

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022322\  
 Data File : VX027144.D  
 Acq On : 23 Feb 2022 14:24  
 Operator : JC/MD  
 Sample : VX0223WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0223WBL01

Quant Time: Feb 24 03:30:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022322W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 23 13:06:57 2022  
 Response via : Initial Calibration

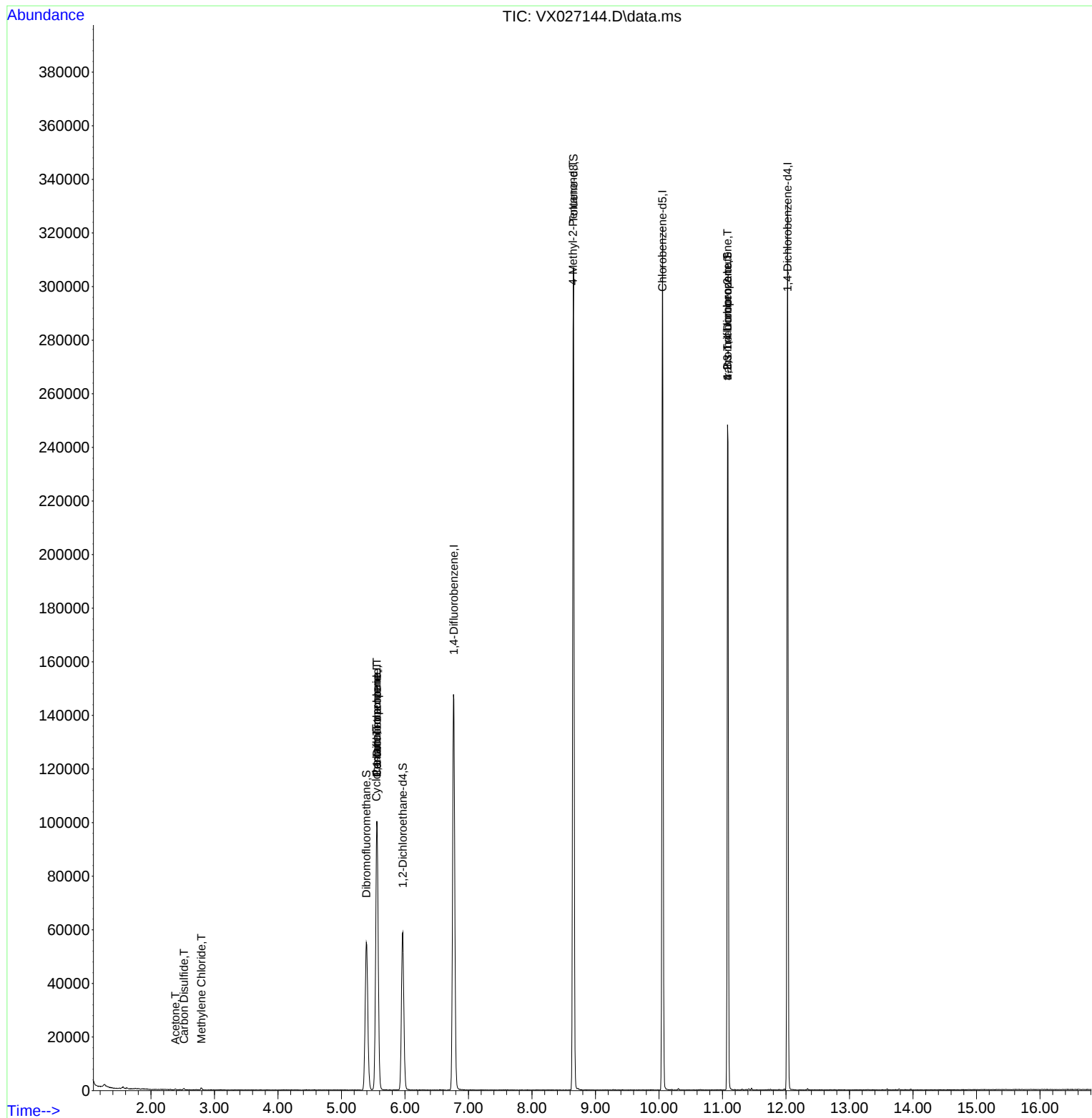
| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                         |        |       |          |           |        |          |
| Internal Standards            |        |       |          |           |        |          |
| 1) Pentafluorobenzene         | 5.556  | 168   | 96890    | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.769  | 114   | 158627   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 143972   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 69156    | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.964  | 65    | 57335    | 49.271    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery  | =      | 98.540%  |
| 35) Dibromofluoromethane      | 5.391  | 113   | 49205    | 49.973    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =      | 99.940%  |
| 50) Toluene-d8                | 8.653  | 98    | 183298   | 49.787    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery  | =      | 99.580%  |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 70219    | 49.688    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | =      | 99.380%  |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 5) Bromomethane               | 1.624  | 94    | 209      | Below Cal | #      | 70       |
| 16) Acetone                   | 2.386  | 43    | 364      | 0.712     | ug/l   | 96       |
| 17) Carbon Disulfide          | 2.520  | 76    | 750      | 0.306     | ug/l # | 74       |
| 20) Methylene Chloride        | 2.794  | 84    | 369      | 0.348     | ug/l # | 84       |
| 31) Cyclohexane               | 5.550  | 56    | 1859     | 1.067     | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 5.556  | 75    | 7152     | 4.977     | ug/l # | 51       |
| 38) Carbon Tetrachloride      | 5.556  | 117   | 9738     | 6.497     | ug/l # | 16       |
| 51) 4-Methyl-2-Pentanone      | 8.647  | 43    | 761      | 0.482     | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 33808    | 24.271    | ug/l # | 40       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 33808    | 68.884    | ug/l # | 3        |
| -----                         |        |       |          |           |        |          |

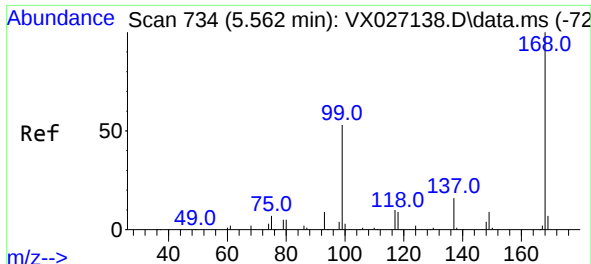
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VX0223WBL01  
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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0223WBL01

Quant Time: Feb 24 03:30:41 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022322W.M  
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QLast Update : Wed Feb 23 13:06:57 2022  
Response via : Initial Calibration

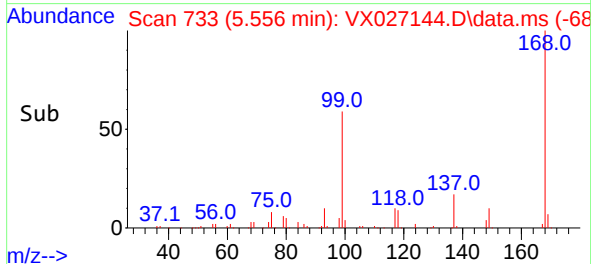
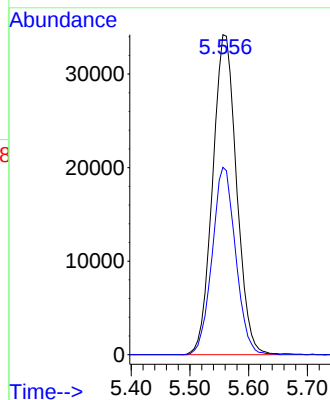
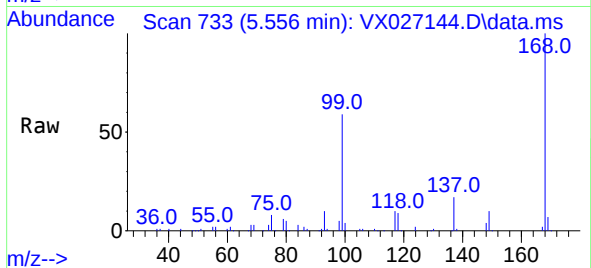




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX027144.D  
Acq: 23 Feb 2022 14:24

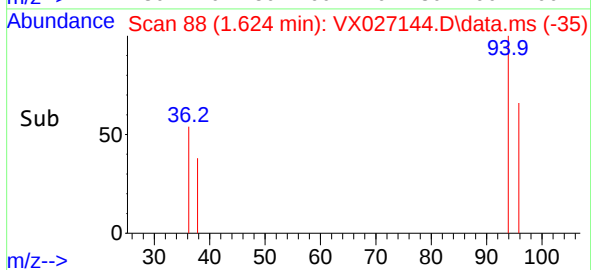
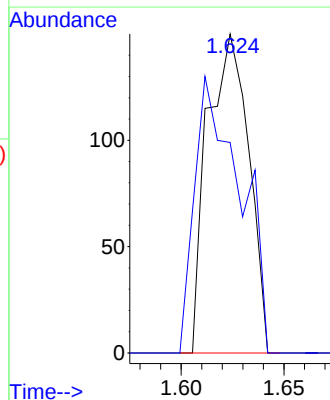
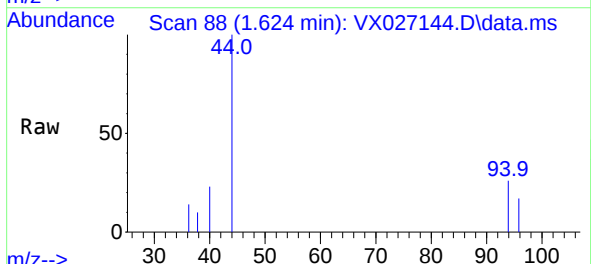
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0223WBL01

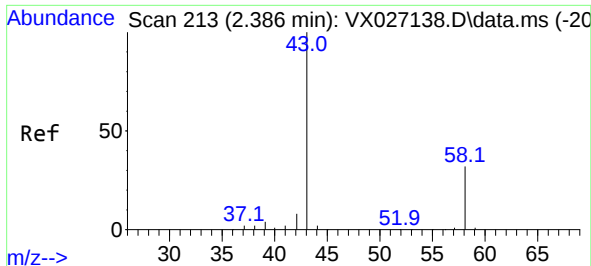
Tgt Ion:168 Resp: 96890  
Ion Ratio Lower Upper  
168 100  
99 58.5 50.3 75.5



#5  
Bromomethane  
Concen: Below Cal  
RT: 1.624 min Scan# 88  
Delta R.T. 0.025 min  
Lab File: VX027144.D  
Acq: 23 Feb 2022 14:24

Tgt Ion: 94 Resp: 209  
Ion Ratio Lower Upper  
94 100  
96 66.0 75.9 113.9#

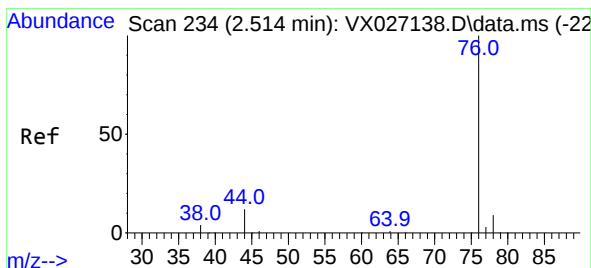
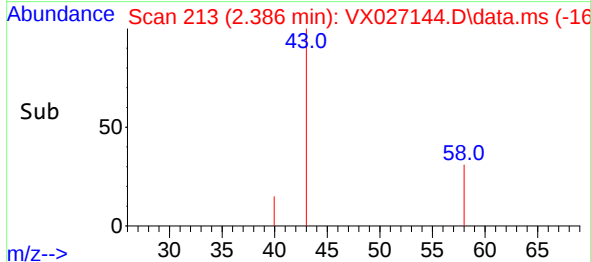
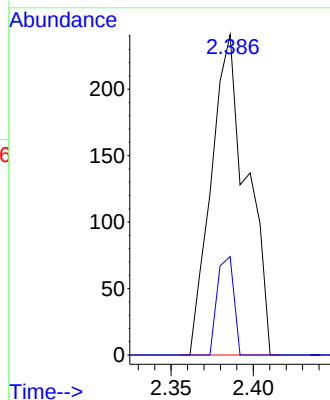
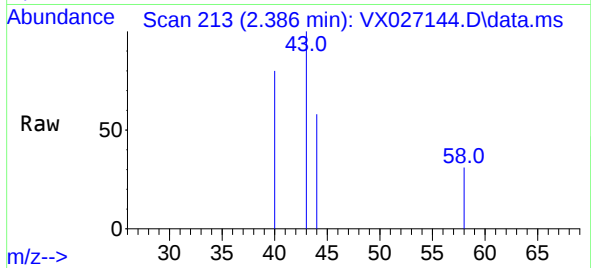




#16  
Acetone  
Concen: 0.712 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX027144.D  
Acq: 23 Feb 2022 14:24

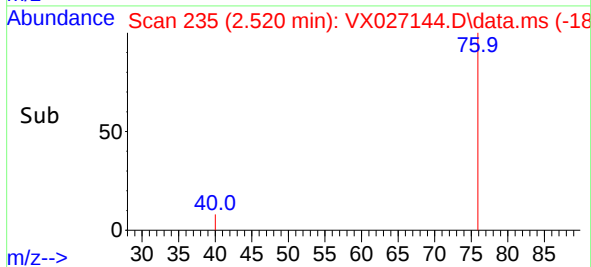
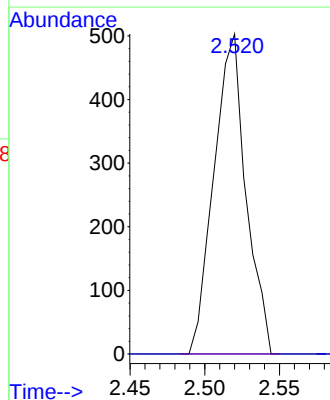
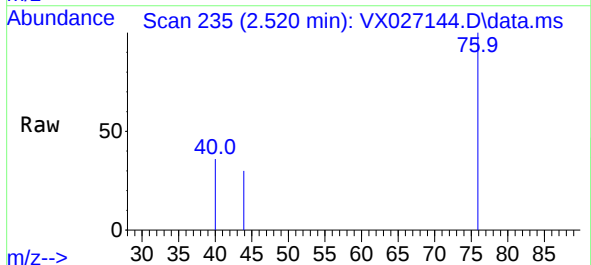
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0223WBL01

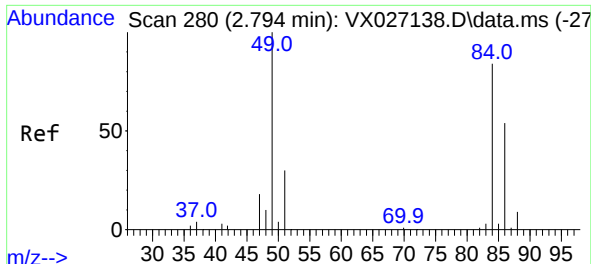
Tgt Ion: 43 Resp: 364  
Ion Ratio Lower Upper  
43 100  
58 30.7 23.0 34.6



#17  
Carbon Disulfide  
Concen: 0.306 ug/l  
RT: 2.520 min Scan# 235  
Delta R.T. 0.006 min  
Lab File: VX027144.D  
Acq: 23 Feb 2022 14:24

Tgt Ion: 76 Resp: 750  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.5 11.3#





#20

Methylene Chloride

Concen: 0.348 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX027144.D

Acq: 23 Feb 2022 14:24

Instrument :

MSVOA\_X

ClientSampleId :

VX0223WBL01

Tgt Ion: 84 Resp: 369

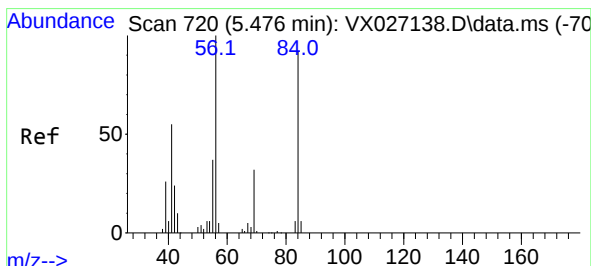
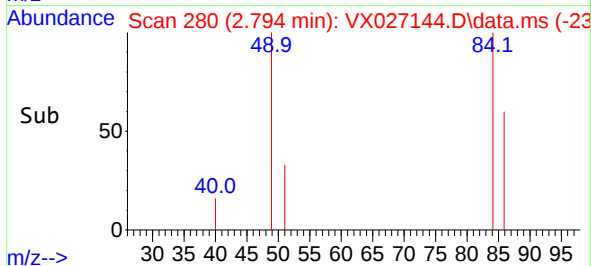
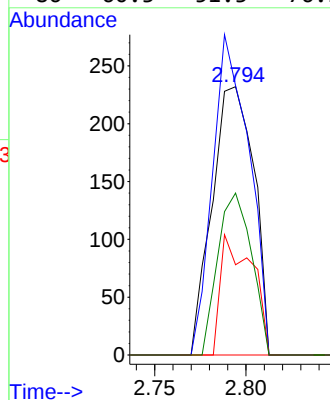
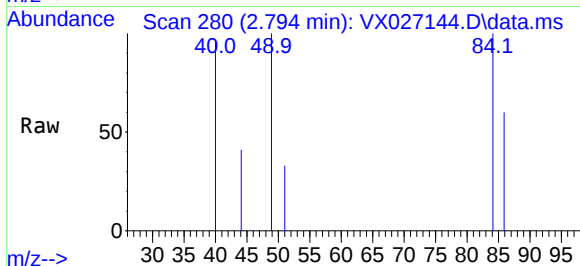
Ion Ratio Lower Upper

84 100

49 100.4 101.5 152.3#

51 33.6 31.2 46.8

86 60.3 51.3 76.9



#31

Cyclohexane

Concen: 1.067 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.074 min

Lab File: VX027144.D

Acq: 23 Feb 2022 14:24

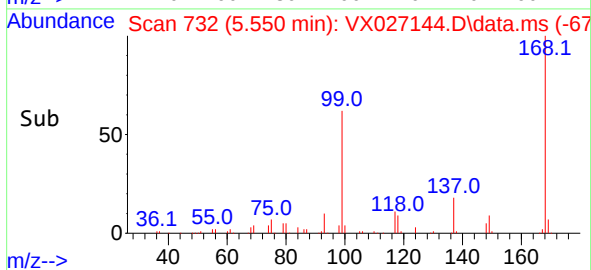
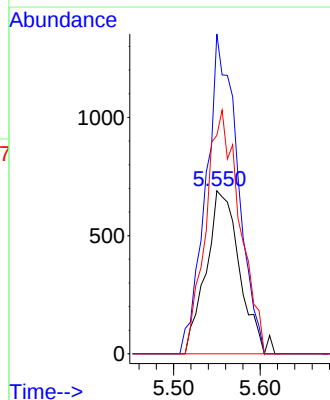
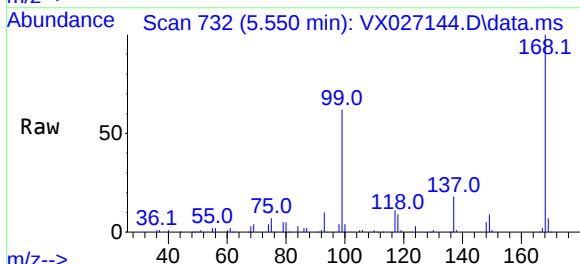
Tgt Ion: 56 Resp: 1859

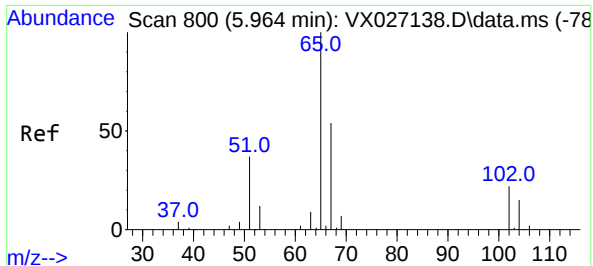
Ion Ratio Lower Upper

56 100

69 196.1 25.8 38.6#

84 133.9 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 49.271 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027144.D

Acq: 23 Feb 2022 14:24

Instrument :

MSVOA\_X

ClientSampleId :

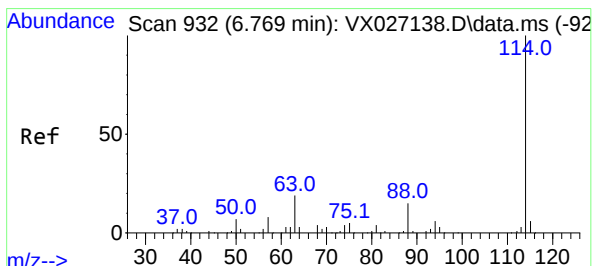
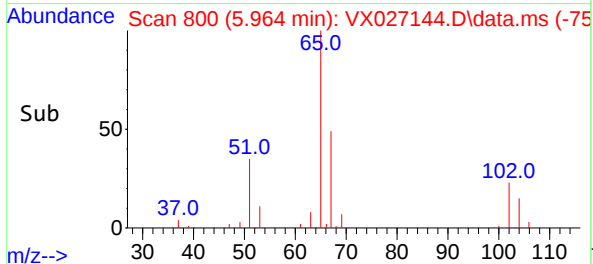
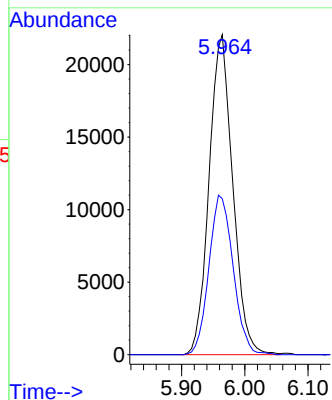
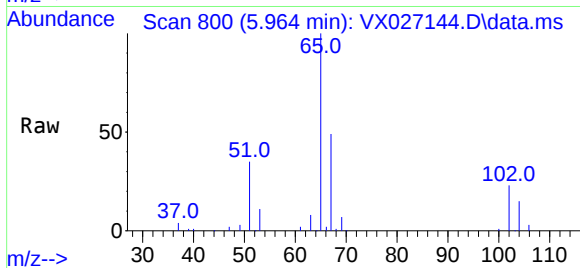
VX0223WBL01

Tgt Ion: 65 Resp: 57335

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027144.D

Acq: 23 Feb 2022 14:24

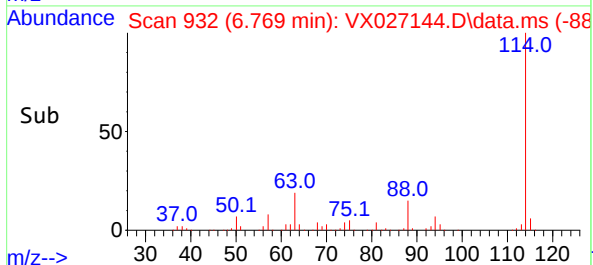
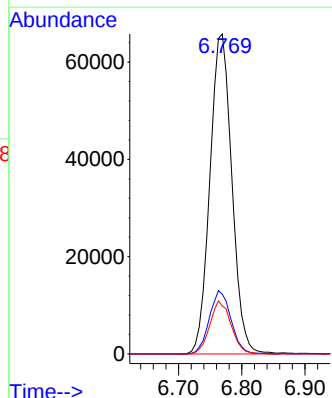
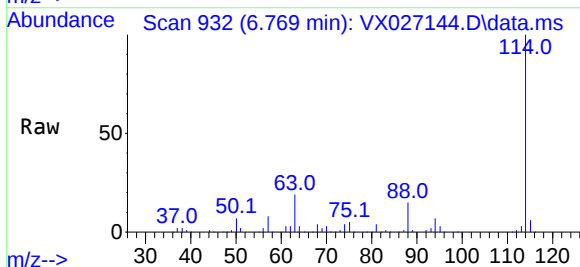
Tgt Ion:114 Resp: 158627

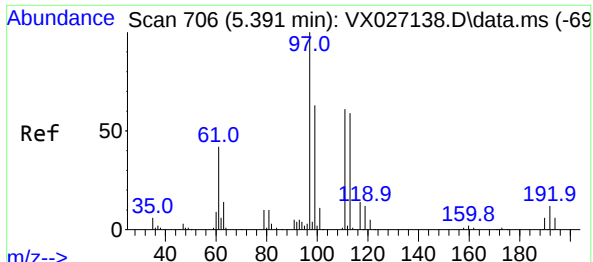
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.8

88 15.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.973 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027144.D

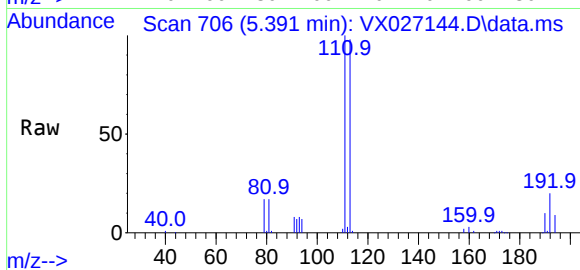
Acq: 23 Feb 2022 14:24

Instrument :

MSVOA\_X

ClientSampleId :

VX0223WBL01



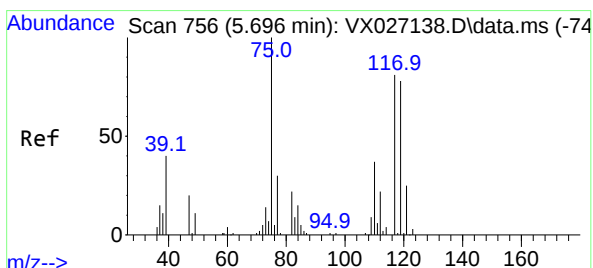
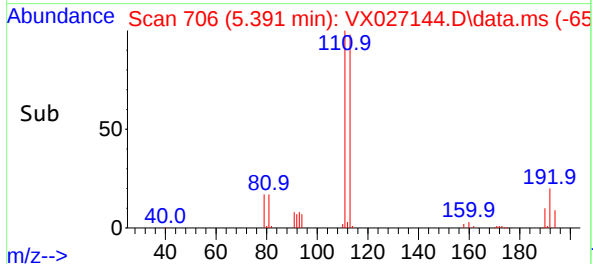
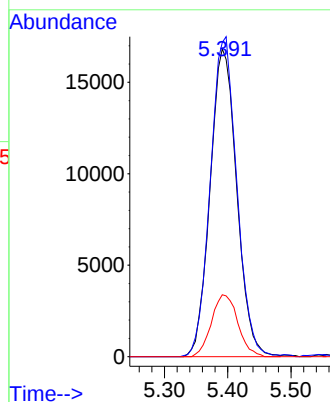
Tgt Ion:113 Resp: 49205

Ion Ratio Lower Upper

113 100

111 103.1 81.2 121.8

192 19.9 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.977 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX027144.D

Acq: 23 Feb 2022 14:24

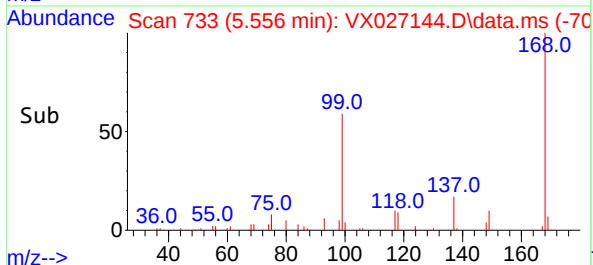
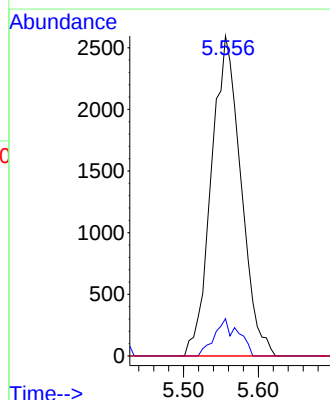
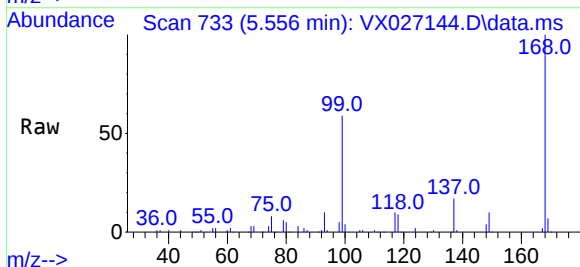
Tgt Ion: 75 Resp: 7152

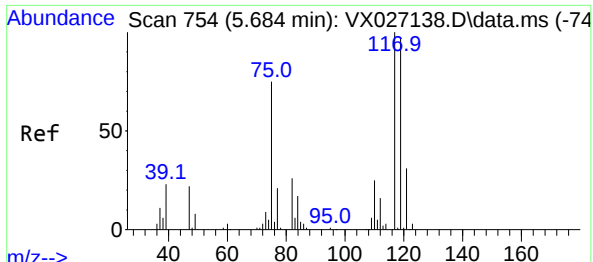
Ion Ratio Lower Upper

75 100

110 9.4 17.2 51.6#

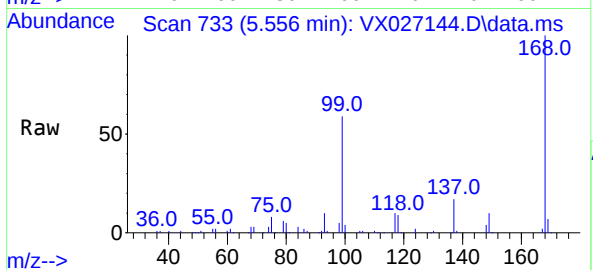
77 0.0 24.6 36.8#



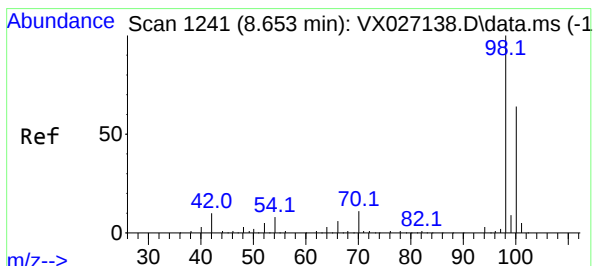
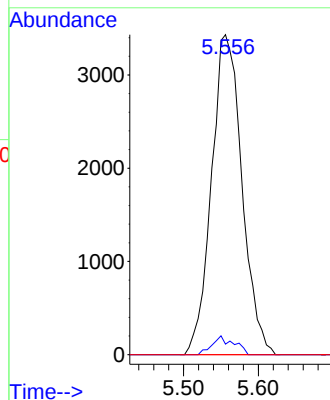
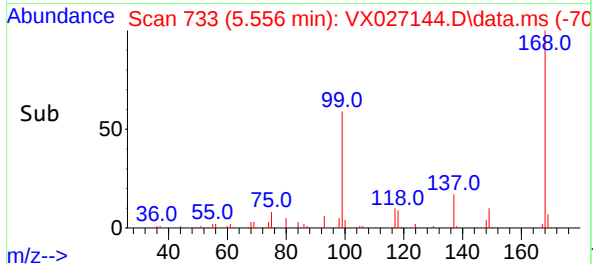


#38  
Carbon Tetrachloride  
Concen: 6.497 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.128 min  
Lab File: VX027144.D  
Acq: 23 Feb 2022 14:24

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ClientSampleId :  
VX0223WBL01

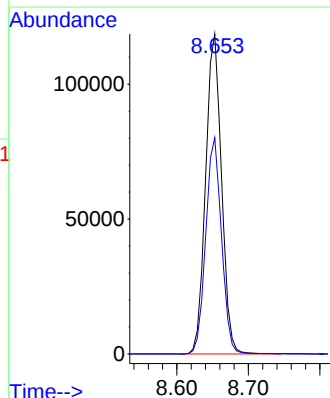
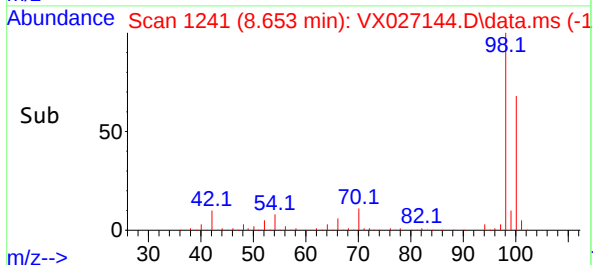
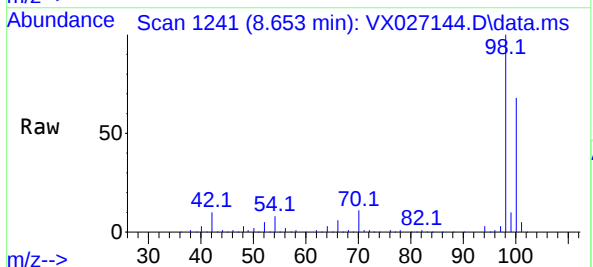


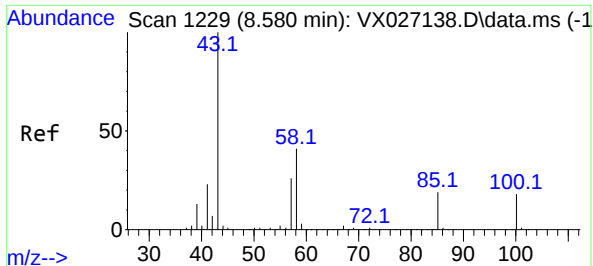
Tgt Ion:117 Resp: 9738  
Ion Ratio Lower Upper  
117 100  
119 3.3 74.7 112.1#  
121 0.0 25.4 38.0#



#50  
Toluene-d8  
Concen: 49.787 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VX027144.D  
Acq: 23 Feb 2022 14:24

Tgt Ion: 98 Resp: 183298  
Ion Ratio Lower Upper  
98 100  
100 67.0 53.2 79.8

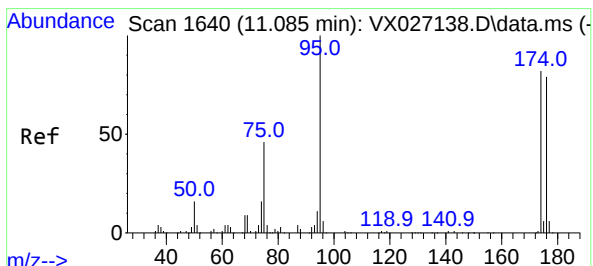
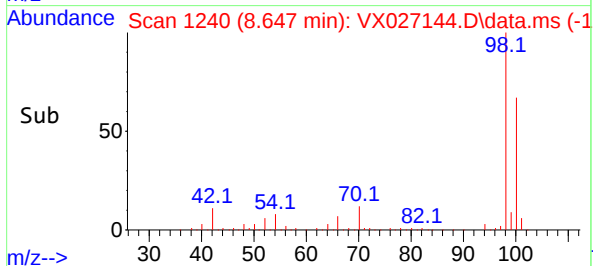
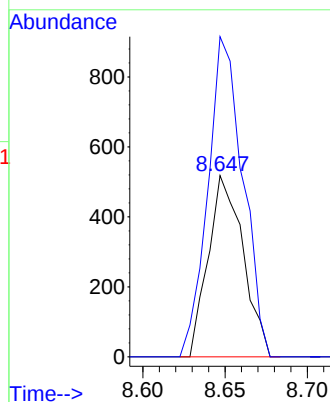
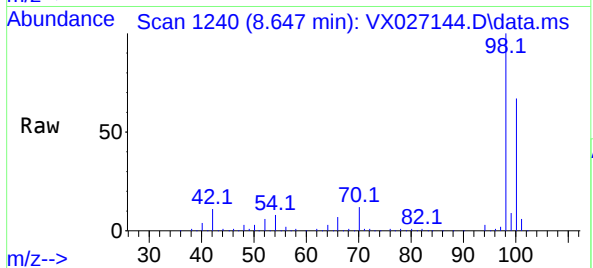




#51  
4-Methyl-2-Pentanone  
Concen: 0.482 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.067 min  
Lab File: VX027144.D  
Acq: 23 Feb 2022 14:24

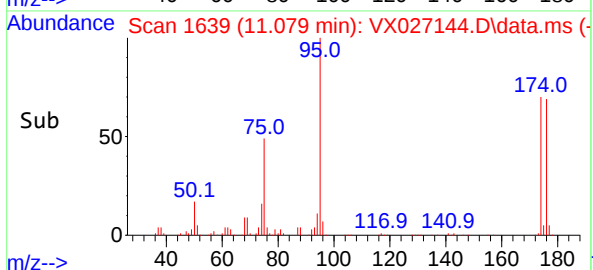
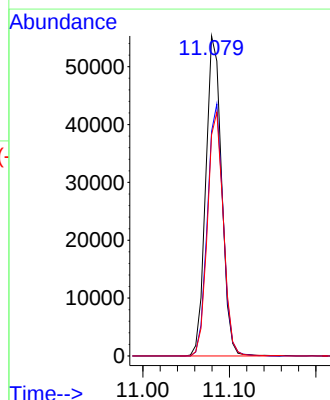
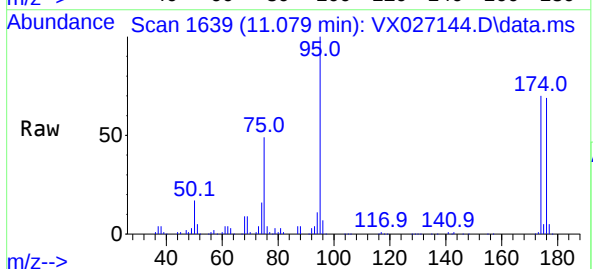
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0223WBL01

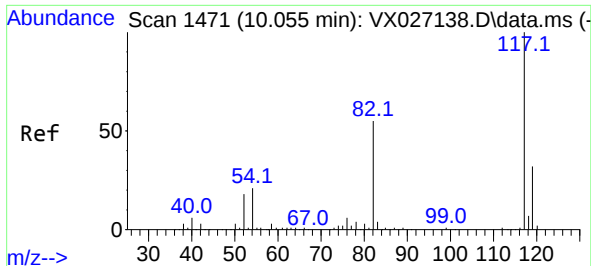
Tgt Ion: 43 Resp: 761  
Ion Ratio Lower Upper  
43 100  
58 178.1 30.5 45.7#



#62  
4-Bromofluorobenzene  
Concen: 49.688 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX027144.D  
Acq: 23 Feb 2022 14:24

Tgt Ion: 95 Resp: 70219  
Ion Ratio Lower Upper  
95 100  
174 78.2 0.0 148.6  
176 76.4 0.0 141.4

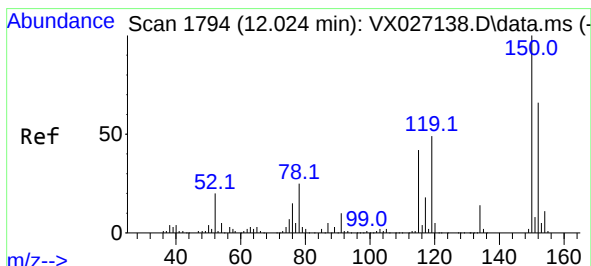
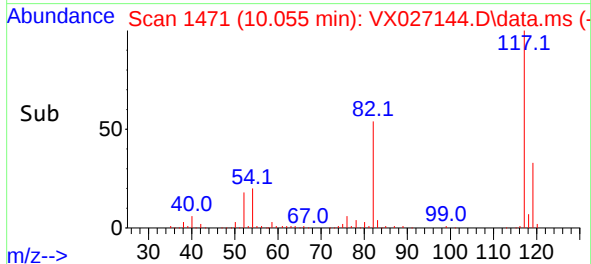
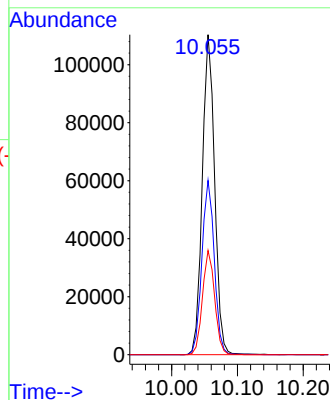
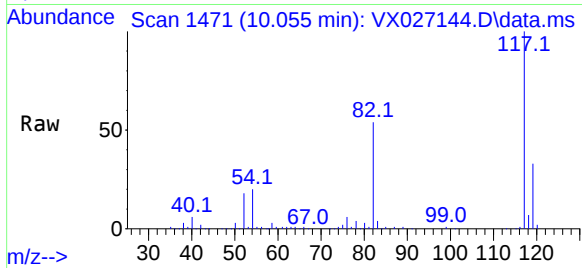




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX027144.D  
Acq: 23 Feb 2022 14:24

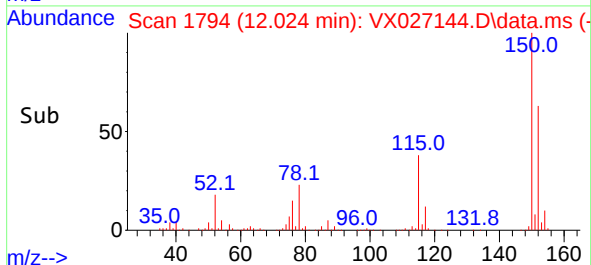
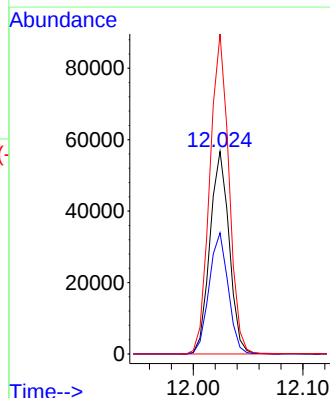
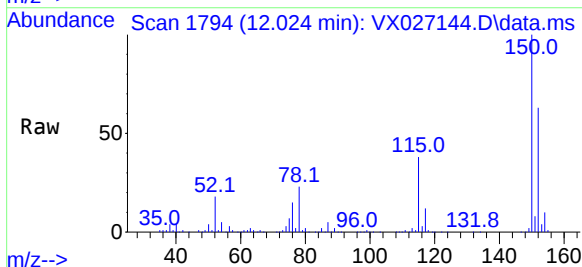
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0223WBL01

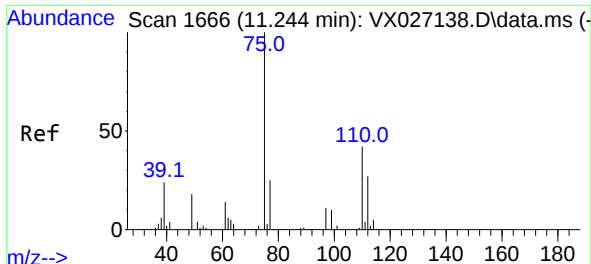
Tgt Ion:117 Resp: 143972  
Ion Ratio Lower Upper  
117 100  
82 54.5 45.2 67.8  
119 32.6 26.2 39.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX027144.D  
Acq: 23 Feb 2022 14:24

Tgt Ion:152 Resp: 69156  
Ion Ratio Lower Upper  
152 100  
115 59.4 44.2 132.6  
150 157.3 0.0 348.2

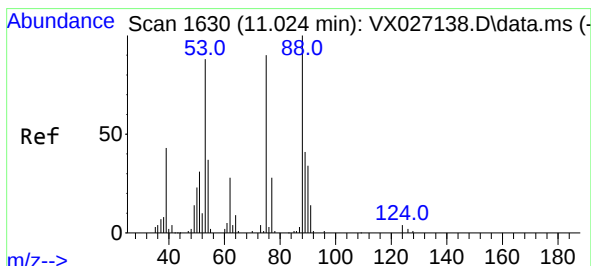
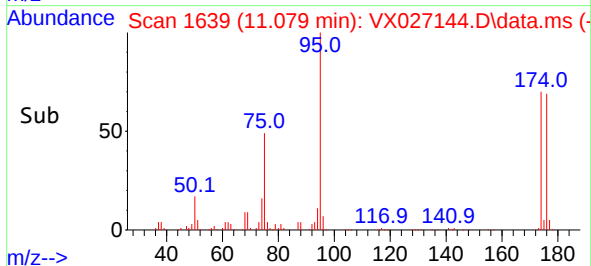
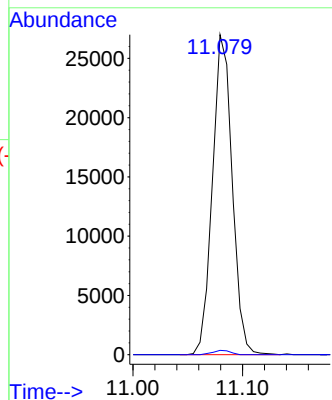
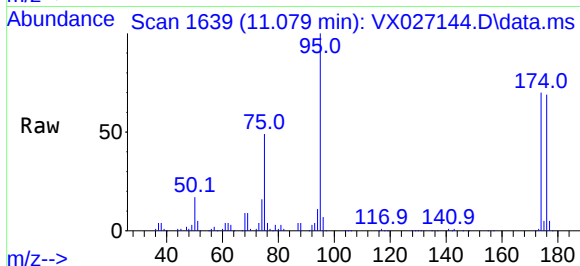




#76  
1,2,3-Trichloropropane  
Concen: 24.271 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.165 min  
Lab File: VX027144.D  
Acq: 23 Feb 2022 14:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0223WBL01

Tgt Ion: 75 Resp: 33808  
Ion Ratio Lower Upper  
75 100  
77 1.2 18.3 54.8#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 68.884 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.055 min  
Lab File: VX027144.D  
Acq: 23 Feb 2022 14:24

Tgt Ion: 75 Resp: 33808  
Ion Ratio Lower Upper  
75 100  
53 0.0 94.0 141.0#  
89 0.0 37.0 55.4#

