

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092625\  
 Data File : VX047862.D  
 Acq On : 26 Sep 2025 16:31  
 Operator : JC/MD  
 Sample : Q3156-14  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EB03-20250918

Quant Time: Sep 26 23:17:54 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 17 06:39:58 2025  
 Response via : Initial Calibration

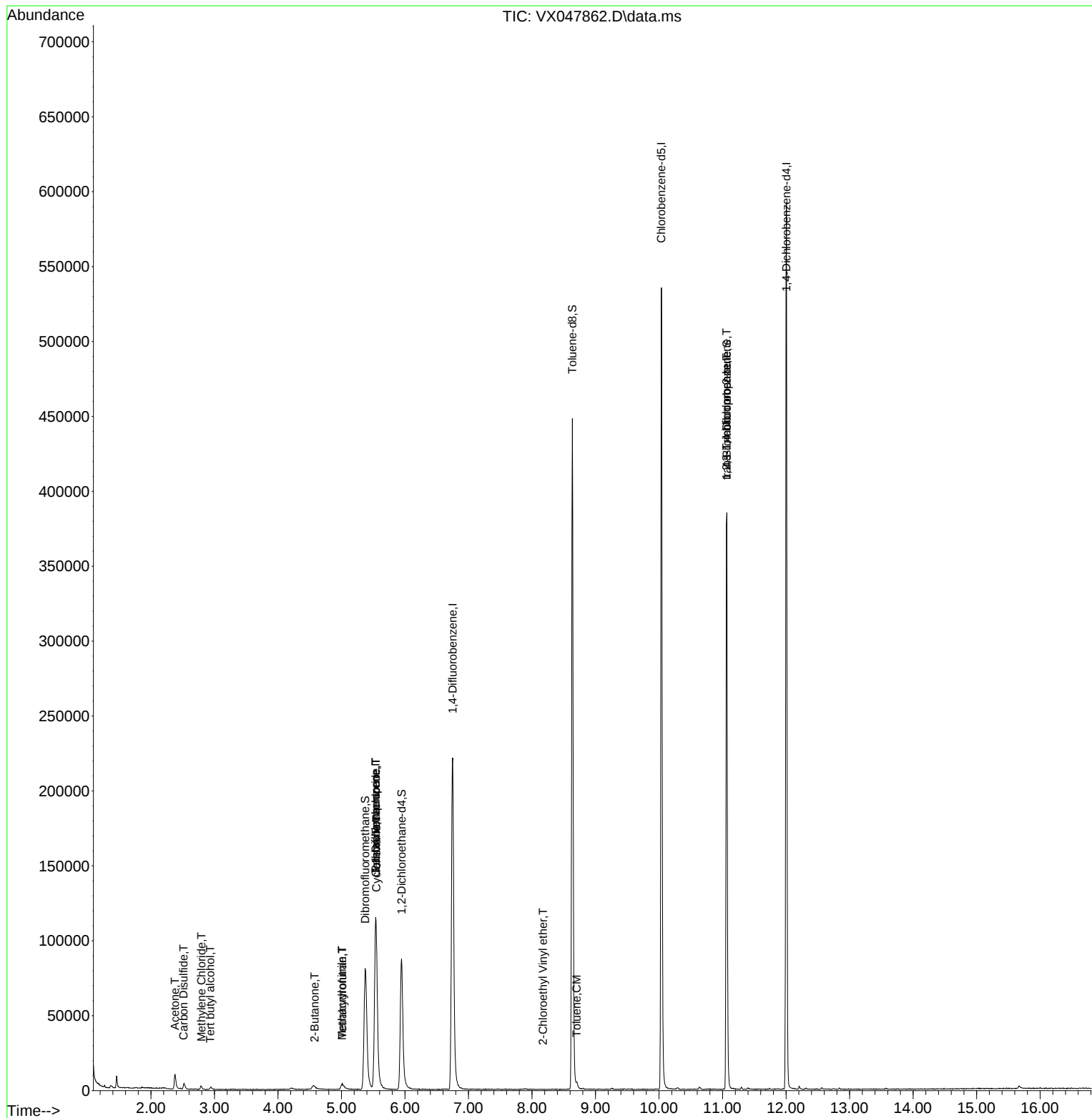
| Compound                      | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|------------|----------|
| -----                         |        |       |          |          |            |          |
| Internal Standards            |        |       |          |          |            |          |
| 1) Pentafluorobenzene         | 5.537  | 168   | 117431   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.751  | 114   | 245049   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 10.037 | 117   | 248321   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.006 | 152   | 123059   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4     | 5.946  | 65    | 95765    | 51.233   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | = 102.460% |          |
| 35) Dibromofluoromethane      | 5.373  | 113   | 80276    | 48.847   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | = 97.700%  |          |
| 50) Toluene-d8                | 8.634  | 98    | 275851   | 48.509   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | = 97.020%  |          |
| 62) 4-Bromofluorobenzene      | 11.067 | 95    | 114349   | 52.984   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | = 105.960% |          |
| Target Compounds              |        |       |          |          |            |          |
|                               |        |       |          |          | Qvalue     |          |
| 11) Tert butyl alcohol        | 2.934  | 59    | 1056     | 5.073    | ug/l #     | 85       |
| 16) Acetone                   | 2.379  | 43    | 13534    | 16.652   | ug/l       | 100      |
| 17) Carbon Disulfide          | 2.514  | 76    | 2752     | 0.721    | ug/l #     | 95       |
| 20) Methylene Chloride        | 2.794  | 84    | 1017     | 0.591    | ug/l       | 95       |
| 25) 2-Butanone                | 4.574  | 43    | 3268     | 3.224    | ug/l       | 98       |
| 29) Tetrahydrofuran           | 5.013  | 42    | 3947     | 6.472    | ug/l #     | 89       |
| 31) Cyclohexane               | 5.550  | 56    | 2719     | 1.101    | ug/l #     | 23       |
| 36) 1,1-Dichloropropene       | 5.537  | 75    | 10193    | 4.245    | ug/l #     | 51       |
| 38) Carbon Tetrachloride      | 5.544  | 117   | 12669    | 4.855    | ug/l #     | 17       |
| 41) Methacrylonitrile         | 5.007  | 41    | 2402     | 1.810    | ug/l #     | 45       |
| 52) Toluene                   | 8.702  | 92    | 1042     | 0.232    | ug/l       | 96       |
| 58) 2-Chloroethyl Vinyl ether | 8.171  | 63    | 19       | 7.907    | ug/l #     | 47       |
| 76) 1,2,3-Trichloropropane    | 11.061 | 75    | 58825    | 23.610   | ug/l #     | 40       |
| 81) trans-1,4-Dichloro-2-b... | 11.061 | 75    | 58825    | 60.208   | ug/l #     | 8        |
| -----                         |        |       |          |          |            |          |

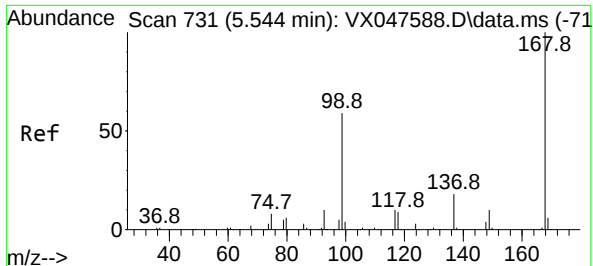
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
ClientSampleId :  
EB03-20250918

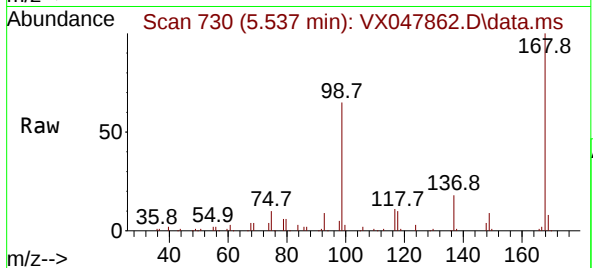
Quant Time: Sep 26 23:17:54 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 17 06:39:58 2025  
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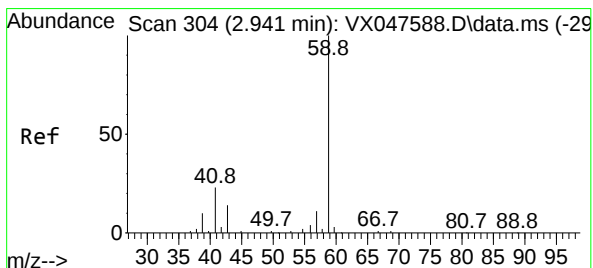
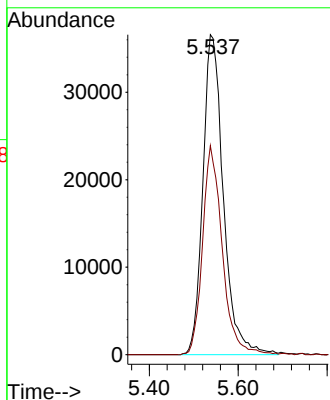
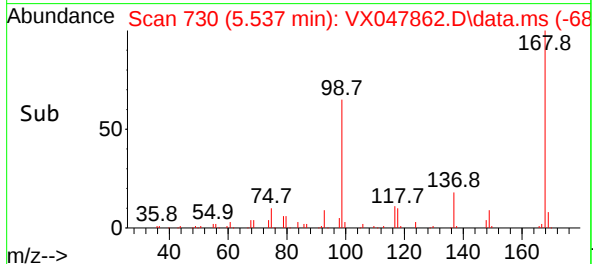


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.537 min Scan# 71  
Delta R.T. -0.007 min  
Lab File: VX047862.D  
Acq: 26 Sep 2025 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
EB03-20250918

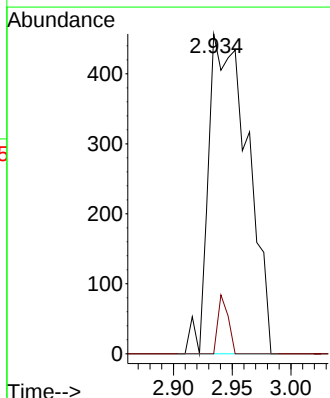
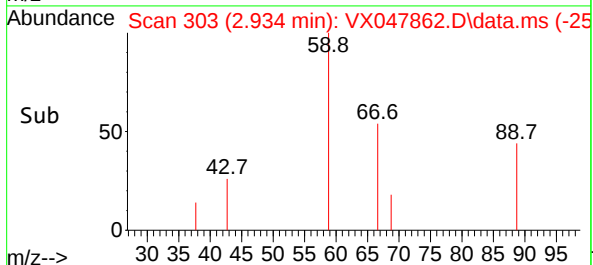
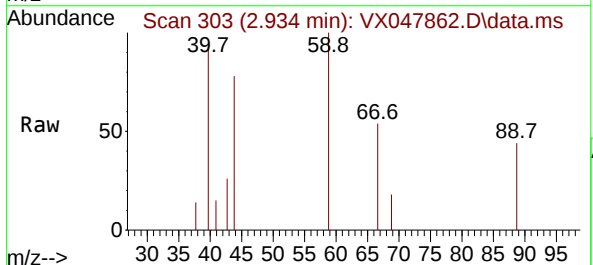


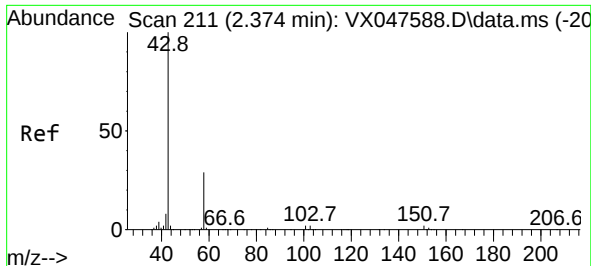
Tgt Ion:168 Resp: 117431  
Ion Ratio Lower Upper  
168 100  
99 65.3 48.8 73.2



#11  
Tert butyl alcohol  
Concen: 5.073 ug/l  
RT: 2.934 min Scan# 303  
Delta R.T. -0.006 min  
Lab File: VX047862.D  
Acq: 26 Sep 2025 16:31

Tgt Ion: 59 Resp: 1056  
Ion Ratio Lower Upper  
59 100  
57 4.7 8.3 12.5#

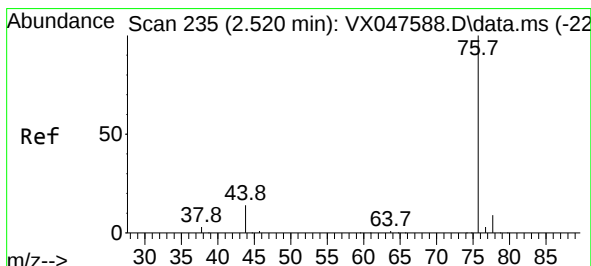
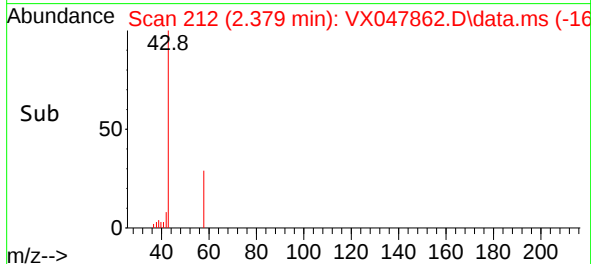
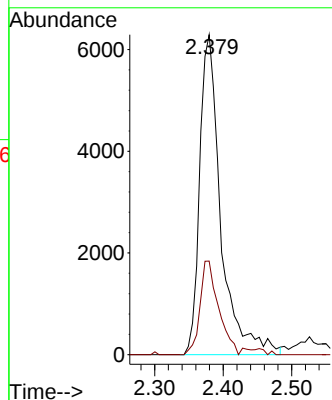
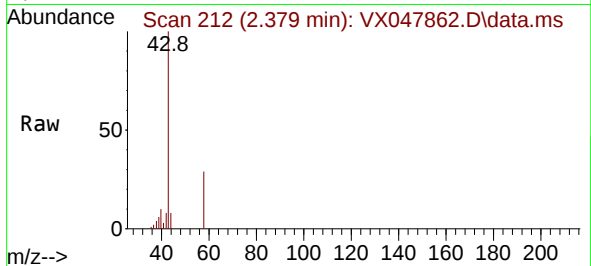




#16  
Acetone  
Concen: 16.652 ug/l  
RT: 2.379 min Scan# 211  
Delta R.T. 0.006 min  
Lab File: VX047862.D  
Acq: 26 Sep 2025 16:31

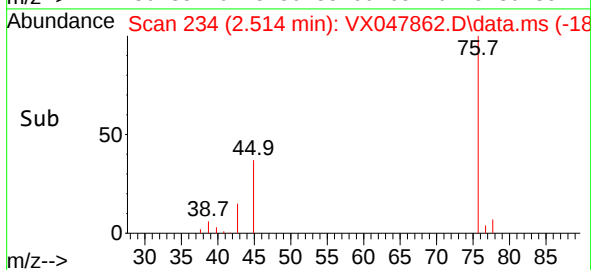
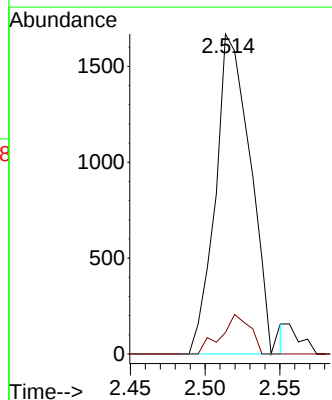
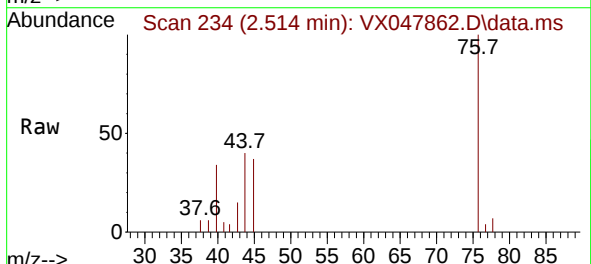
Instrument :  
MSVOA\_X  
ClientSampleId :  
EB03-20250918

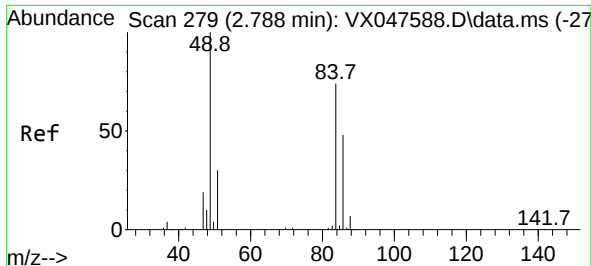
Tgt Ion: 43 Resp: 13534  
Ion Ratio Lower Upper  
43 100  
58 29.3 23.4 35.0



#17  
Carbon Disulfide  
Concen: 0.721 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. -0.006 min  
Lab File: VX047862.D  
Acq: 26 Sep 2025 16:31

Tgt Ion: 76 Resp: 2752  
Ion Ratio Lower Upper  
76 100  
78 6.7 6.8 10.2#

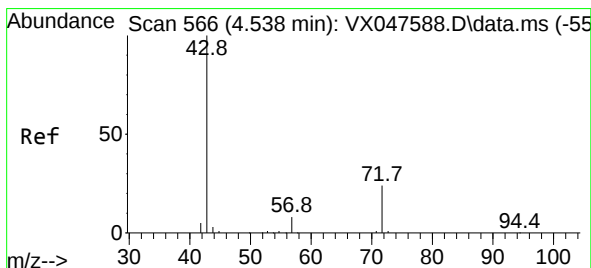
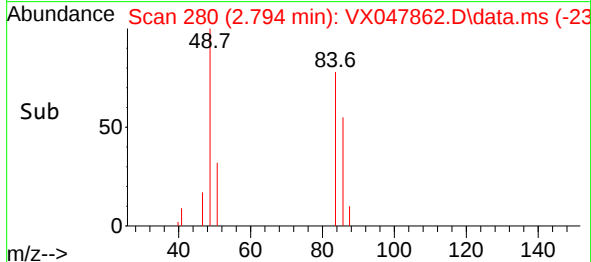
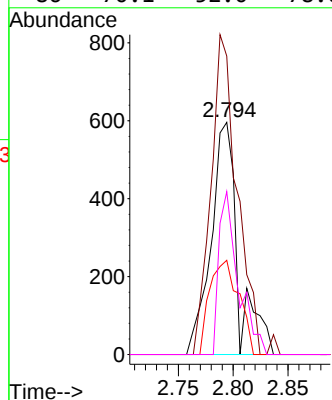
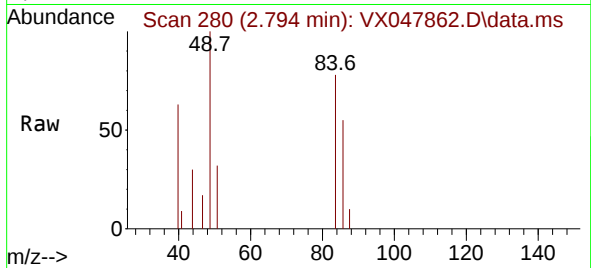




#20  
Methylene Chloride  
Concen: 0.591 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX047862.D  
Acq: 26 Sep 2025 16:31

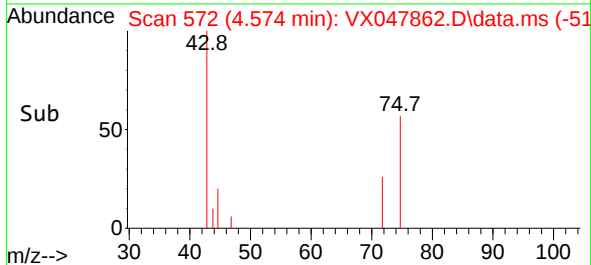
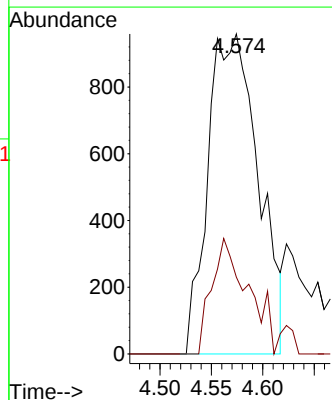
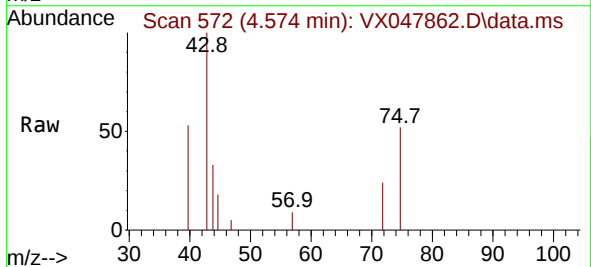
Instrument :  
MSVOA\_X  
ClientSampleId :  
EB03-20250918

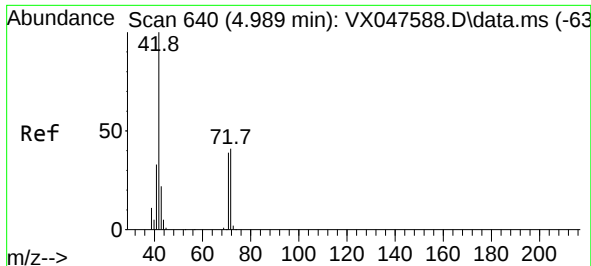
Tgt Ion: 84 Resp: 1017  
Ion Ratio Lower Upper  
84 100  
49 128.5 108.6 162.8  
51 40.6 32.6 48.8  
86 70.1 52.0 78.0



#25  
2-Butanone  
Concen: 3.224 ug/l  
RT: 4.574 min Scan# 572  
Delta R.T. 0.036 min  
Lab File: VX047862.D  
Acq: 26 Sep 2025 16:31

Tgt Ion: 43 Resp: 3268  
Ion Ratio Lower Upper  
43 100  
72 24.0 20.1 30.1





#29

Tetrahydrofuran

Concen: 6.472 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX047862.D

Acq: 26 Sep 2025 16:31

Instrument :

MSVOA\_X

ClientSampleId :

EB03-20250918

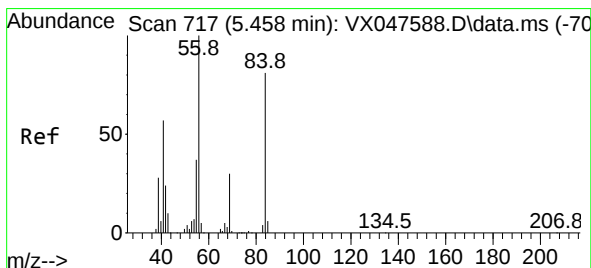
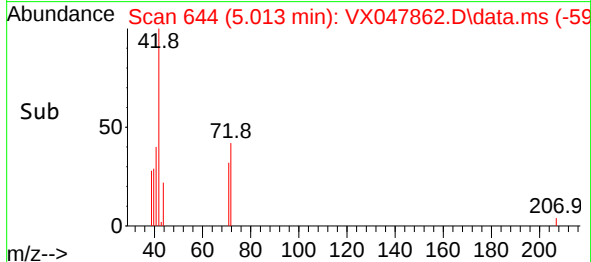
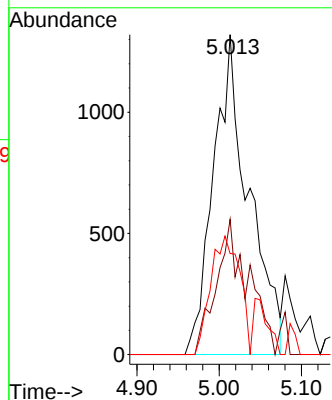
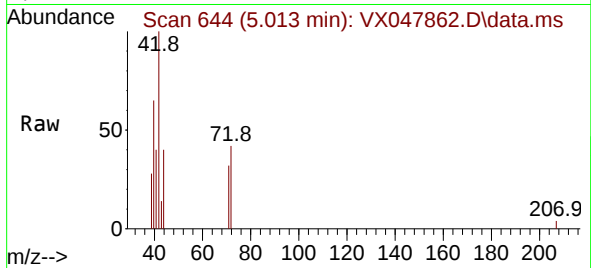
Tgt Ion: 42 Resp: 3947

Ion Ratio Lower Upper

42 100

72 38.5 34.2 51.2

71 30.4 31.9 47.9#



#31

Cyclohexane

Concen: 1.101 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.091 min

Lab File: VX047862.D

Acq: 26 Sep 2025 16:31

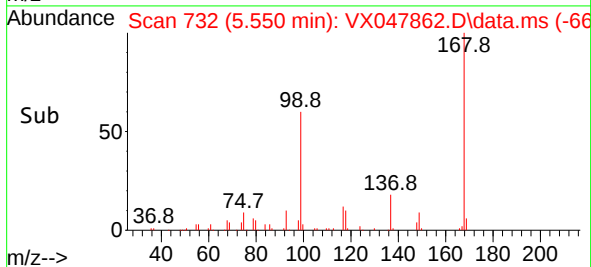
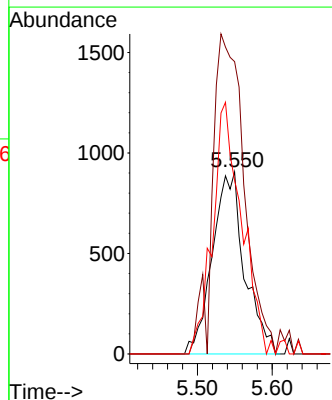
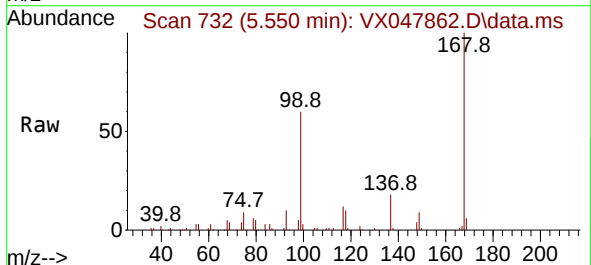
Tgt Ion: 56 Resp: 2719

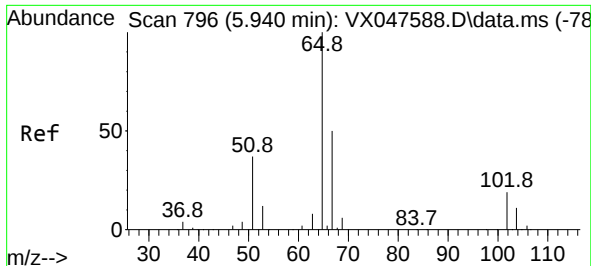
Ion Ratio Lower Upper

56 100

69 160.5 23.8 35.8#

84 95.4 64.6 97.0





#33

1,2-Dichloroethane-d4

Concen: 51.233 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047862.D

Acq: 26 Sep 2025 16:31

Instrument :

MSVOA\_X

ClientSampleId :

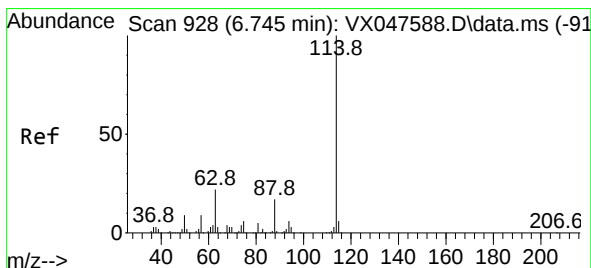
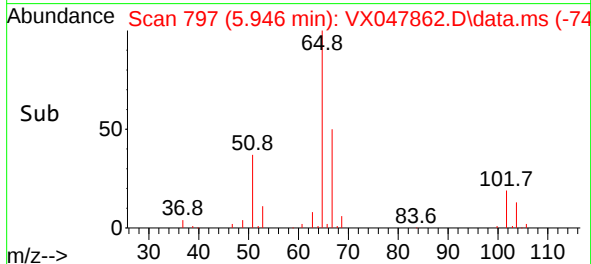
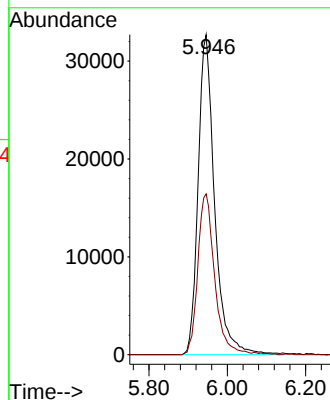
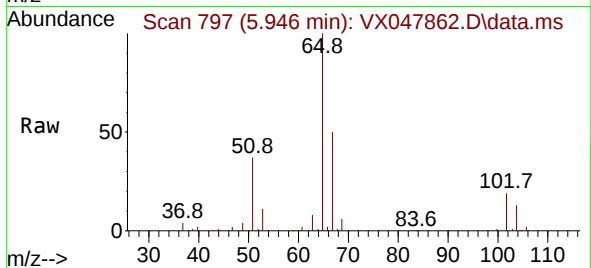
EB03-20250918

Tgt Ion: 65 Resp: 95765

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047862.D

Acq: 26 Sep 2025 16:31

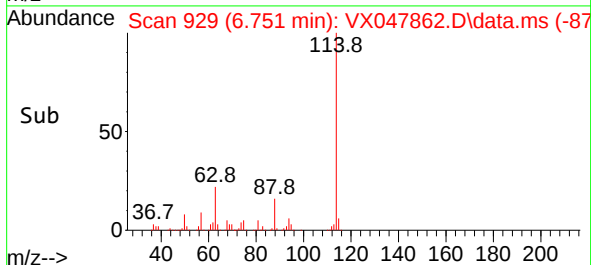
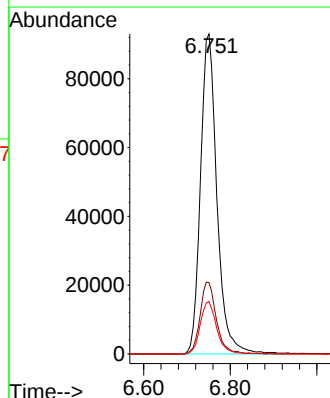
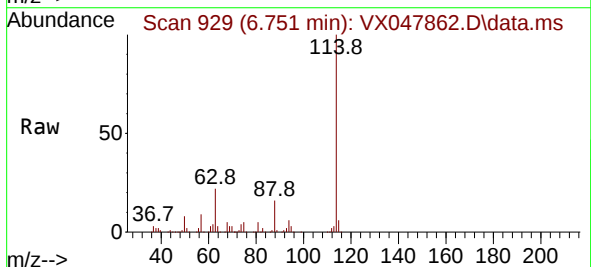
Tgt Ion: 114 Resp: 245049

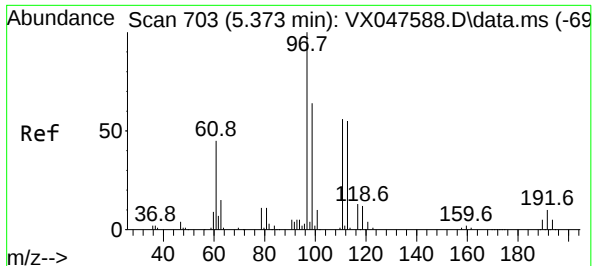
Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.0

88 16.4 0.0 34.2





#35

Dibromofluoromethane

Concen: 48.847 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX047862.D

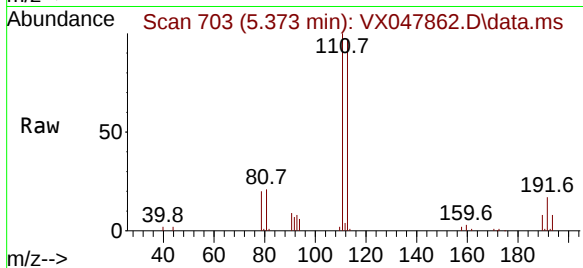
Acq: 26 Sep 2025 16:31

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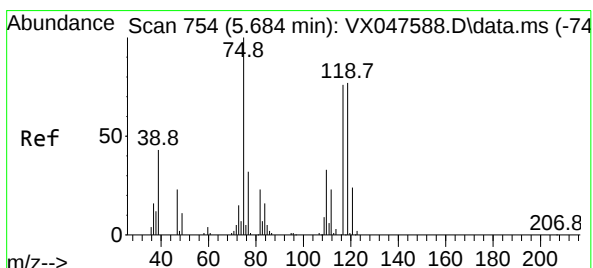
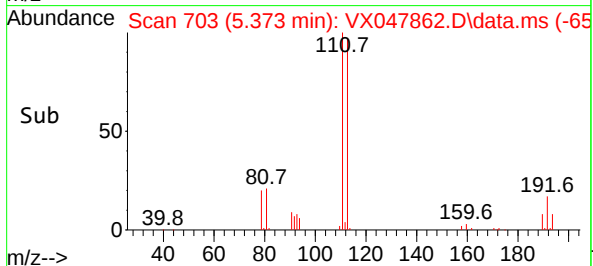
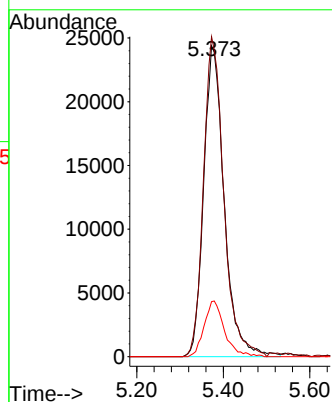
Tgt Ion:113 Resp: 80276

Ion Ratio Lower Upper

113 100

111 101.7 80.9 121.3

192 17.8 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.245 ug/l

RT: 5.537 min Scan# 730

Delta R.T. -0.147 min

Lab File: VX047862.D

Acq: 26 Sep 2025 16:31

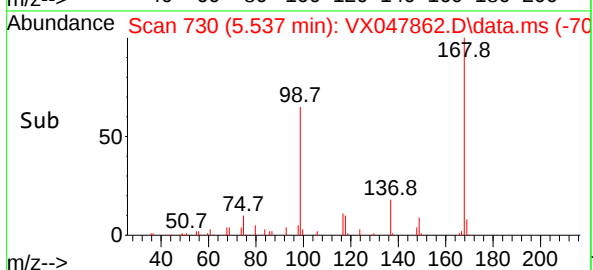
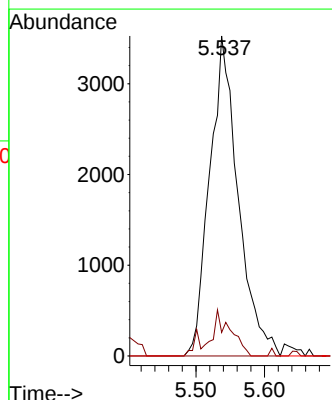
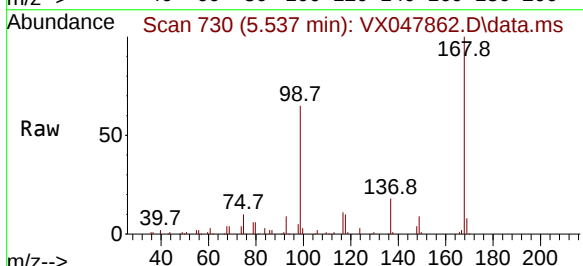
Tgt Ion: 75 Resp: 10193

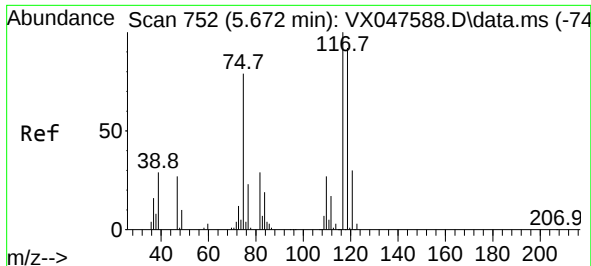
Ion Ratio Lower Upper

75 100

110 8.6 16.7 50.1#

77 0.0 24.3 36.5#

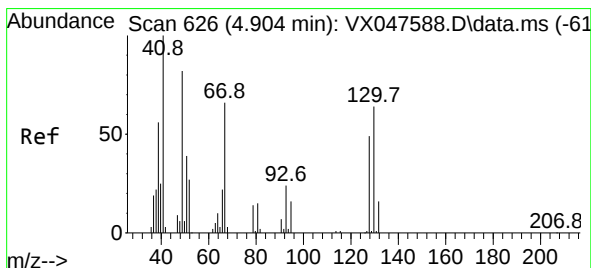
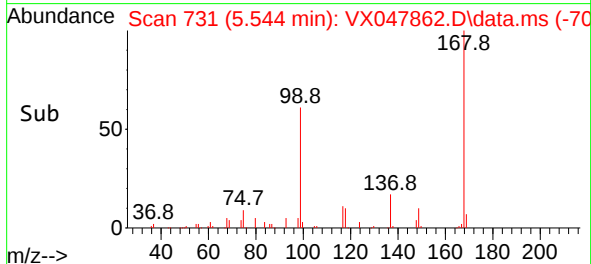
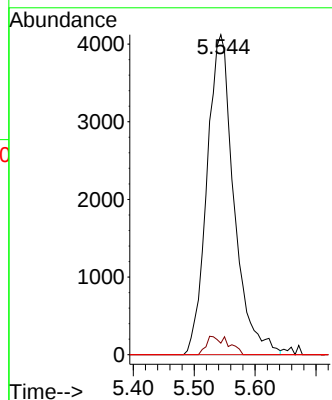
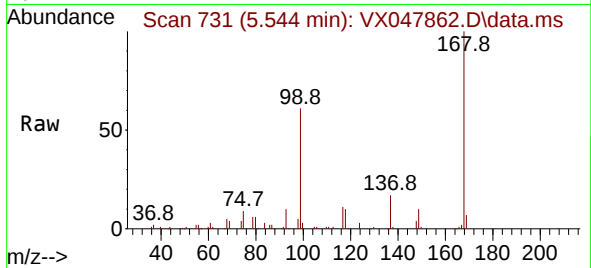




#38  
Carbon Tetrachloride  
Concen: 4.855 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.128 min  
Lab File: VX047862.D  
Acq: 26 Sep 2025 16:31

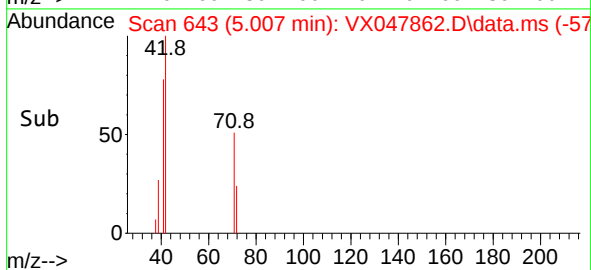
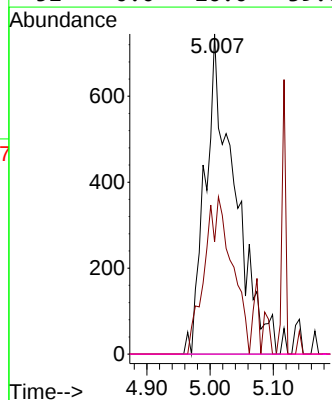
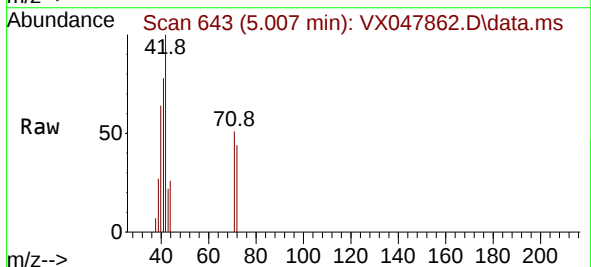
Instrument :  
MSVOA\_X  
ClientSampleId :  
EB03-20250918

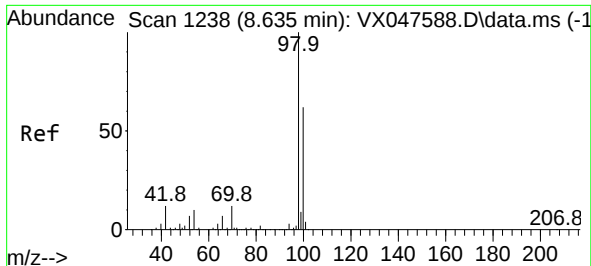
Tgt Ion:117 Resp: 12669  
Ion Ratio Lower Upper  
117 100  
119 3.6 73.4 110.2#  
121 0.0 23.8 35.6#



#41  
Methacrylonitrile  
Concen: 1.810 ug/l  
RT: 5.007 min Scan# 643  
Delta R.T. 0.103 min  
Lab File: VX047862.D  
Acq: 26 Sep 2025 16:31

Tgt Ion: 41 Resp: 2402  
Ion Ratio Lower Upper  
41 100  
39 46.5 43.3 64.9  
67 0.0 58.6 87.8#  
52 0.0 26.0 39.0#

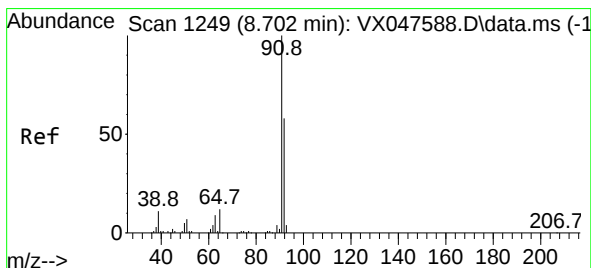
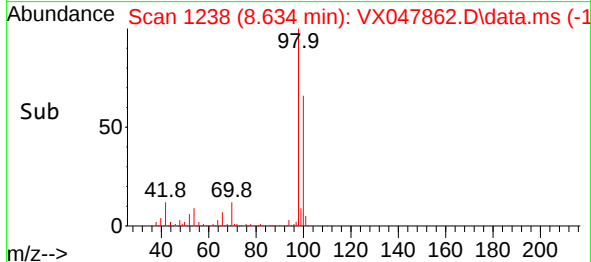
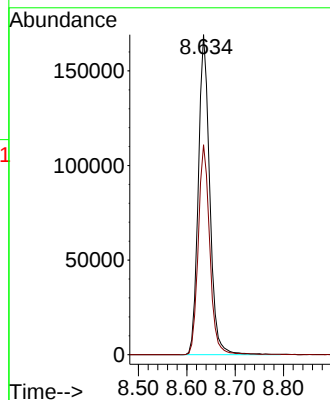
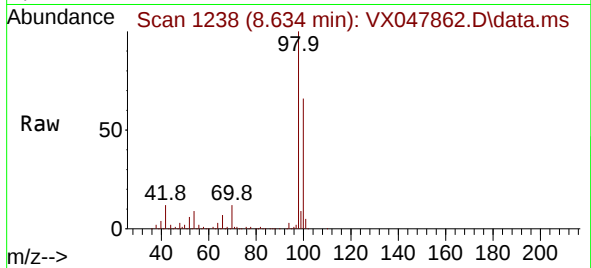




#50  
Toluene-d8  
Concen: 48.509 ug/l  
RT: 8.634 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX047862.D  
Acq: 26 Sep 2025 16:31

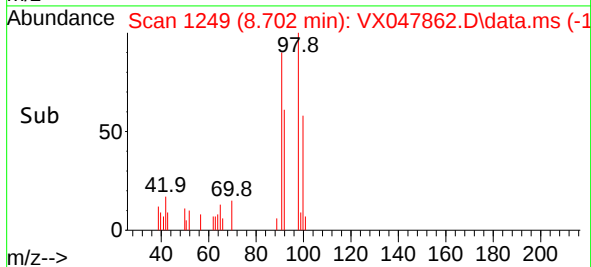
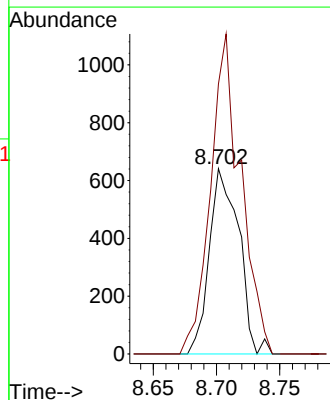
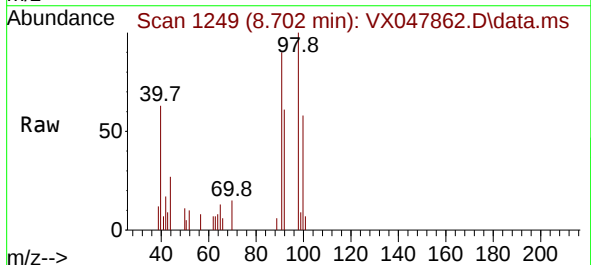
Instrument :  
MSVOA\_X  
ClientSampleId :  
EB03-20250918

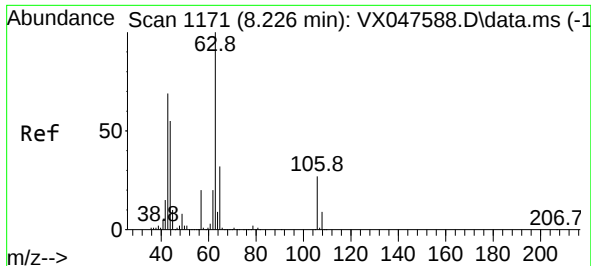
Tgt Ion: 98 Resp: 275851  
Ion Ratio Lower Upper  
98 100  
100 66.1 53.0 79.4



#52  
Toluene  
Concen: 0.232 ug/l  
RT: 8.702 min Scan# 1249  
Delta R.T. -0.000 min  
Lab File: VX047862.D  
Acq: 26 Sep 2025 16:31

Tgt Ion: 92 Resp: 1042  
Ion Ratio Lower Upper  
92 100  
91 176.8 137.1 205.7

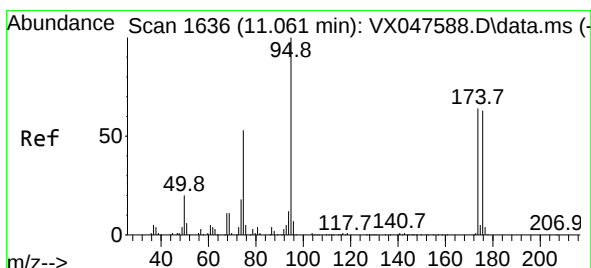
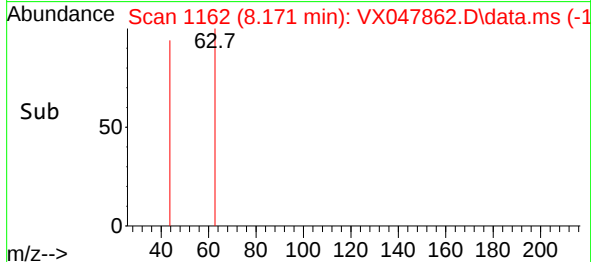
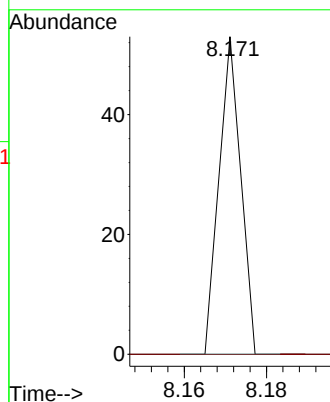
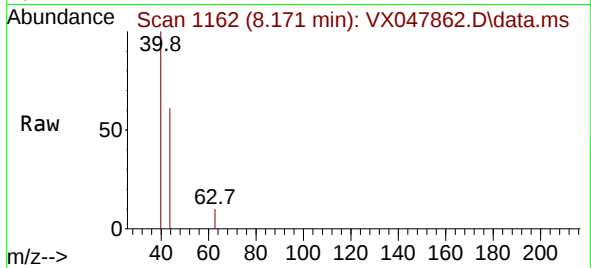




#58  
2-Chloroethyl Vinyl ether  
Concen: 7.907 ug/l  
RT: 8.171 min Scan# 1171  
Delta R.T. -0.055 min  
Lab File: VX047862.D  
Acq: 26 Sep 2025 16:31

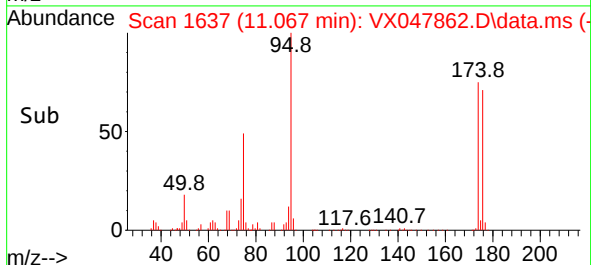
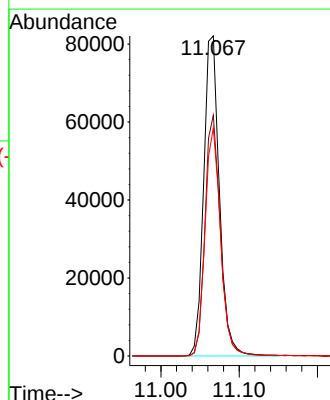
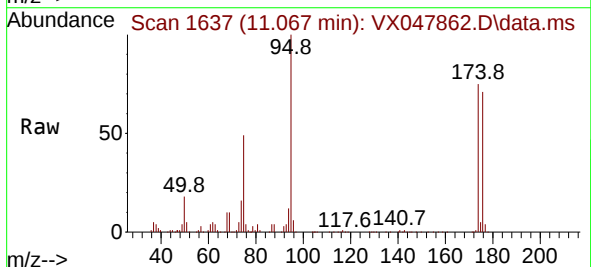
Instrument :  
MSVOA\_X  
ClientSampleId :  
EB03-20250918

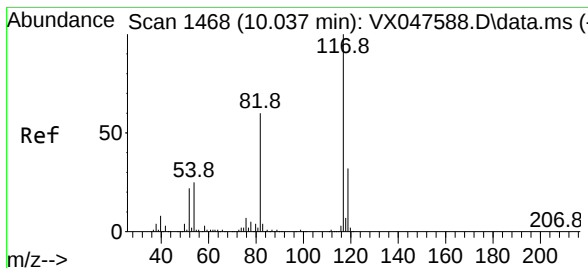
Tgt Ion: 63 Resp: 19  
Ion Ratio Lower Upper  
63 100  
106 0.0 21.9 32.9#



#62  
4-Bromofluorobenzene  
Concen: 52.984 ug/l  
RT: 11.067 min Scan# 1637  
Delta R.T. 0.006 min  
Lab File: VX047862.D  
Acq: 26 Sep 2025 16:31

Tgt Ion: 95 Resp: 114349  
Ion Ratio Lower Upper  
95 100  
174 73.7 0.0 141.6  
176 70.2 0.0 138.4

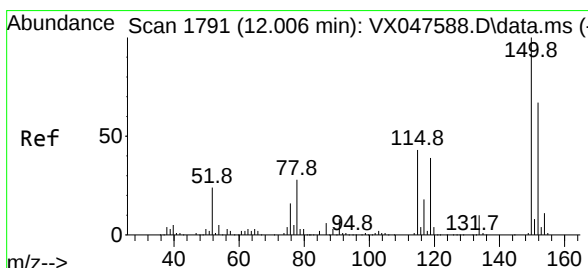
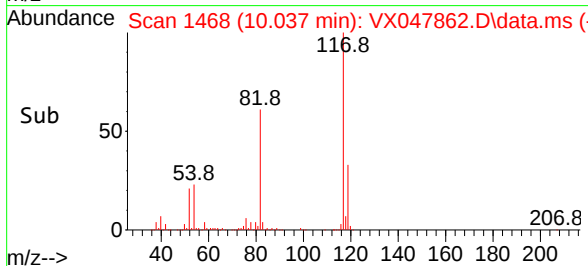
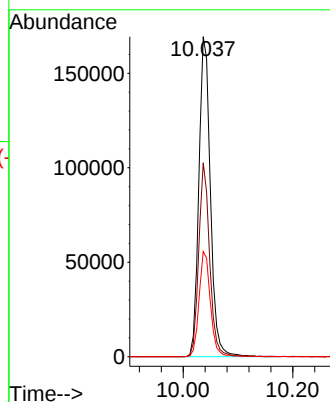
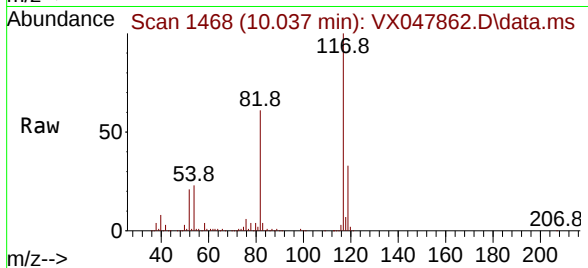




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VX047862.D  
Acq: 26 Sep 2025 16:31

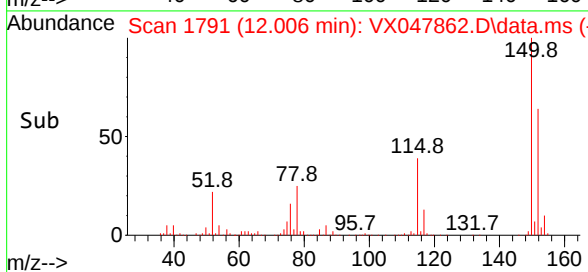
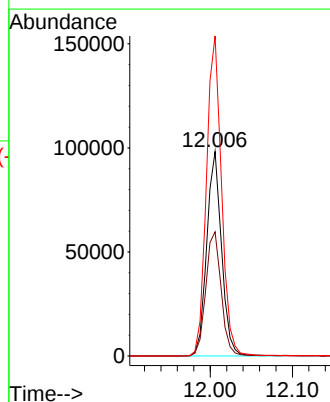
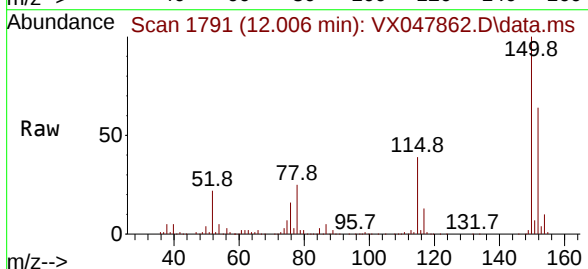
Instrument :  
MSVOA\_X  
ClientSampleId :  
EB03-20250918

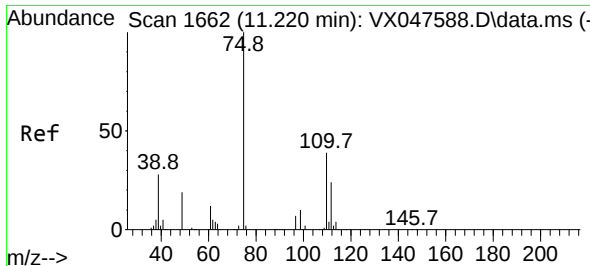
Tgt Ion:117 Resp: 248321  
Ion Ratio Lower Upper  
117 100  
82 60.6 47.8 71.6  
119 32.9 25.2 37.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX047862.D  
Acq: 26 Sep 2025 16:31

Tgt Ion:152 Resp: 123059  
Ion Ratio Lower Upper  
152 100  
115 62.9 44.9 134.5  
150 159.2 0.0 352.0

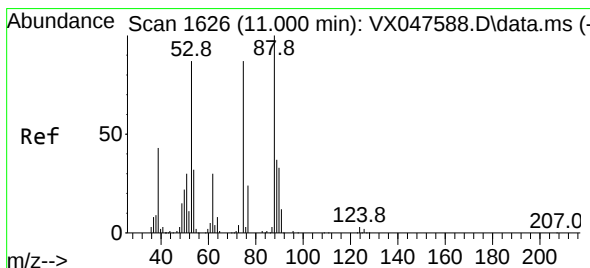
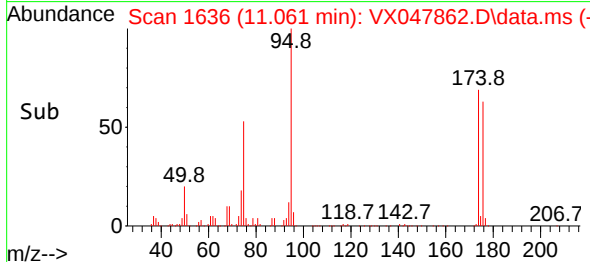
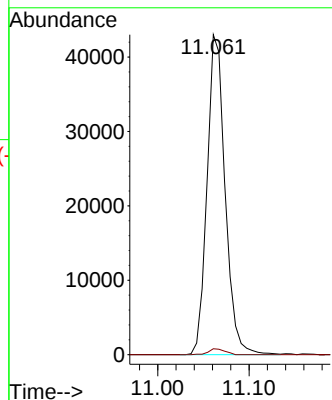
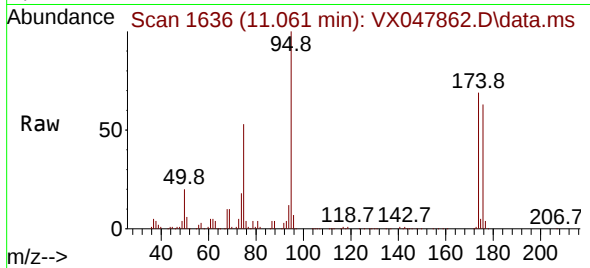




#76  
1,2,3-Trichloropropane  
Concen: 23.610 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. -0.159 min  
Lab File: VX047862.D  
Acq: 26 Sep 2025 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
EB03-20250918

Tgt Ion: 75 Resp: 58825  
Ion Ratio Lower Upper  
75 100  
77 1.7 18.8 56.4#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 60.208 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. 0.061 min  
Lab File: VX047862.D  
Acq: 26 Sep 2025 16:31

Tgt Ion: 75 Resp: 58825  
Ion Ratio Lower Upper  
75 100  
53 0.0 83.4 125.2#  
89 0.0 36.3 54.5#

