

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX123121\  
 Data File : VX026163.D  
 Acq On : 30 Dec 2021 13:17  
 Operator : JC/MD  
 Sample : M5132-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 31 07:07:34 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 30 08:02:21 2021  
 Response via : Initial Calibration

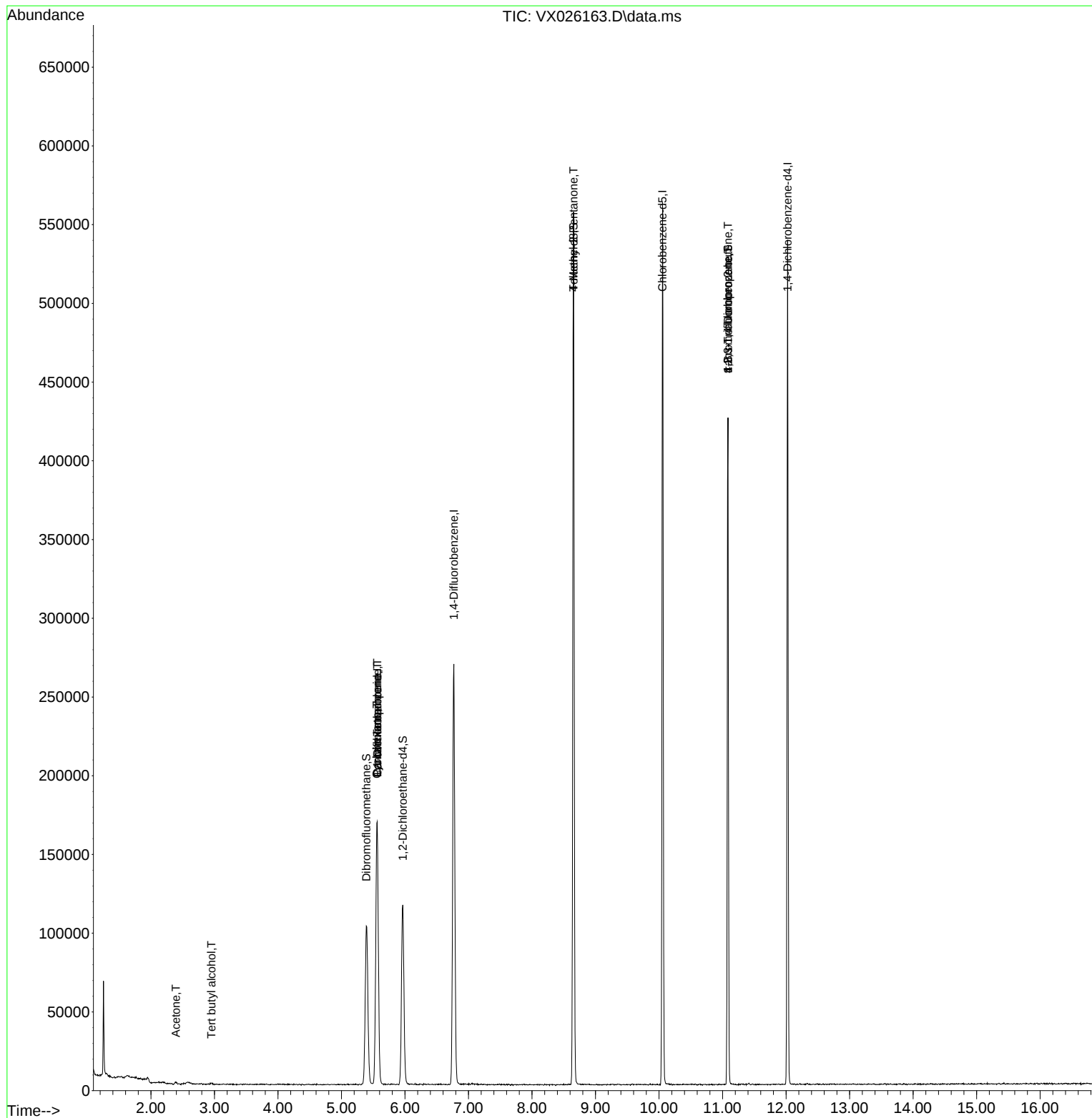
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) Pentafluorobenzene         | 5.562     | 168            | 151971   | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.769     | 114            | 256523   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055    | 117            | 225164   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024    | 152            | 98801    | 50.000     | ug/l   | 0.00     |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.964     | 65             | 110889   | 50.437     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 78 - 117 | Recovery | = 100.880% |        |          |
| 35) Dibromofluoromethane      | 5.391     | 113            | 85256    | 51.121     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 75 - 124 | Recovery | = 102.240% |        |          |
| 50) Toluene-d8                | 8.653     | 98             | 304107   | 49.023     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 92 - 112 | Recovery | = 98.040%  |        |          |
| 62) 4-Bromofluorobenzene      | 11.085    | 95             | 104090   | 47.135     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 83 - 123 | Recovery | = 94.280%  |        |          |
| Target Compounds              |           |                |          |            |        |          |
|                               |           |                |          |            | Qvalue |          |
| 11) Tert butyl alcohol        | 2.952     | 59             | 515      | 1.173      | ug/l # | 73       |
| 16) Acetone                   | 2.391     | 43             | 1870     | 1.570      | ug/l # | 82       |
| 20) Methylene Chloride        | 2.788     | 84             | 232      | Below Cal  | #      | 89       |
| 31) Cyclohexane               | 5.556     | 56             | 3912     | 1.249      | ug/l # | 28       |
| 36) 1,1-Dichloropropene       | 5.562     | 75             | 12715    | 4.727      | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 5.562     | 117            | 16040    | 5.361      | ug/l # | 16       |
| 51) 4-Methyl-2-Pentanone      | 8.653     | 43             | 1650     | 0.522      | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.085    | 75             | 57506    | 24.113     | ug/l # | 39       |
| 81) trans-1,4-Dichloro-2-b... | 11.085    | 75             | 57506    | 69.760     | ug/l # | 10       |
| -----                         |           |                |          |            |        |          |

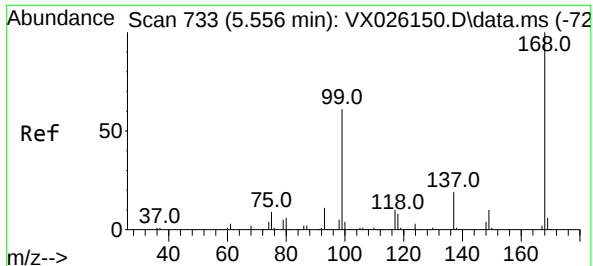
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX123121\  
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Sample : M5132-02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Dec 31 07:07:34 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 30 08:02:21 2021  
Response via : Initial Calibration

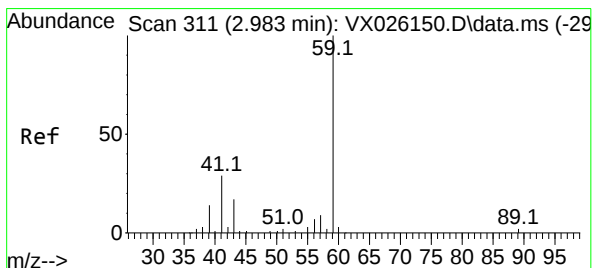
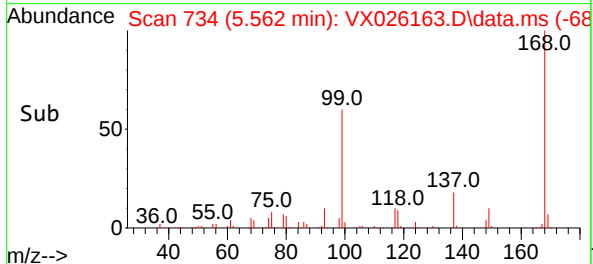
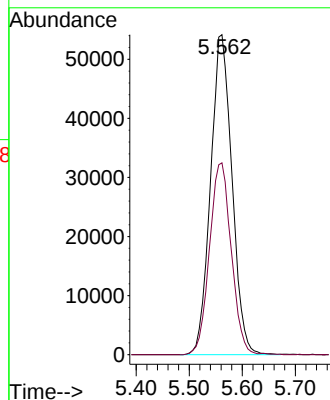
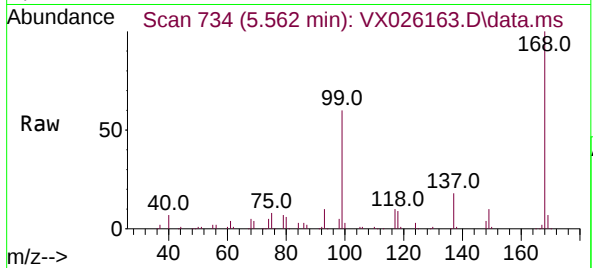




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX026163.D  
Acq: 30 Dec 2021 13:17

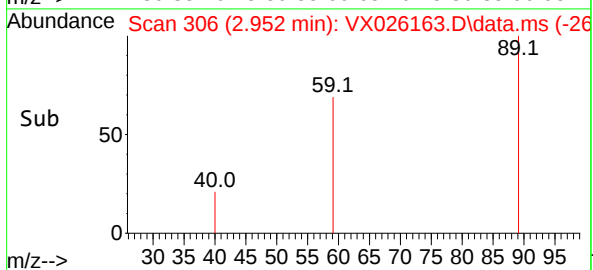
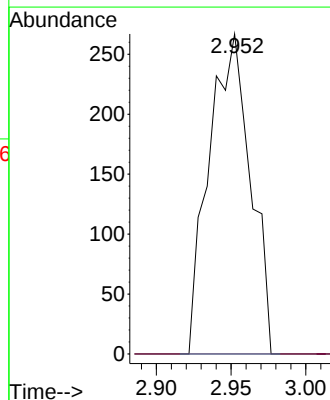
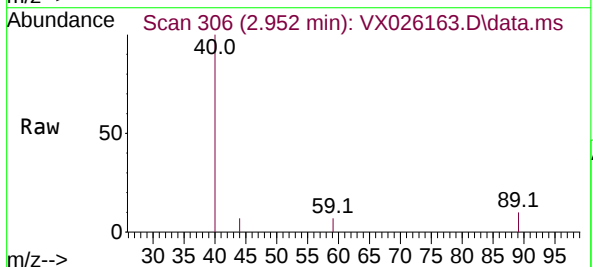
Instrument :  
MSVOA\_X  
ClientSampleId :

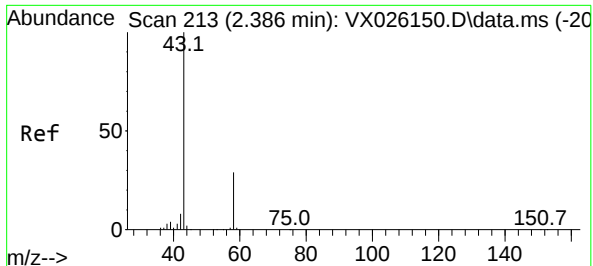
Tgt Ion:168 Resp: 151971  
Ion Ratio Lower Upper  
168 100  
99 59.9 45.8 68.8



#11  
Tert butyl alcohol  
Concen: 1.173 ug/l  
RT: 2.952 min Scan# 306  
Delta R.T. -0.031 min  
Lab File: VX026163.D  
Acq: 30 Dec 2021 13:17

Tgt Ion: 59 Resp: 515  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.2#

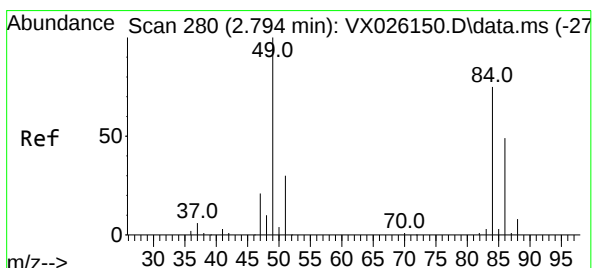
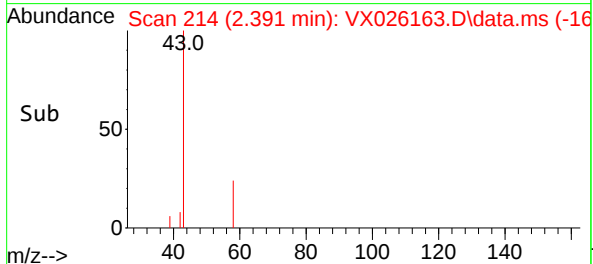
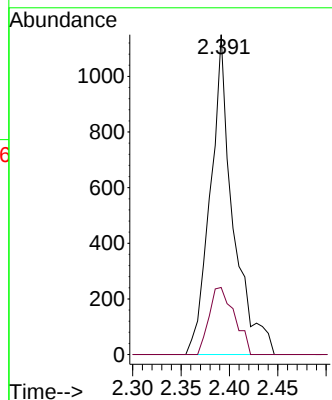
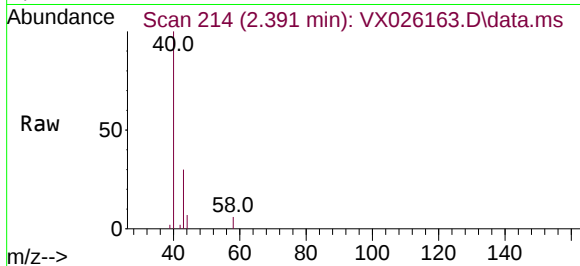




#16  
Acetone  
Concen: 1.570 ug/l  
RT: 2.391 min Scan# 21  
Delta R.T. 0.005 min  
Lab File: VX026163.D  
Acq: 30 Dec 2021 13:17

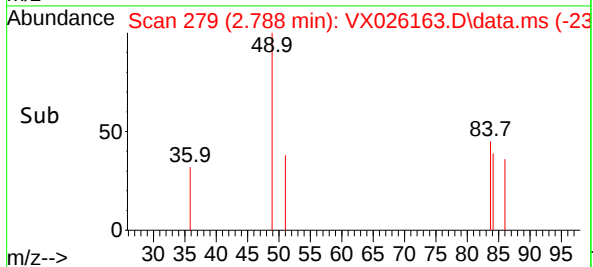
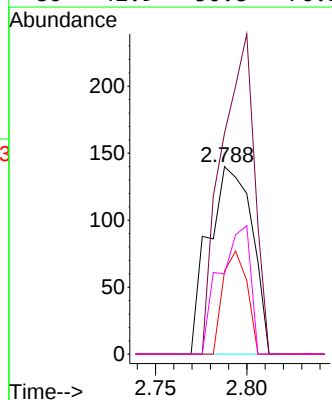
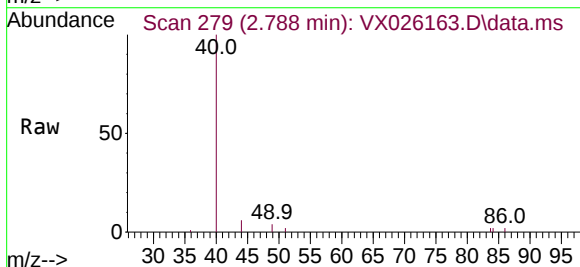
Instrument :  
MSVOA\_X  
ClientSampleId :

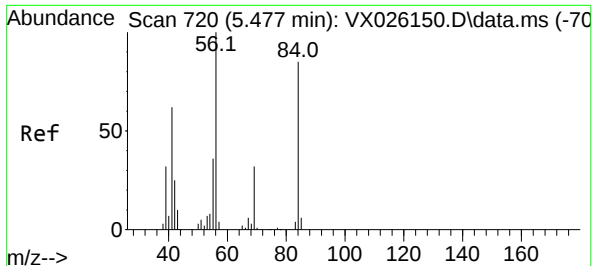
Tgt Ion: 43 Resp: 1870  
Ion Ratio Lower Upper  
43 100  
58 21.0 24.8 37.2#



#20  
Methylene Chloride  
Concen: Below Cal  
RT: 2.788 min Scan# 279  
Delta R.T. -0.006 min  
Lab File: VX026163.D  
Acq: 30 Dec 2021 13:17

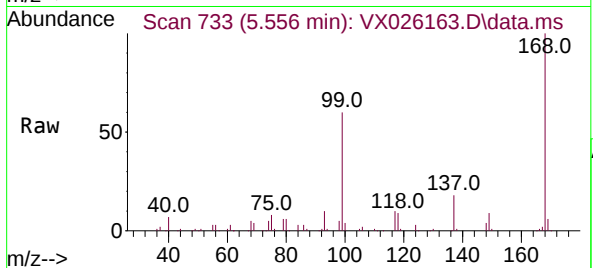
Tgt Ion: 84 Resp: 232  
Ion Ratio Lower Upper  
84 100  
49 117.9 97.1 145.7  
51 44.3 29.3 43.9#  
86 42.9 50.8 76.2#



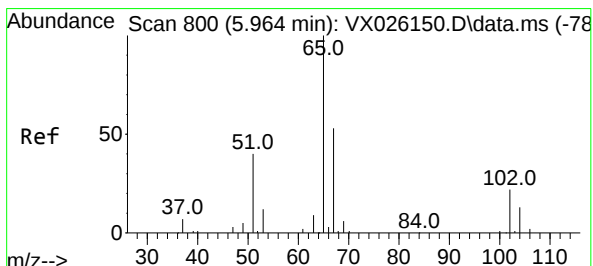
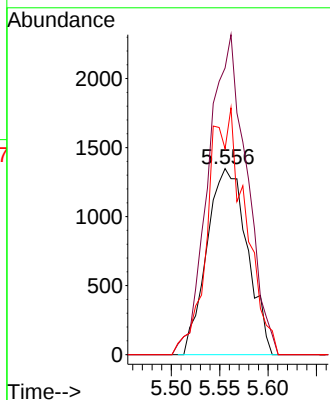
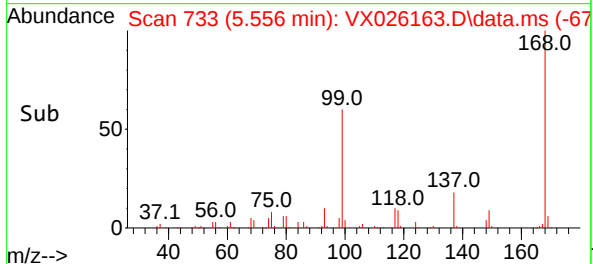


#31  
Cyclohexane  
Concen: 1.249 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.079 min  
Lab File: VX026163.D  
Acq: 30 Dec 2021 13:17

Instrument :  
MSVOA\_X  
ClientSampleId :

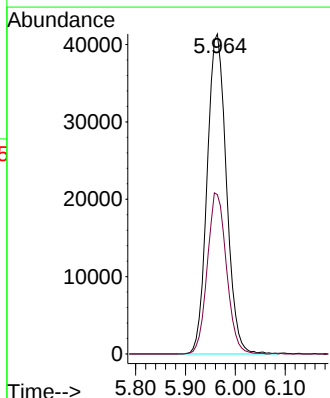
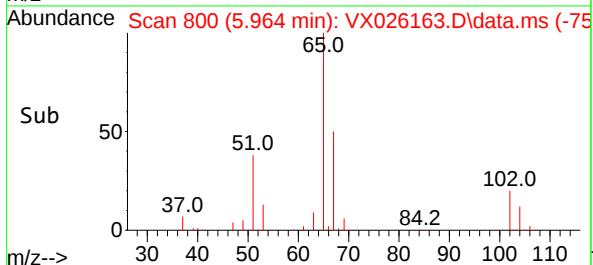
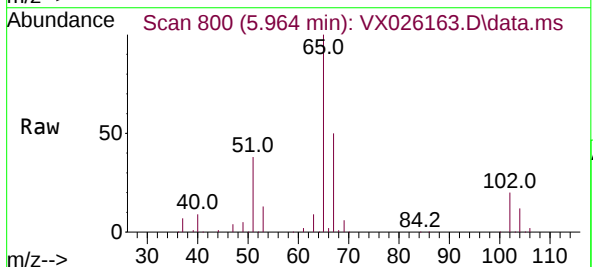


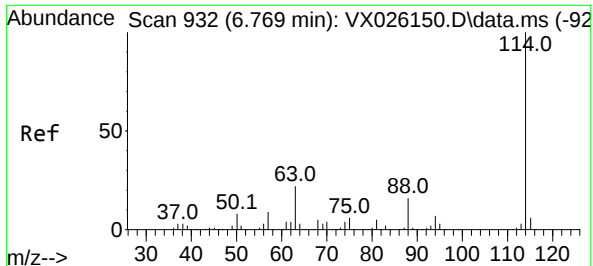
Tgt Ion: 56 Resp: 3912  
Ion Ratio Lower Upper  
56 100  
69 154.1 23.9 35.9#  
84 110.6 73.2 109.8#



#33  
1,2-Dichloroethane-d4  
Concen: 50.437 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. -0.000 min  
Lab File: VX026163.D  
Acq: 30 Dec 2021 13:17

Tgt Ion: 65 Resp: 110889  
Ion Ratio Lower Upper  
65 100  
67 50.1 0.0 103.4

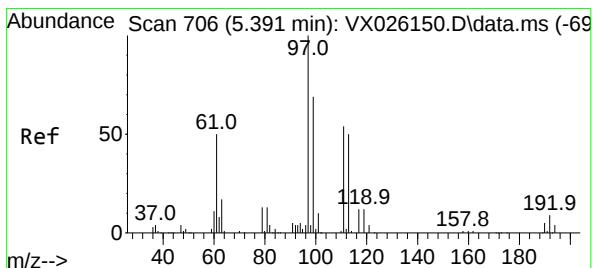
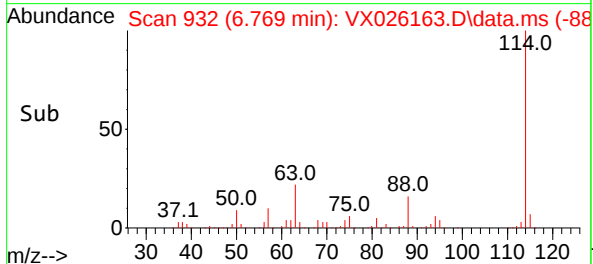
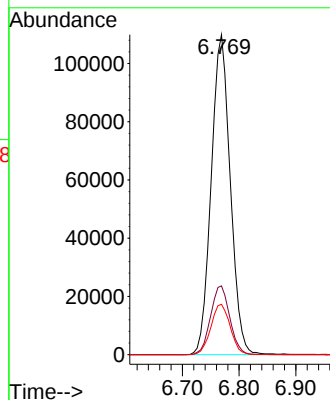
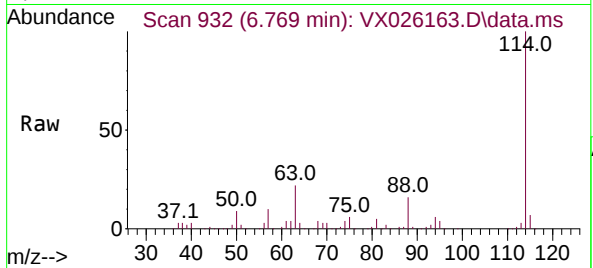




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX026163.D  
Acq: 30 Dec 2021 13:17

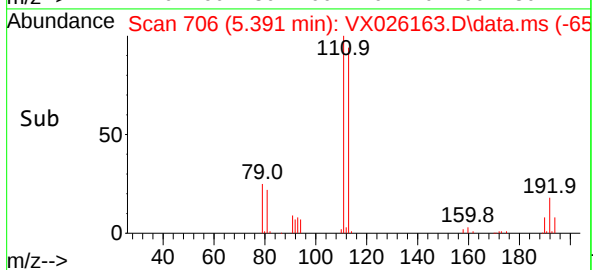
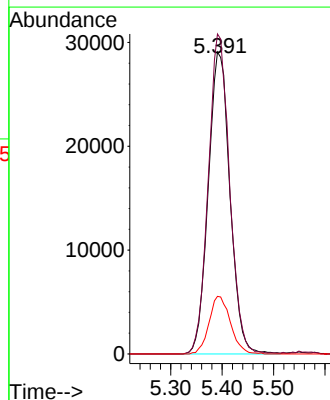
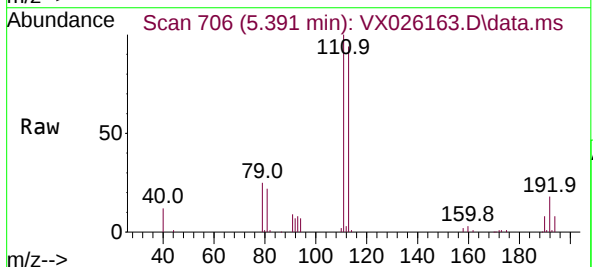
Instrument :  
MSVOA\_X  
ClientSampleId :

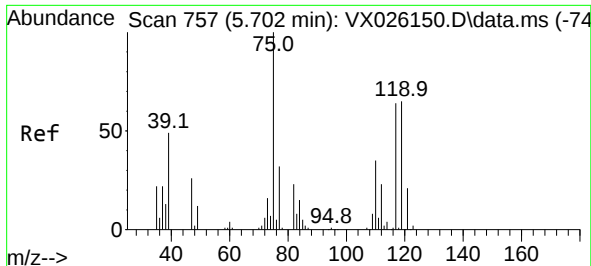
Tgt Ion:114 Resp: 256523  
Ion Ratio Lower Upper  
114 100  
63 21.5 0.0 40.0  
88 15.8 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 51.121 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: VX026163.D  
Acq: 30 Dec 2021 13:17

Tgt Ion:113 Resp: 85256  
Ion Ratio Lower Upper  
113 100  
111 104.2 81.8 122.8  
192 18.8 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.727 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX026163.D

Acq: 30 Dec 2021 13:17

Instrument :

MSVOA\_X

ClientSampleId :

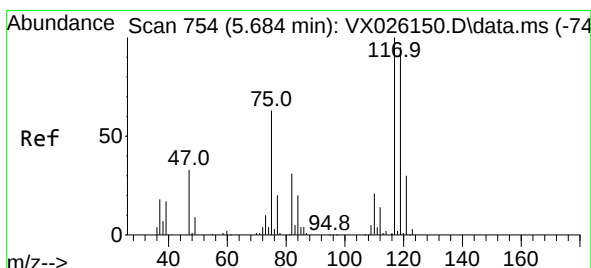
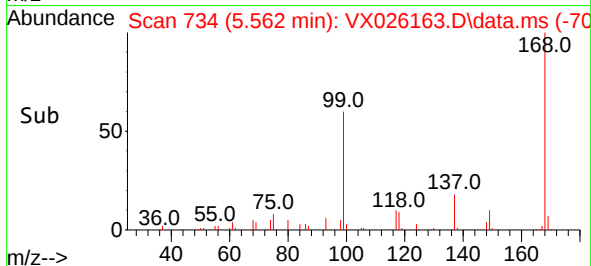
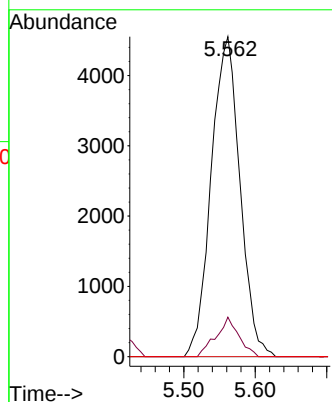
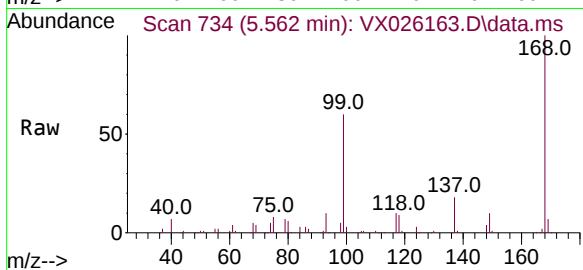
Tgt Ion: 75 Resp: 12715

Ion Ratio Lower Upper

75 100

110 9.8 18.2 54.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.361 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

Lab File: VX026163.D

Acq: 30 Dec 2021 13:17

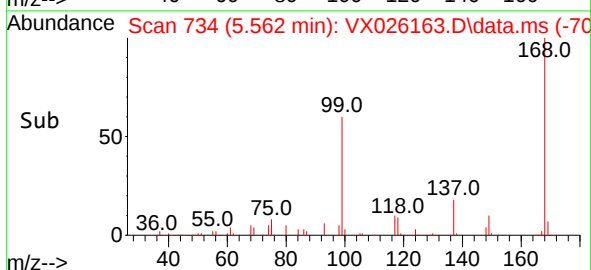
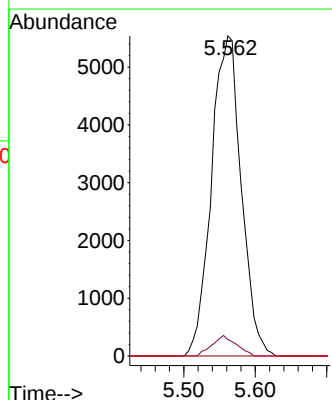
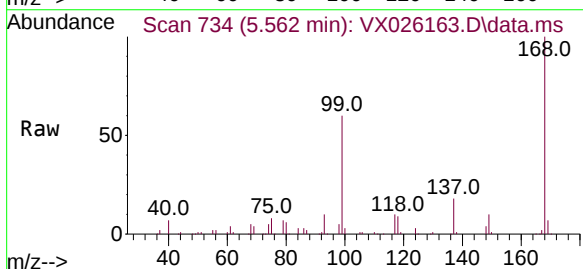
Tgt Ion: 117 Resp: 16040

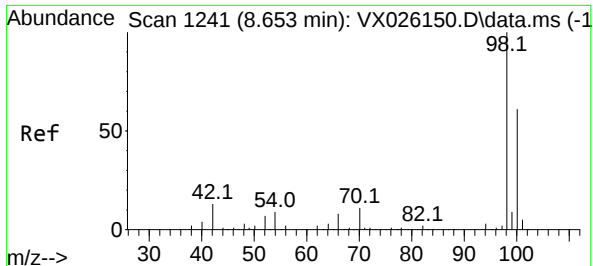
Ion Ratio Lower Upper

117 100

119 5.1 77.2 115.8#

121 0.0 23.8 35.8#





#50

Toluene-d8

Concen: 49.023 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026163.D

Acq: 30 Dec 2021 13:17

Instrument :

MSVOA\_X

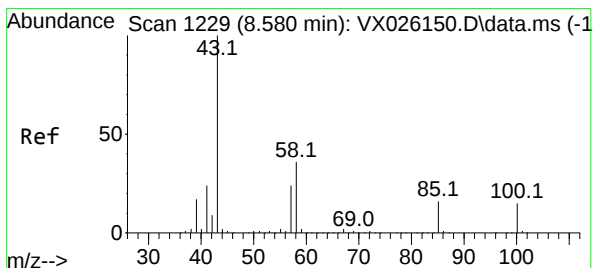
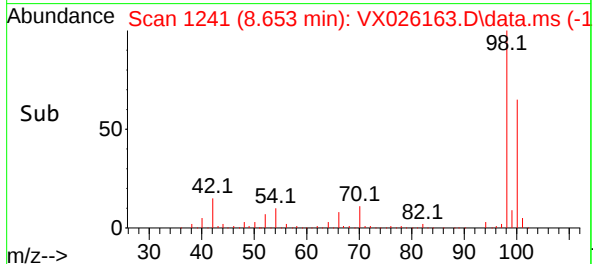
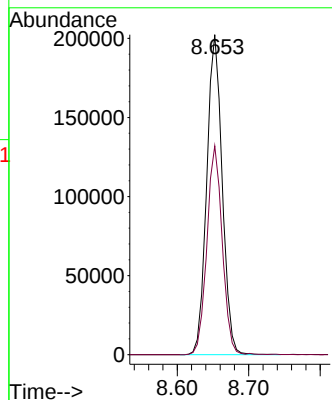
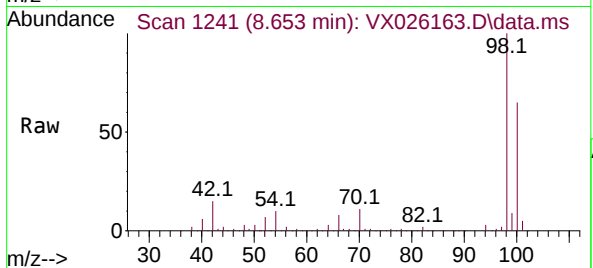
ClientSampleId :

Tgt Ion: 98 Resp: 304107

Ion Ratio Lower Upper

98 100

100 64.7 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.522 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX026163.D

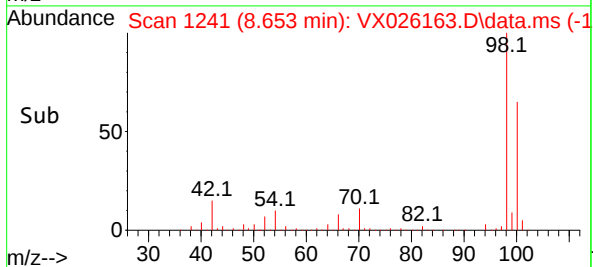
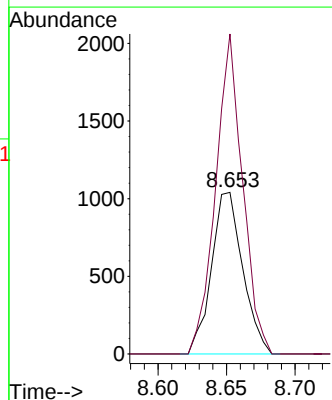
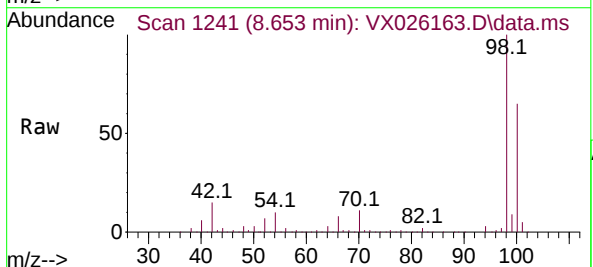
Acq: 30 Dec 2021 13:17

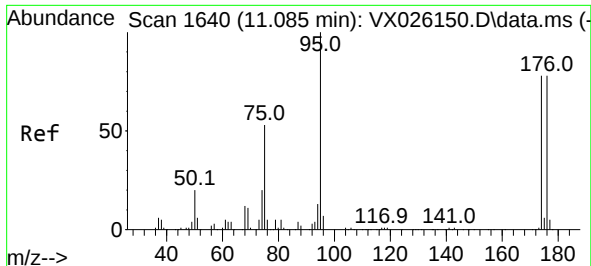
Tgt Ion: 43 Resp: 1650

Ion Ratio Lower Upper

43 100

58 171.2 30.8 46.2#

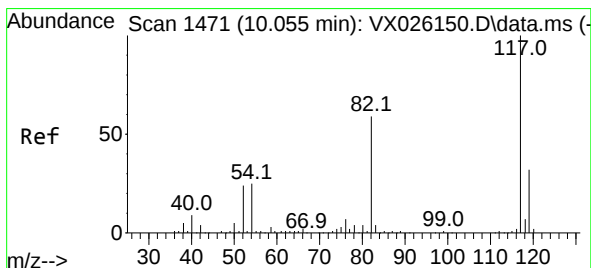
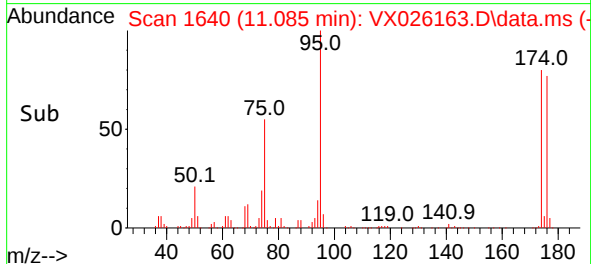
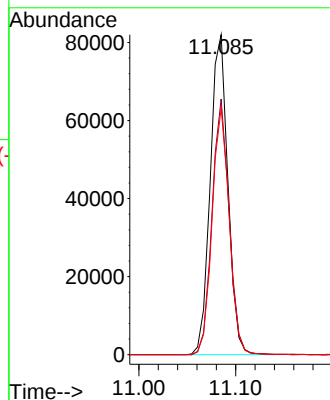
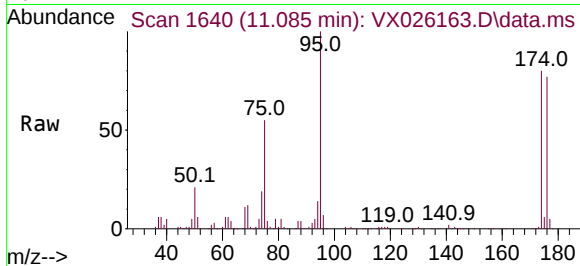




#62  
4-Bromofluorobenzene  
Concen: 47.135 ug/l  
RT: 11.085 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX026163.D  
Acq: 30 Dec 2021 13:17

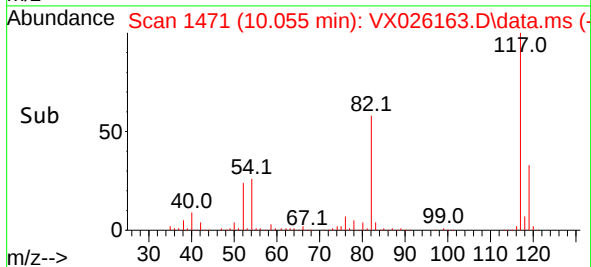
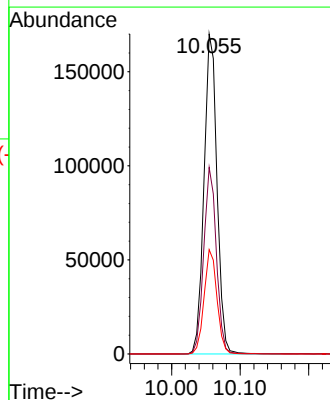
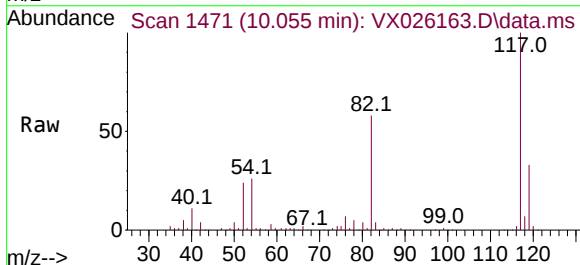
Instrument :  
MSVOA\_X  
ClientSampleId :

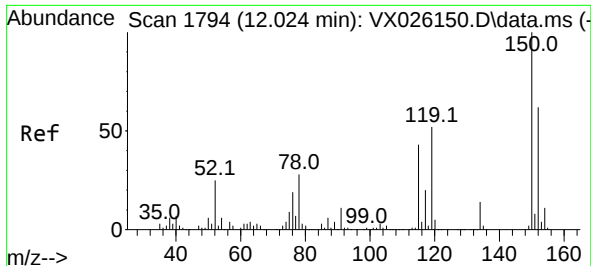
Tgt Ion: 95 Resp: 104090  
Ion Ratio Lower Upper  
95 100  
174 77.3 0.0 157.4  
176 74.6 0.0 154.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX026163.D  
Acq: 30 Dec 2021 13:17

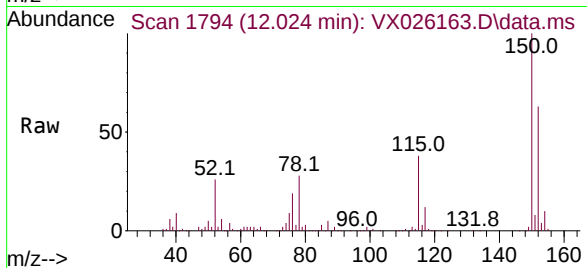
Tgt Ion: 117 Resp: 225164  
Ion Ratio Lower Upper  
117 100  
82 58.3 43.8 65.6  
119 32.6 25.2 37.8



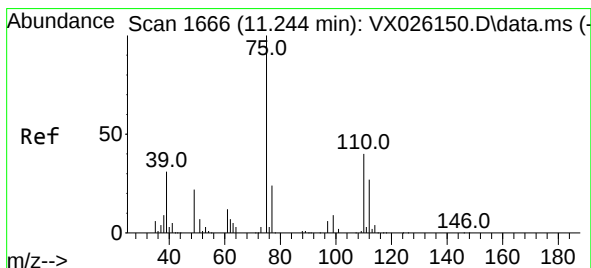
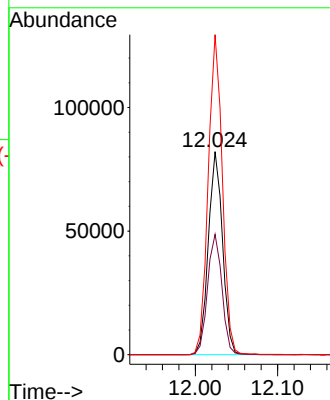
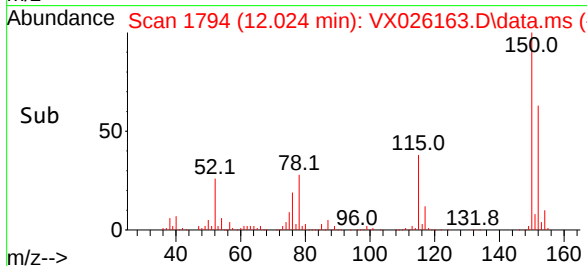


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX026163.D  
 Acq: 30 Dec 2021 13:17

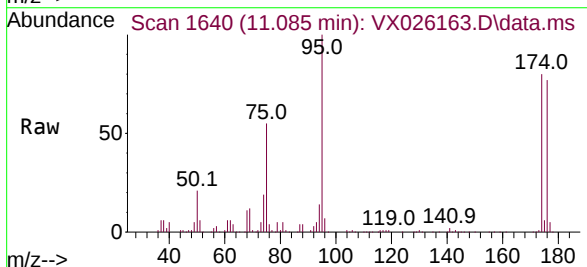
Instrument :  
 MSVOA\_X  
 ClientSampleId :



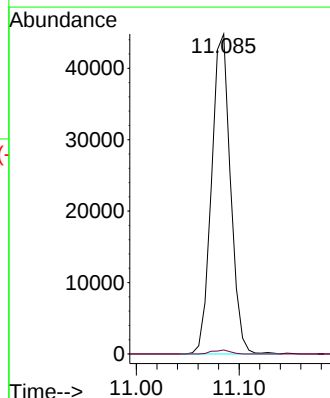
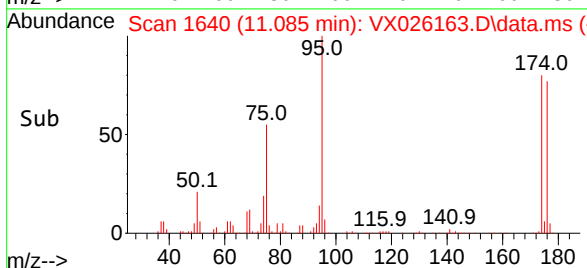
Tgt Ion:152 Resp: 98801  
 Ion Ratio Lower Upper  
 152 100  
 115 59.8 41.3 123.9  
 150 156.5 0.0 351.8

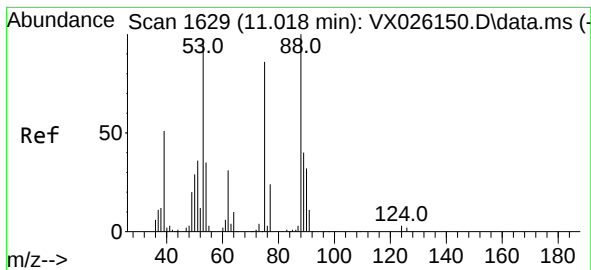


#76  
 1,2,3-Trichloropropane  
 Concen: 24.113 ug/l  
 RT: 11.085 min Scan# 1640  
 Delta R.T. -0.159 min  
 Lab File: VX026163.D  
 Acq: 30 Dec 2021 13:17



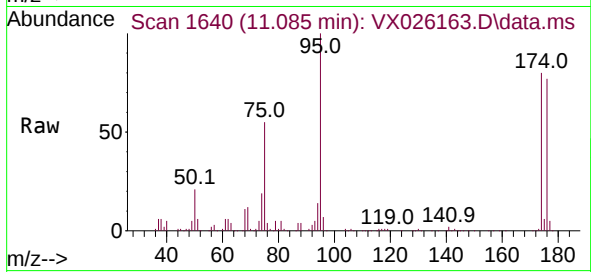
Tgt Ion: 75 Resp: 57506  
 Ion Ratio Lower Upper  
 75 100  
 77 1.2 19.0 57.0#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 69.760 ug/l  
 RT: 11.085 min Scan# 1  
 Delta R.T. 0.067 min  
 Lab File: VX026163.D  
 Acq: 30 Dec 2021 13:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :



Tgt Ion: 75 Resp: 57506  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 79.5 119.3#  
 89 0.1 38.3 57.5#

