

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072325\  
 Data File : VX047095.D  
 Acq On : 23 Jul 2025 16:34  
 Operator : JC/MD  
 Sample : Q2481-20 500X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CC0627-BL

Quant Time: Jul 24 05:54:03 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072125W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 22 03:59:51 2025  
 Response via : Initial Calibration

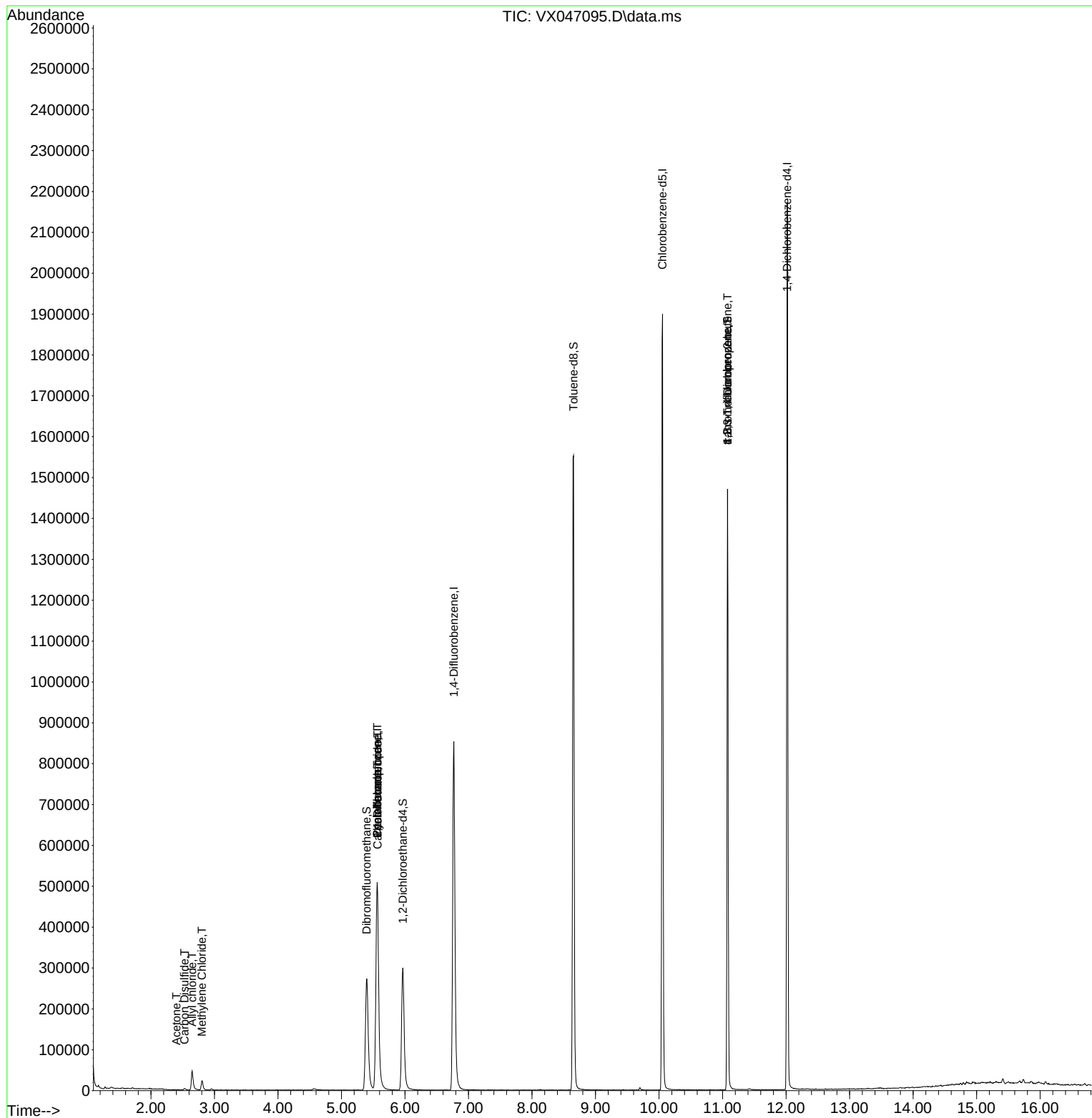
| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                         |        |       |          |           |        |          |
| Internal Standards            |        |       |          |           |        |          |
| 1) Pentafluorobenzene         | 5.562  | 168   | 507961   | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.769  | 114   | 908185   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 859773   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.018 | 152   | 430198   | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.964  | 65    | 316077   | 49.952    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery  | =      | 99.900%  |
| 35) Dibromofluoromethane      | 5.397  | 113   | 261876   | 46.702    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =      | 93.400%  |
| 50) Toluene-d8                | 8.653  | 98    | 946526   | 52.123    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery  | =      | 104.240% |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 392919   | 50.208    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | =      | 100.420% |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 11) Tert butyl alcohol        | 2.953  | 59    | 216      | Below Cal | #      | 72       |
| 14) Allyl chloride            | 2.648  | 41    | 53201    | 4.610     | ug/l # | 42       |
| 16) Acetone                   | 2.398  | 43    | 812      | 0.320     | ug/l   | 92       |
| 17) Carbon Disulfide          | 2.526  | 76    | 4457     | 0.241     | ug/l # | 92       |
| 20) Methylene Chloride        | 2.800  | 84    | 11270    | 1.616     | ug/l   | 95       |
| 31) Cyclohexane               | 5.562  | 56    | 11160    | 0.943     | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 5.562  | 75    | 43119    | 4.511     | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 5.568  | 117   | 52873    | 5.183     | ug/l # | 16       |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 206974   | 25.993    | ug/l # | 36       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 206974   | 66.968    | ug/l # | 8        |
| -----                         |        |       |          |           |        |          |

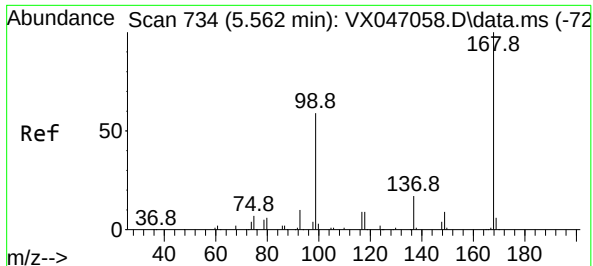
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_X  
ClientSampleId :  
CC0627-BL

Quant Time: Jul 24 05:54:03 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072125W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 22 03:59:51 2025  
Response via : Initial Calibration

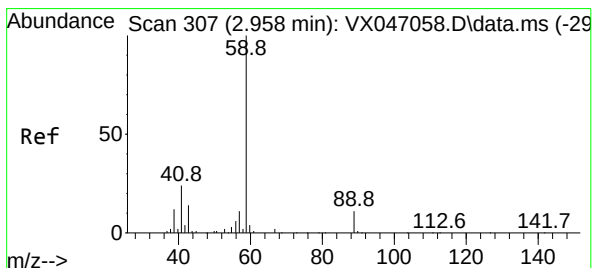
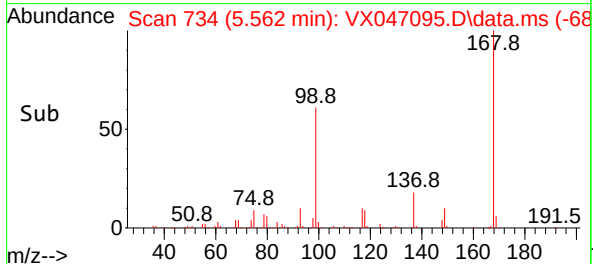
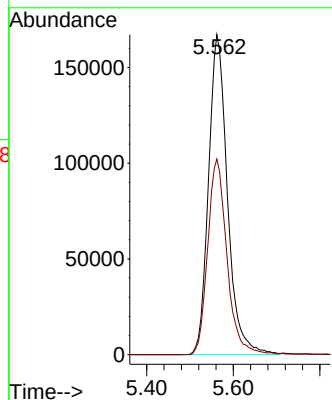
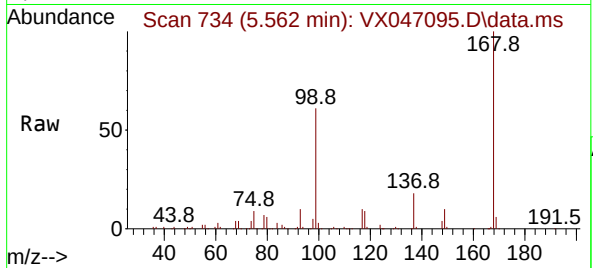




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX047095.D  
Acq: 23 Jul 2025 16:34

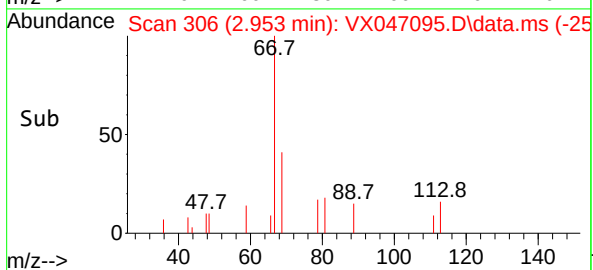
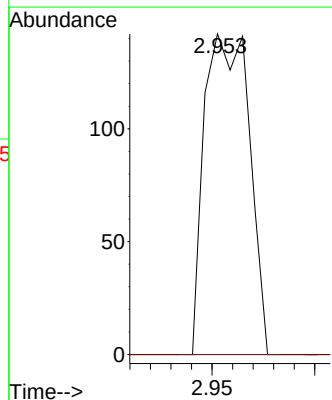
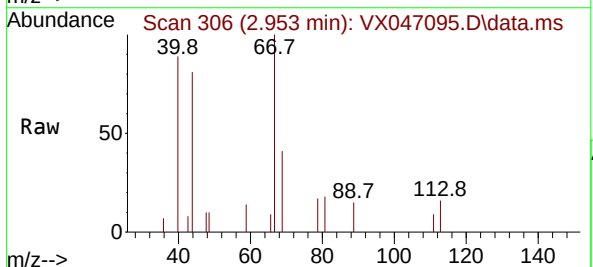
Instrument :  
MSVOA\_X  
ClientSampleId :  
CC0627-BL

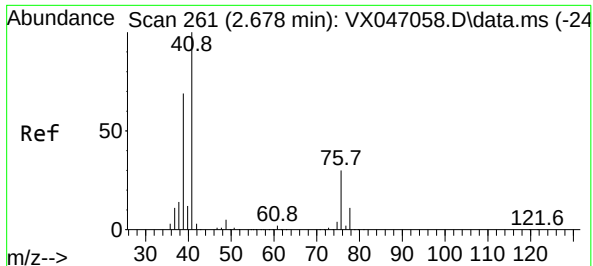
Tgt Ion:168 Resp: 507961  
Ion Ratio Lower Upper  
168 100  
99 61.2 48.0 72.0



#11  
Tert butyl alcohol  
Concen: Below Cal  
RT: 2.953 min Scan# 306  
Delta R.T. -0.005 min  
Lab File: VX047095.D  
Acq: 23 Jul 2025 16:34

Tgt Ion: 59 Resp: 216  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.5 12.7#





#14

Allyl chloride

Concen: 4.610 ug/l

RT: 2.648 min Scan# 21

Delta R.T. -0.030 min

Lab File: VX047095.D

Acq: 23 Jul 2025 16:34

Instrument :

MSVOA\_X

ClientSampleId :

CC0627-BL

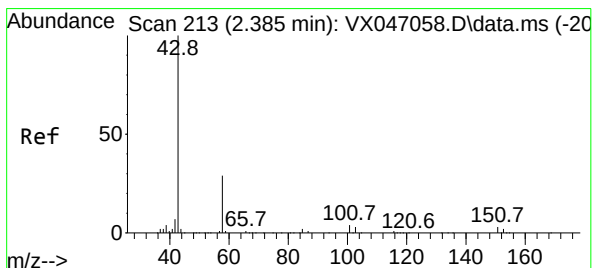
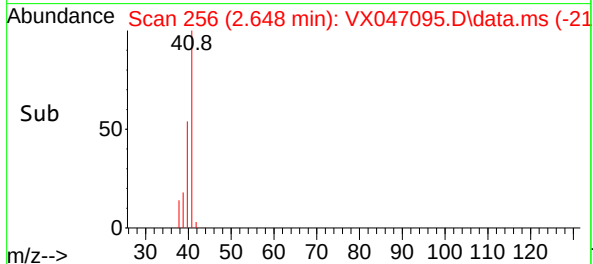
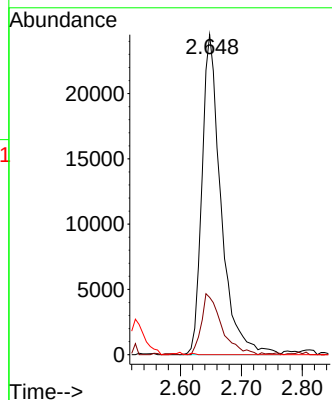
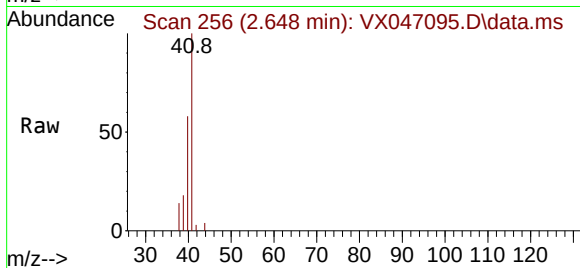
Tgt Ion: 41 Resp: 53201

Ion Ratio Lower Upper

41 100

39 20.1 52.6 78.8#

76 0.0 25.7 38.5#



#16

Acetone

Concen: 0.320 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.013 min

Lab File: VX047095.D

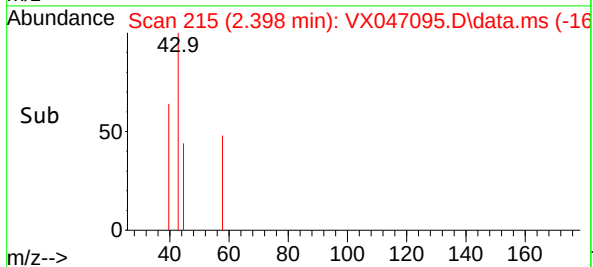
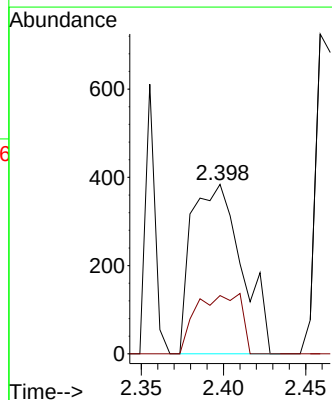
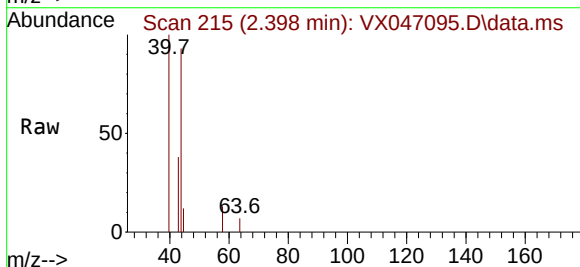
Acq: 23 Jul 2025 16:34

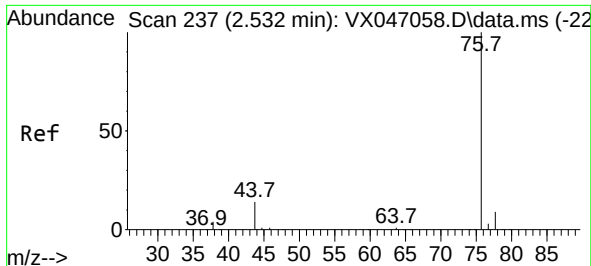
Tgt Ion: 43 Resp: 812

Ion Ratio Lower Upper

43 100

58 34.4 24.0 36.0

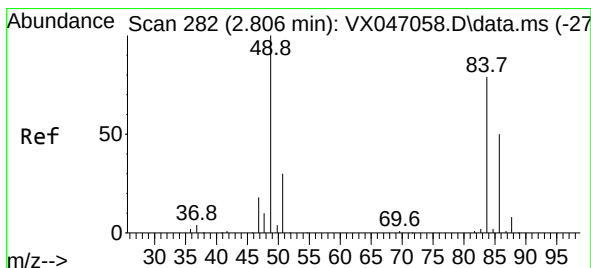
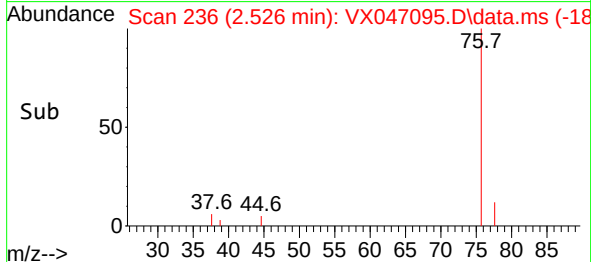
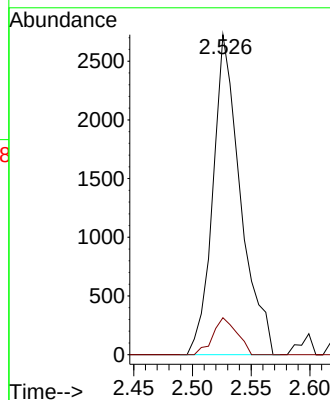
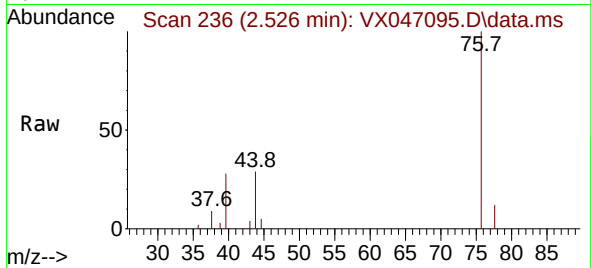




#17  
Carbon Disulfide  
Concen: 0.241 ug/l  
RT: 2.526 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX047095.D  
Acq: 23 Jul 2025 16:34

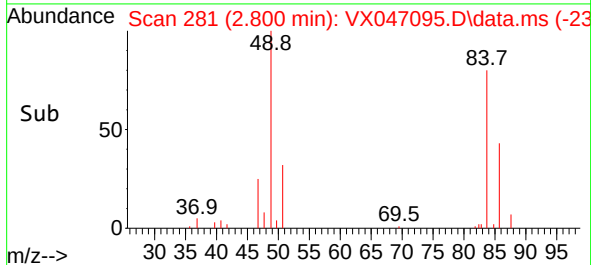
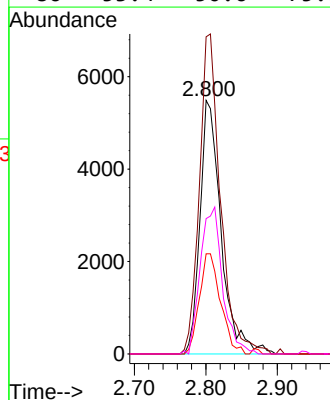
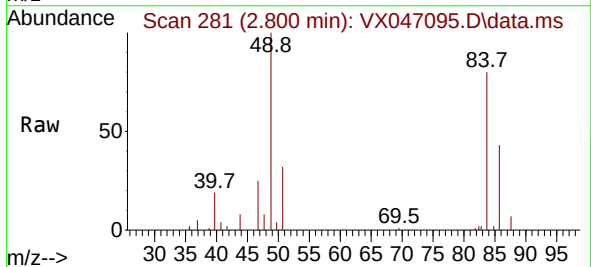
Instrument :  
MSVOA\_X  
ClientSampleId :  
CC0627-BL

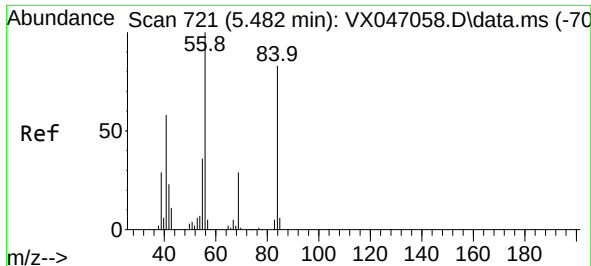
Tgt Ion: 76 Resp: 4457  
Ion Ratio Lower Upper  
76 100  
78 11.6 7.0 10.4#



#20  
Methylene Chloride  
Concen: 1.616 ug/l  
RT: 2.800 min Scan# 281  
Delta R.T. -0.006 min  
Lab File: VX047095.D  
Acq: 23 Jul 2025 16:34

Tgt Ion: 84 Resp: 11270  
Ion Ratio Lower Upper  
84 100  
49 125.1 101.6 152.4  
51 39.5 30.3 45.5  
86 53.4 50.6 75.8

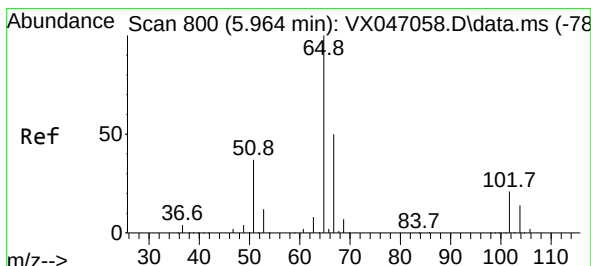
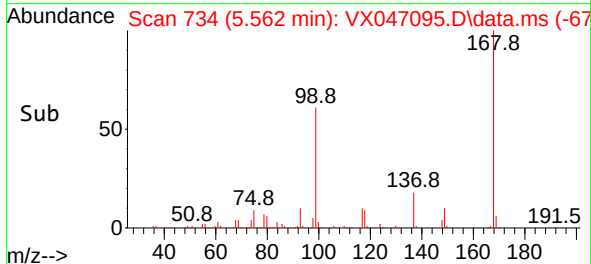
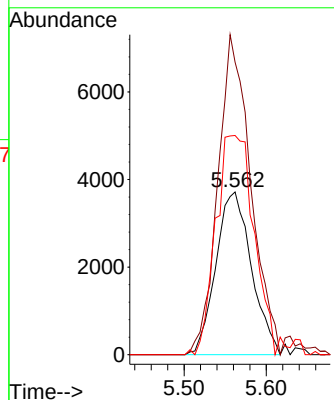
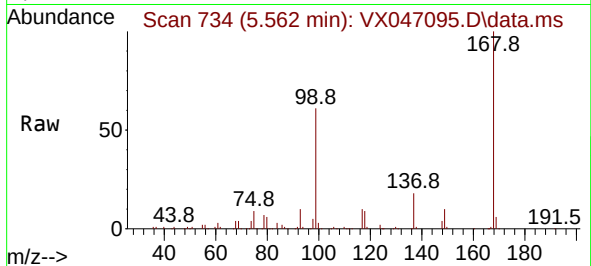




#31  
Cyclohexane  
Concen: 0.943 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.080 min  
Lab File: VX047095.D  
Acq: 23 Jul 2025 16:34

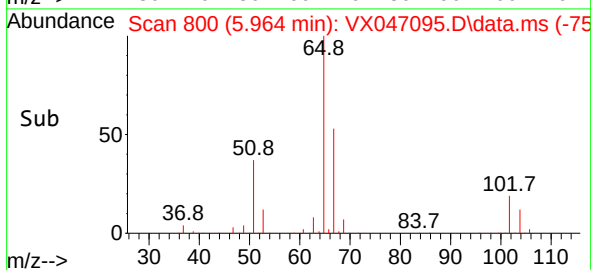
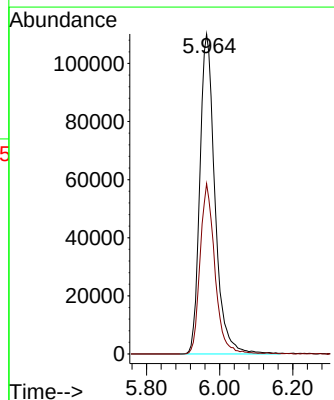
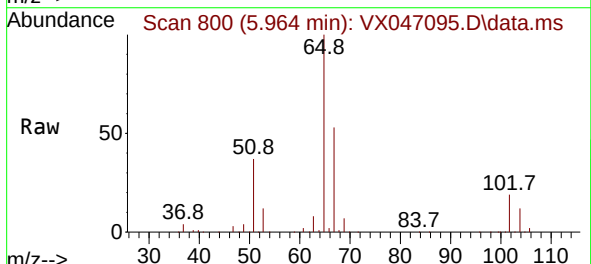
Instrument :  
MSVOA\_X  
ClientSampleId :  
CC0627-BL

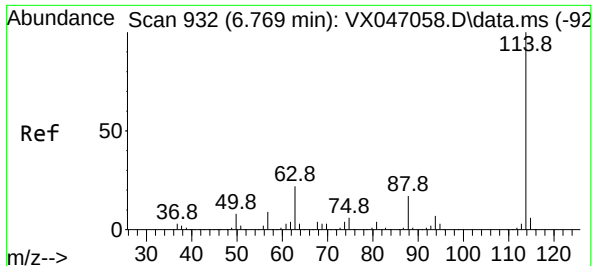
Tgt Ion: 56 Resp: 11160  
Ion Ratio Lower Upper  
56 100  
69 184.2 23.3 34.9#  
84 134.8 66.5 99.7#



#33  
1,2-Dichloroethane-d4  
Concen: 49.952 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX047095.D  
Acq: 23 Jul 2025 16:34

Tgt Ion: 65 Resp: 316077  
Ion Ratio Lower Upper  
65 100  
67 52.1 0.0 104.8

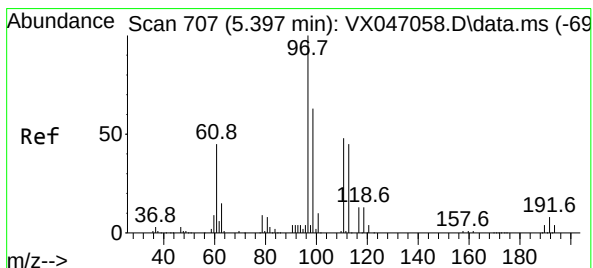
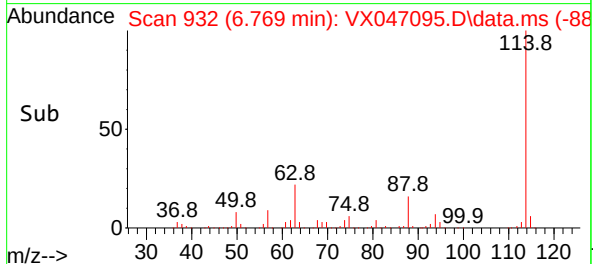
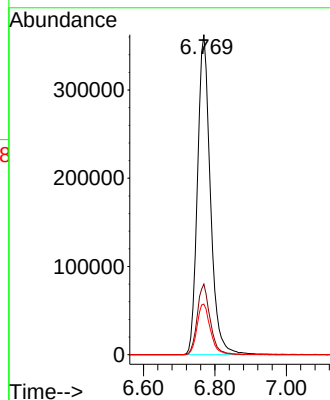
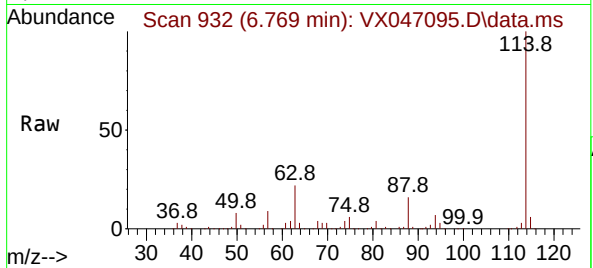




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX047095.D  
Acq: 23 Jul 2025 16:34

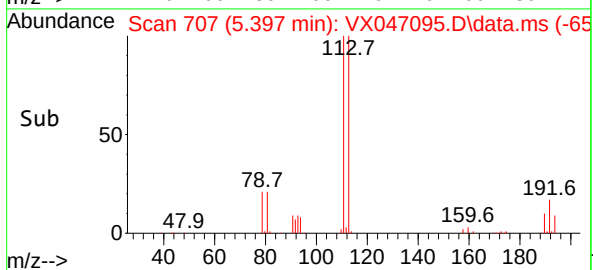
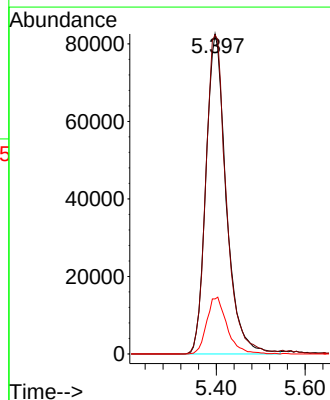
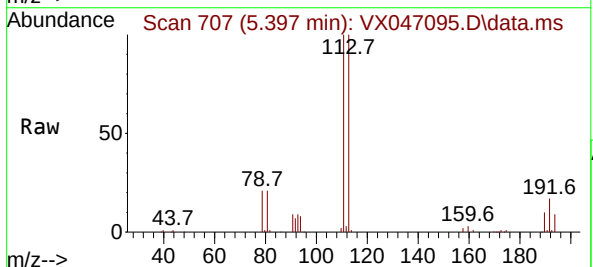
Instrument :  
MSVOA\_X  
ClientSampleId :  
CC0627-BL

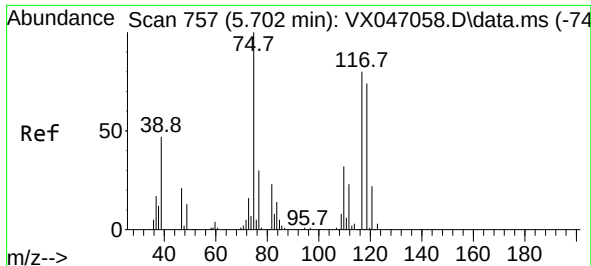
Tgt Ion:114 Resp: 908185  
Ion Ratio Lower Upper  
114 100  
63 22.0 0.0 43.2  
88 15.8 0.0 33.8



#35  
Dibromofluoromethane  
Concen: 46.702 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX047095.D  
Acq: 23 Jul 2025 16:34

Tgt Ion:113 Resp: 261876  
Ion Ratio Lower Upper  
113 100  
111 100.5 82.6 124.0  
192 17.8 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.511 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX047095.D

Acq: 23 Jul 2025 16:34

Instrument :

MSVOA\_X

ClientSampleId :

CC0627-BL

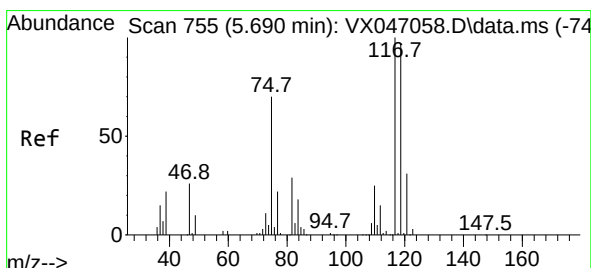
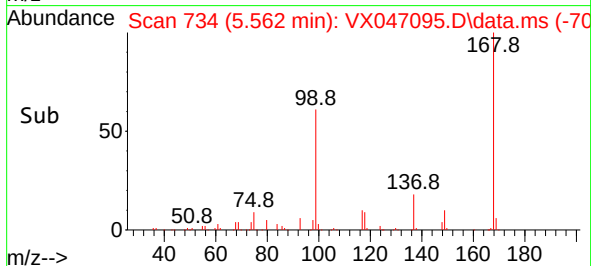
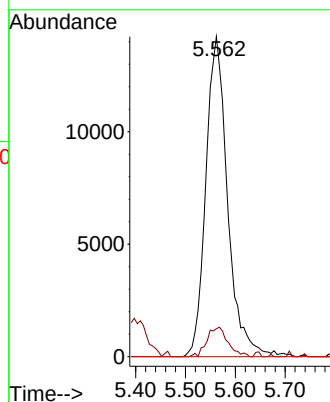
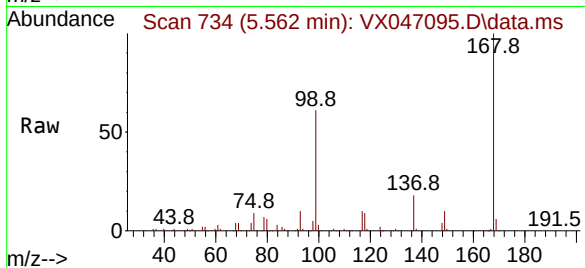
Tgt Ion: 75 Resp: 43119

Ion Ratio Lower Upper

75 100

110 8.9 17.2 51.5#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.183 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.122 min

Lab File: VX047095.D

Acq: 23 Jul 2025 16:34

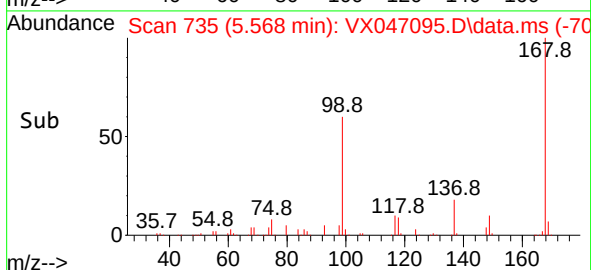
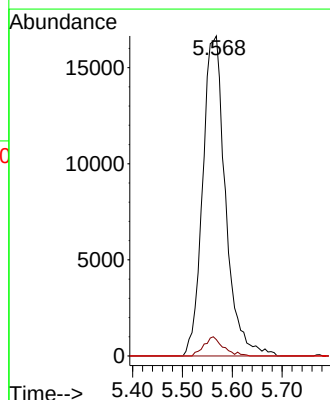
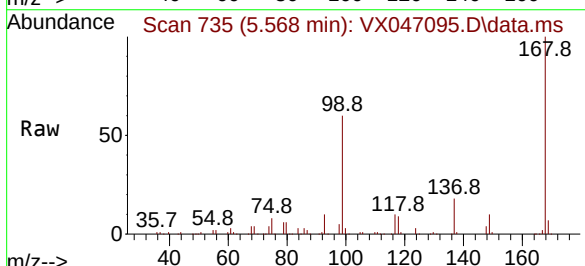
Tgt Ion: 117 Resp: 52873

Ion Ratio Lower Upper

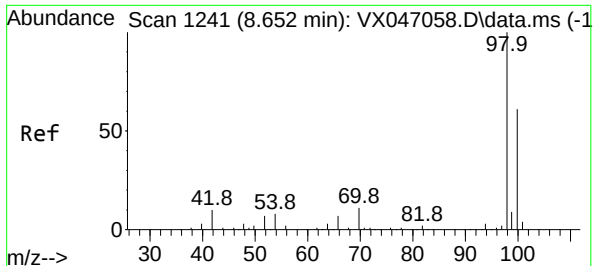
117 100

119 5.1 76.6 115.0#

121 0.0 24.4 36.6#



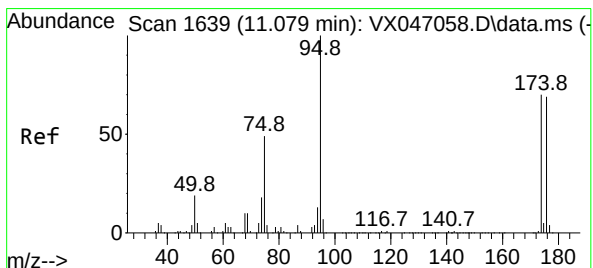
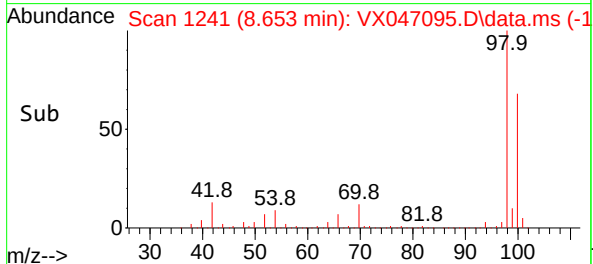
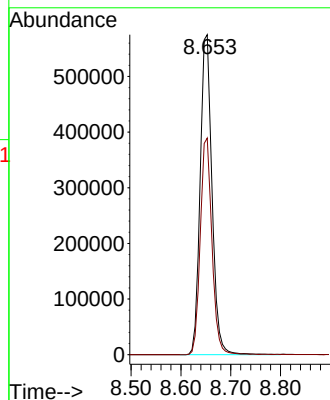
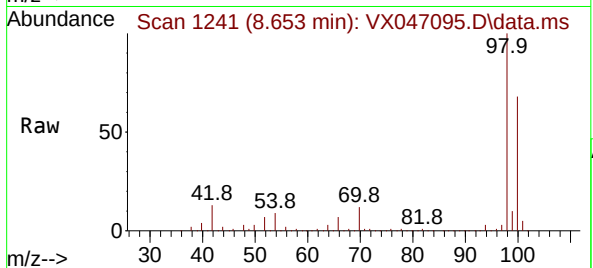




#50  
Toluene-d8  
Concen: 52.123 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX047095.D  
Acq: 23 Jul 2025 16:34

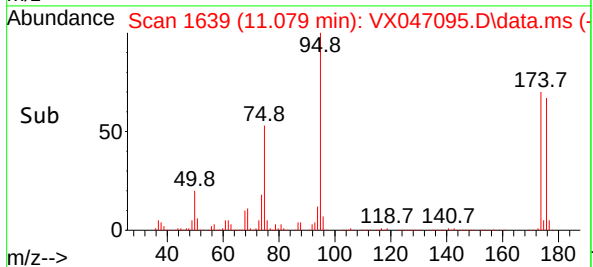
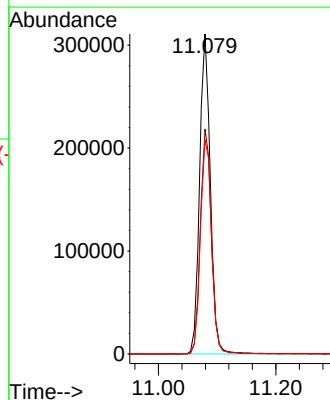
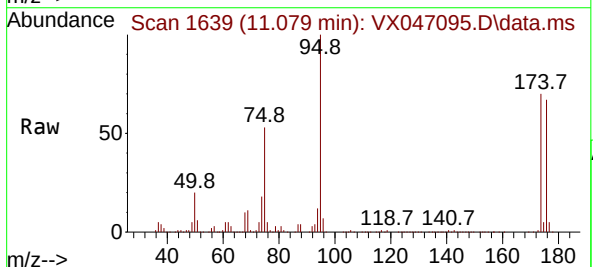
Instrument :  
MSVOA\_X  
ClientSampleId :  
CC0627-BL

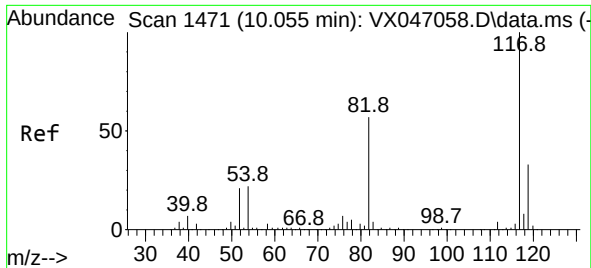
Tgt Ion: 98 Resp: 946526  
Ion Ratio Lower Upper  
98 100  
100 66.8 53.3 79.9



#62  
4-Bromofluorobenzene  
Concen: 50.208 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX047095.D  
Acq: 23 Jul 2025 16:34

Tgt Ion: 95 Resp: 392919  
Ion Ratio Lower Upper  
95 100  
174 72.2 0.0 144.6  
176 69.5 0.0 139.6

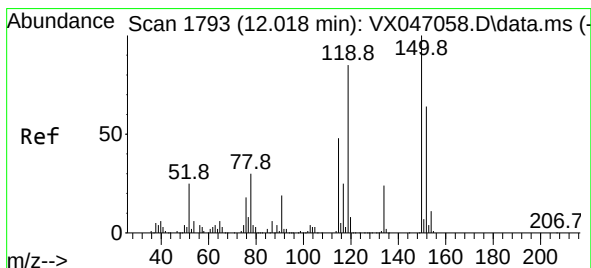
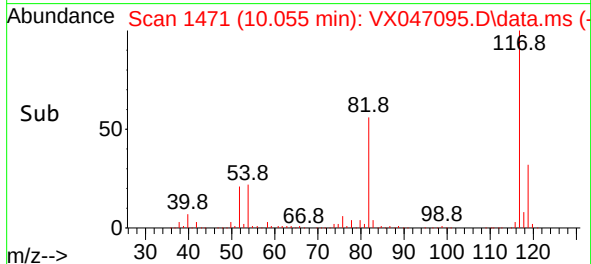
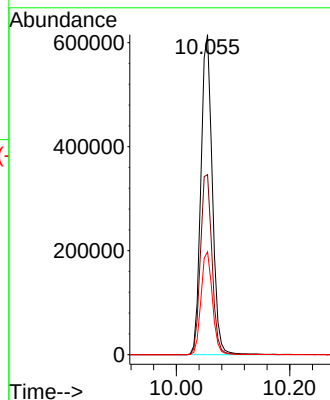
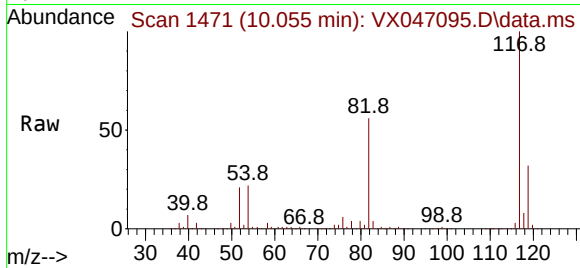




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX047095.D  
Acq: 23 Jul 2025 16:34

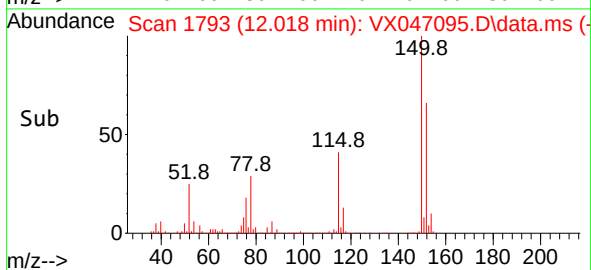
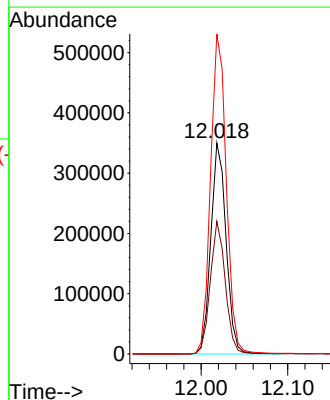
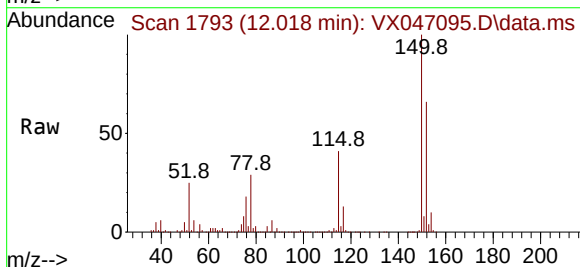
Instrument :  
MSVOA\_X  
ClientSampleId :  
CC0627-BL

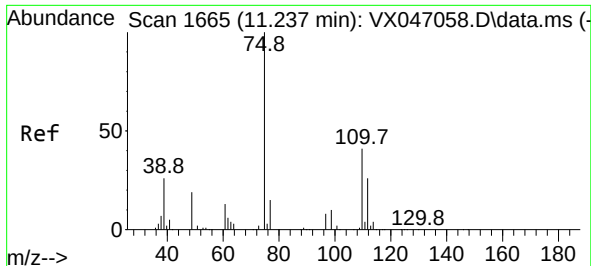
Tgt Ion:117 Resp: 859773  
Ion Ratio Lower Upper  
117 100  
82 56.3 45.4 68.2  
119 32.2 26.1 39.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VX047095.D  
Acq: 23 Jul 2025 16:34

Tgt Ion:152 Resp: 430198  
Ion Ratio Lower Upper  
152 100  
115 61.7 45.6 136.7  
150 156.1 0.0 354.6

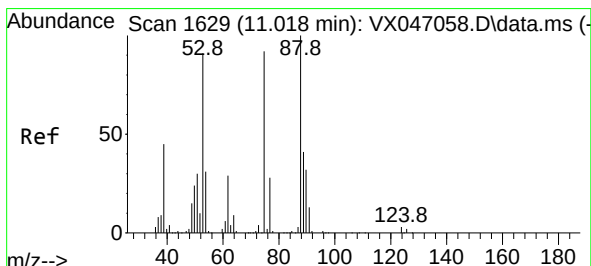
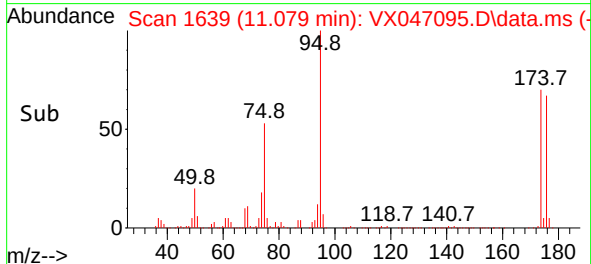
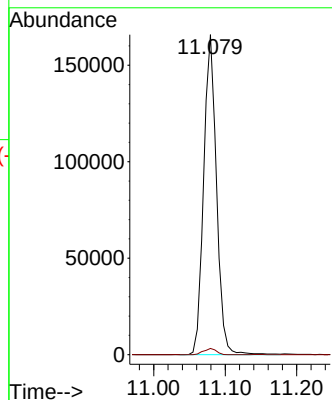
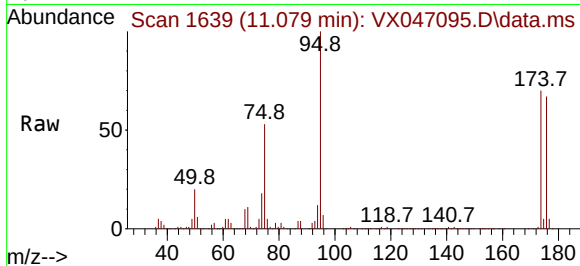




#76  
1,2,3-Trichloropropane  
Concen: 25.993 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.158 min  
Lab File: VX047095.D  
Acq: 23 Jul 2025 16:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
CC0627-BL

Tgt Ion: 75 Resp: 206974  
Ion Ratio Lower Upper  
75 100  
77 1.9 21.6 65.0#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 66.968 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX047095.D  
Acq: 23 Jul 2025 16:34

Tgt Ion: 75 Resp: 206974  
Ion Ratio Lower Upper  
75 100  
53 0.1 84.2 126.4#  
89 0.0 36.0 54.0#

