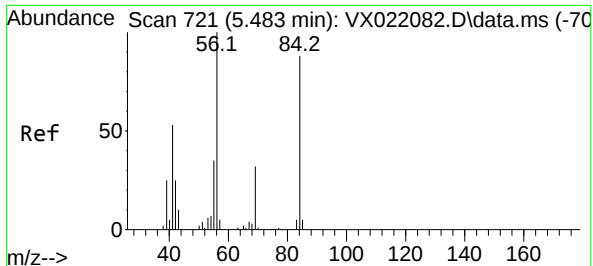
Tgt Ion: 43 Resp: 296  
Ion Ratio Lower Upper  
43 100  
74 0.0 21.9 32.9#



#20  
Methylene Chloride  
Concen: 0.441 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX022503.D  
Acq: 07 Jun 2021 01:58

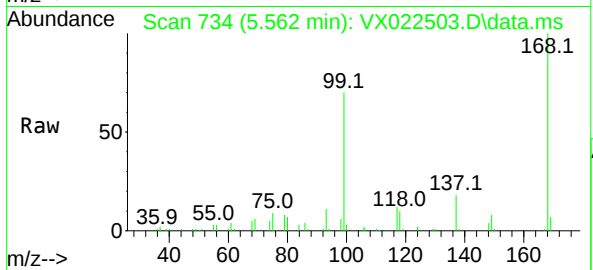
Tgt Ion: 84 Resp: 399  
Ion Ratio Lower Upper  
84 100  
49 101.6 88.6 132.8  
51 17.8 27.0 40.6#  
86 49.2 50.3 75.5#



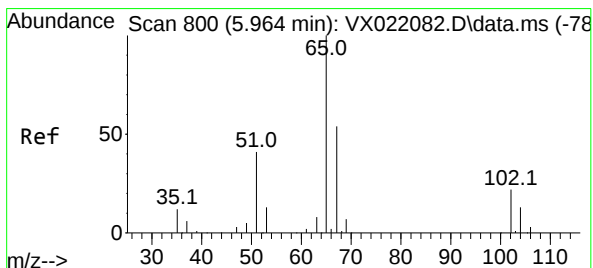
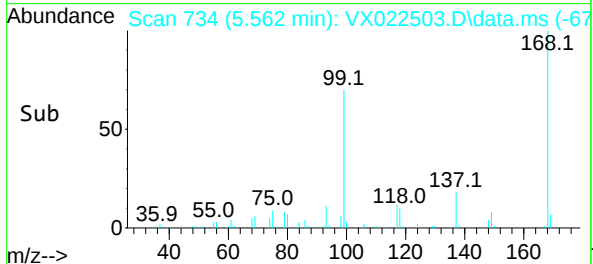
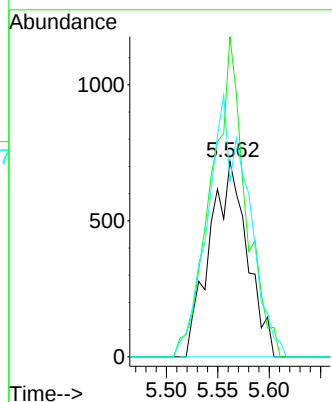


#31  
Cyclohexane  
Concen: 1.552 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.079 min  
Lab File: VX022503.D  
Acq: 07 Jun 2021 01:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0606WBL02

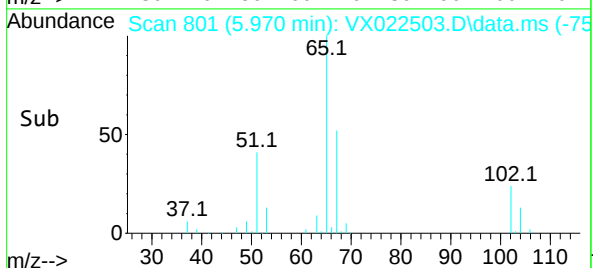
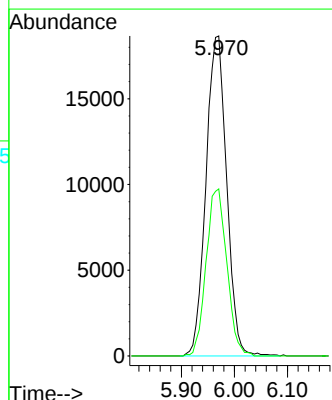
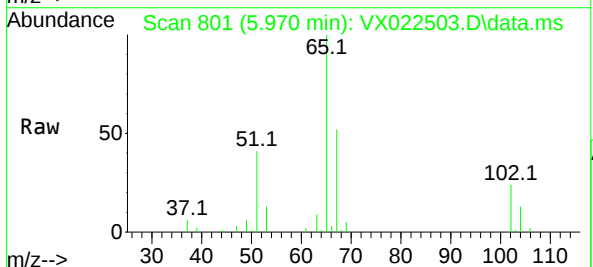


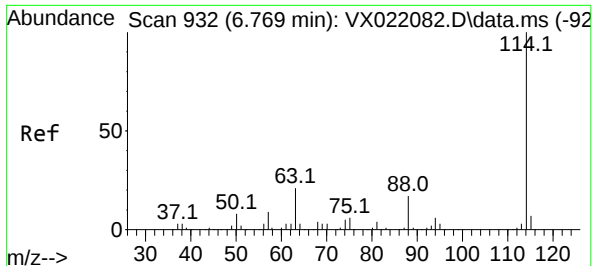
Tgt Ion: 56 Resp: 1827  
Ion Ratio Lower Upper  
56 100  
69 163.9 25.3 37.9#  
84 82.2 71.4 107.0



#33  
1,2-Dichloroethane-d4  
Concen: 54.035 ug/l  
RT: 5.970 min Scan# 801  
Delta R.T. 0.006 min  
Lab File: VX022503.D  
Acq: 07 Jun 2021 01:58

Tgt Ion: 65 Resp: 50608  
Ion Ratio Lower Upper  
65 100  
67 52.2 0.0 105.4

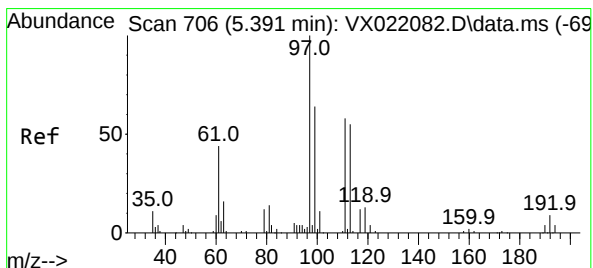
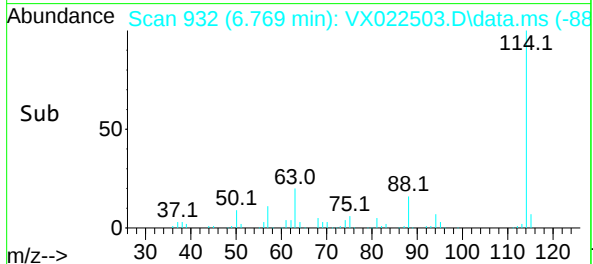
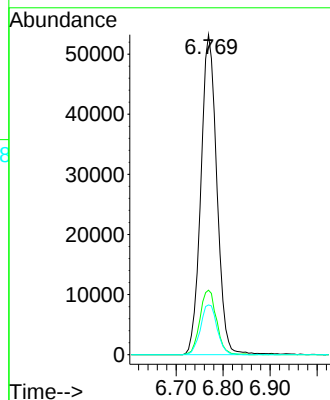
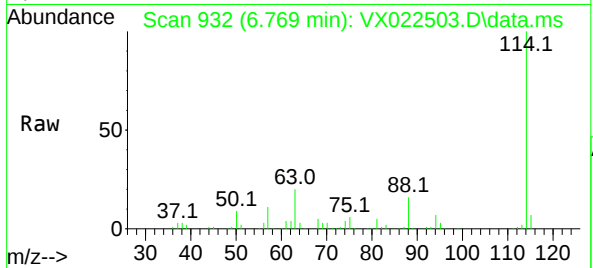




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VX022503.D  
Acq: 07 Jun 2021 01:58

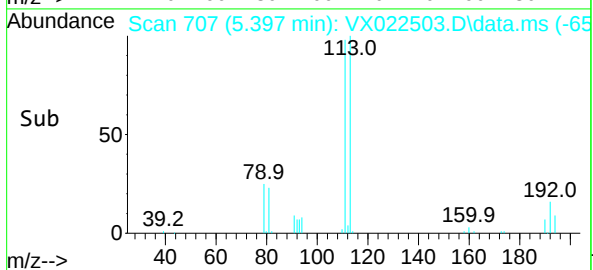
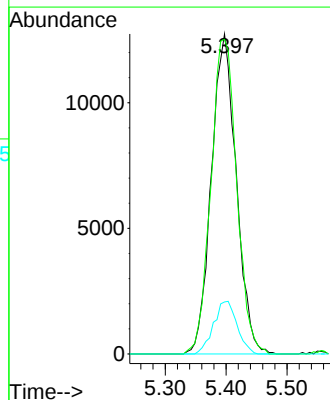
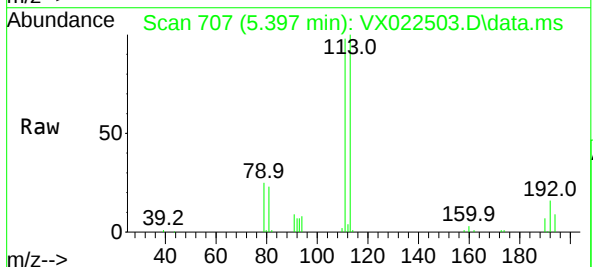
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0606WBL02

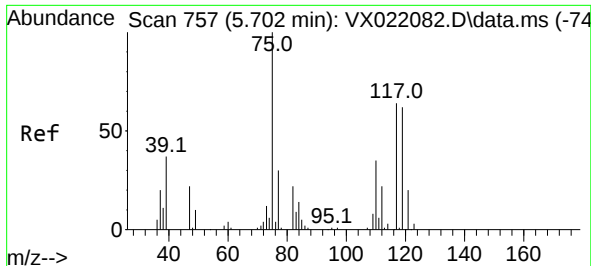
Tgt Ion:114 Resp: 125666  
Ion Ratio Lower Upper  
114 100  
63 20.2 0.0 40.8  
88 15.6 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 45.297 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VX022503.D  
Acq: 07 Jun 2021 01:58

Tgt Ion:113 Resp: 36098  
Ion Ratio Lower Upper  
113 100  
111 102.1 81.9 122.9  
192 15.6 16.7 25.1#

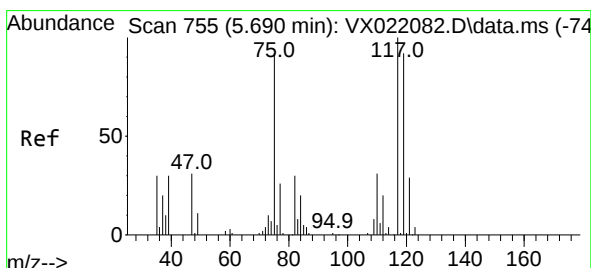
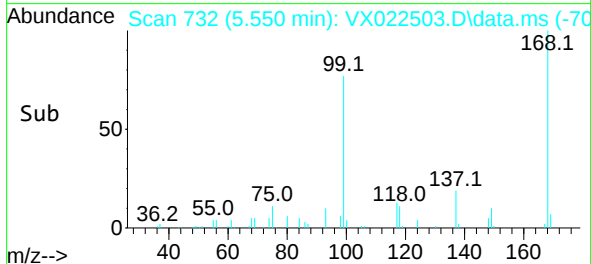
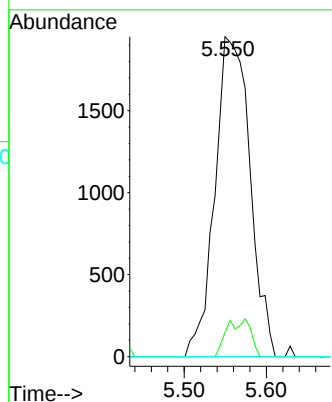
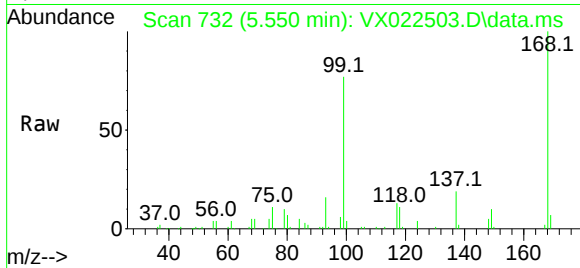




#36  
1,1-Dichloropropene  
Concen: 4.977 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.152 min  
Lab File: VX022503.D  
Acq: 07 Jun 2021 01:58

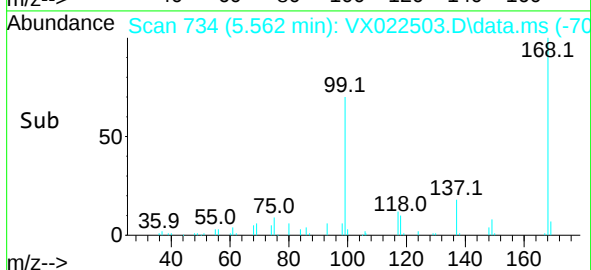
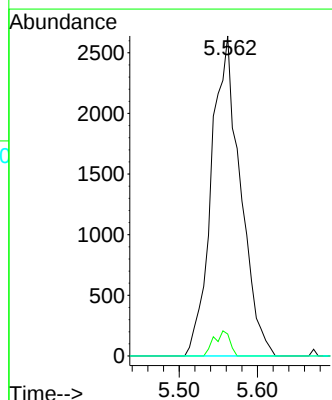
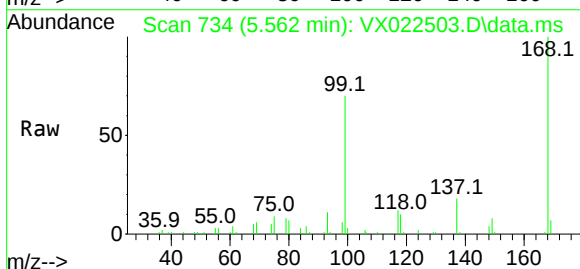
Instrument :  
MSVOA\_X  
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VX0606WBL02

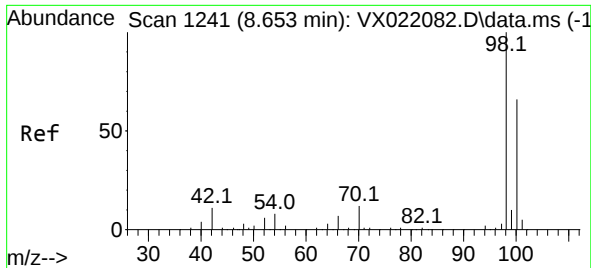
Tgt Ion: 75 Resp: 5783  
Ion Ratio Lower Upper  
75 100  
110 0.0 18.1 54.4#  
77 0.0 25.3 37.9#



#38  
Carbon Tetrachloride  
Concen: 5.964 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.128 min  
Lab File: VX022503.D  
Acq: 07 Jun 2021 01:58

Tgt Ion: 117 Resp: 6779  
Ion Ratio Lower Upper  
117 100  
119 6.9 76.2 114.2#  
121 0.0 24.8 37.2#

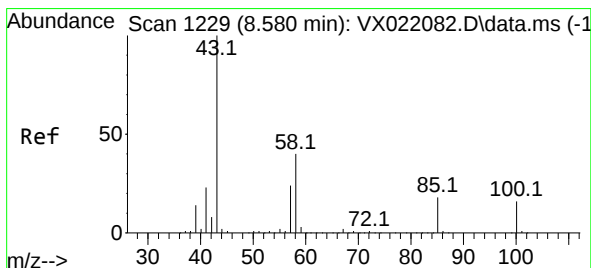
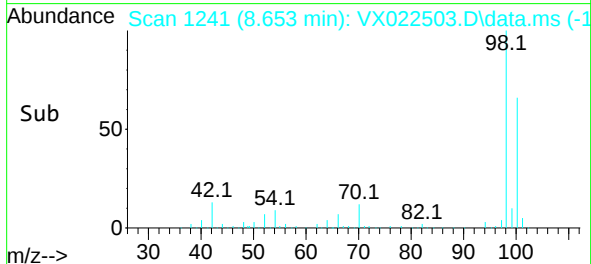
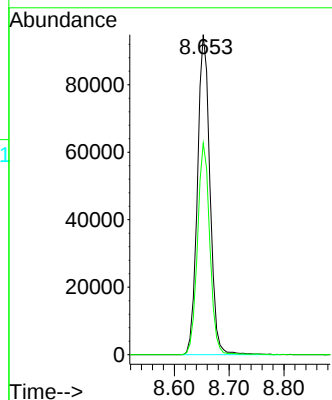
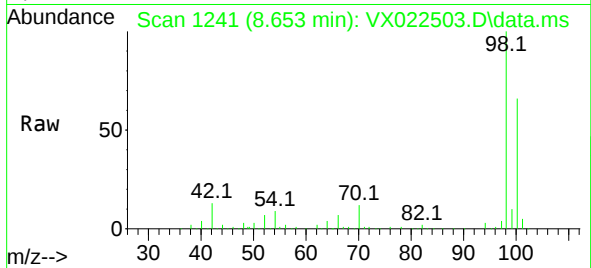




#50  
Toluene-d8  
Concen: 49.160 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022503.D  
Acq: 07 Jun 2021 01:58

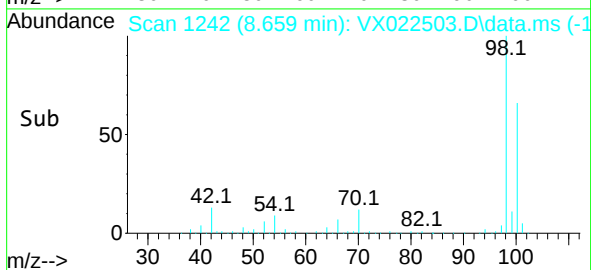
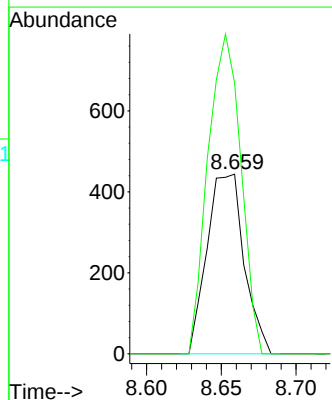
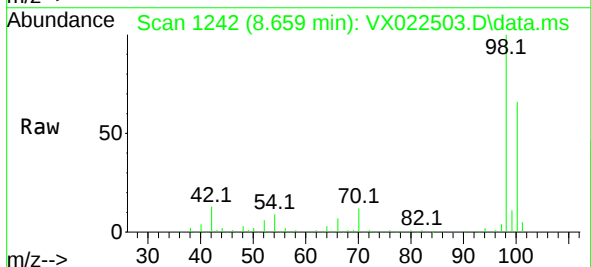
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0606WBL02

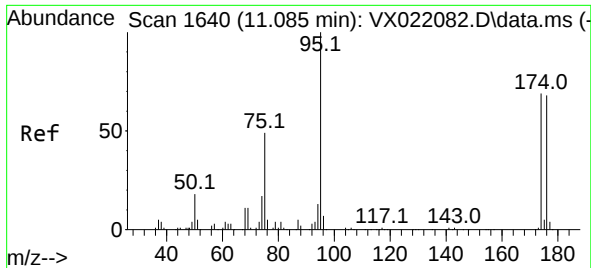
Tgt Ion: 98 Resp: 150911  
Ion Ratio Lower Upper  
98 100  
100 64.9 51.9 77.9



#51  
4-Methyl-2-Pentanone  
Concen: 0.550 ug/l  
RT: 8.659 min Scan# 1242  
Delta R.T. 0.079 min  
Lab File: VX022503.D  
Acq: 07 Jun 2021 01:58

Tgt Ion: 43 Resp: 767  
Ion Ratio Lower Upper  
43 100  
58 157.4 35.4 53.0#

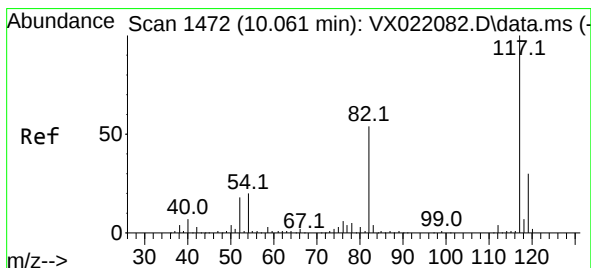
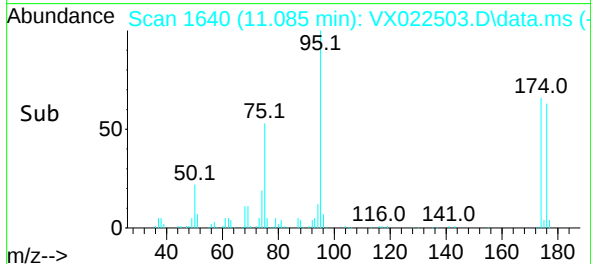
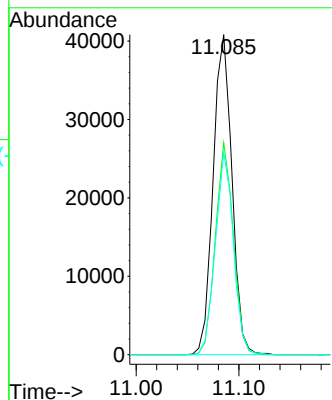
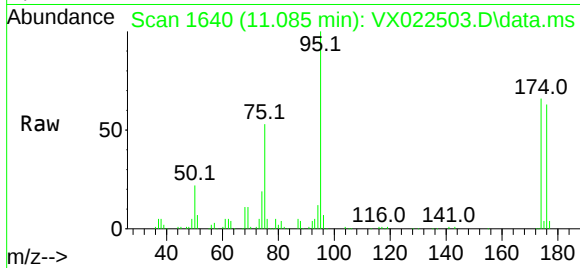




#62  
4-Bromofluorobenzene  
Concen: 45.629 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022503.D  
Acq: 07 Jun 2021 01:58

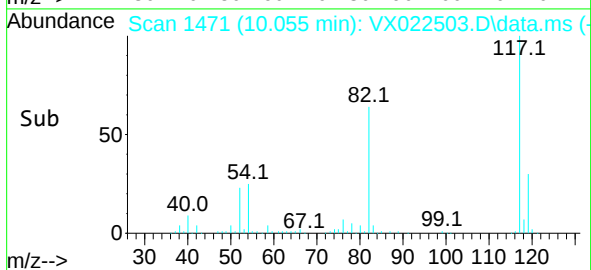
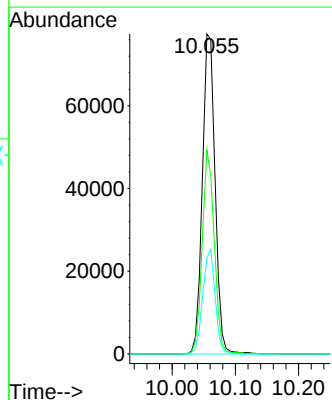
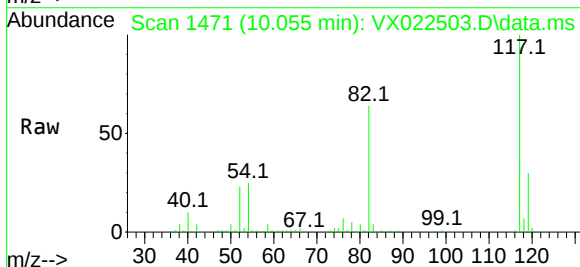
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0606WBL02

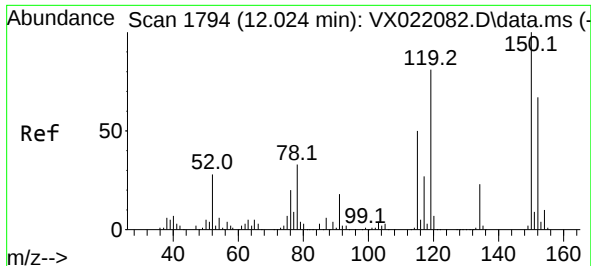
Tgt Ion: 95 Resp: 51773  
Ion Ratio Lower Upper  
95 100  
174 63.4 0.0 154.6  
176 60.8 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX022503.D  
Acq: 07 Jun 2021 01:58

Tgt Ion: 117 Resp: 108651  
Ion Ratio Lower Upper  
117 100  
82 63.7 47.4 71.2  
119 30.1 26.6 39.8

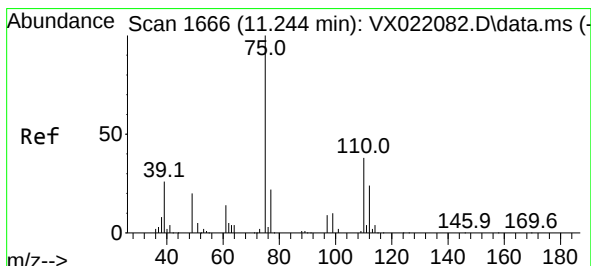
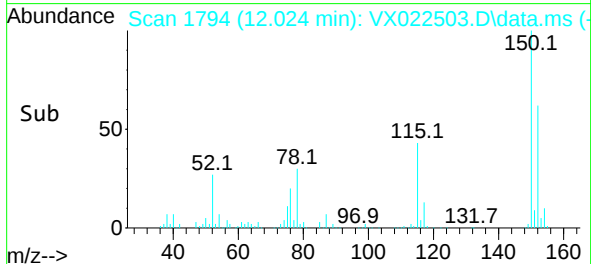
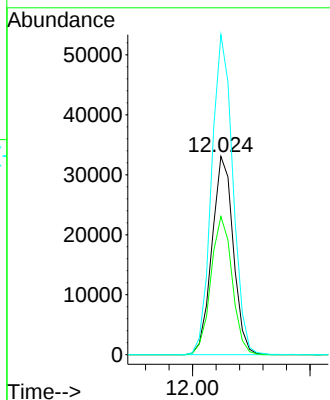
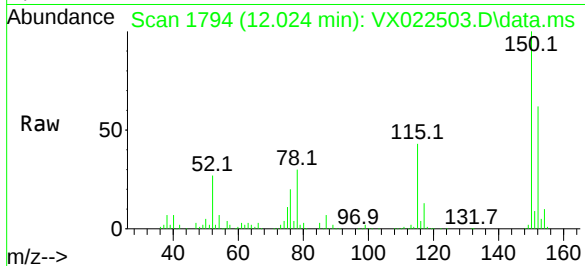




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX022503.D  
Acq: 07 Jun 2021 01:58

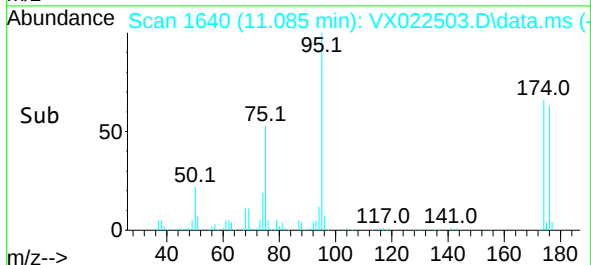
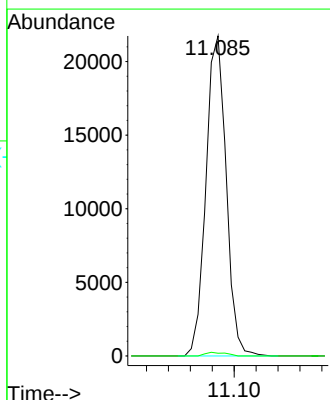
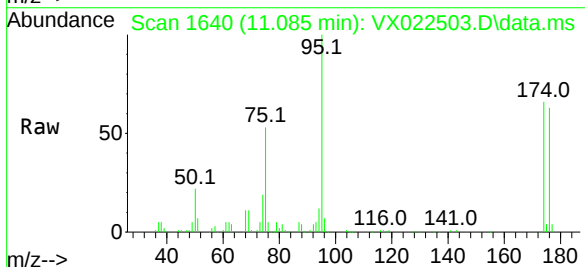
Instrument :  
MSVOA\_X  
ClientSampled :  
VX0606WBL02

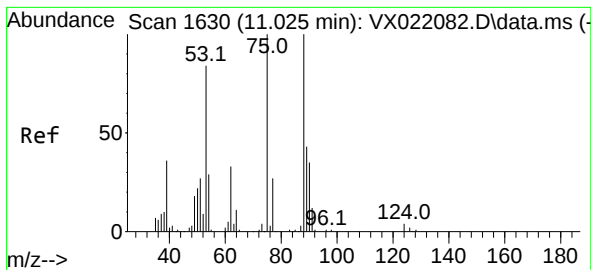
Tgt Ion:152 Resp: 41690  
Ion Ratio Lower Upper  
152 100  
115 69.3 41.1 123.3  
150 161.3 0.0 349.0



#76  
1,2,3-Trichloropropane  
Concen: 27.084 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. -0.159 min  
Lab File: VX022503.D  
Acq: 07 Jun 2021 01:58

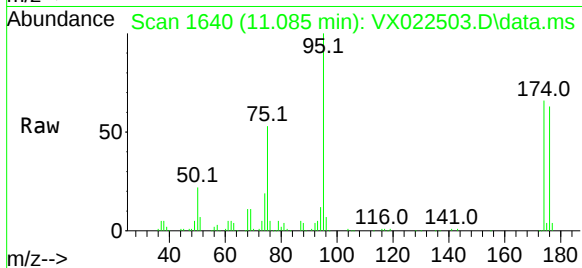
Tgt Ion: 75 Resp: 27856  
Ion Ratio Lower Upper  
75 100  
77 1.2 19.1 57.5#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 64.172 ug/l  
 RT: 11.085 min Scan# 1640  
 Delta R.T. 0.060 min  
 Lab File: VX022503.D  
 Acq: 07 Jun 2021 01:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0606WBL02



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 27856  |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 53       | 0.0   | 74.5  | 111.7# |
| 89       | 0.1   | 37.9  | 56.9#  |

