

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022522\  
 Data File : VX027191.D  
 Acq On : 25 Feb 2022 16:06  
 Operator : JC/MD  
 Sample : N1676-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Feb 25 23:18:12 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

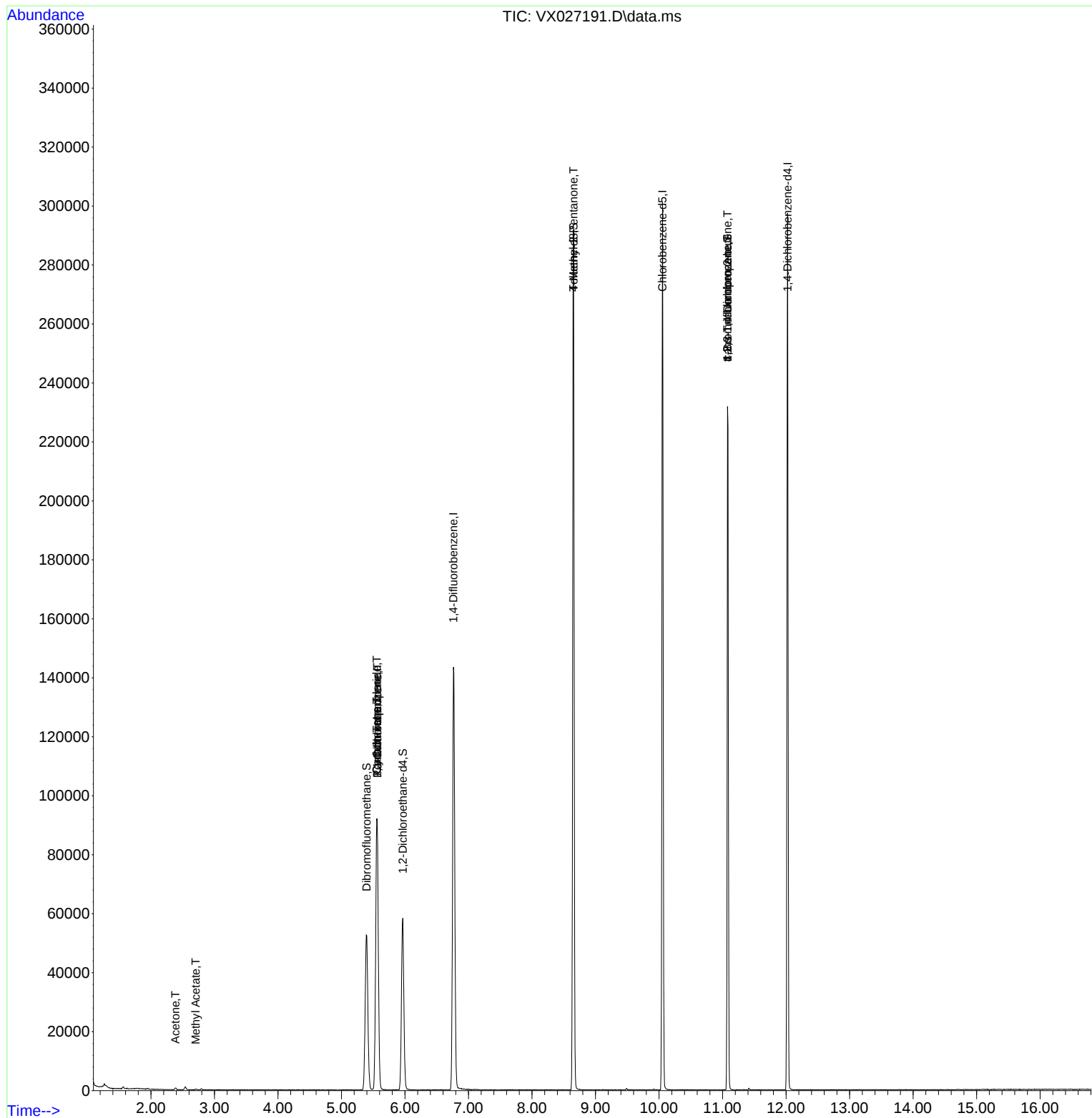
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) Pentafluorobenzene         | 5.562     | 168            | 91826    | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763     | 114            | 151406   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055    | 117            | 136890   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024    | 152            | 62392    | 50.000     | ug/l   | 0.00     |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.964     | 65             | 55242    | 50.091     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 78 - 117 | Recovery | = 100.180% |        |          |
| 35) Dibromofluoromethane      | 5.397     | 113            | 47404    | 50.440     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 75 - 124 | Recovery | = 100.880% |        |          |
| 50) Toluene-d8                | 8.653     | 98             | 174400   | 49.630     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 92 - 112 | Recovery | = 99.260%  |        |          |
| 62) 4-Bromofluorobenzene      | 11.079    | 95             | 65111    | 48.271     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 83 - 123 | Recovery | = 96.540%  |        |          |
| Target Compounds              |           |                |          |            |        |          |
|                               |           |                |          |            | Qvalue |          |
| 5) Bromomethane               | 1.630     | 94             | 107      | Below Cal  |        | 85       |
| 16) Acetone                   | 2.386     | 43             | 830      | 1.714      | ug/l # | 88       |
| 18) Methyl Acetate            | 2.703     | 43             | 379      | 0.303      | ug/l # | 53       |
| 31) Cyclohexane               | 5.556     | 56             | 1647     | 0.997      | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 5.562     | 75             | 6606     | 4.816      | ug/l # | 51       |
| 38) Carbon Tetrachloride      | 5.556     | 117            | 9066     | 6.338      | ug/l # | 17       |
| 51) 4-Methyl-2-Pentanone      | 8.653     | 43             | 694      | 0.461      | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079    | 75             | 31426    | 25.006     | ug/l # | 40       |
| 81) trans-1,4-Dichloro-2-b... | 11.079    | 75             | 31426    | 70.820     | ug/l # | 3        |
| -----                         |           |                |          |            |        |          |

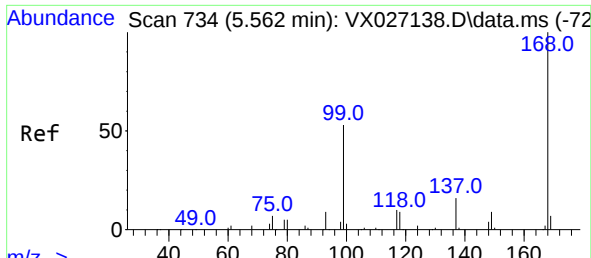
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
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Quant Title : SW846 8260  
QLast Update : Wed Feb 23 13:06:57 2022  
Response via : Initial Calibration

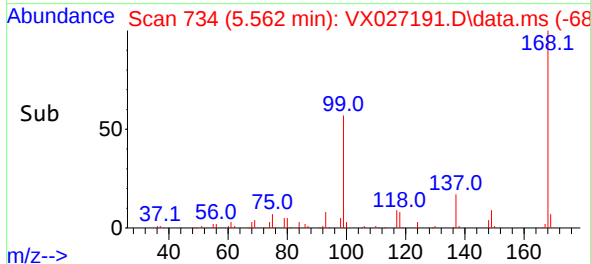
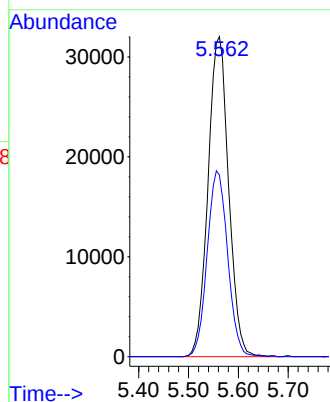
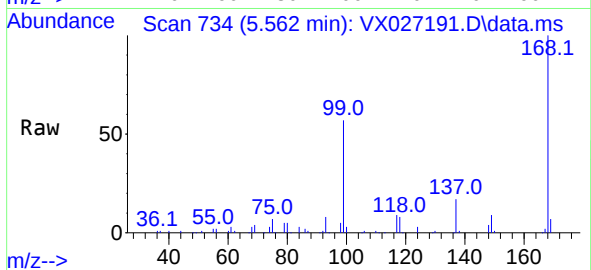




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX027191.D  
Acq: 25 Feb 2022 16:06

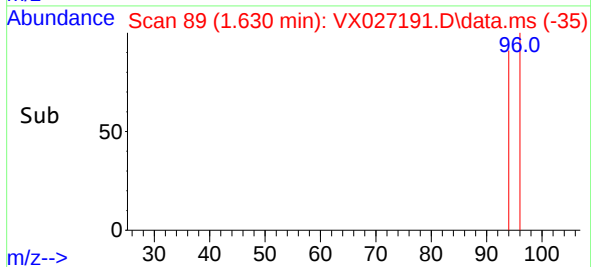
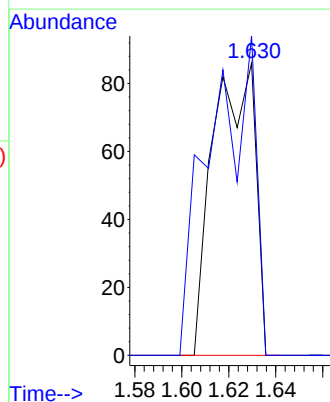
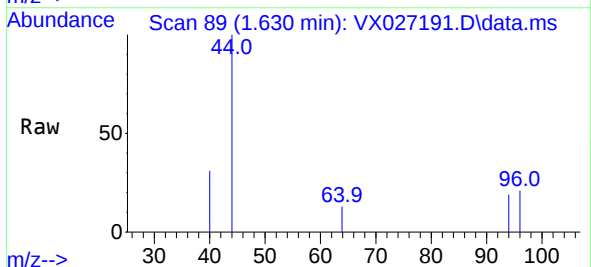
Instrument :  
MSVOA\_X  
ClientSampleId :  
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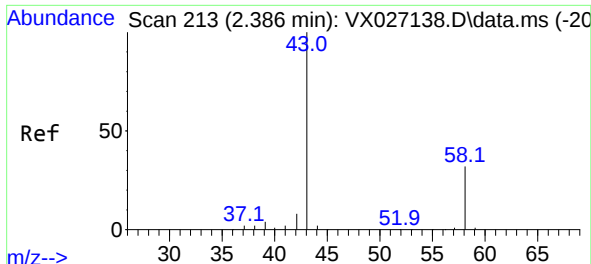
Tgt Ion:168 Resp: 91826  
Ion Ratio Lower Upper  
168 100  
99 56.7 50.3 75.5



#5  
Bromomethane  
Concen: Below Cal  
RT: 1.630 min Scan# 89  
Delta R.T. 0.031 min  
Lab File: VX027191.D  
Acq: 25 Feb 2022 16:06

Tgt Ion: 94 Resp: 107  
Ion Ratio Lower Upper  
94 100  
96 109.3 75.9 113.9

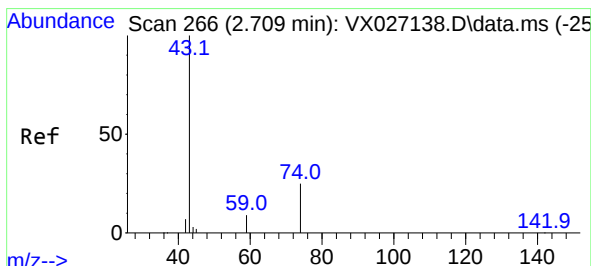
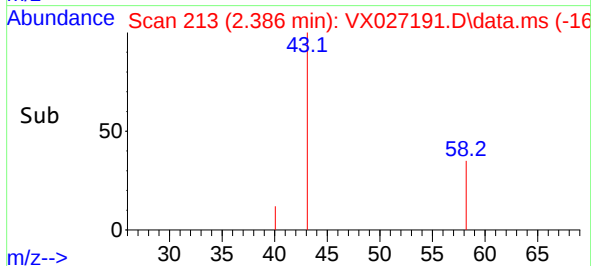
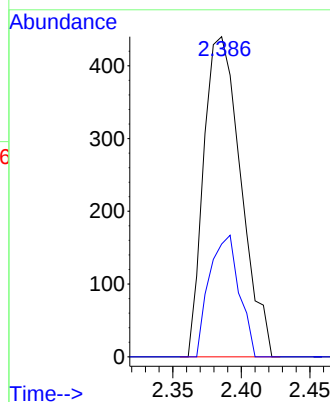
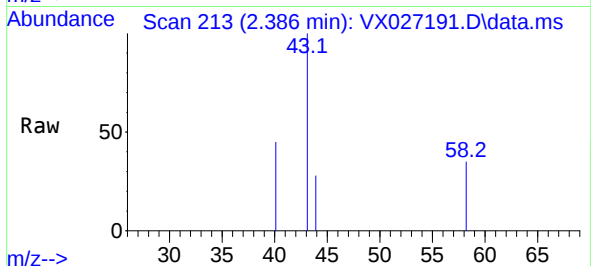




#16  
Acetone  
Concen: 1.714 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX027191.D  
Acq: 25 Feb 2022 16:06

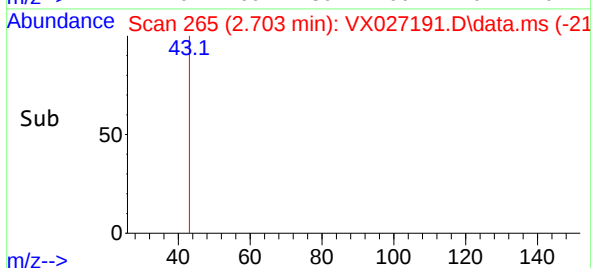
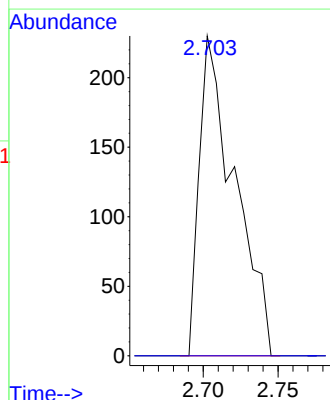
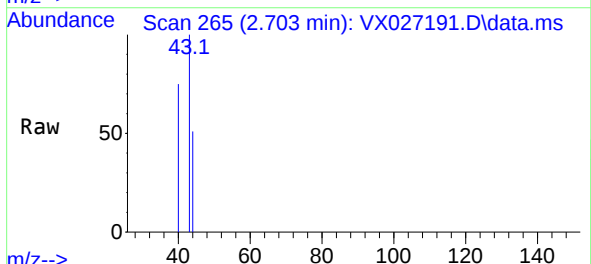
Instrument :  
MSVOA\_X  
ClientSampleId :  
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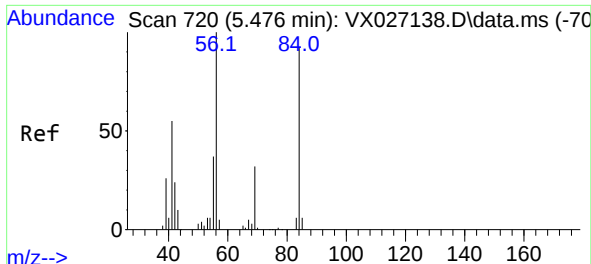
Tgt Ion: 43 Resp: 830  
Ion Ratio Lower Upper  
43 100  
58 35.2 23.0 34.6#



#18  
Methyl Acetate  
Concen: 0.303 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.006 min  
Lab File: VX027191.D  
Acq: 25 Feb 2022 16:06

Tgt Ion: 43 Resp: 379  
Ion Ratio Lower Upper  
43 100  
74 0.0 18.3 27.5#

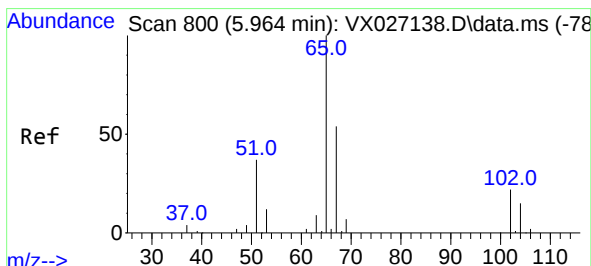
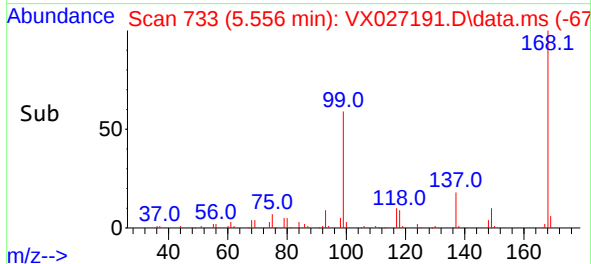
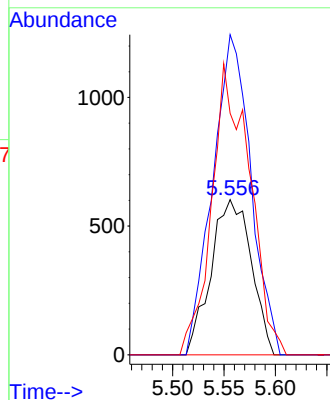
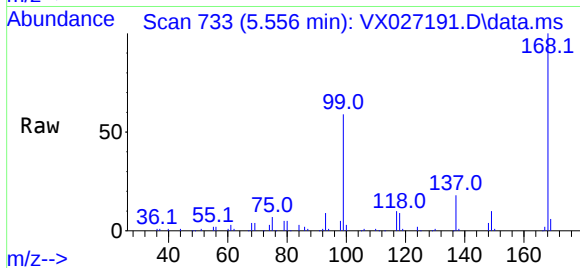




#31  
Cyclohexane  
Concen: 0.997 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.080 min  
Lab File: VX027191.D  
Acq: 25 Feb 2022 16:06

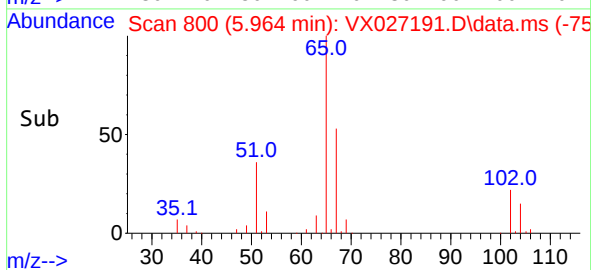
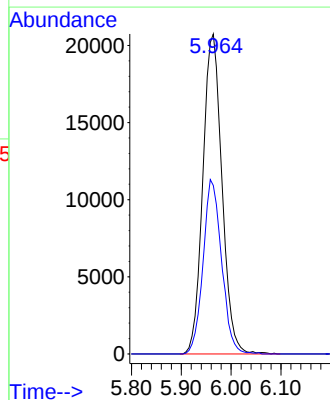
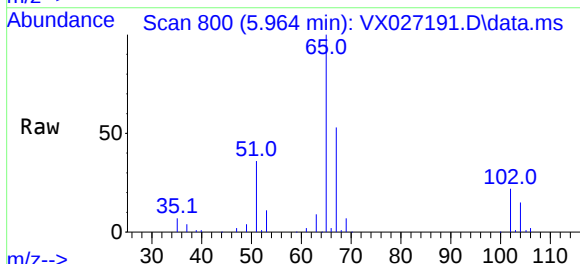
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

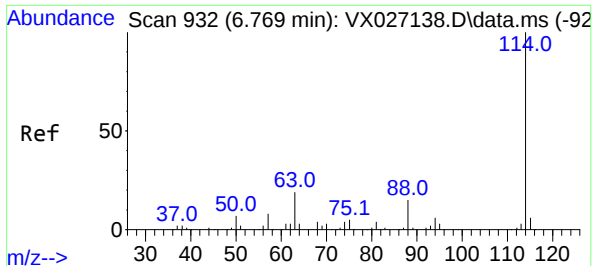
Tgt Ion: 56 Resp: 1647  
Ion Ratio Lower Upper  
56 100  
69 206.3 25.8 38.6#  
84 155.7 68.9 103.3#



#33  
1,2-Dichloroethane-d4  
Concen: 50.091 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX027191.D  
Acq: 25 Feb 2022 16:06

Tgt Ion: 65 Resp: 55242  
Ion Ratio Lower Upper  
65 100  
67 52.7 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX027191.D

Acq: 25 Feb 2022 16:06

Instrument :

MSVOA\_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

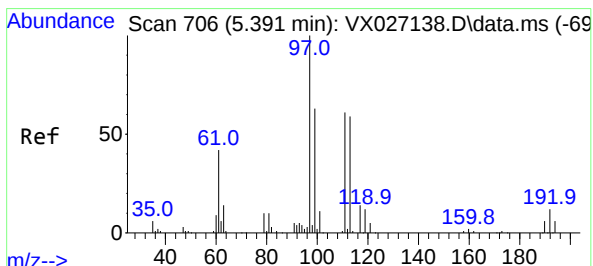
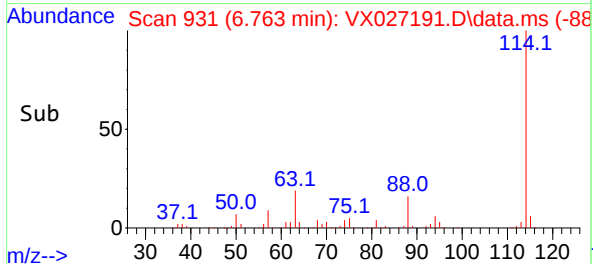
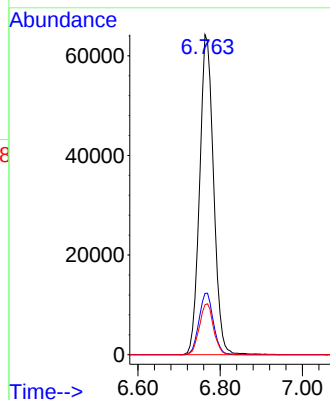
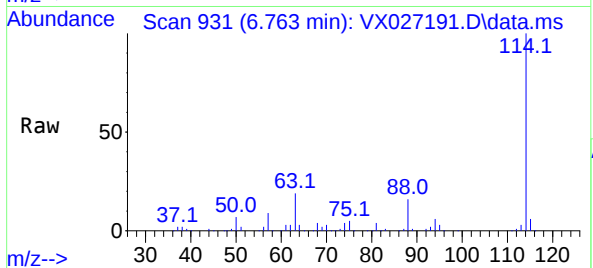
Tgt Ion:114 Resp: 151406

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.8

88 15.6 0.0 33.0



#35

Dibromofluoromethane

Concen: 50.440 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX027191.D

Acq: 25 Feb 2022 16:06

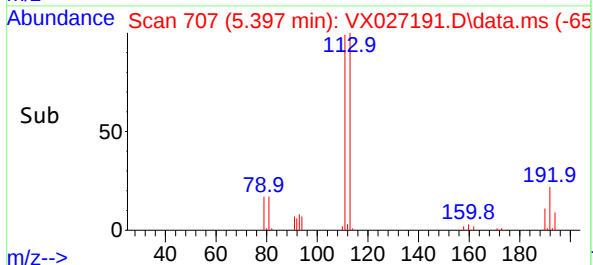
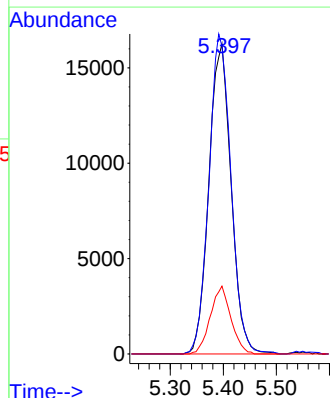
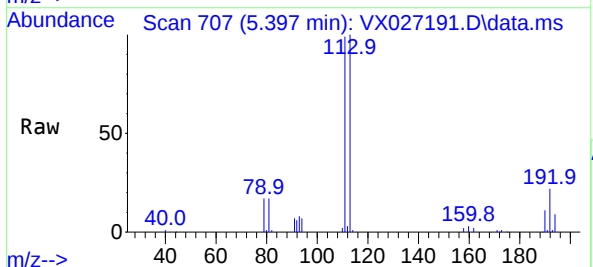
Tgt Ion:113 Resp: 47404

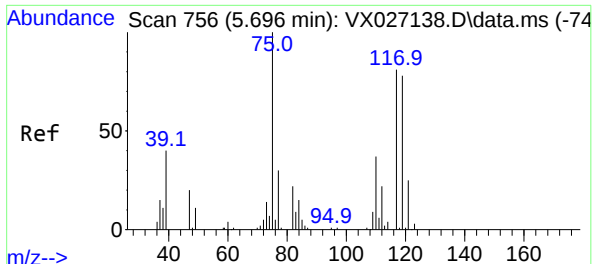
Ion Ratio Lower Upper

113 100

111 102.4 81.2 121.8

192 20.3 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.816 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX027191.D

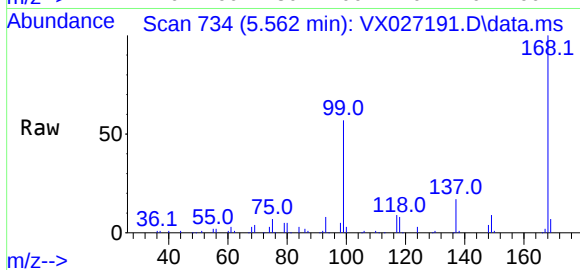
Acq: 25 Feb 2022 16:06

Instrument :

MSVOA\_X

ClientSampleId :

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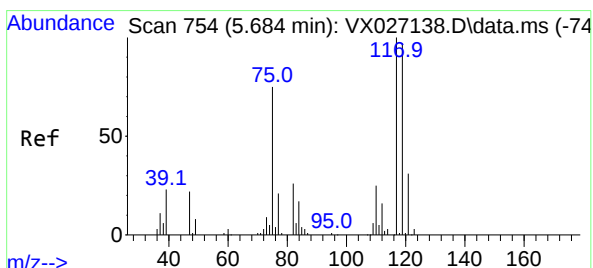
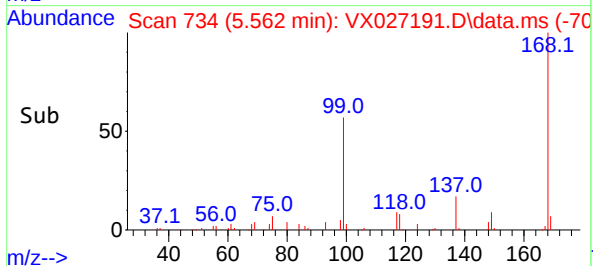
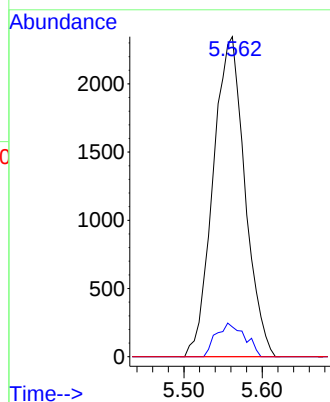
Tgt Ion: 75 Resp: 6606

Ion Ratio Lower Upper

75 100

110 9.5 17.2 51.6#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.338 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027191.D

Acq: 25 Feb 2022 16:06

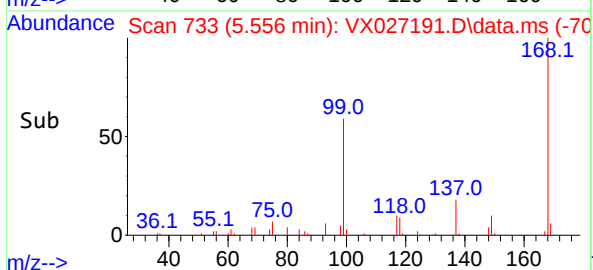
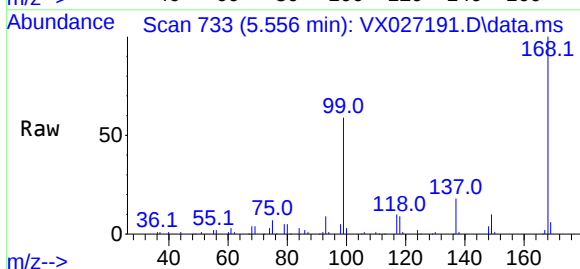
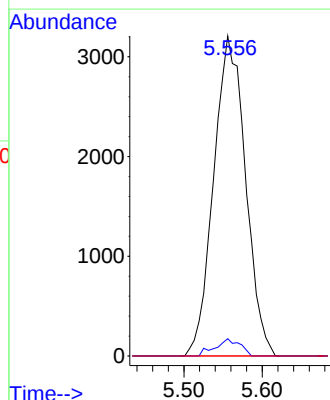
Tgt Ion: 117 Resp: 9066

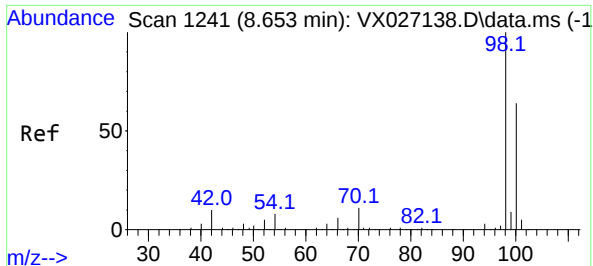
Ion Ratio Lower Upper

117 100

119 5.4 74.7 112.1#

121 0.0 25.4 38.0#

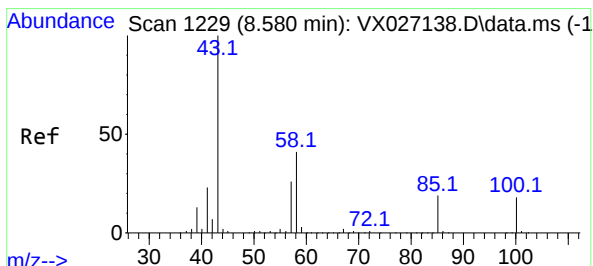
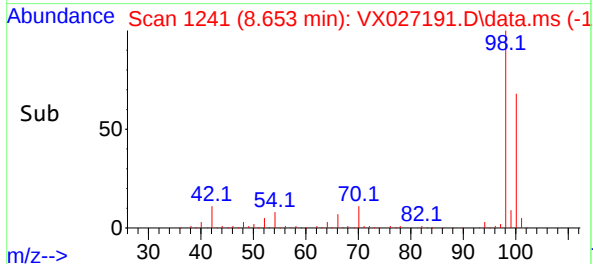
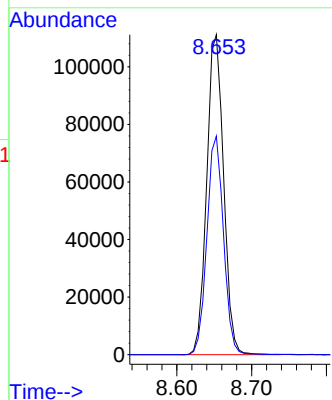
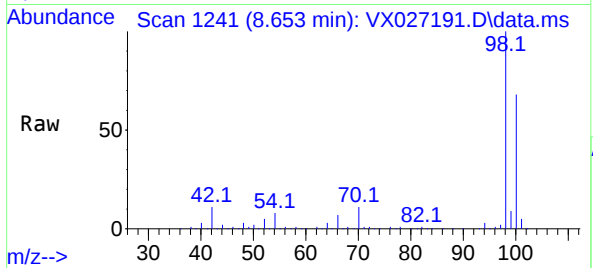




#50  
Toluene-d8  
Concen: 49.630 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX027191.D  
Acq: 25 Feb 2022 16:06

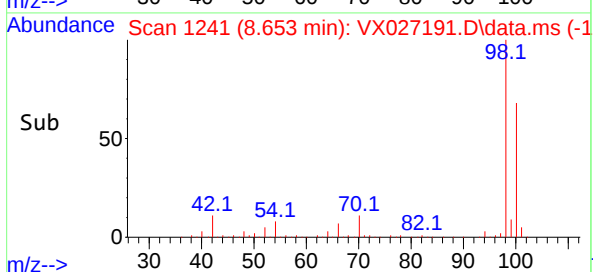
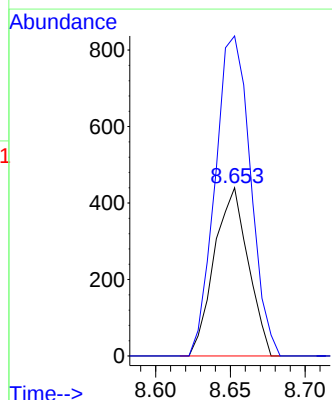
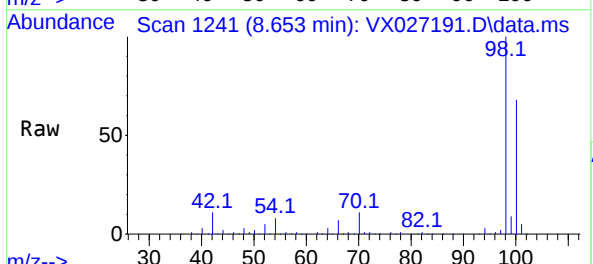
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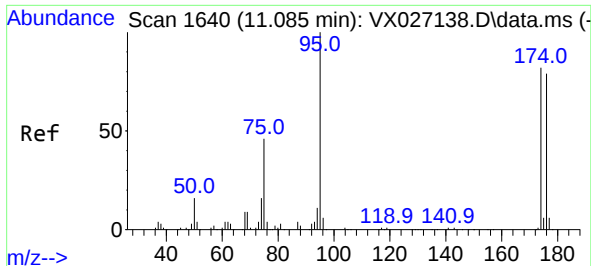
Tgt Ion: 98 Resp: 174400  
Ion Ratio Lower Upper  
98 100  
100 67.3 53.2 79.8



#51  
4-Methyl-2-Pentanone  
Concen: 0.461 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.073 min  
Lab File: VX027191.D  
Acq: 25 Feb 2022 16:06

Tgt Ion: 43 Resp: 694  
Ion Ratio Lower Upper  
43 100  
58 198.3 30.5 45.7#

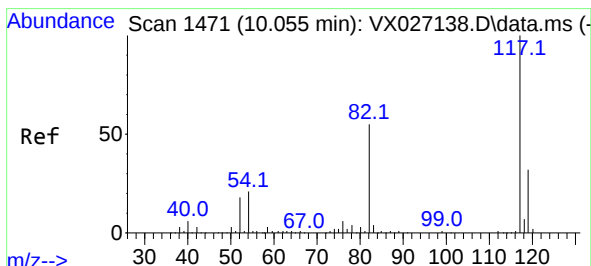
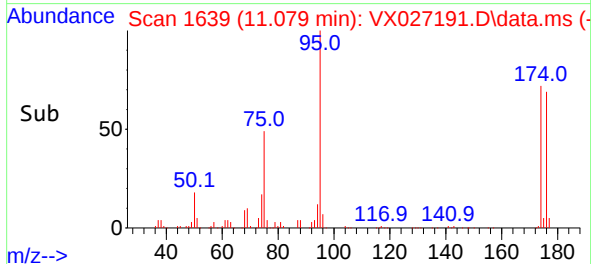
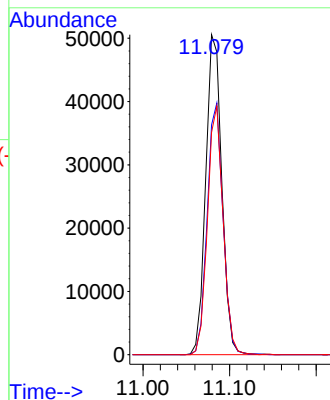
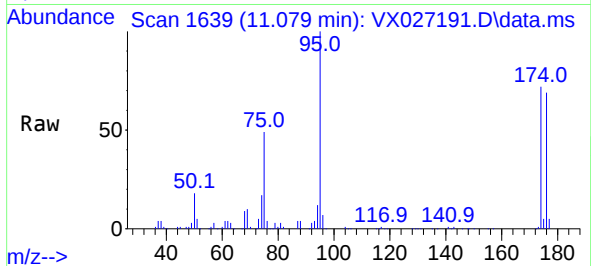




#62  
4-Bromofluorobenzene  
Concen: 48.271 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VX027191.D  
Acq: 25 Feb 2022 16:06

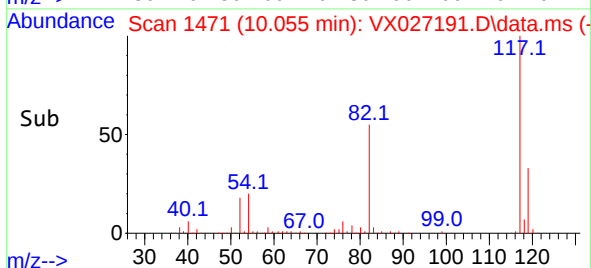
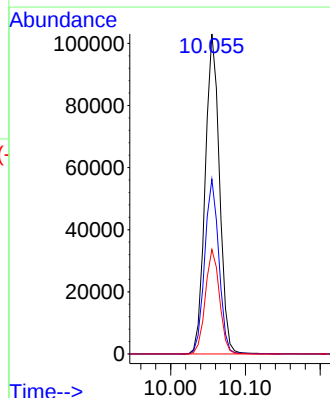
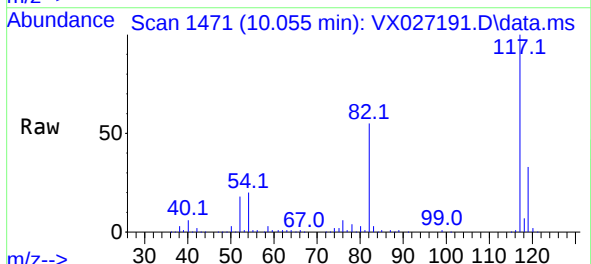
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

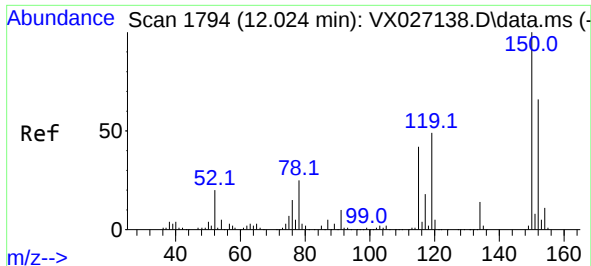
Tgt Ion: 95 Resp: 65111  
Ion Ratio Lower Upper  
95 100  
174 77.5 0.0 148.6  
176 75.5 0.0 141.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX027191.D  
Acq: 25 Feb 2022 16:06

Tgt Ion: 117 Resp: 136890  
Ion Ratio Lower Upper  
117 100  
82 54.6 45.2 67.8  
119 32.7 26.2 39.2

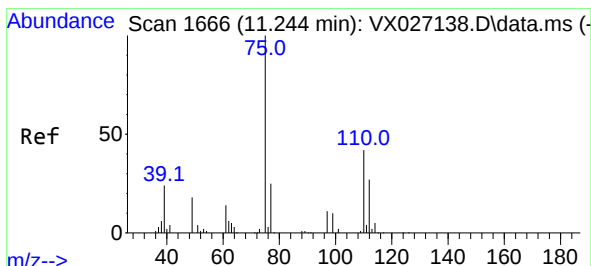
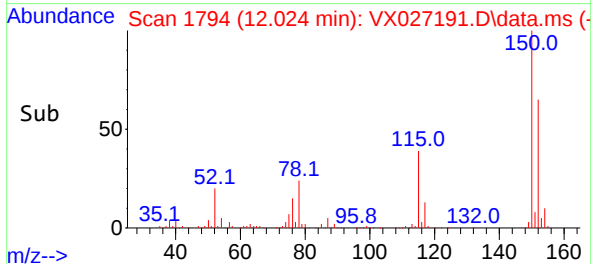
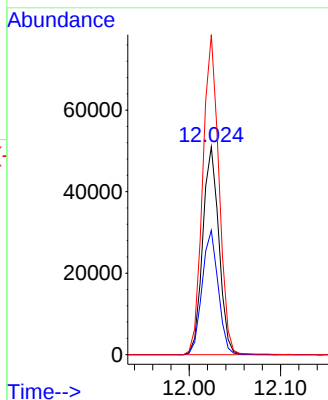
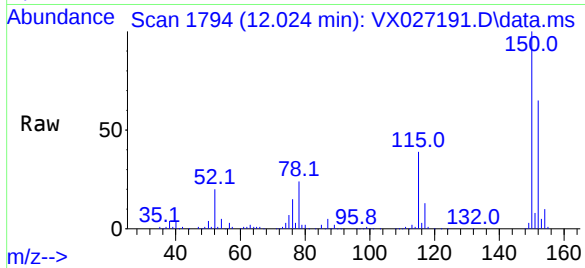




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX027191.D  
Acq: 25 Feb 2022 16:06

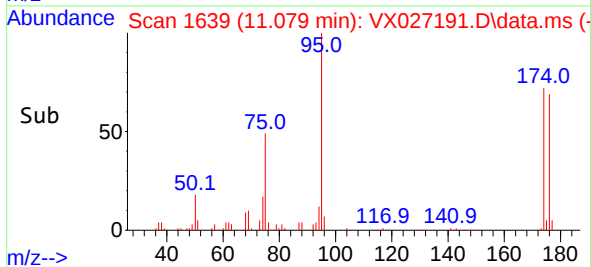
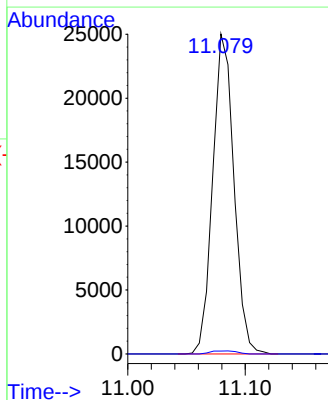
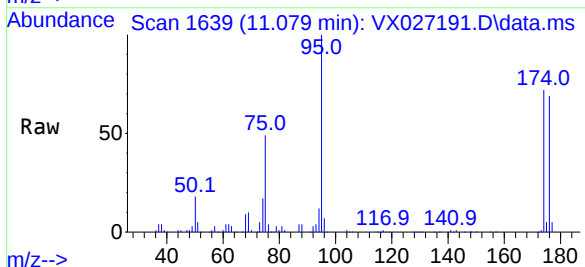
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

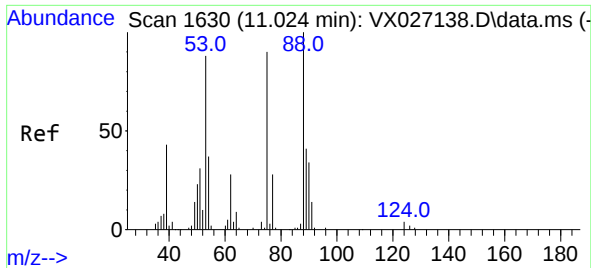
Tgt Ion:152 Resp: 62392  
Ion Ratio Lower Upper  
152 100  
115 59.6 44.2 132.6  
150 154.6 0.0 348.2



#76  
1,2,3-Trichloropropane  
Concen: 25.006 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.165 min  
Lab File: VX027191.D  
Acq: 25 Feb 2022 16:06

Tgt Ion: 75 Resp: 31426  
Ion Ratio Lower Upper  
75 100  
77 1.2 18.3 54.8#





#81  
trans-1,4-Dichloro-2-butene  
Concen: 70.820 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.055 min  
Lab File: VX027191.D  
Acq: 25 Feb 2022 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 31426  
Ion Ratio Lower Upper  
75 100  
53 0.0 94.0 141.0#  
89 0.0 37.0 55.4#

