

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121225\  
 Data File : VX048850.D  
 Acq On : 12 Dec 2025 13:31  
 Operator : JC/MD  
 Sample : Q3828-01RE  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BR-02-133-120925

Quant Time: Dec 12 22:12:33 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120425W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 05 03:27:34 2025  
 Response via : Initial Calibration

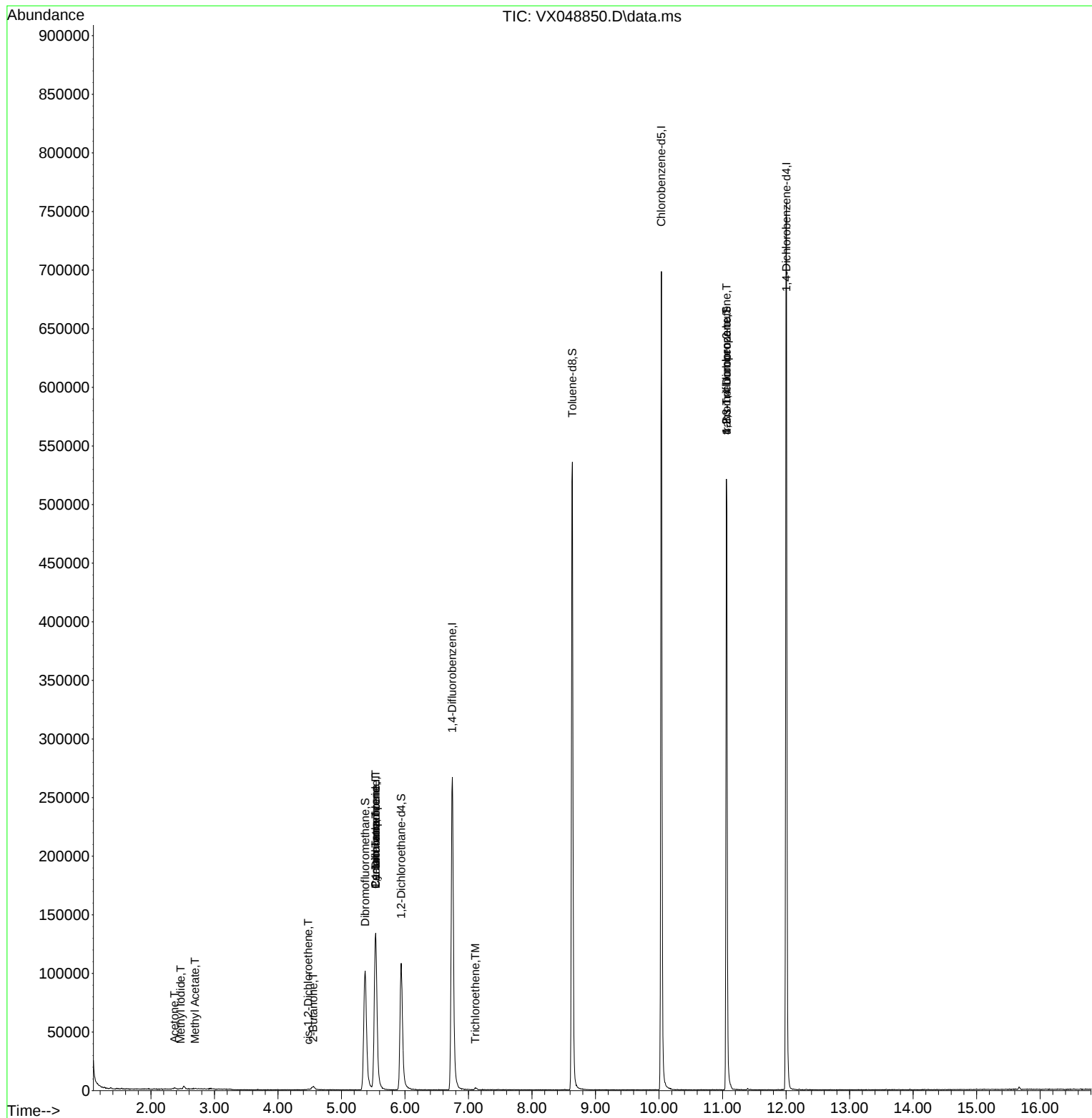
| Compound                      | R.T.   | QIon           | Response | Conc      | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|-----------|----------|----------|
| -----                         |        |                |          |           |          |          |
| Internal Standards            |        |                |          |           |          |          |
| 1) Pentafluorobenzene         | 5.537  | 168            | 139671   | 50.000    | ug/l     | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.745  | 114            | 296647   | 50.000    | ug/l     | 0.00     |
| 63) Chlorobenzene-d5          | 10.037 | 117            | 321216   | 50.000    | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.006 | 152            | 171700   | 50.000    | ug/l     | 0.00     |
|                               |        |                |          |           |          |          |
| System Monitoring Compounds   |        |                |          |           |          |          |
| 33) 1,2-Dichloroethane-d4     | 5.940  | 65             | 114631   | 61.148    | ug/l     | 0.00     |
| Spiked Amount                 | 50.000 | Range 78 - 117 | Recovery | =         | 122.300% | #        |
| 35) Dibromofluoromethane      | 5.373  | 113            | 99461    | 48.695    | ug/l     | 0.00     |
| Spiked Amount                 | 50.000 | Range 75 - 124 | Recovery | =         | 97.380%  |          |
| 50) Toluene-d8                | 8.634  | 98             | 342777   | 47.876    | ug/l     | 0.00     |
| Spiked Amount                 | 50.000 | Range 92 - 112 | Recovery | =         | 95.760%  |          |
| 62) 4-Bromofluorobenzene      | 11.061 | 95             | 147914   | 59.911    | ug/l     | 0.00     |
| Spiked Amount                 | 50.000 | Range 83 - 123 | Recovery | =         | 119.820% |          |
|                               |        |                |          |           |          |          |
| Target Compounds              |        |                |          |           |          | Qvalue   |
| 10) Methyl Iodide             | 2.465  | 142            | 489      | 0.216     | ug/l #   | 79       |
| 16) Acetone                   | 2.367  | 43             | 1528     | 2.129     | ug/l #   | 82       |
| 18) Methyl Acetate            | 2.690  | 43             | 482      | 0.239     | ug/l #   | 51       |
| 25) 2-Butanone                | 4.556  | 43             | 233      | 0.220     | ug/l #   | 46       |
| 27) cis-1,2-Dichloroethene    | 4.477  | 96             | 562      | 0.301     | ug/l     | 75       |
| 31) Cyclohexane               | 5.537  | 56             | 3073     | 1.213     | ug/l #   | 12       |
| 36) 1,1-Dichloropropene       | 5.537  | 75             | 11148    | 3.985     | ug/l #   | 47       |
| 38) Carbon Tetrachloride      | 5.537  | 117            | 14565    | 4.596     | ug/l #   | 14       |
| 44) Trichloroethene           | 7.104  | 130            | 664      | 0.307     | ug/l     | 90       |
| 76) 1,2,3-Trichloropropane    | 11.061 | 75             | 76522    | 23.928    | ug/l #   | 30       |
| 81) trans-1,4-Dichloro-2-b... | 11.061 | 75             | 76522    | 56.839    | ug/l #   | 3        |
| 95) Naphthalene               | 13.768 | 128            | 247      | Below Cal | #        | 69       |
| -----                         |        |                |          |           |          |          |

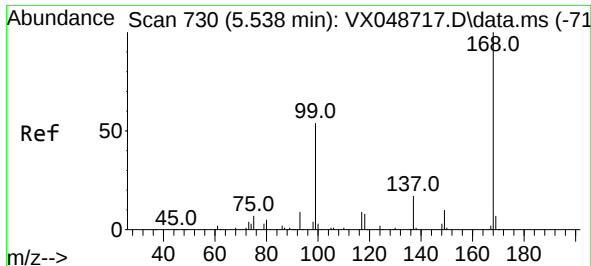
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121225\  
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Sample : Q3828-01RE  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BR-02-133-120925

Quant Time: Dec 12 22:12:33 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120425W.M  
Quant Title : SW846 8260  
QLast Update : Fri Dec 05 03:27:34 2025  
Response via : Initial Calibration

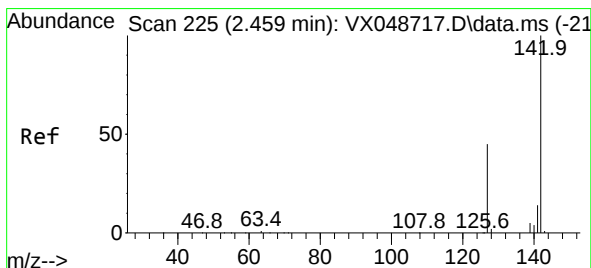
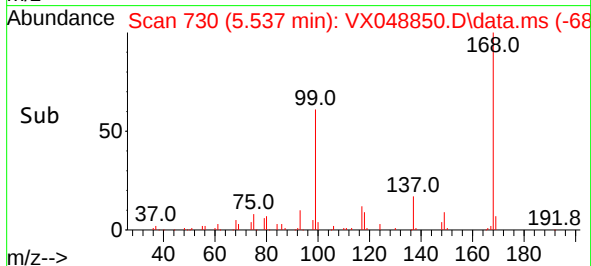
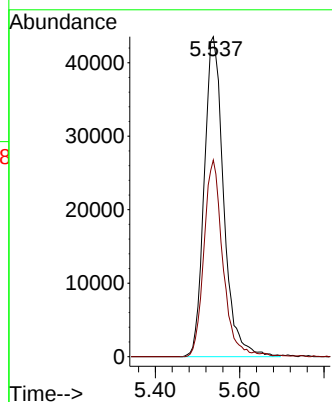
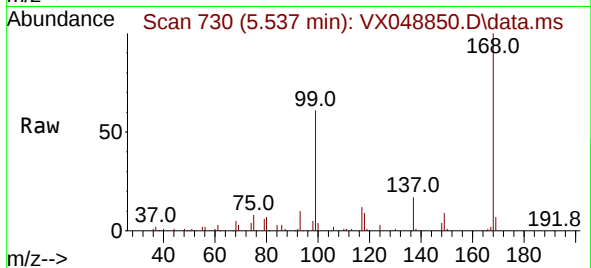




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.537 min Scan# 71  
Delta R.T. -0.001 min  
Lab File: VX048850.D  
Acq: 12 Dec 2025 13:31

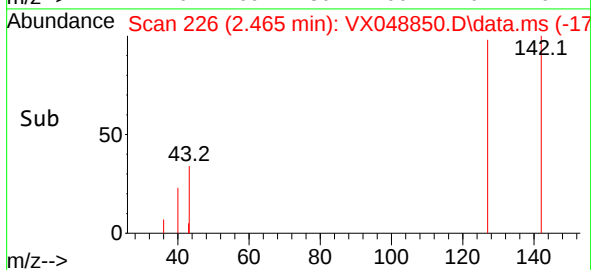
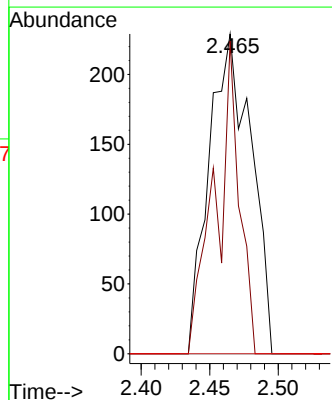
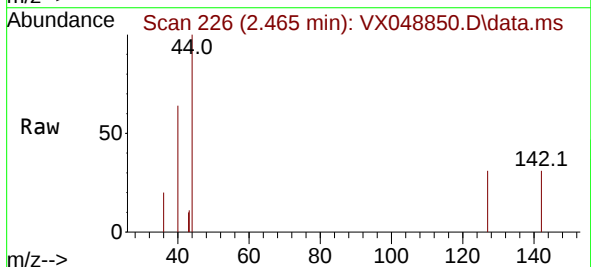
Instrument :  
MSVOA\_X  
ClientSampleId :  
BR-02-133-120925

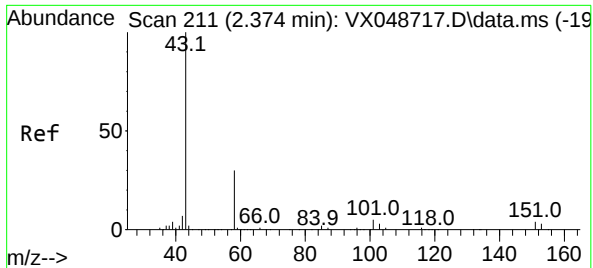
Tgt Ion:168 Resp: 139671  
Ion Ratio Lower Upper  
168 100  
99 61.5 44.2 66.4



#10  
Methyl Iodide  
Concen: 0.216 ug/l  
RT: 2.465 min Scan# 226  
Delta R.T. 0.006 min  
Lab File: VX048850.D  
Acq: 12 Dec 2025 13:31

Tgt Ion:142 Resp: 489  
Ion Ratio Lower Upper  
142 100  
127 55.4 35.8 53.6#  
141 0.0 11.1 16.7#

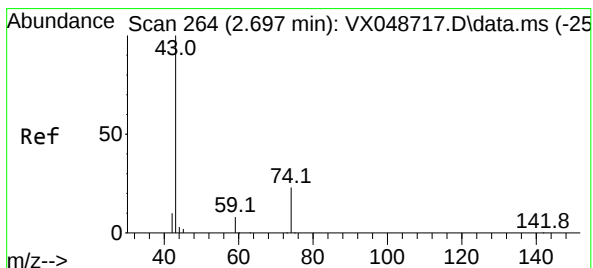
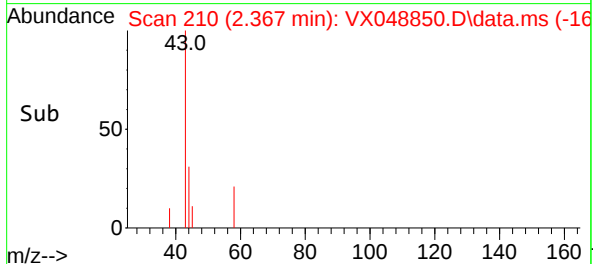
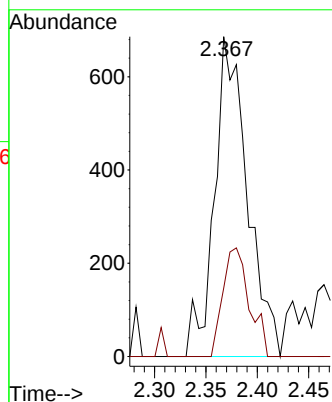
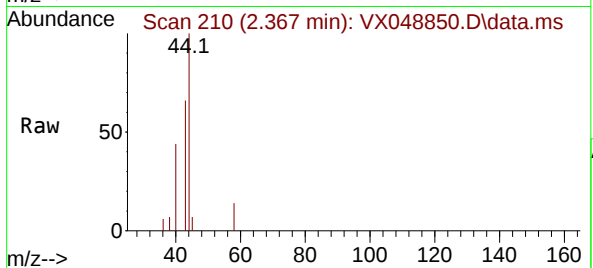




#16  
Acetone  
Concen: 2.129 ug/l  
RT: 2.367 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX048850.D  
Acq: 12 Dec 2025 13:31

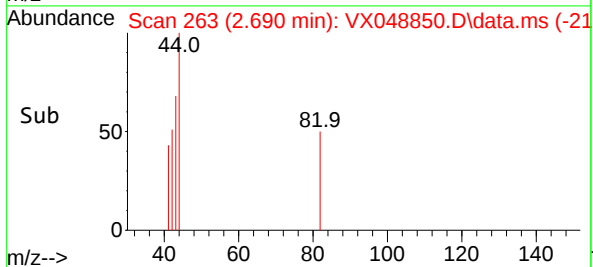
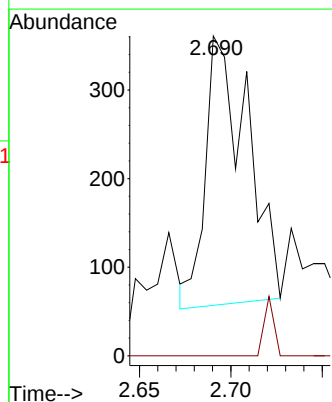
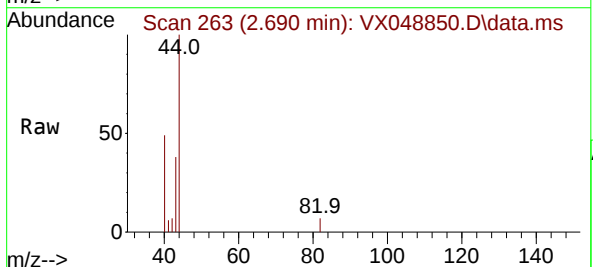
Instrument :  
MSVOA\_X  
ClientSampleId :  
BR-02-133-120925

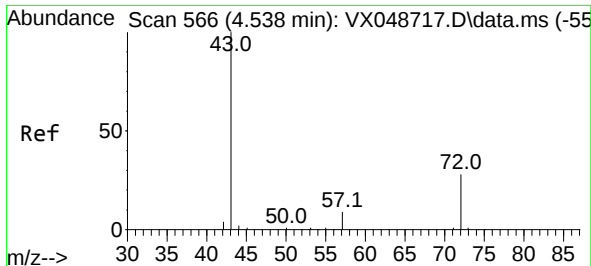
Tgt Ion: 43 Resp: 1528  
Ion Ratio Lower Upper  
43 100  
58 21.4 25.0 37.4#



#18  
Methyl Acetate  
Concen: 0.239 ug/l  
RT: 2.690 min Scan# 263  
Delta R.T. -0.006 min  
Lab File: VX048850.D  
Acq: 12 Dec 2025 13:31

Tgt Ion: 43 Resp: 482  
Ion Ratio Lower Upper  
43 100  
74 0.0 19.2 28.8#

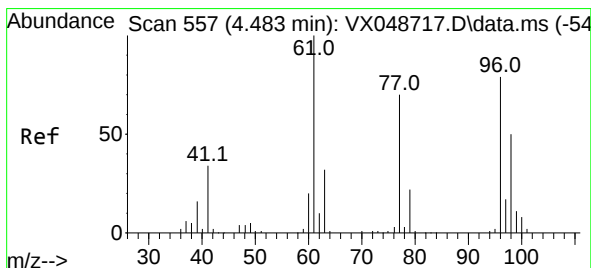
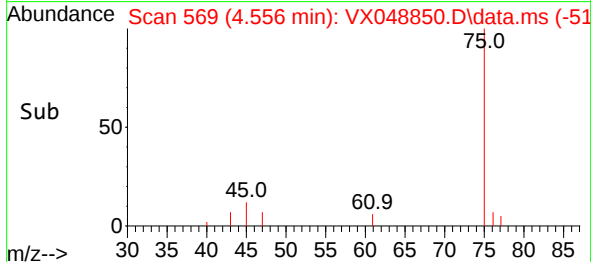
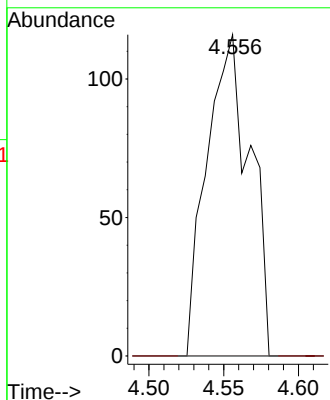
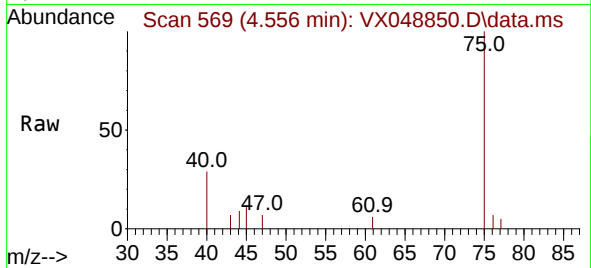




#25  
2-Butanone  
Concen: 0.220 ug/l  
RT: 4.556 min Scan# 50  
Delta R.T. 0.018 min  
Lab File: VX048850.D  
Acq: 12 Dec 2025 13:31

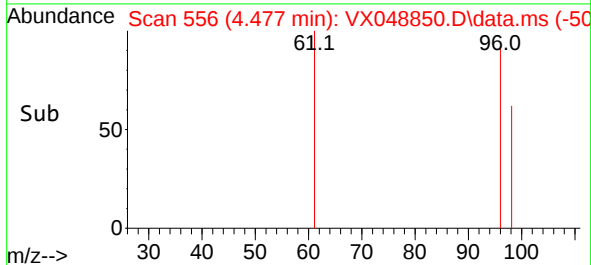
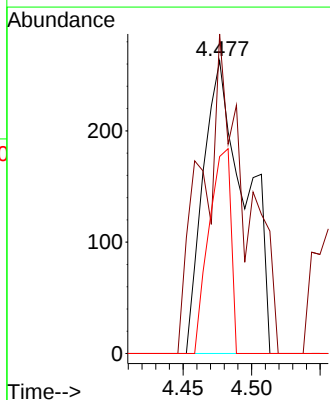
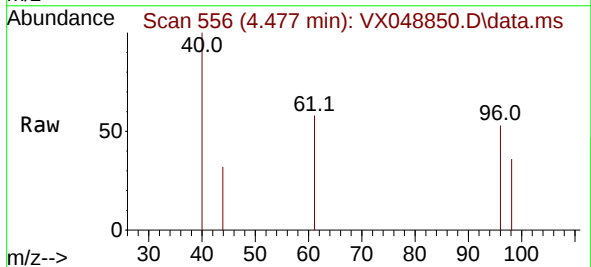
Instrument :  
MSVOA\_X  
ClientSampleId :  
BR-02-133-120925

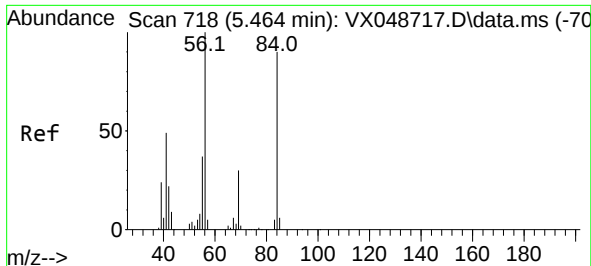
Tgt Ion: 43 Resp: 233  
Ion Ratio Lower Upper  
43 100  
72 0.0 22.6 34.0#



#27  
cis-1,2-Dichloroethene  
Concen: 0.301 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. -0.006 min  
Lab File: VX048850.D  
Acq: 12 Dec 2025 13:31

Tgt Ion: 96 Resp: 562  
Ion Ratio Lower Upper  
96 100  
61 111.7 0.0 271.0  
98 36.7 0.0 130.2

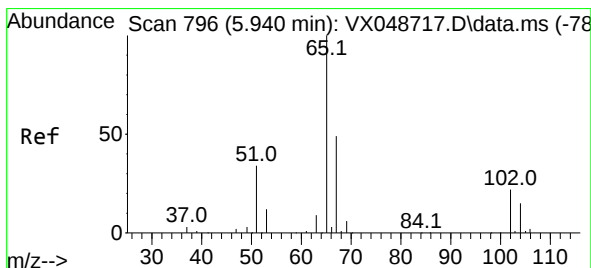
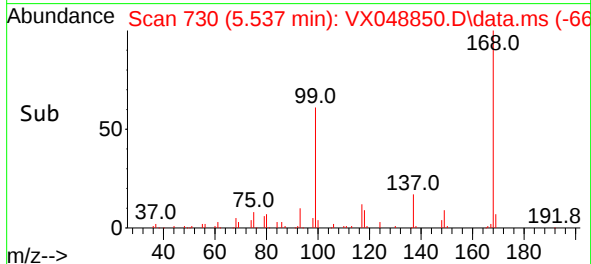
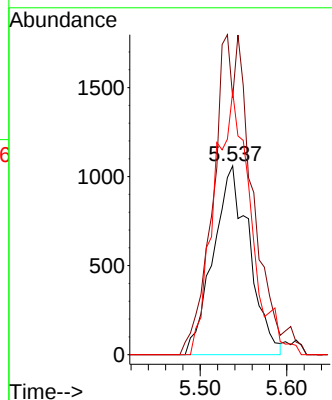
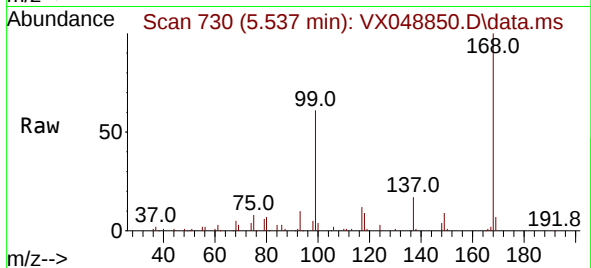




#31  
Cyclohexane  
Concen: 1.213 ug/l  
RT: 5.537 min Scan# 718  
Delta R.T. 0.073 min  
Lab File: VX048850.D  
Acq: 12 Dec 2025 13:31

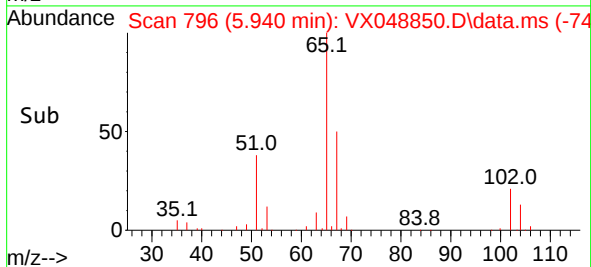
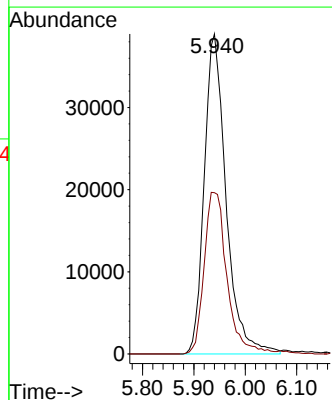
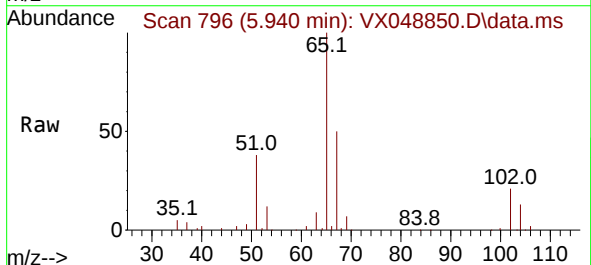
Instrument :  
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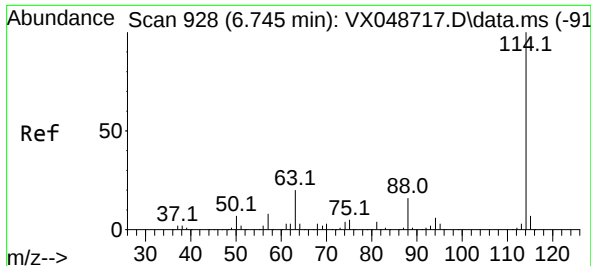
Tgt Ion: 56 Resp: 3073  
Ion Ratio Lower Upper  
56 100  
69 136.2 24.2 36.2#  
84 139.2 72.1 108.1#



#33  
1,2-Dichloroethane-d4  
Concen: 61.148 ug/l  
RT: 5.940 min Scan# 796  
Delta R.T. -0.000 min  
Lab File: VX048850.D  
Acq: 12 Dec 2025 13:31

Tgt Ion: 65 Resp: 114631  
Ion Ratio Lower Upper  
65 100  
67 52.8 0.0 107.4

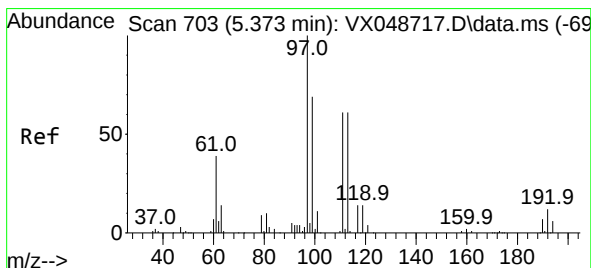
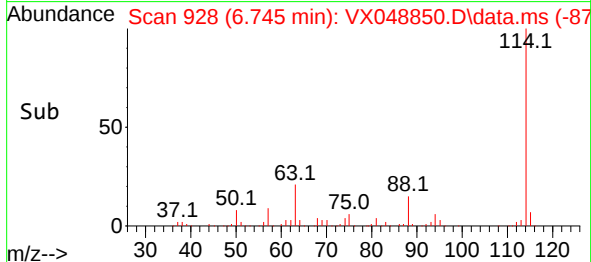
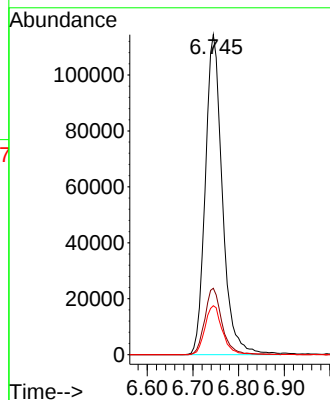
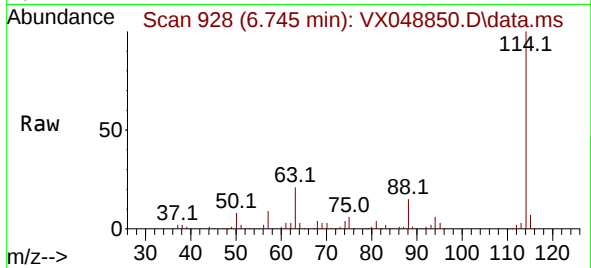




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.745 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX048850.D  
Acq: 12 Dec 2025 13:31

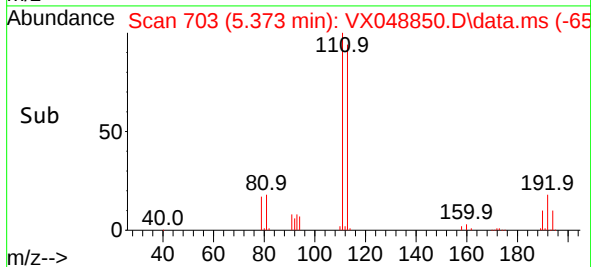
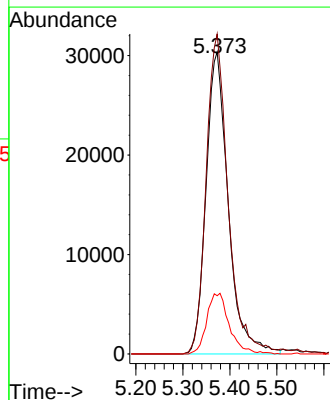
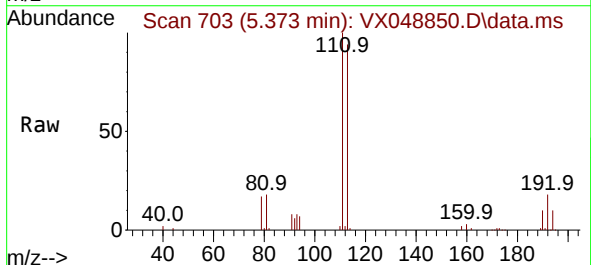
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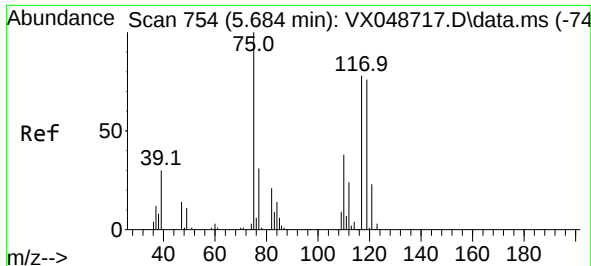
Tgt Ion:114 Resp: 296647  
Ion Ratio Lower Upper  
114 100  
63 20.7 0.0 39.0  
88 15.3 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 48.695 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.000 min  
Lab File: VX048850.D  
Acq: 12 Dec 2025 13:31

Tgt Ion:113 Resp: 99461  
Ion Ratio Lower Upper  
113 100  
111 104.3 79.5 119.3  
192 20.2 16.1 24.1

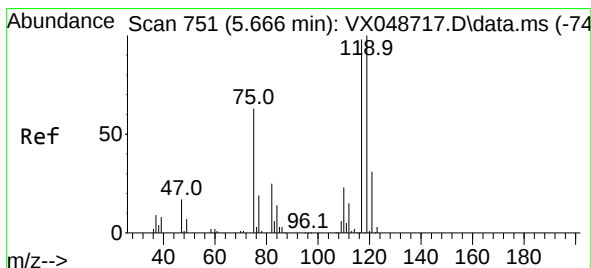
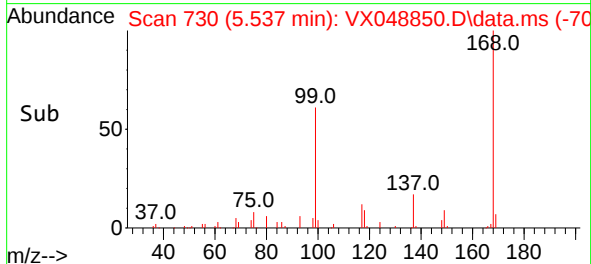
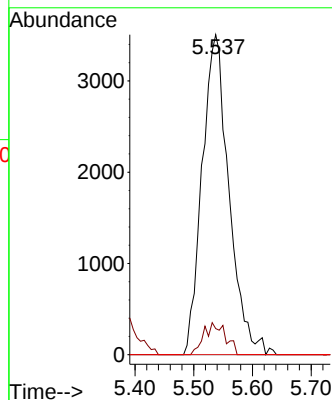
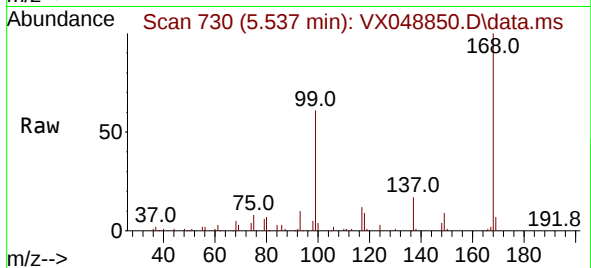




#36  
1,1-Dichloropropene  
Concen: 3.985 ug/l  
RT: 5.537 min Scan# 710  
Delta R.T. -0.146 min  
Lab File: VX048850.D  
Acq: 12 Dec 2025 13:31

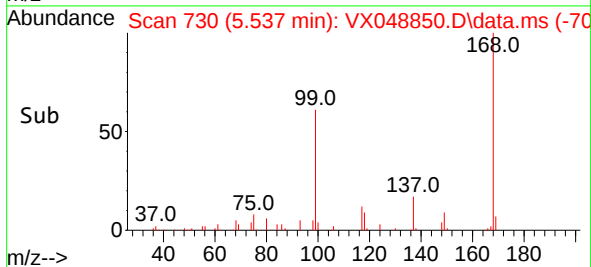
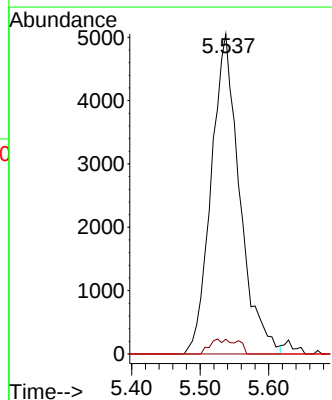
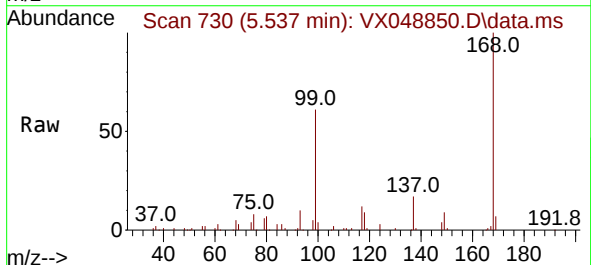
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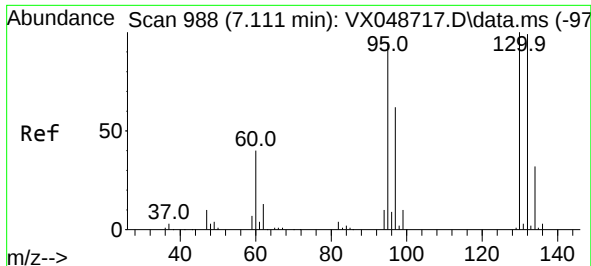
Tgt Ion: 75 Resp: 11148  
Ion Ratio Lower Upper  
75 100  
110 8.1 18.6 55.8#  
77 0.0 25.3 37.9#



#38  
Carbon Tetrachloride  
Concen: 4.596 ug/l  
RT: 5.537 min Scan# 730  
Delta R.T. -0.128 min  
Lab File: VX048850.D  
Acq: 12 Dec 2025 13:31

Tgt Ion: 117 Resp: 14565  
Ion Ratio Lower Upper  
117 100  
119 4.6 80.5 120.7#  
121 0.0 25.4 38.0#

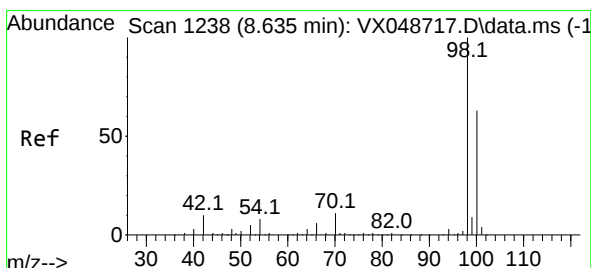
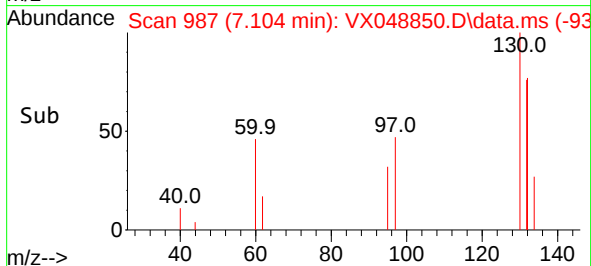
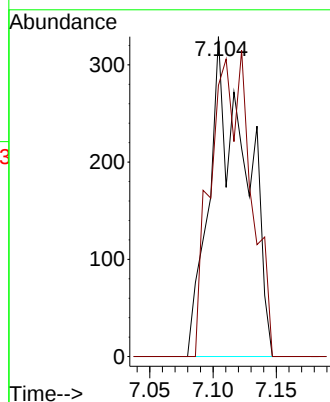
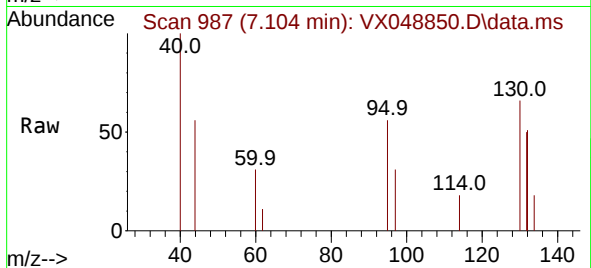




#44  
 Trichloroethene  
 Concen: 0.307 ug/l  
 RT: 7.104 min Scan# 91  
 Delta R.T. -0.006 min  
 Lab File: VX048850.D  
 Acq: 12 Dec 2025 13:31

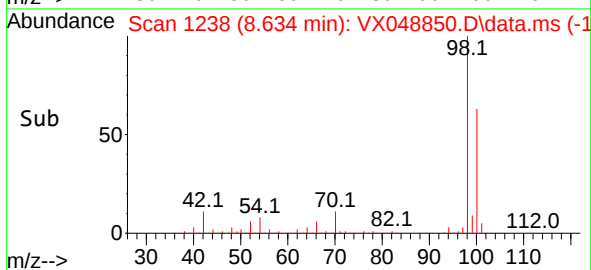
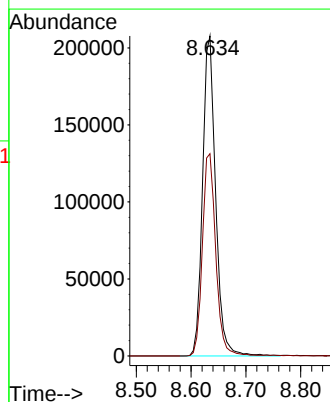
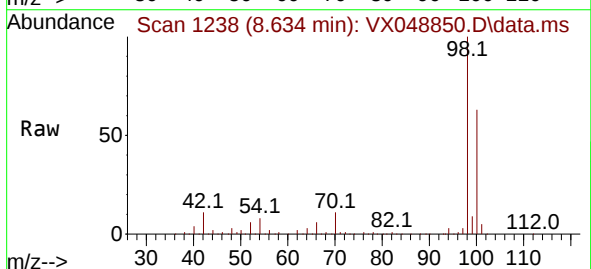
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BR-02-133-120925

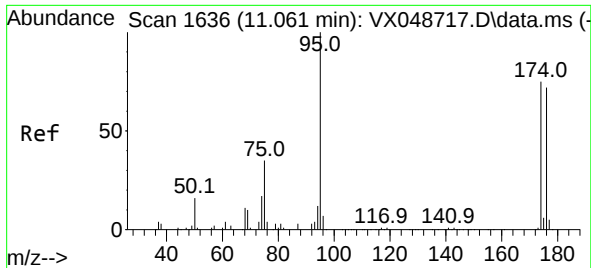
Tgt Ion:130 Resp: 664  
 Ion Ratio Lower Upper  
 130 100  
 95 84.8 0.0 189.6



#50  
 Toluene-d8  
 Concen: 47.876 ug/l  
 RT: 8.634 min Scan# 1238  
 Delta R.T. -0.000 min  
 Lab File: VX048850.D  
 Acq: 12 Dec 2025 13:31

Tgt Ion: 98 Resp: 342777  
 Ion Ratio Lower Upper  
 98 100  
 100 64.8 53.4 80.0

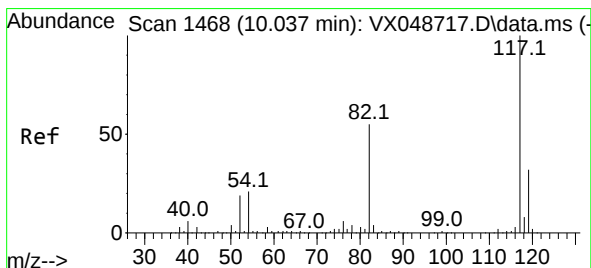
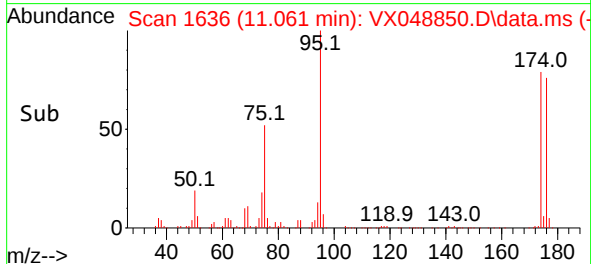
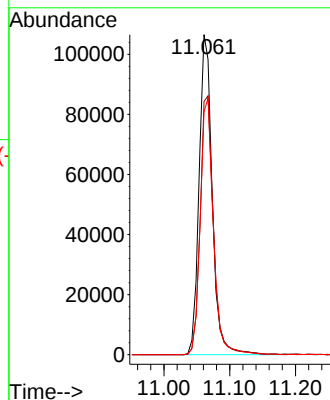
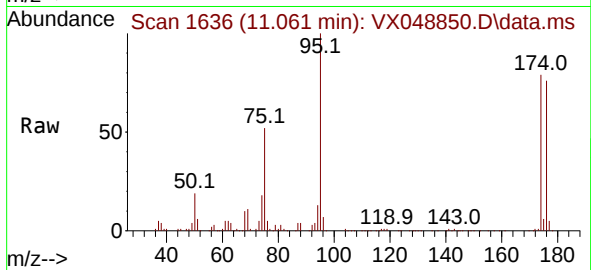




#62  
4-Bromofluorobenzene  
Concen: 59.911 ug/l  
RT: 11.061 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX048850.D  
Acq: 12 Dec 2025 13:31

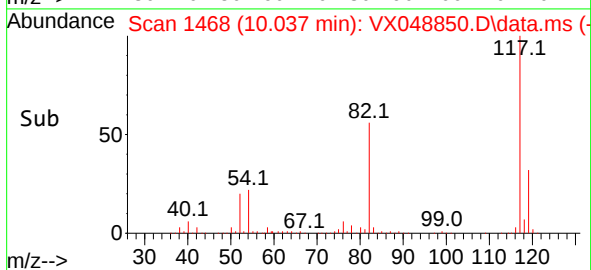
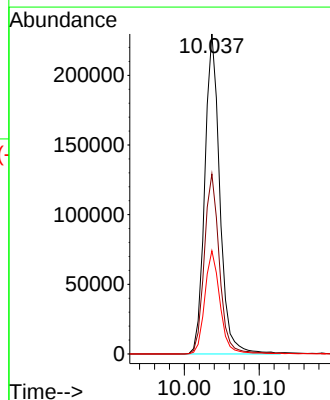
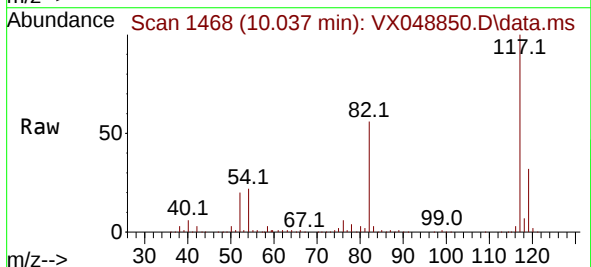
Instrument :  
MSVOA\_X  
ClientSampleId :  
BR-02-133-120925

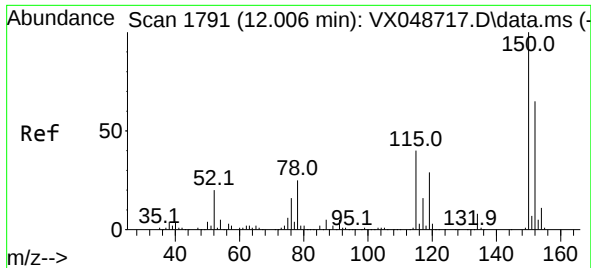
Tgt Ion: 95 Resp: 147914  
Ion Ratio Lower Upper  
95 100  
174 81.5 0.0 157.8  
176 80.2 0.0 154.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VX048850.D  
Acq: 12 Dec 2025 13:31

Tgt Ion: 117 Resp: 321216  
Ion Ratio Lower Upper  
117 100  
82 56.3 44.1 66.1  
119 32.2 25.2 37.8

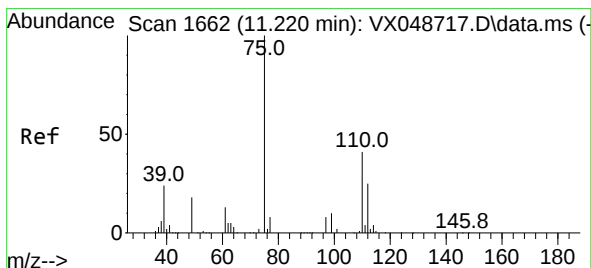
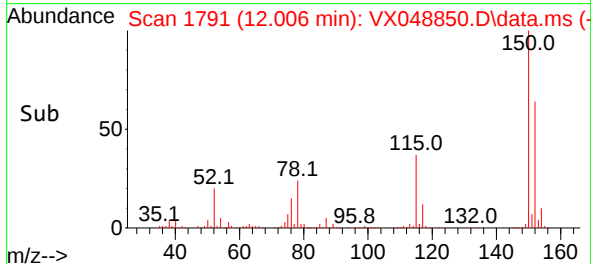
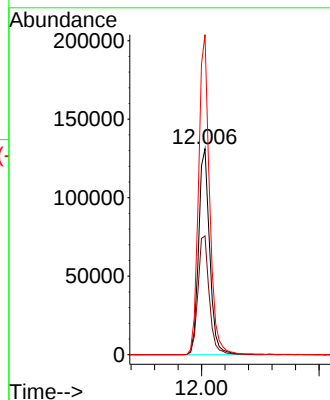
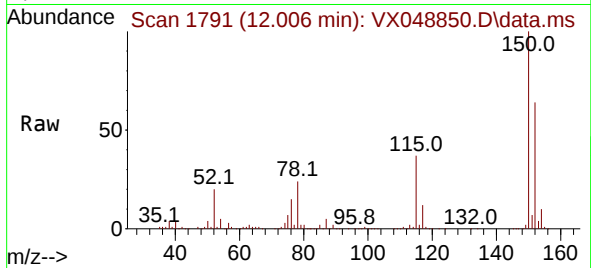




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.006 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX048850.D  
Acq: 12 Dec 2025 13:31

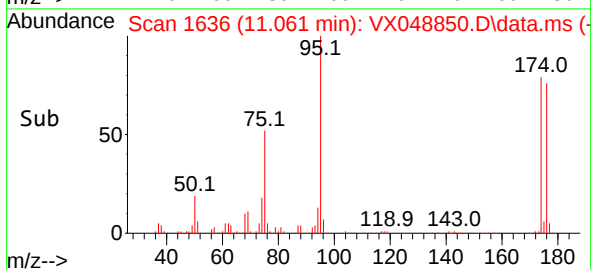
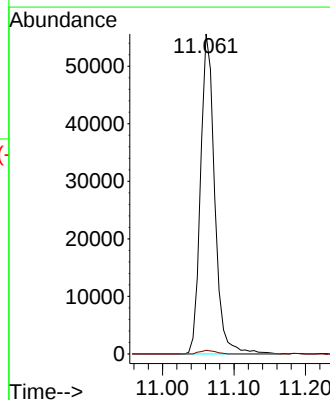
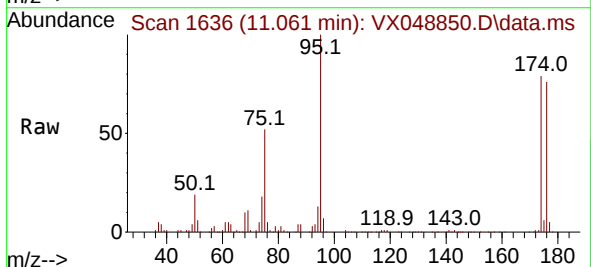
Instrument :  
MSVOA\_X  
ClientSampleId :  
BR-02-133-120925

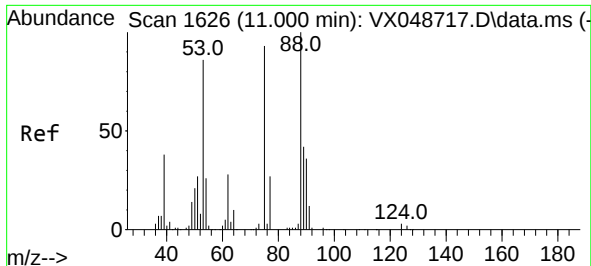
Tgt Ion:152 Resp: 171700  
Ion Ratio Lower Upper  
152 100  
115 59.0 42.1 126.4  
150 154.5 0.0 347.8



#76  
1,2,3-Trichloropropane  
Concen: 23.928 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. -0.159 min  
Lab File: VX048850.D  
Acq: 12 Dec 2025 13:31

Tgt Ion: 75 Resp: 76522  
Ion Ratio Lower Upper  
75 100  
77 1.3 24.3 73.0#

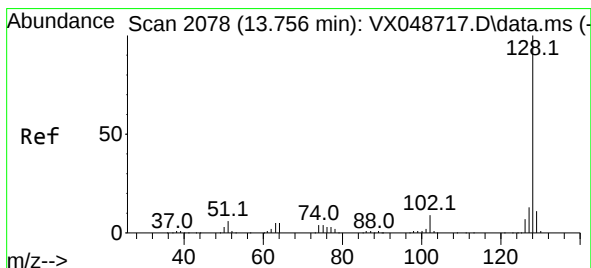
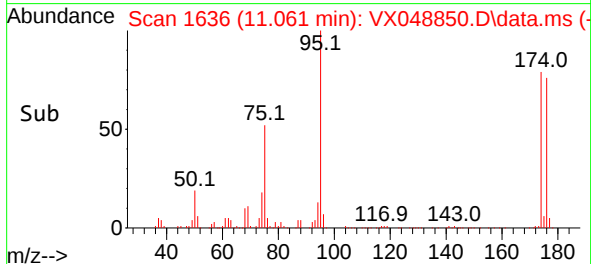
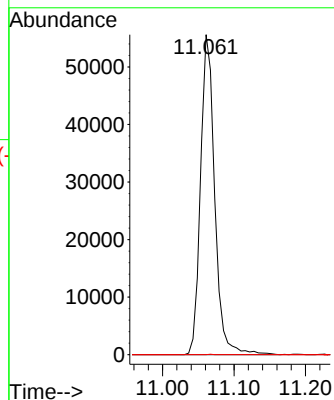
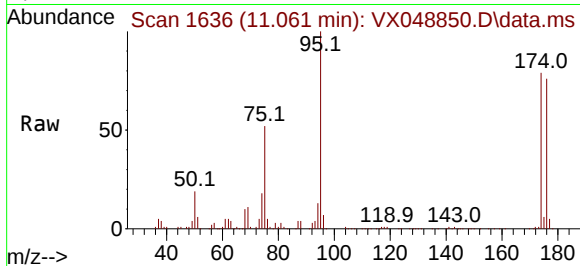




#81  
trans-1,4-Dichloro-2-butene  
Concen: 56.839 ug/l  
RT: 11.061 min Scan# 11  
Delta R.T. 0.061 min  
Lab File: VX048850.D  
Acq: 12 Dec 2025 13:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
BR-02-133-120925

Tgt Ion: 75 Resp: 76522  
Ion Ratio Lower Upper  
75 100  
53 0.0 79.9 119.9#  
89 0.0 67.1 100.7#



#95  
Naphthalene  
Concen: Below Cal  
RT: 13.768 min Scan# 2080  
Delta R.T. 0.012 min  
Lab File: VX048850.D  
Acq: 12 Dec 2025 13:31

Tgt Ion:128 Resp: 247  
Ion Ratio Lower Upper  
128 100  
127 0.0 10.2 15.2#  
129 0.0 8.6 13.0#

