

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031325\  
 Data File : VX045263.D  
 Acq On : 13 Mar 2025 12:50  
 Operator : JC/MD  
 Sample : Q1526-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Mar 14 12:27:51 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 28 06:45:16 2025  
 Response via : Initial Calibration

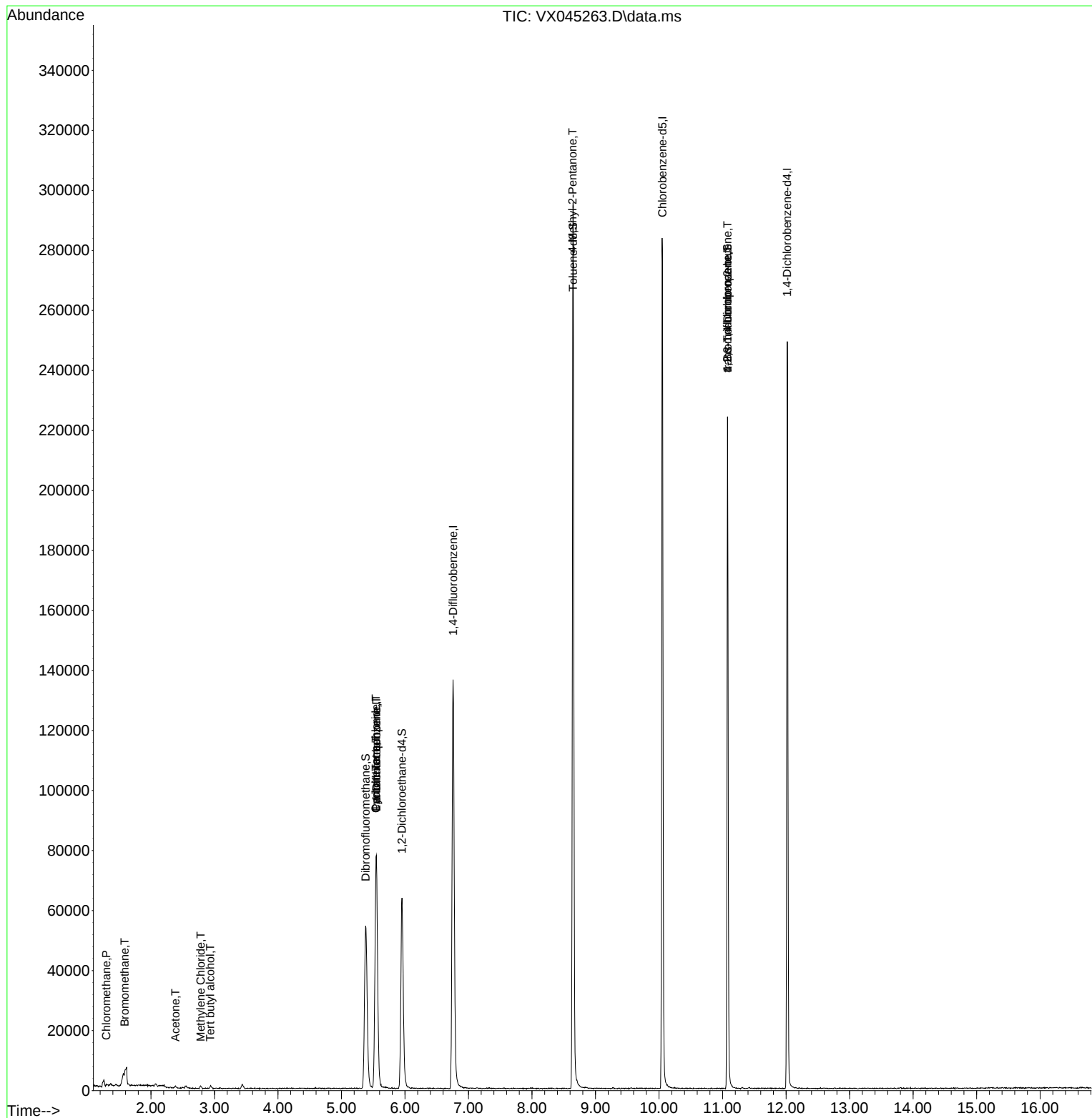
| Compound                      | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|------------|----------|
| -----                         |        |       |          |          |            |          |
| Internal Standards            |        |       |          |          |            |          |
| 1) Pentafluorobenzene         | 5.550  | 168   | 70415    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.757  | 114   | 135839   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 124026   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.018 | 152   | 48467    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4     | 5.952  | 65    | 60076    | 53.637   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery | = 107.280% |          |
| 35) Dibromofluoromethane      | 5.379  | 113   | 47758    | 52.578   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | = 105.160% |          |
| 50) Toluene-d8                | 8.647  | 98    | 170597   | 51.806   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery | = 103.620% |          |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 57062    | 52.293   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 77 - 121 | Recovery | = 104.580% |          |
| Target Compounds              |        |       |          |          |            |          |
|                               |        |       |          |          | Qvalue     |          |
| 3) Chloromethane              | 1.294  | 50    | 567      | 0.523    | ug/l #     | 85       |
| 5) Bromomethane               | 1.587  | 94    | 104      | 0.246    | ug/l #     | 3        |
| 11) Tert butyl alcohol        | 2.934  | 59    | 367      | 1.730    | ug/l #     | 73       |
| 16) Acetone                   | 2.386  | 43    | 781      | 1.503    | ug/l #     | 82       |
| 20) Methylene Chloride        | 2.782  | 84    | 400      | 0.389    | ug/l #     | 86       |
| 31) Cyclohexane               | 5.543  | 56    | 1899     | 1.246    | ug/l #     | 42       |
| 36) 1,1-Dichloropropene       | 5.550  | 75    | 6529     | 5.241    | ug/l #     | 52       |
| 38) Carbon Tetrachloride      | 5.543  | 117   | 7399     | 5.851    | ug/l #     | 15       |
| 51) 4-Methyl-2-Pentanone      | 8.641  | 43    | 1025     | 0.643    | ug/l #     | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 30774    | 27.280   | ug/l #     | 36       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 30774    | 93.358   | ug/l #     | 6        |
| -----                         |        |       |          |          |            |          |

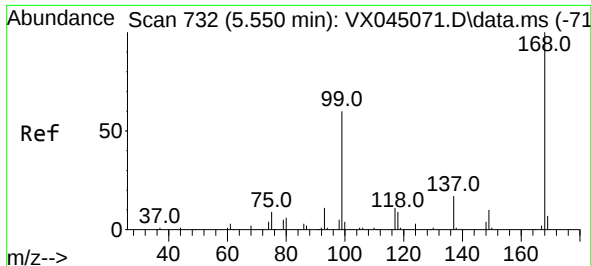
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031325\  
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Sample : Q1526-01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Mar 14 12:27:51 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 28 06:45:16 2025  
Response via : Initial Calibration

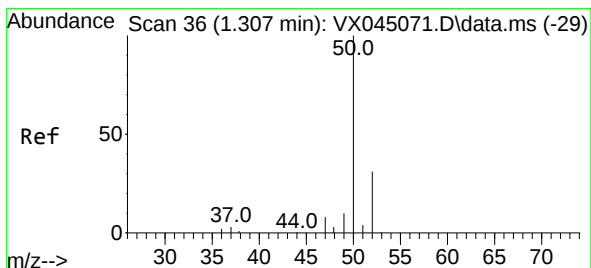
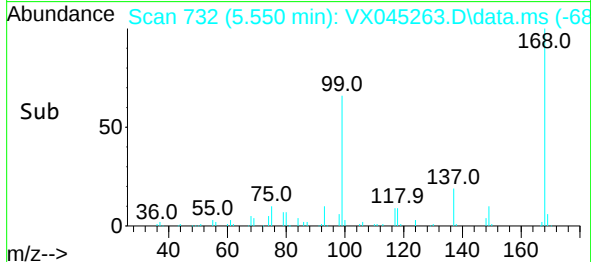
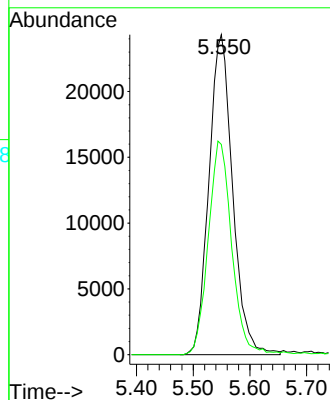
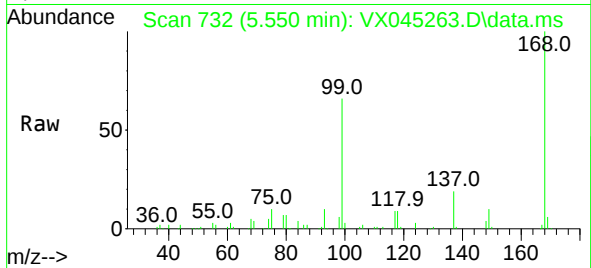




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX045263.D  
Acq: 13 Mar 2025 12:50

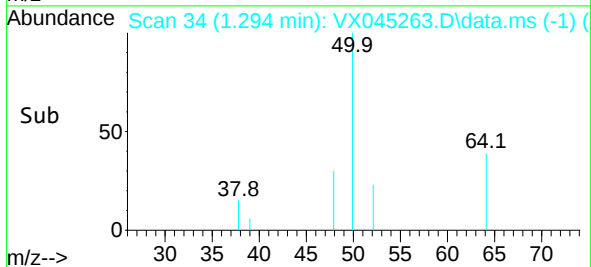
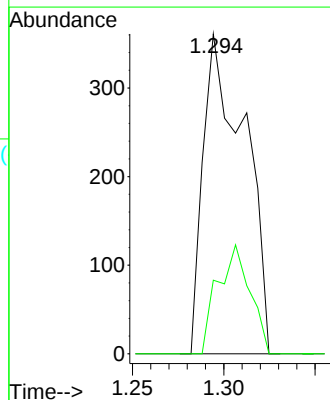
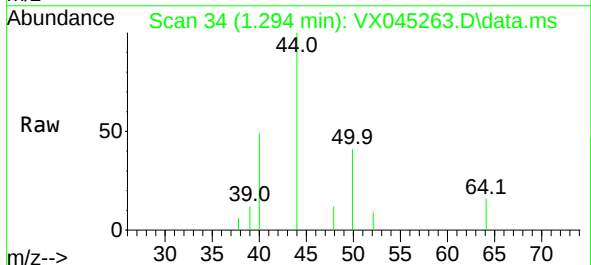
Instrument :  
MSVOA\_X  
ClientSampleId :

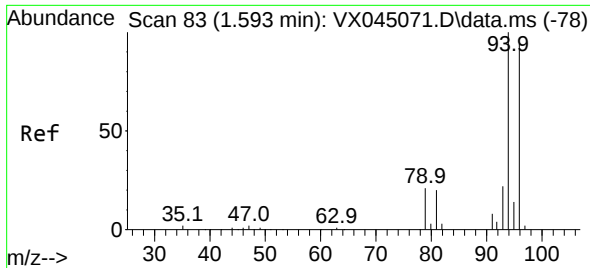
Tgt Ion:168 Resp: 70415  
Ion Ratio Lower Upper  
168 100  
99 65.7 48.2 72.4



#3  
Chloromethane  
Concen: 0.523 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.012 min  
Lab File: VX045263.D  
Acq: 13 Mar 2025 12:50

Tgt Ion: 50 Resp: 567  
Ion Ratio Lower Upper  
50 100  
52 23.0 25.0 37.4#

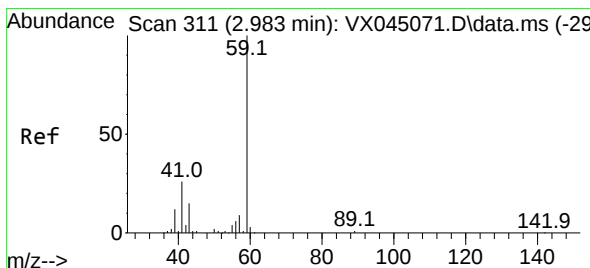
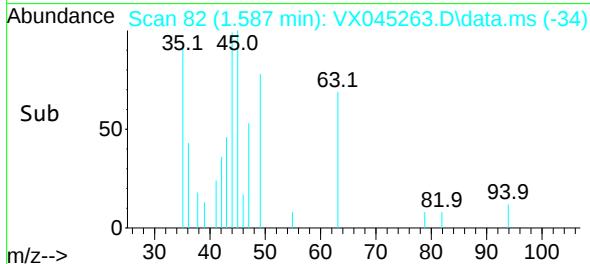
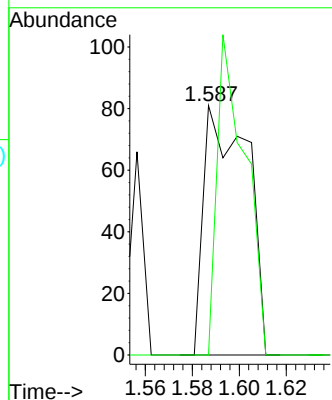
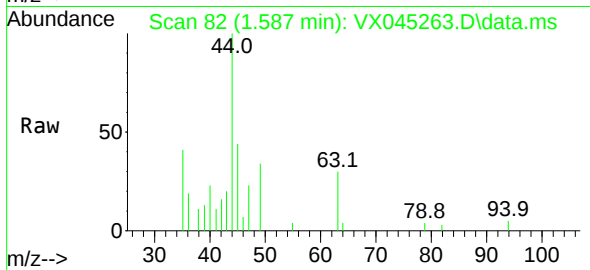




#5  
Bromomethane  
Concen: 0.246 ug/l  
RT: 1.587 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: VX045263.D  
Acq: 13 Mar 2025 12:50

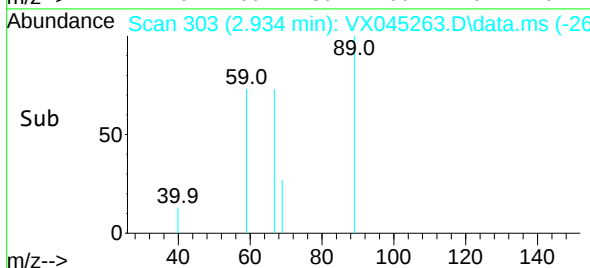
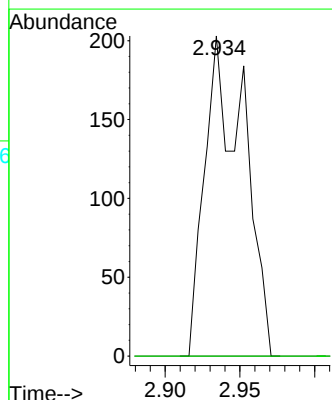
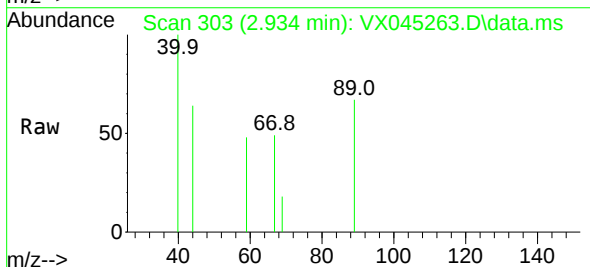
Instrument :  
MSVOA\_X  
ClientSampleId :

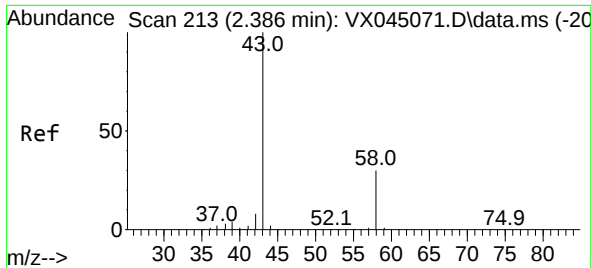
Tgt Ion: 94 Resp: 104  
Ion Ratio Lower Upper  
94 100  
96 0.0 75.0 112.4#



#11  
Tert butyl alcohol  
Concen: 1.730 ug/l  
RT: 2.934 min Scan# 303  
Delta R.T. -0.049 min  
Lab File: VX045263.D  
Acq: 13 Mar 2025 12:50

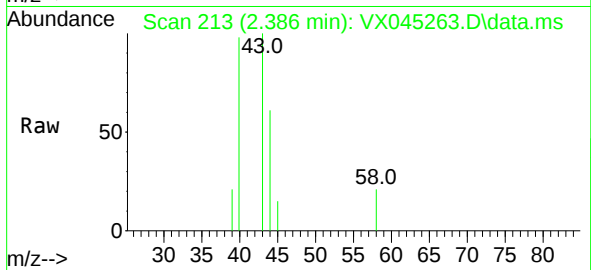
Tgt Ion: 59 Resp: 367  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.8 11.8#



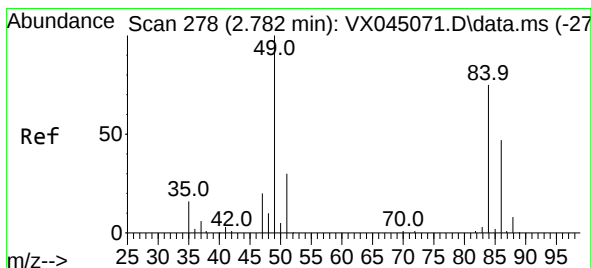
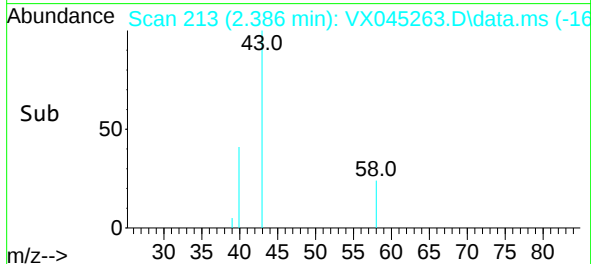
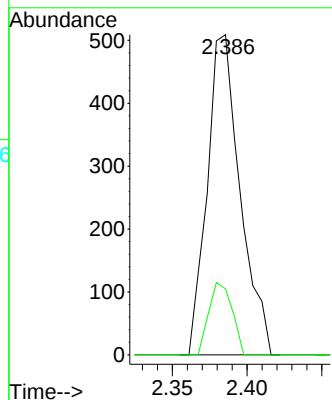


#16  
Acetone  
Concen: 1.503 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX045263.D  
Acq: 13 Mar 2025 12:50

Instrument :  
MSVOA\_X  
ClientSampleId :

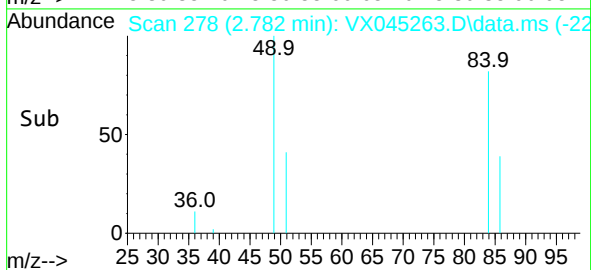
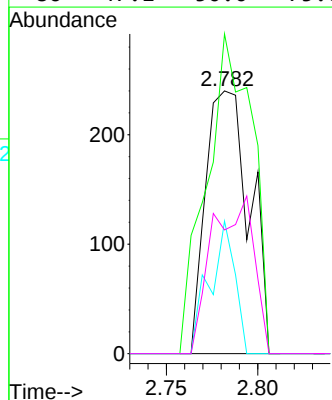
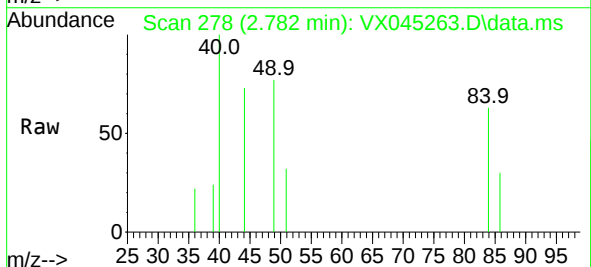


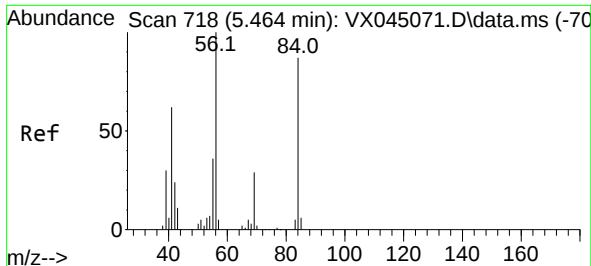
Tgt Ion: 43 Resp: 781  
Ion Ratio Lower Upper  
43 100  
58 20.6 24.2 36.4#



#20  
Methylene Chloride  
Concen: 0.389 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.000 min  
Lab File: VX045263.D  
Acq: 13 Mar 2025 12:50

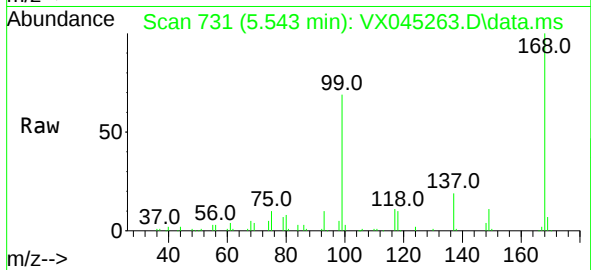
Tgt Ion: 84 Resp: 400  
Ion Ratio Lower Upper  
84 100  
49 121.7 106.5 159.7  
51 50.4 32.1 48.1#  
86 47.1 50.0 75.0#



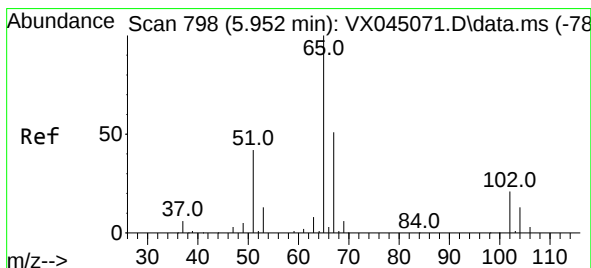
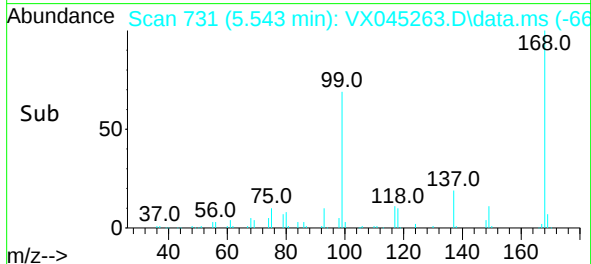
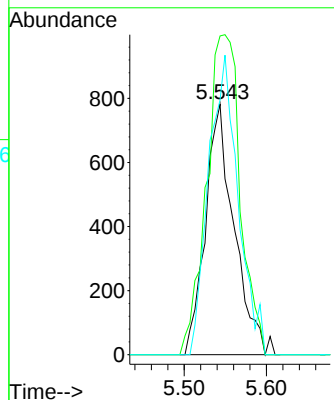


#31  
Cyclohexane  
Concen: 1.246 ug/l  
RT: 5.543 min Scan# 718  
Delta R.T. 0.079 min  
Lab File: VX045263.D  
Acq: 13 Mar 2025 12:50

Instrument :  
MSVOA\_X  
ClientSampleId :

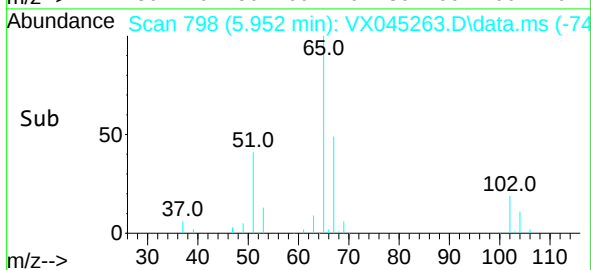
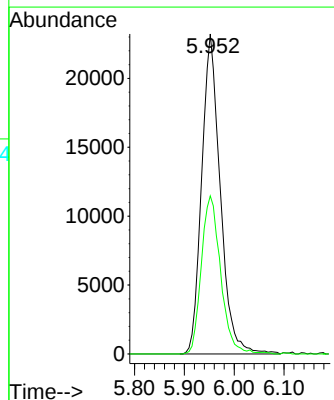
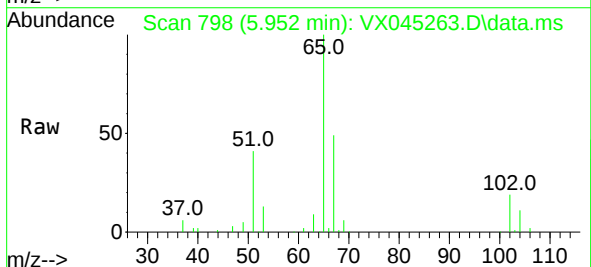


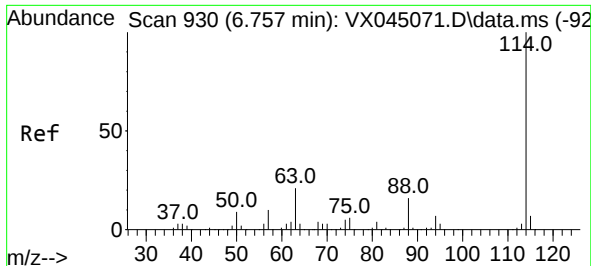
Tgt Ion: 56 Resp: 1899  
Ion Ratio Lower Upper  
56 100  
69 127.2 23.4 35.2#  
84 101.7 69.4 104.2



#33  
1,2-Dichloroethane-d4  
Concen: 53.637 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX045263.D  
Acq: 13 Mar 2025 12:50

Tgt Ion: 65 Resp: 60076  
Ion Ratio Lower Upper  
65 100  
67 51.1 0.0 106.2

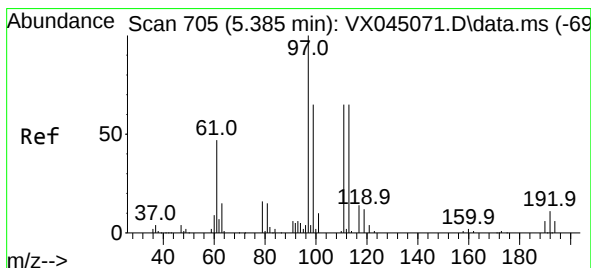
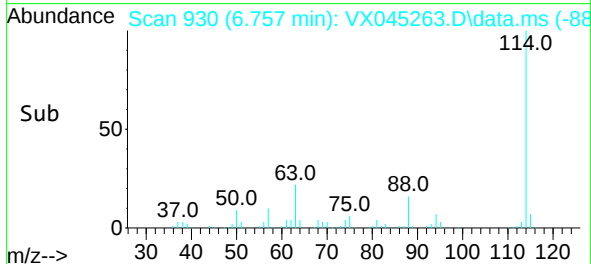
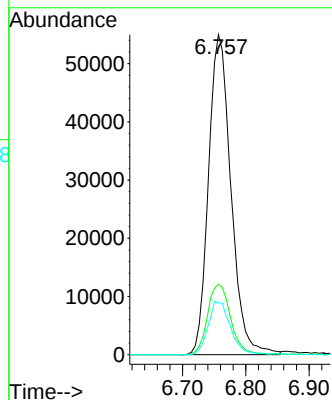
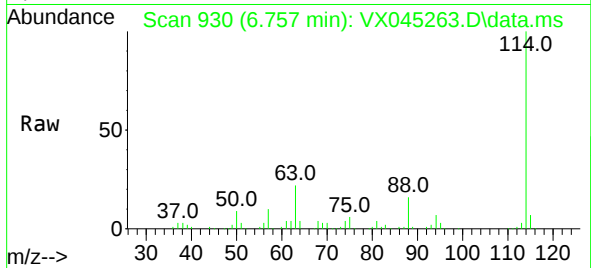




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX045263.D  
Acq: 13 Mar 2025 12:50

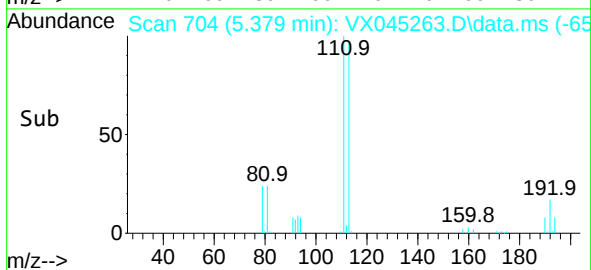
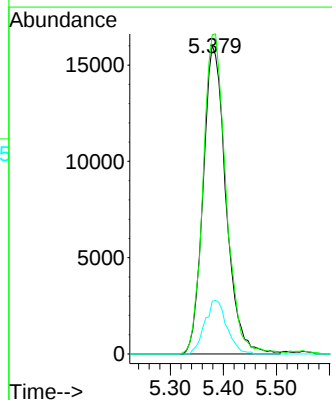
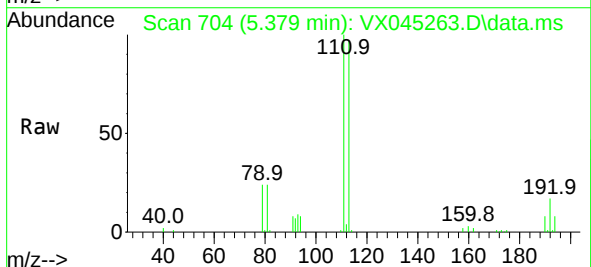
Instrument :  
MSVOA\_X  
ClientSampleId :

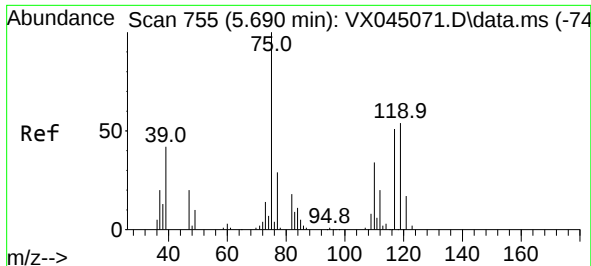
Tgt Ion:114 Resp: 135839  
Ion Ratio Lower Upper  
114 100  
63 22.0 0.0 41.8  
88 16.2 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 52.578 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX045263.D  
Acq: 13 Mar 2025 12:50

Tgt Ion:113 Resp: 47758  
Ion Ratio Lower Upper  
113 100  
111 104.5 81.8 122.6  
192 16.9 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.241 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045263.D

Acq: 13 Mar 2025 12:50

Instrument :

MSVOA\_X

ClientSampleId :

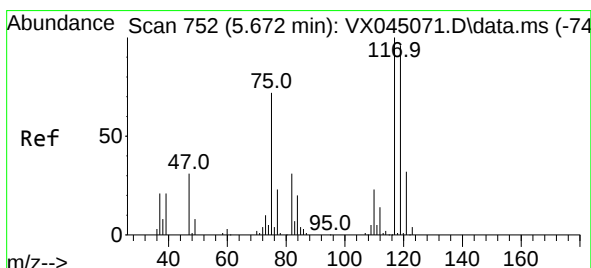
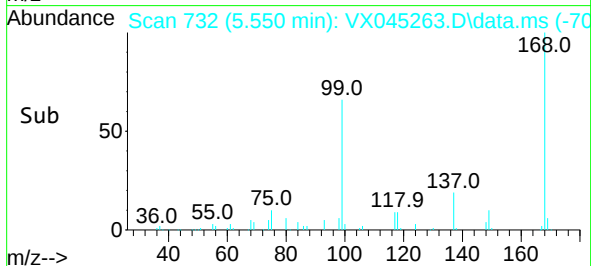
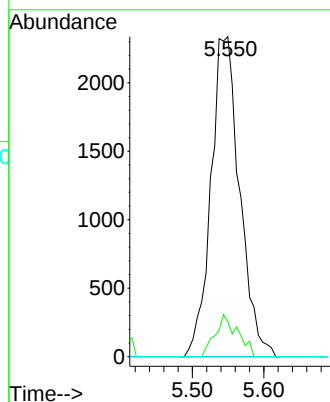
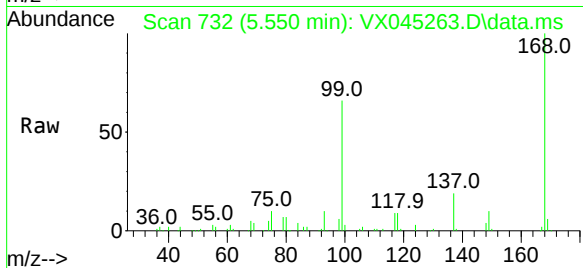
Tgt Ion: 75 Resp: 6529

Ion Ratio Lower Upper

75 100

110 10.3 16.9 50.6#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.851 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045263.D

Acq: 13 Mar 2025 12:50

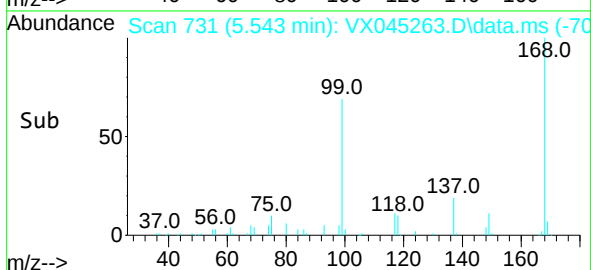
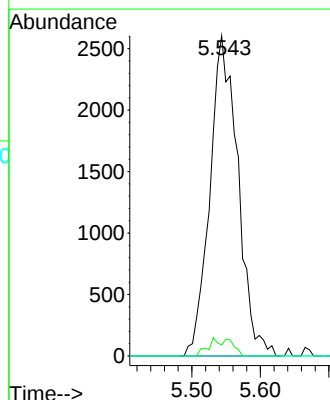
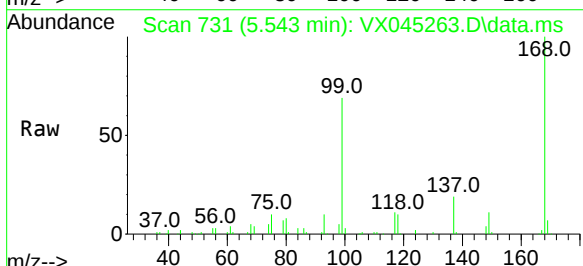
Tgt Ion: 117 Resp: 7399

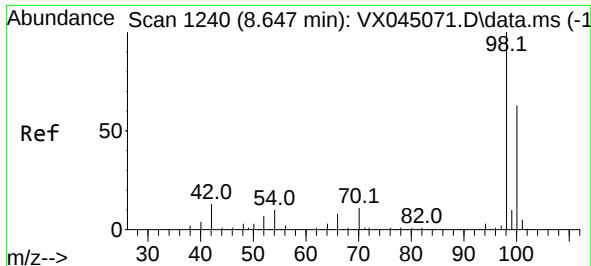
Ion Ratio Lower Upper

117 100

119 3.4 76.7 115.1#

121 0.0 25.5 38.3#

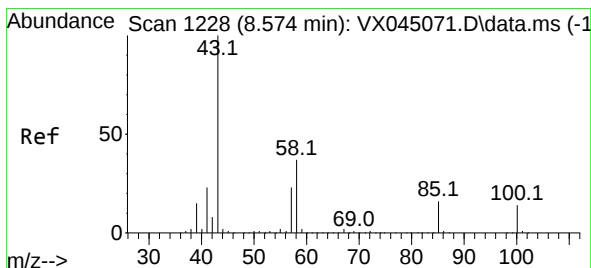
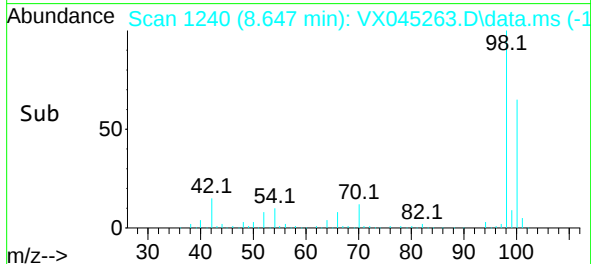
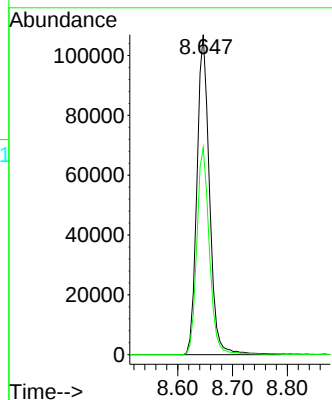
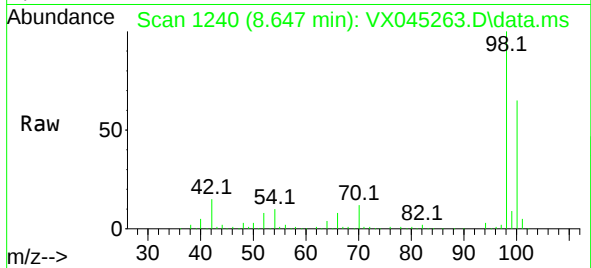




#50  
Toluene-d8  
Concen: 51.806 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX045263.D  
Acq: 13 Mar 2025 12:50

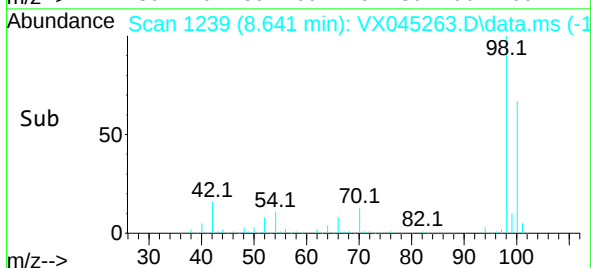
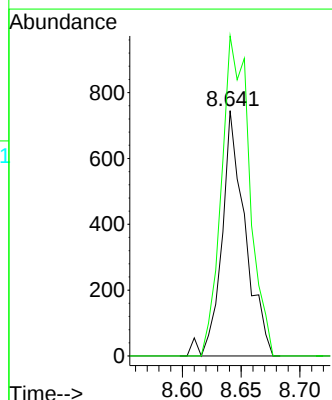
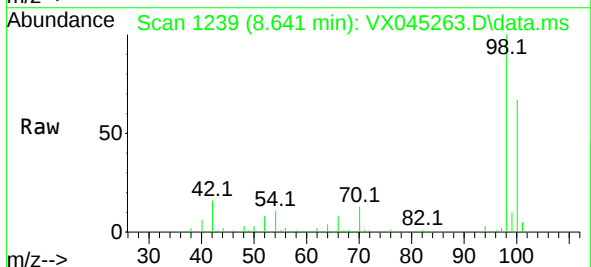
Instrument :  
MSVOA\_X  
ClientSampleId :

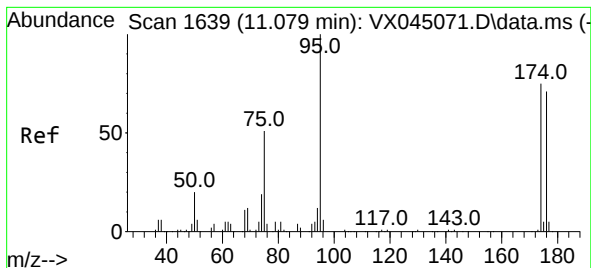
Tgt Ion: 98 Resp: 170597  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.0 78.0



#51  
4-Methyl-2-Pentanone  
Concen: 0.643 ug/l  
RT: 8.641 min Scan# 1239  
Delta R.T. 0.067 min  
Lab File: VX045263.D  
Acq: 13 Mar 2025 12:50

Tgt Ion: 43 Resp: 1025  
Ion Ratio Lower Upper  
43 100  
58 157.2 29.2 43.8#

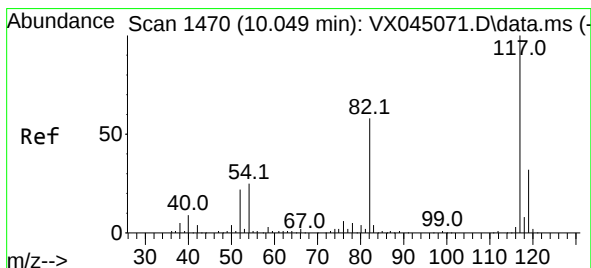
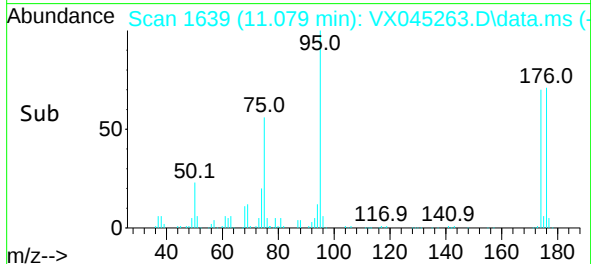
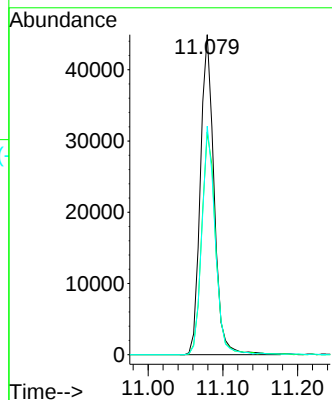
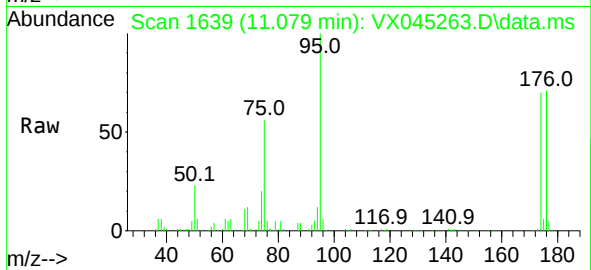




#62  
4-Bromofluorobenzene  
Concen: 52.293 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX045263.D  
Acq: 13 Mar 2025 12:50

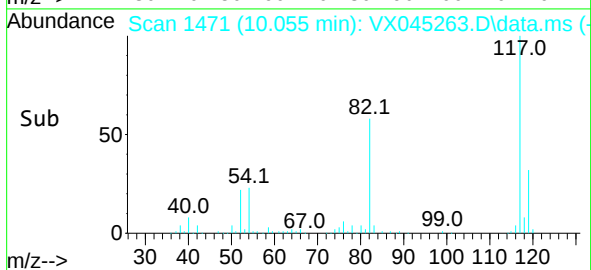
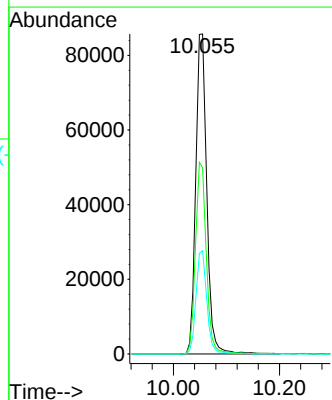
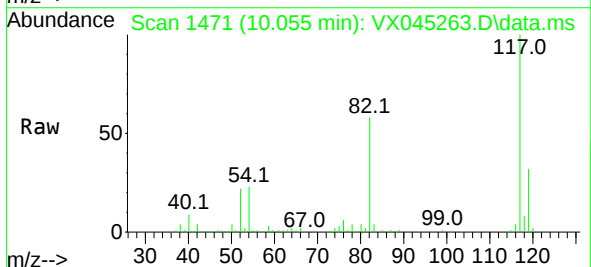
Instrument :  
MSVOA\_X  
ClientSampleId :

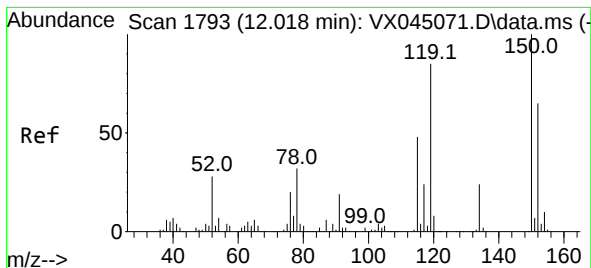
Tgt Ion: 95 Resp: 57062  
Ion Ratio Lower Upper  
95 100  
174 70.8 0.0 148.2  
176 70.0 0.0 141.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.006 min  
Lab File: VX045263.D  
Acq: 13 Mar 2025 12:50

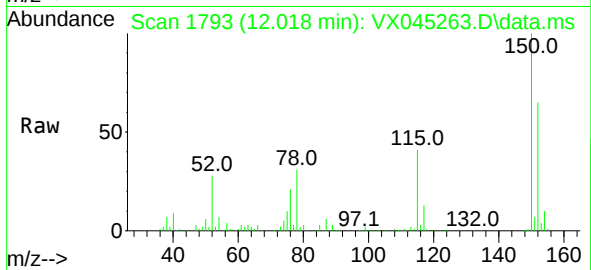
Tgt Ion: 117 Resp: 124026  
Ion Ratio Lower Upper  
117 100  
82 58.2 46.3 69.5  
119 32.2 25.7 38.5



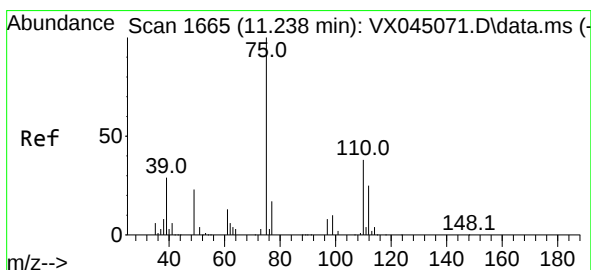
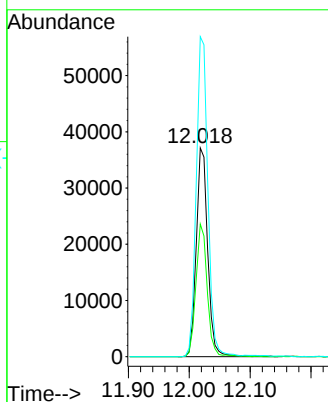
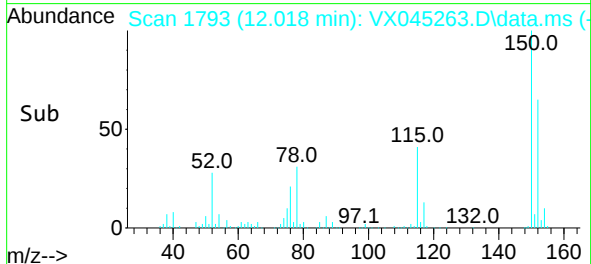


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX045263.D  
Acq: 13 Mar 2025 12:50

Instrument :  
MSVOA\_X  
ClientSampleId :

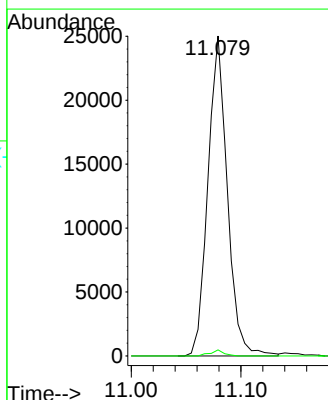
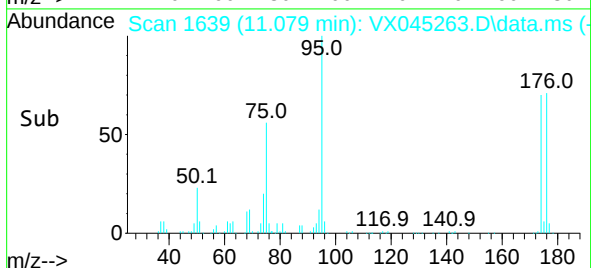
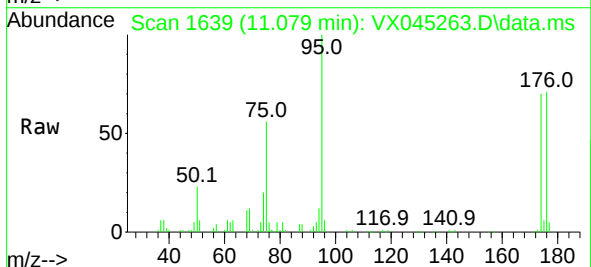


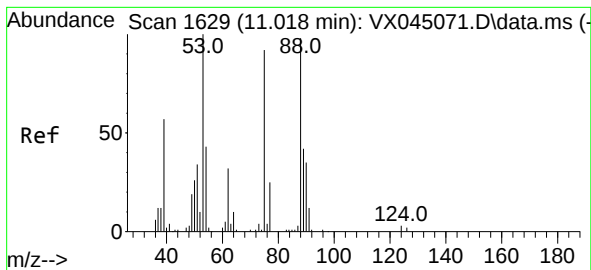
Tgt Ion:152 Resp: 48467  
Ion Ratio Lower Upper  
152 100  
115 62.7 44.2 132.6  
150 155.2 0.0 349.0



#76  
1,2,3-Trichloropropane  
Concen: 27.280 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.159 min  
Lab File: VX045263.D  
Acq: 13 Mar 2025 12:50

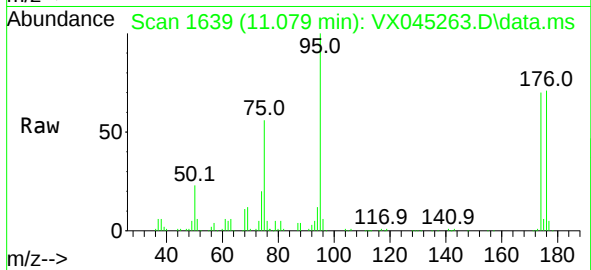
Tgt Ion: 75 Resp: 30774  
Ion Ratio Lower Upper  
75 100  
77 1.3 20.7 62.1#





#81  
trans-1,4-Dichloro-2-butene  
Concen: 93.358 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.061 min  
Lab File: VX045263.D  
Acq: 13 Mar 2025 12:50

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion: 75 Resp: 30774  
Ion Ratio Lower Upper  
75 100  
53 0.0 88.5 132.7#  
89 0.1 36.2 54.4#

