

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062321\  
 Data File : VX022853.D  
 Acq On : 23 Jun 2021 20:29  
 Operator : JC/MD  
 Sample : M2803-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jun 24 03:37:48 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062321W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 23 19:12:26 2021  
 Response via : Initial Calibration

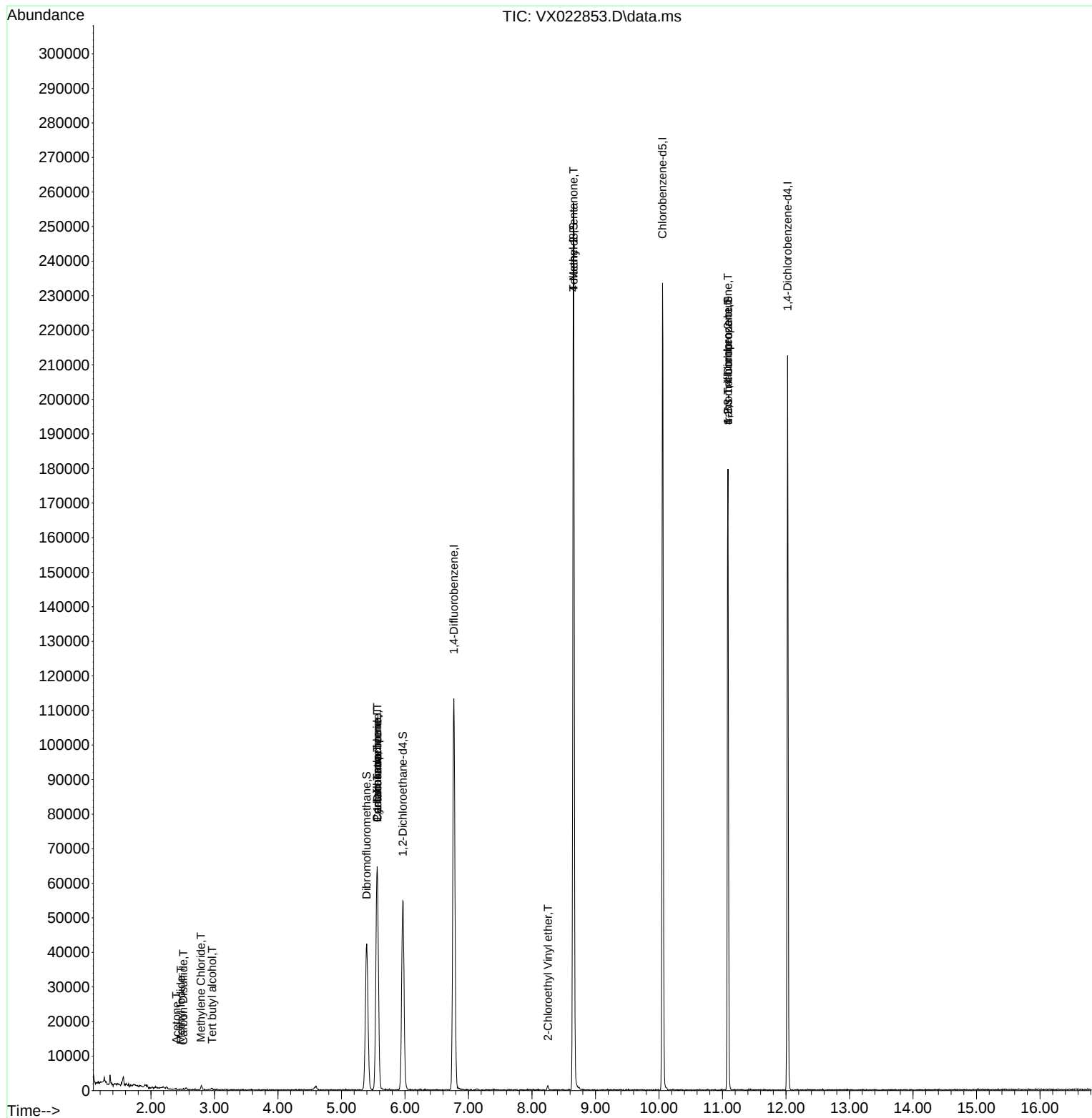
| Compound                      | R.T. QIon |                | Response | Conc       | Units | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|-------|----------|
| -----                         |           |                |          |            |       |          |
| Internal Standards            |           |                |          |            |       |          |
| 1) Pentafluorobenzene         | 5.562     | 168            | 54514    | 50.000     | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene       | 6.769     | 114            | 110542   | 50.000     | ug/l  | 0.00     |
| 63) Chlorobenzene-d5          | 10.055    | 117            | 98715    | 50.000     | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024    | 152            | 35591    | 50.000     | ug/l  | 0.00     |
| System Monitoring Compounds   |           |                |          |            |       |          |
| 33) 1,2-Dichloroethane-d4     | 5.964     | 65             | 50948    | 51.498     | ug/l  | 0.00     |
| Spiked Amount                 | 50.000    | Range 78 - 117 | Recovery | = 103.000% |       |          |
| 35) Dibromofluoromethane      | 5.397     | 113            | 35900    | 51.142     | ug/l  | 0.00     |
| Spiked Amount                 | 50.000    | Range 75 - 124 | Recovery | = 102.280% |       |          |
| 50) Toluene-d8                | 8.653     | 98             | 143059   | 52.000     | ug/l  | 0.00     |
| Spiked Amount                 | 50.000    | Range 92 - 112 | Recovery | = 104.000% |       |          |
| 62) 4-Bromofluorobenzene      | 11.085    | 95             | 48599    | 47.333     | ug/l  | 0.00     |
| Spiked Amount                 | 50.000    | Range 83 - 123 | Recovery | = 94.660%  |       |          |
| Target Compounds              |           |                |          |            |       |          |
|                               |           |                |          |            |       | Qvalue   |
| 10) Methyl Iodide             | 2.471     | 142            | 42       | 3.925      | ug/l  | # 42     |
| 11) Tert butyl alcohol        | 2.965     | 59             | 154      | 0.747      | ug/l  | # 73     |
| 16) Acetone                   | 2.398     | 43             | 249      | 0.568      | ug/l  | # 40     |
| 17) Carbon Disulfide          | 2.508     | 76             | 223      | 3.623      | ug/l  | # 75     |
| 20) Methylene Chloride        | 2.788     | 84             | 413      | 0.844      | ug/l  | # 82     |
| 31) Cyclohexane               | 5.562     | 56             | 1626     | 1.164      | ug/l  | # 45     |
| 36) 1,1-Dichloropropene       | 5.562     | 75             | 5475     | 4.663      | ug/l  | # 50     |
| 38) Carbon Tetrachloride      | 5.562     | 117            | 6601     | 6.703      | ug/l  | # 14     |
| 51) 4-Methyl-2-Pentanone      | 8.653     | 43             | 764      | 0.561      | ug/l  | # 1      |
| 58) 2-Chloroethyl Vinyl ether | 8.251     | 63             | 459      | 5.806      | ug/l  | 98       |
| 76) 1,2,3-Trichloropropane    | 11.085    | 75             | 26553    | 28.245     | ug/l  | # 38     |
| 81) trans-1,4-Dichloro-2-b... | 11.085    | 75             | 26553    | 72.867     | ug/l  | # 12     |
| -----                         |           |                |          |            |       |          |

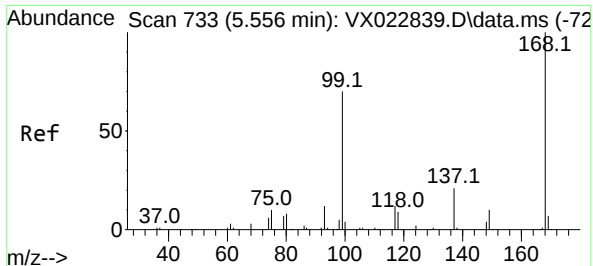
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062321\  
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Sample : M2803-01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Jun 24 03:37:48 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062321W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 23 19:12:26 2021  
Response via : Initial Calibration

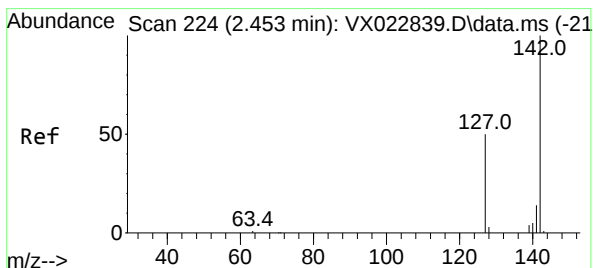
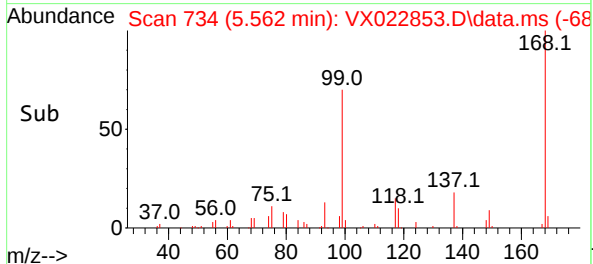
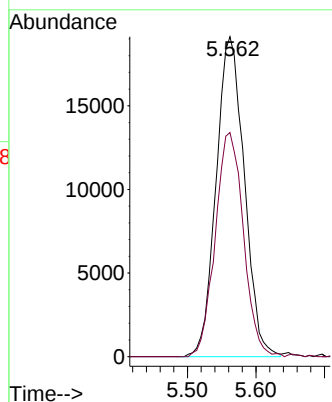
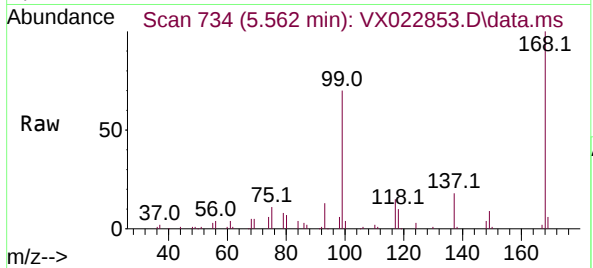




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.006 min  
Lab File: VX022853.D  
Acq: 23 Jun 2021 20:29

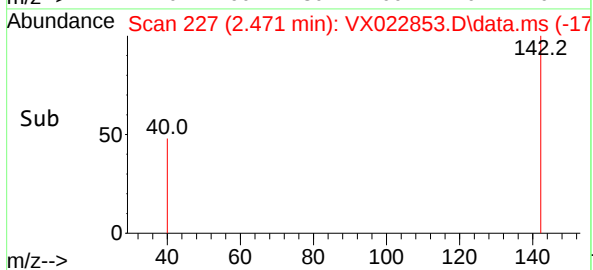
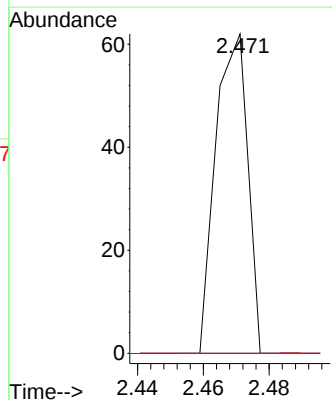
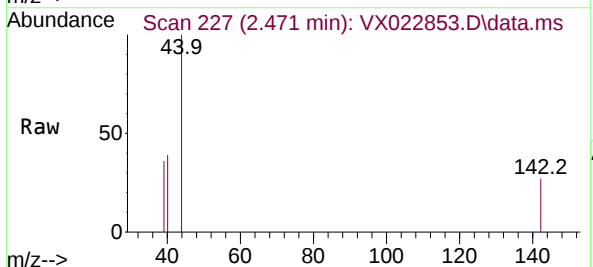
Instrument :  
MSVOA\_X  
ClientSampled :

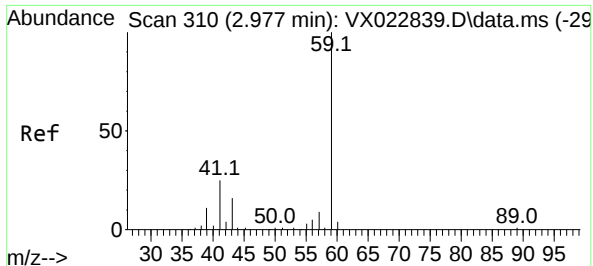
Tgt Ion:168 Resp: 54514  
Ion Ratio Lower Upper  
168 100  
99 70.1 45.8 68.6#



#10  
Methyl Iodide  
Concen: 3.925 ug/l  
RT: 2.471 min Scan# 227  
Delta R.T. 0.018 min  
Lab File: VX022853.D  
Acq: 23 Jun 2021 20:29

Tgt Ion:142 Resp: 42  
Ion Ratio Lower Upper  
142 100  
127 0.0 33.3 49.9#  
141 0.0 11.4 17.0#



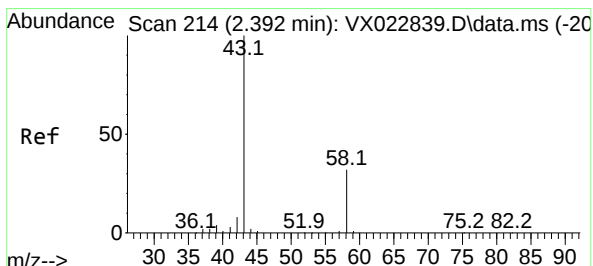
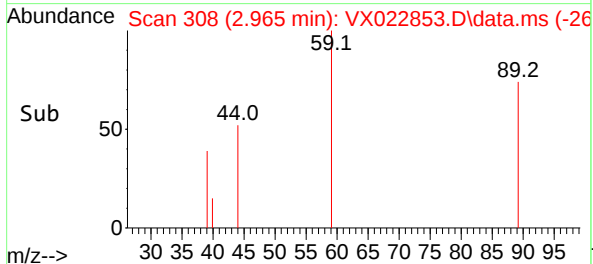
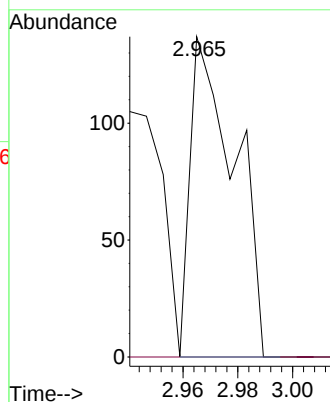
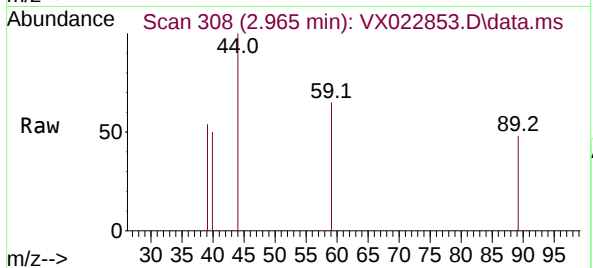


#11

Tert butyl alcohol  
Concen: 0.747 ug/l  
RT: 2.965 min Scan# 308  
Delta R.T. -0.012 min  
Lab File: VX022853.D  
Acq: 23 Jun 2021 20:29

Instrument :  
MSVOA\_X  
ClientSampled :

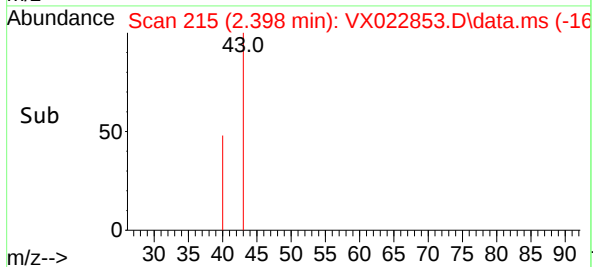
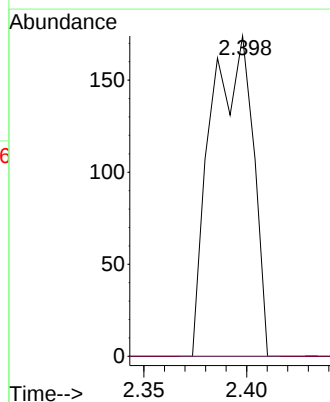
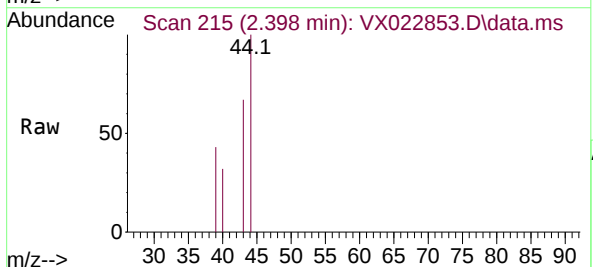
Tgt Ion: 59 Resp: 154  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.8 11.8#

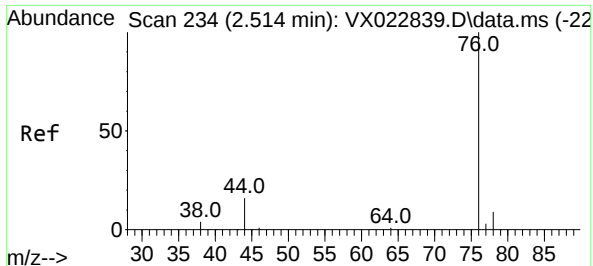


#16

Acetone  
Concen: 0.568 ug/l  
RT: 2.398 min Scan# 215  
Delta R.T. 0.006 min  
Lab File: VX022853.D  
Acq: 23 Jun 2021 20:29

Tgt Ion: 43 Resp: 249  
Ion Ratio Lower Upper  
43 100  
58 0.0 27.8 41.8#

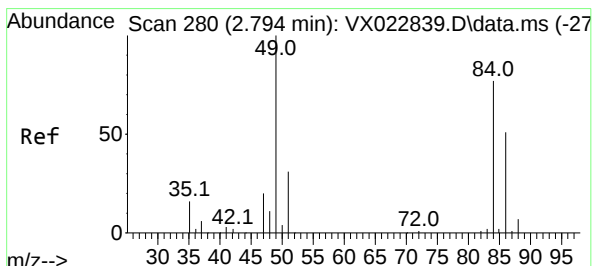
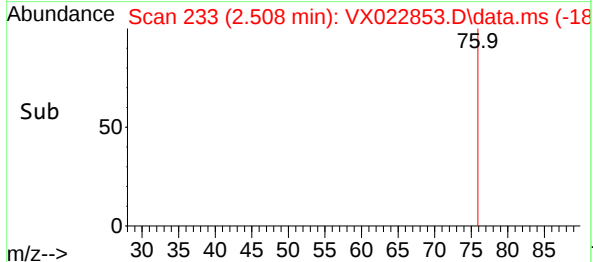
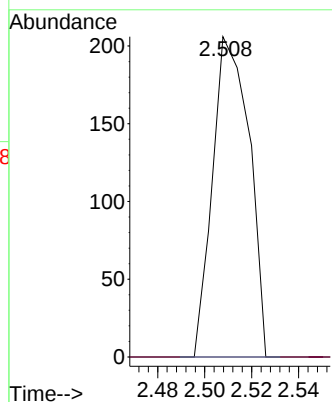
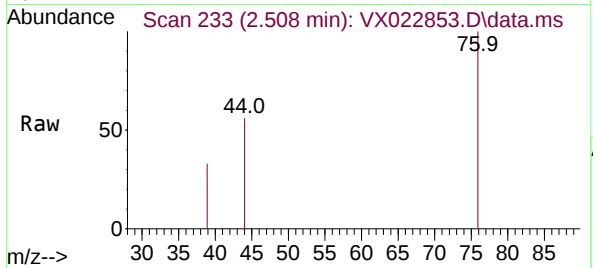




#17  
Carbon Disulfide  
Concen: 3.623 ug/l  
RT: 2.508 min Scan# 233  
Delta R.T. -0.006 min  
Lab File: VX022853.D  
Acq: 23 Jun 2021 20:29

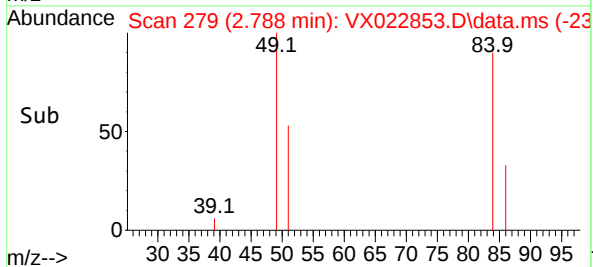
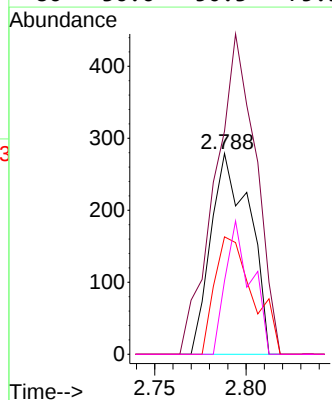
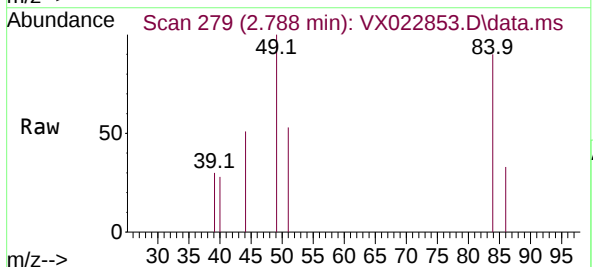
Instrument :  
MSVOA\_X  
ClientSampled :

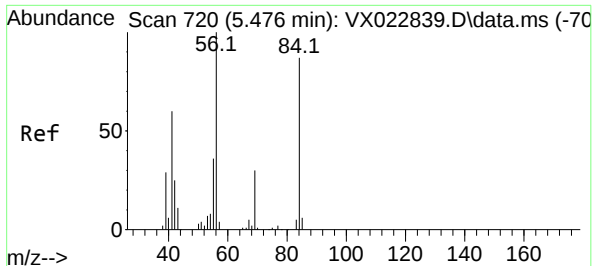
Tgt Ion: 76 Resp: 223  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.2 10.8#



#20  
Methylene Chloride  
Concen: 0.844 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.006 min  
Lab File: VX022853.D  
Acq: 23 Jun 2021 20:29

Tgt Ion: 84 Resp: 413  
Ion Ratio Lower Upper  
84 100  
49 111.1 88.6 132.8  
51 58.4 27.0 40.6#  
86 36.6 50.3 75.5#

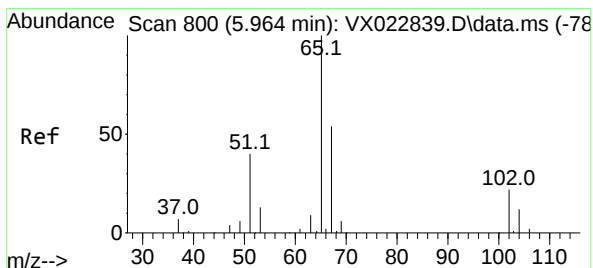
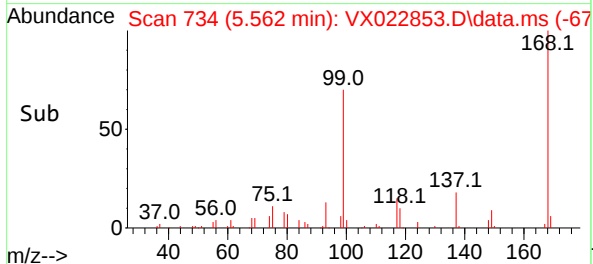
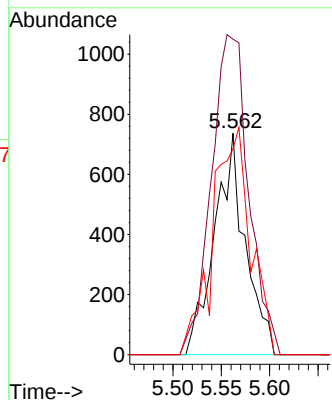
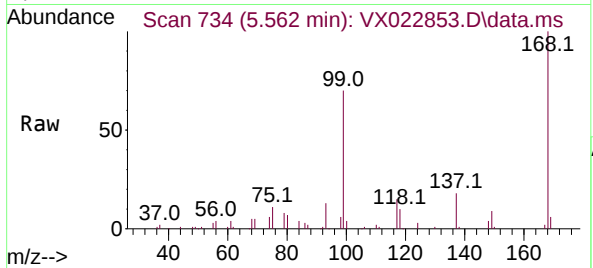




#31  
Cyclohexane  
Concen: 1.164 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.086 min  
Lab File: VX022853.D  
Acq: 23 Jun 2021 20:29

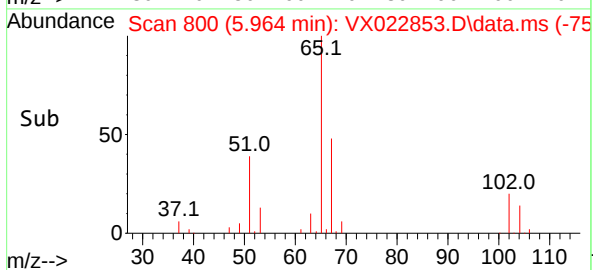
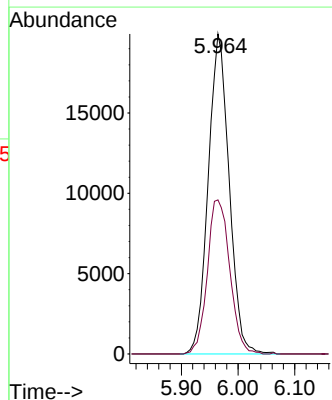
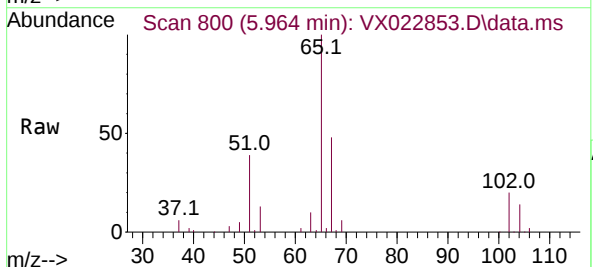
Instrument :  
MSVOA\_X  
ClientSampleId :

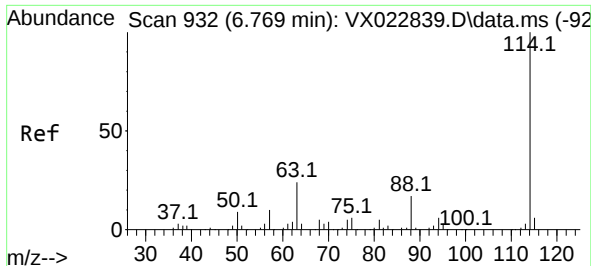
Tgt Ion: 56 Resp: 1626  
Ion Ratio Lower Upper  
56 100  
69 142.5 25.3 37.9#  
84 92.9 71.4 107.0



#33  
1,2-Dichloroethane-d4  
Concen: 51.498 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX022853.D  
Acq: 23 Jun 2021 20:29

Tgt Ion: 65 Resp: 50948  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 105.4

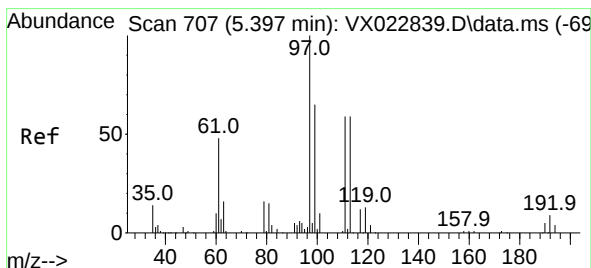
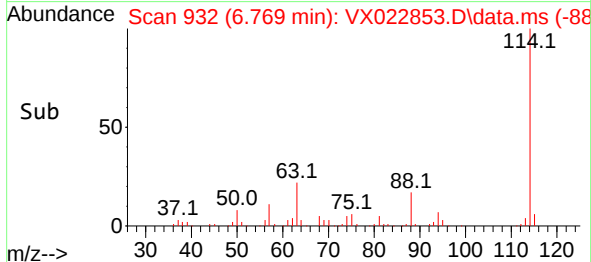
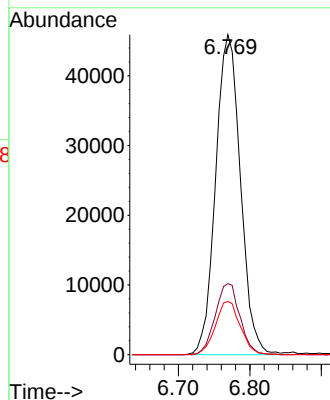
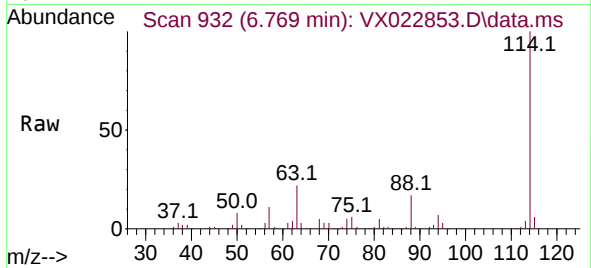




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX022853.D  
Acq: 23 Jun 2021 20:29

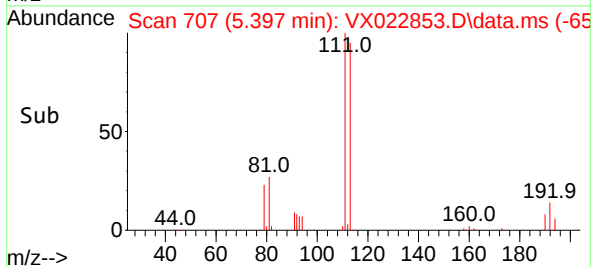
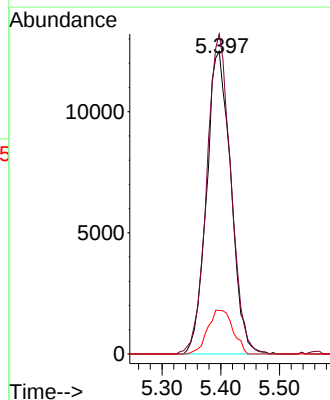
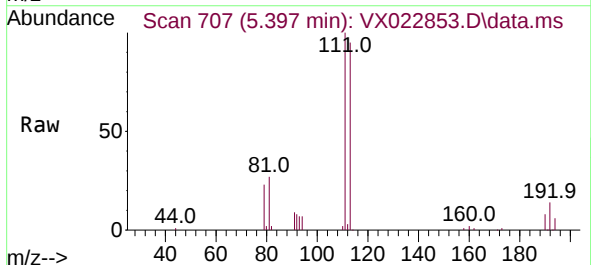
Instrument :  
MSVOA\_X  
ClientSampled :

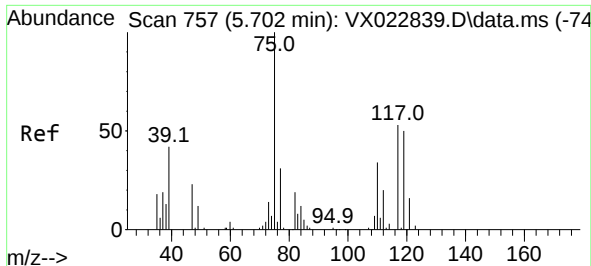
Tgt Ion:114 Resp: 110542  
Ion Ratio Lower Upper  
114 100  
63 22.2 0.0 40.8  
88 16.6 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 51.142 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX022853.D  
Acq: 23 Jun 2021 20:29

Tgt Ion:113 Resp: 35900  
Ion Ratio Lower Upper  
113 100  
111 104.9 81.9 122.9  
192 15.0 16.7 25.1#

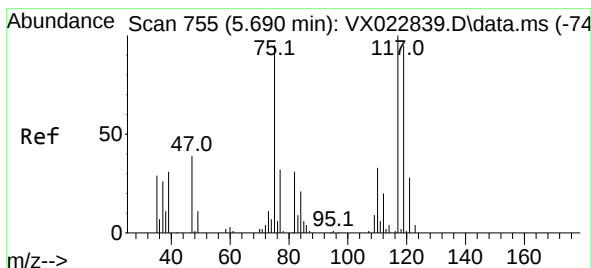
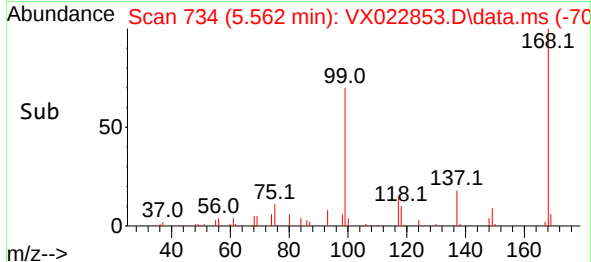
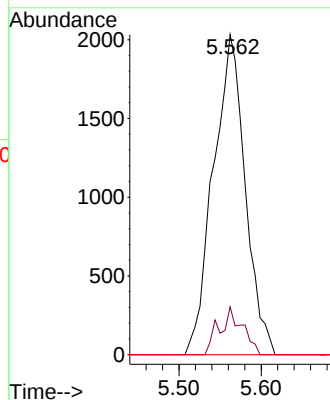
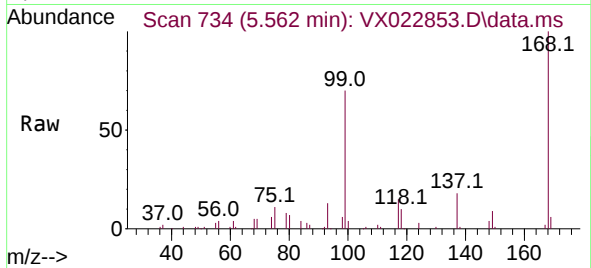




#36  
1,1-Dichloropropene  
Concen: 4.663 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.140 min  
Lab File: VX022853.D  
Acq: 23 Jun 2021 20:29

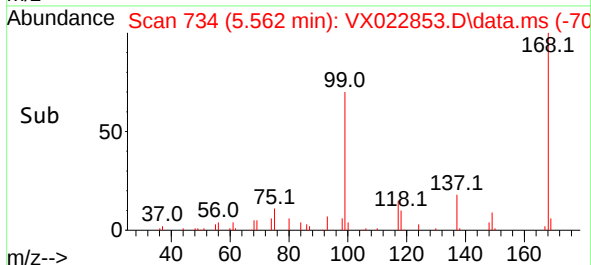
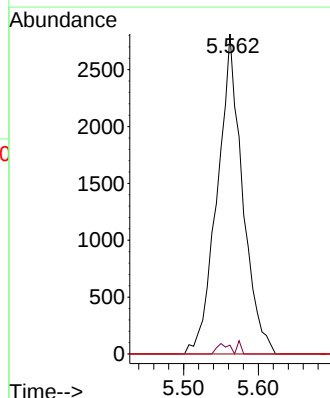
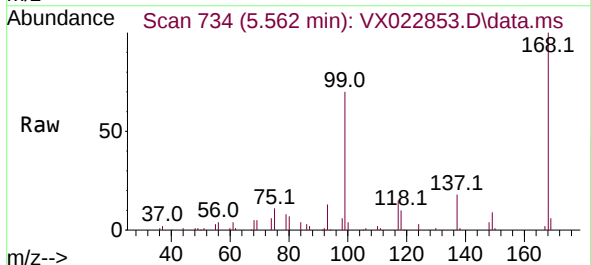
Instrument :  
MSVOA\_X  
ClientSampled :

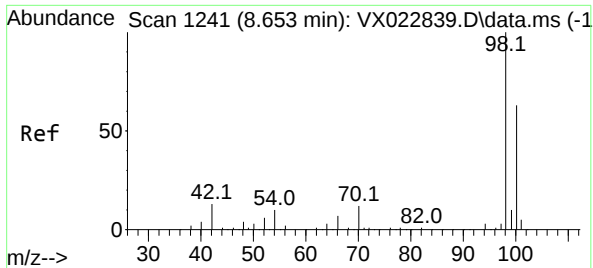
Tgt Ion: 75 Resp: 5475  
Ion Ratio Lower Upper  
75 100  
110 10.7 18.1 54.4#  
77 0.0 25.3 37.9#



#38  
Carbon Tetrachloride  
Concen: 6.703 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.128 min  
Lab File: VX022853.D  
Acq: 23 Jun 2021 20:29

Tgt Ion: 117 Resp: 6601  
Ion Ratio Lower Upper  
117 100  
119 2.8 76.2 114.2#  
121 0.0 24.8 37.2#

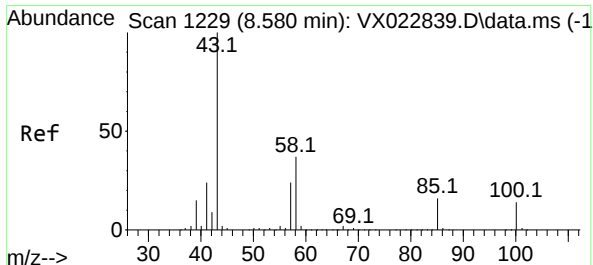
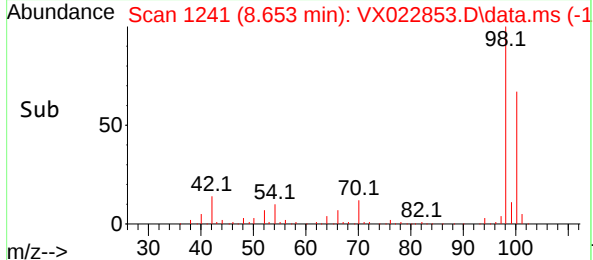
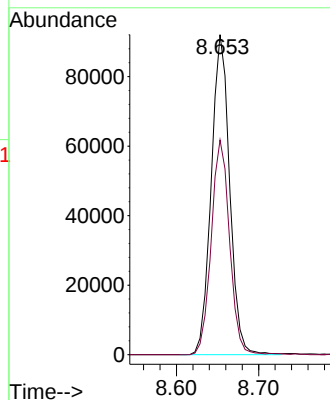
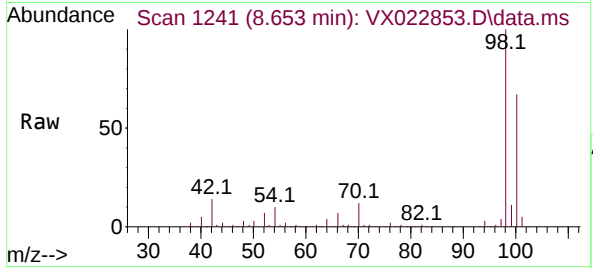




#50  
Toluene-d8  
Concen: 52.000 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022853.D  
Acq: 23 Jun 2021 20:29

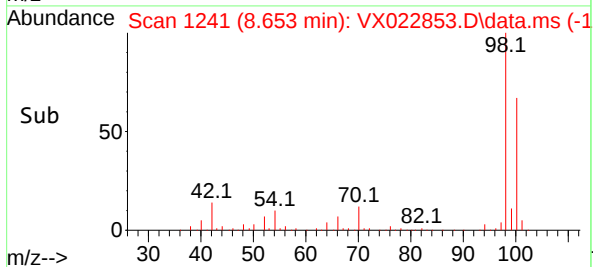
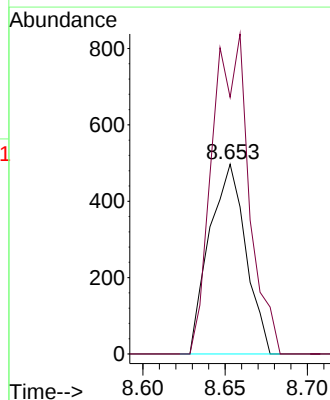
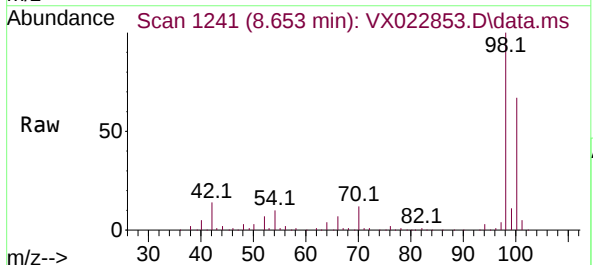
Instrument :  
MSVOA\_X  
ClientSampled :

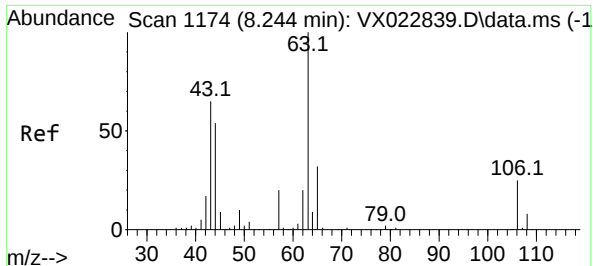
Tgt Ion: 98 Resp: 143059  
Ion Ratio Lower Upper  
98 100  
100 66.9 51.9 77.9



#51  
4-Methyl-2-Pentanone  
Concen: 0.561 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.073 min  
Lab File: VX022853.D  
Acq: 23 Jun 2021 20:29

Tgt Ion: 43 Resp: 764  
Ion Ratio Lower Upper  
43 100  
58 169.8 35.4 53.0#

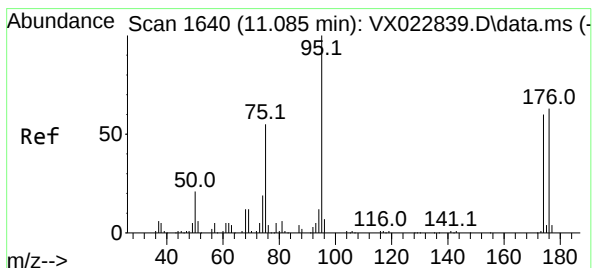
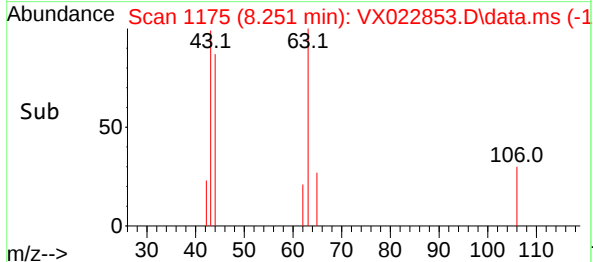
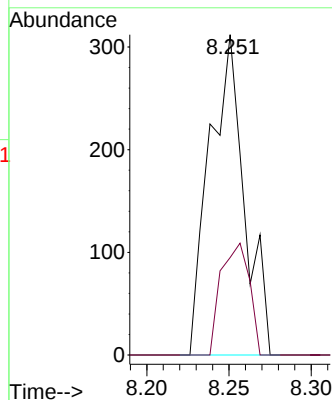
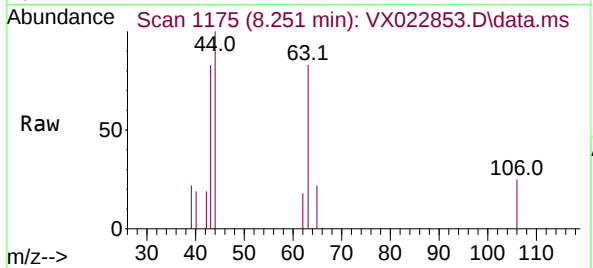




#58  
2-Chloroethyl Vinyl ether  
Concen: 5.806 ug/l  
RT: 8.251 min Scan# 1175  
Delta R.T. 0.007 min  
Lab File: VX022853.D  
Acq: 23 Jun 2021 20:29

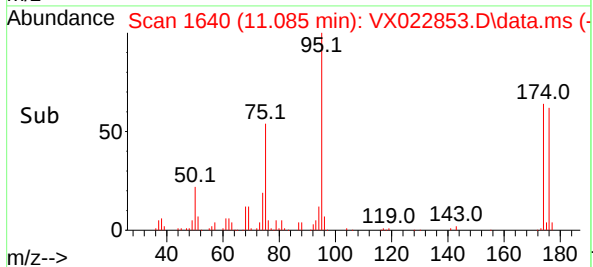
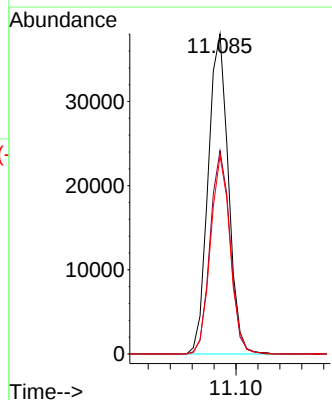
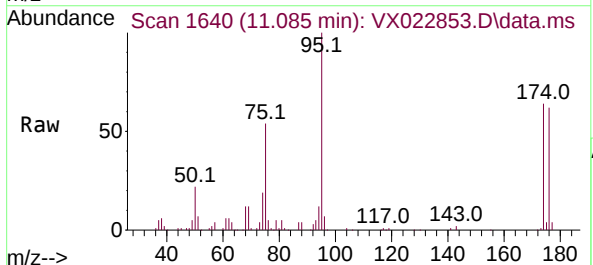
Instrument :  
MSVOA\_X  
ClientSampled :

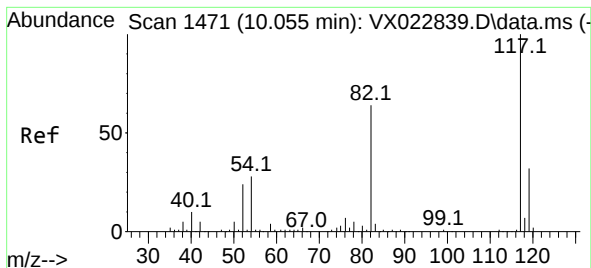
Tgt Ion: 63 Resp: 459  
Ion Ratio Lower Upper  
63 100  
106 28.5 23.5 35.3



#62  
4-Bromofluorobenzene  
Concen: 47.333 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022853.D  
Acq: 23 Jun 2021 20:29

Tgt Ion: 95 Resp: 48599  
Ion Ratio Lower Upper  
95 100  
174 62.8 0.0 154.6  
176 60.5 0.0 155.8

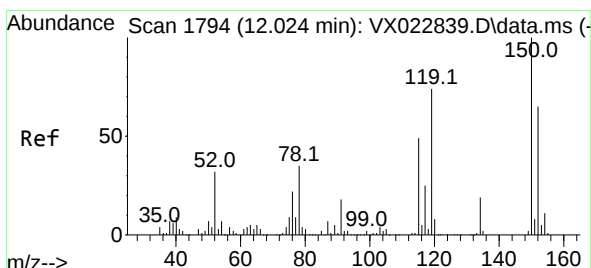
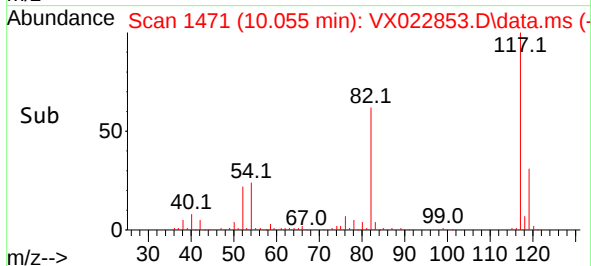
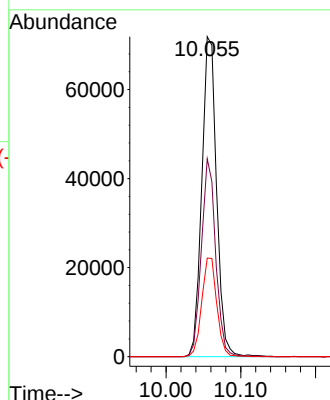
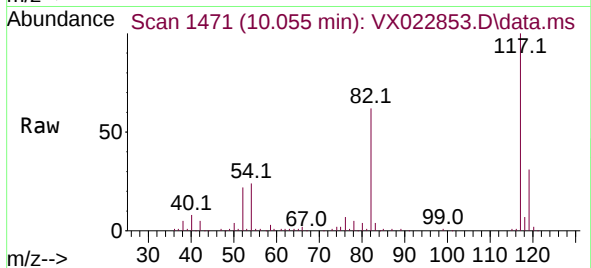




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX022853.D  
Acq: 23 Jun 2021 20:29

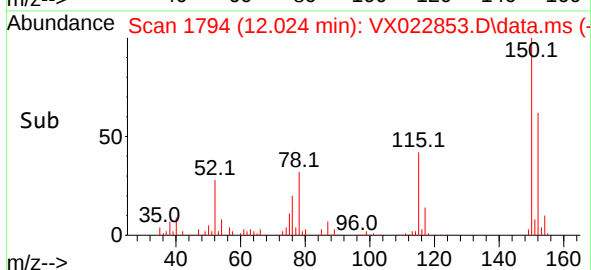
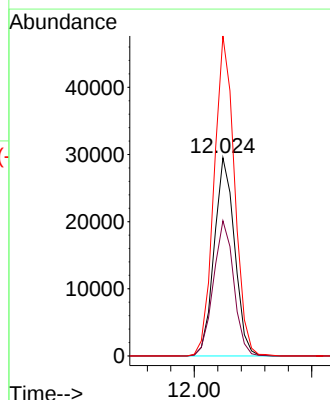
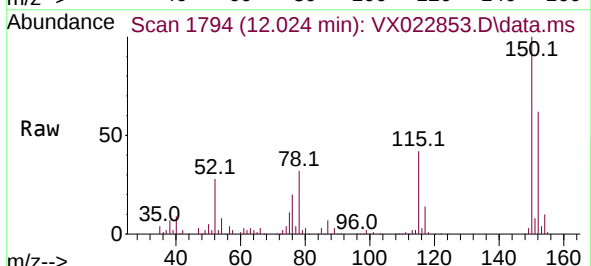
Instrument :  
MSVOA\_X  
ClientSampled :

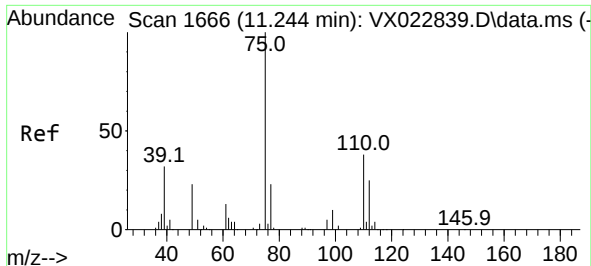
Tgt Ion:117 Resp: 98715  
Ion Ratio Lower Upper  
117 100  
82 61.8 47.4 71.2  
119 30.8 26.6 39.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX022853.D  
Acq: 23 Jun 2021 20:29

Tgt Ion:152 Resp: 35591  
Ion Ratio Lower Upper  
152 100  
115 68.1 41.1 123.3  
150 161.9 0.0 349.0

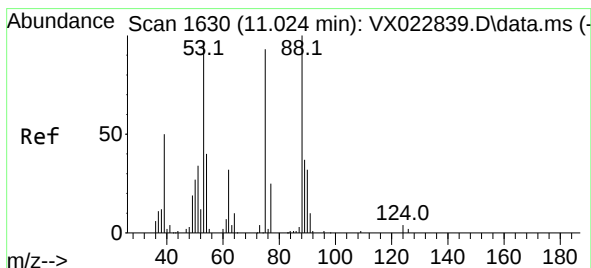
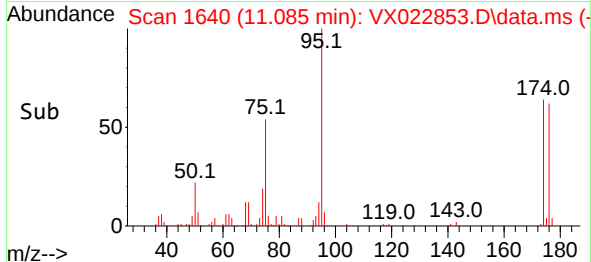
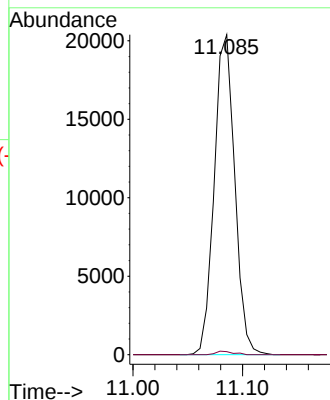
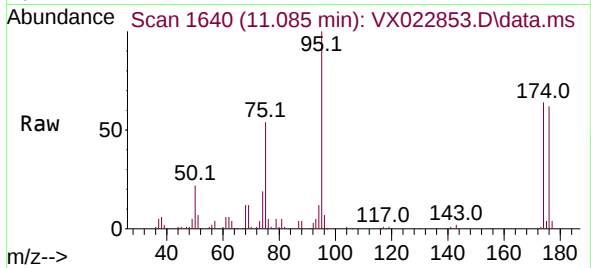




#76  
1,2,3-Trichloropropane  
Concen: 28.245 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. -0.159 min  
Lab File: VX022853.D  
Acq: 23 Jun 2021 20:29

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 75 Resp: 26553  
Ion Ratio Lower Upper  
75 100  
77 0.9 19.1 57.5#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 72.867 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.061 min  
Lab File: VX022853.D  
Acq: 23 Jun 2021 20:29

Tgt Ion: 75 Resp: 26553  
Ion Ratio Lower Upper  
75 100  
53 0.0 74.5 111.7#  
89 0.0 37.9 56.9#

