

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100125\  
 Data File : VX047940.D  
 Acq On : 01 Oct 2025 15:09  
 Operator : JC/MD  
 Sample : Q3193-22  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE120D3-20250924

Quant Time: Oct 03 01:23:46 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

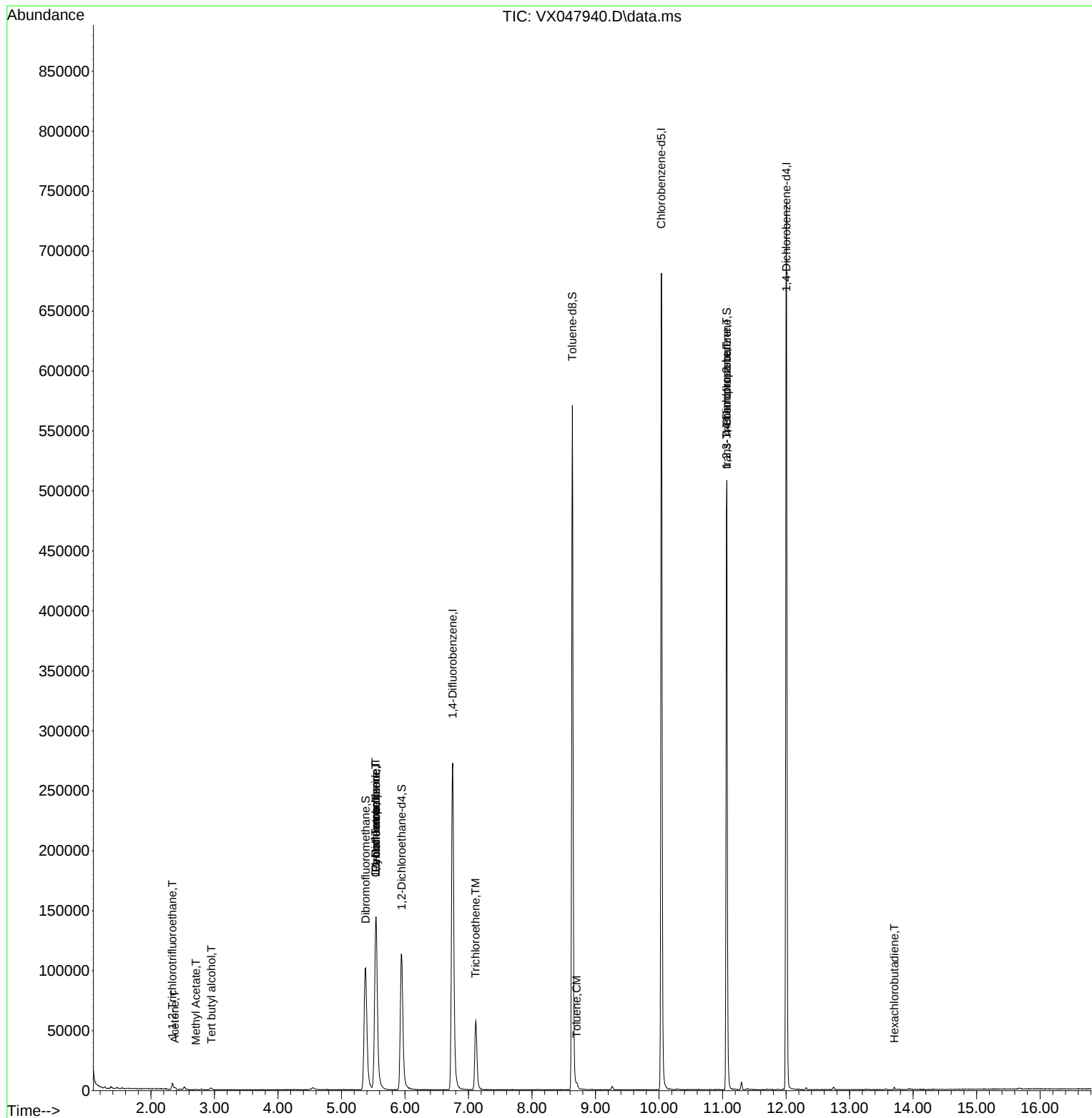
| Compound                      | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                         |           |       |          |          |            |          |
| Internal Standards            |           |       |          |          |            |          |
| 1) Pentafluorobenzene         | 5.544     | 168   | 142687   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.751     | 114   | 297599   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 10.037    | 117   | 311989   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.006    | 152   | 154786   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds   |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4     | 5.946     | 65    | 123800   | 54.508   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 78 - 117 | Recovery | = 109.020% |          |
| 35) Dibromofluoromethane      | 5.379     | 113   | 99951    | 50.079   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 75 - 124 | Recovery | = 100.160% |          |
| 50) Toluene-d8                | 8.634     | 98    | 337906   | 48.929   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 92 - 112 | Recovery | = 97.860%  |          |
| 62) 4-Bromofluorobenzene      | 11.067    | 95    | 148011   | 56.472   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 83 - 123 | Recovery | = 112.940% |          |
| Target Compounds              |           |       |          |          |            |          |
|                               |           |       |          |          | Qvalue     |          |
| 9) 1,1,2-Trichlorotrifluo...  | 2.337     | 101   | 2192     | 1.328    | ug/l       | 96       |
| 11) Tert butyl alcohol        | 2.953     | 59    | 787      | 3.111    | ug/l #     | 72       |
| 16) Acetone                   | 2.373     | 43    | 1916     | 1.940    | ug/l       | 90       |
| 18) Methyl Acetate            | 2.709     | 43    | 495      | 0.225    | ug/l #     | 54       |
| 31) Cyclohexane               | 5.544     | 56    | 2948     | 0.982    | ug/l #     | 13       |
| 36) 1,1-Dichloropropene       | 5.537     | 75    | 12232    | 4.194    | ug/l #     | 51       |
| 38) Carbon Tetrachloride      | 5.537     | 117   | 15295    | 4.827    | ug/l #     | 18       |
| 44) Trichloroethene           | 7.110     | 130   | 24958    | 11.654   | ug/l       | 99       |
| 52) Toluene                   | 8.702     | 92    | 1421     | 0.260    | ug/l       | 97       |
| 76) 1,2,3-Trichloropropane    | 11.061    | 75    | 76725    | 24.482   | ug/l #     | 39       |
| 81) trans-1,4-Dichloro-2-b... | 11.061    | 75    | 76725    | 62.433   | ug/l #     | 8        |
| 94) Hexachlorobutadiene       | 13.707    | 225   | 323      | 0.285    | ug/l       | 90       |
| -----                         |           |       |          |          |            |          |

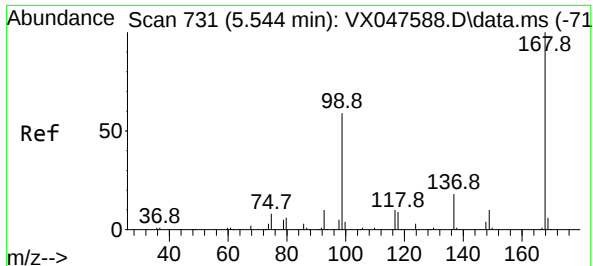
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100125\  
Data File : VX047940.D  
Acq On : 01 Oct 2025 15:09  
Operator : JC/MD  
Sample : Q3193-22  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE120D3-20250924

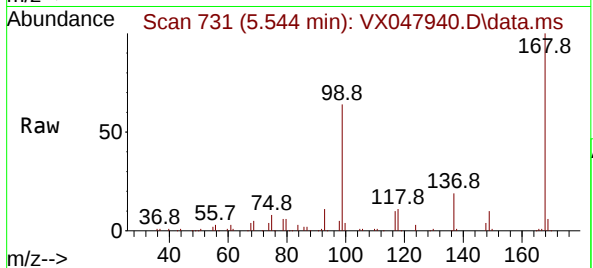
Quant Time: Oct 03 01:23:46 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 17 06:39:58 2025  
Response via : Initial Calibration



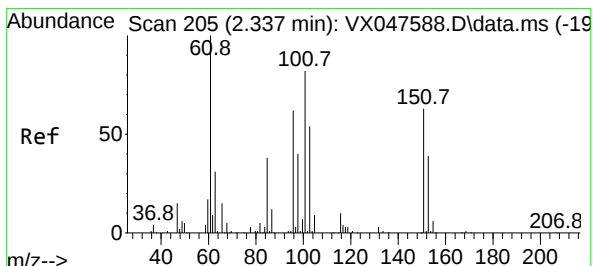
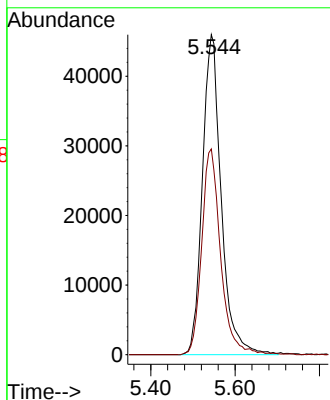
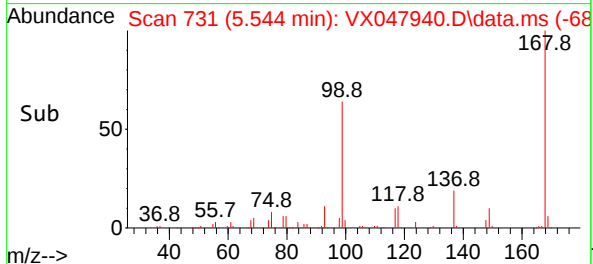


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX047940.D  
Acq: 01 Oct 2025 15:09

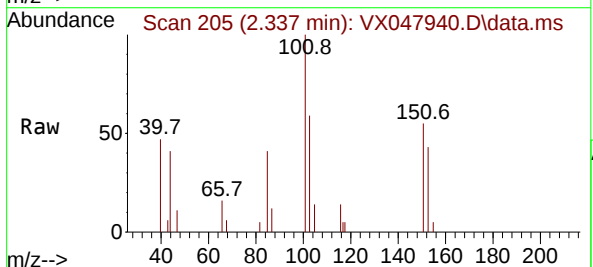
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE120D3-20250924



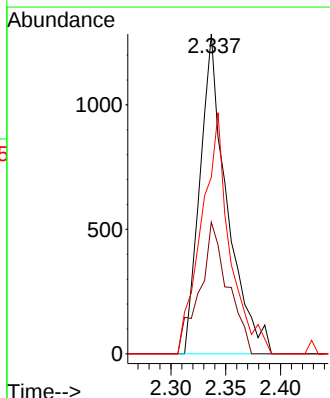
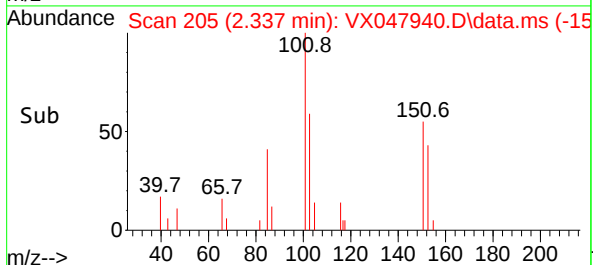
Tgt Ion:168 Resp: 142687  
Ion Ratio Lower Upper  
168 100  
99 64.3 48.8 73.2

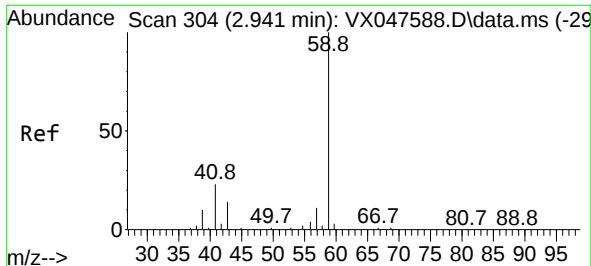


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 1.328 ug/l  
RT: 2.337 min Scan# 205  
Delta R.T. -0.000 min  
Lab File: VX047940.D  
Acq: 01 Oct 2025 15:09



Tgt Ion:101 Resp: 2192  
Ion Ratio Lower Upper  
101 100  
85 43.4 35.5 53.3  
151 79.3 59.4 89.0

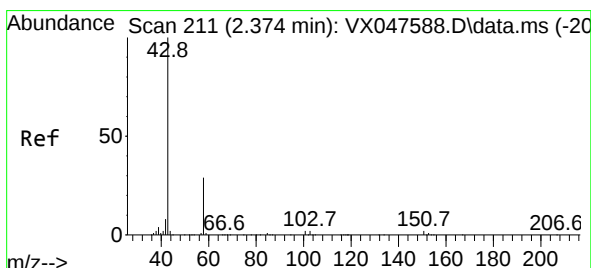
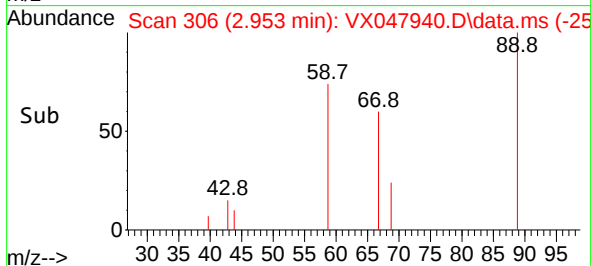
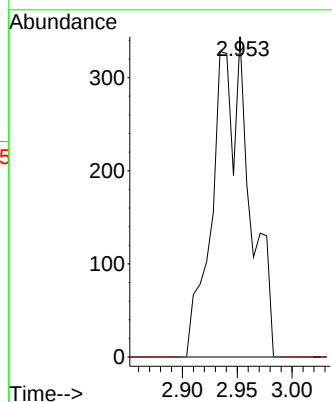
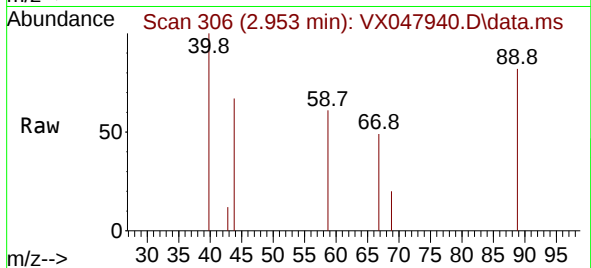




#11  
Tert butyl alcohol  
Concen: 3.111 ug/l  
RT: 2.953 min Scan# 304  
Delta R.T. 0.012 min  
Lab File: VX047940.D  
Acq: 01 Oct 2025 15:09

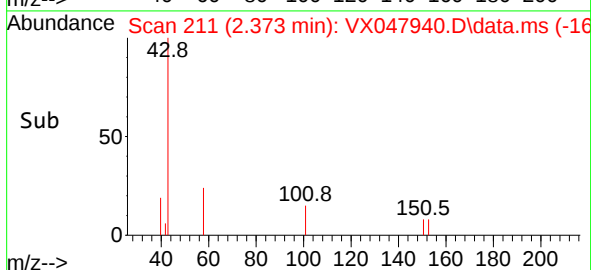
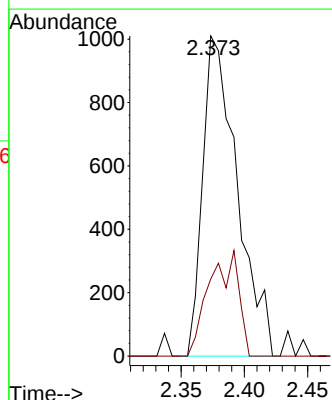
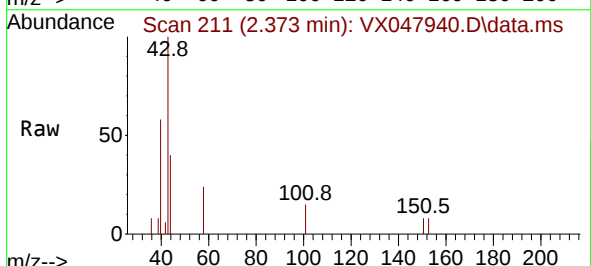
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE120D3-20250924

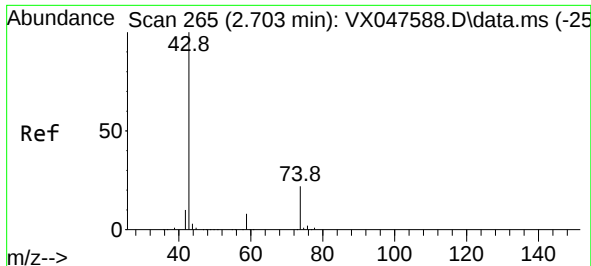
Tgt Ion: 59 Resp: 787  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#



#16  
Acetone  
Concen: 1.940 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VX047940.D  
Acq: 01 Oct 2025 15:09

Tgt Ion: 43 Resp: 1916  
Ion Ratio Lower Upper  
43 100  
58 24.1 23.4 35.0

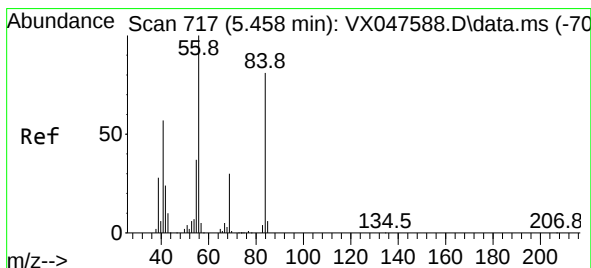
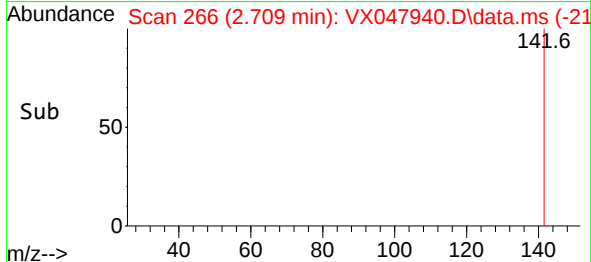
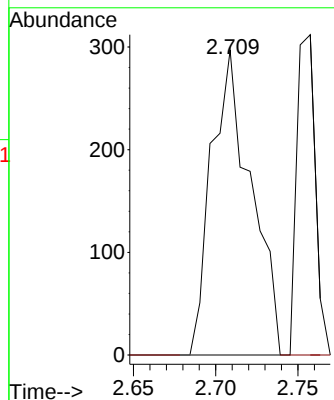
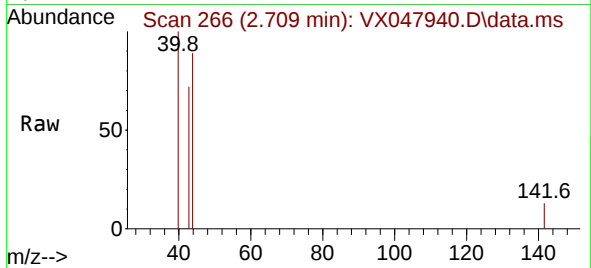




#18  
Methyl Acetate  
Concen: 0.225 ug/l  
RT: 2.709 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: VX047940.D  
Acq: 01 Oct 2025 15:09

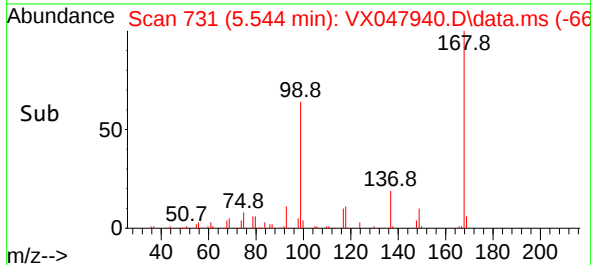
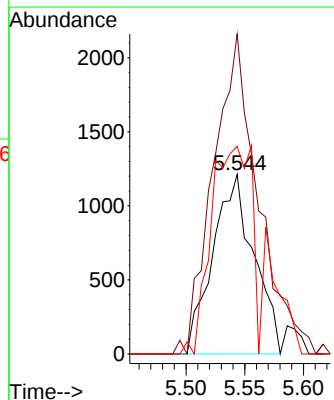
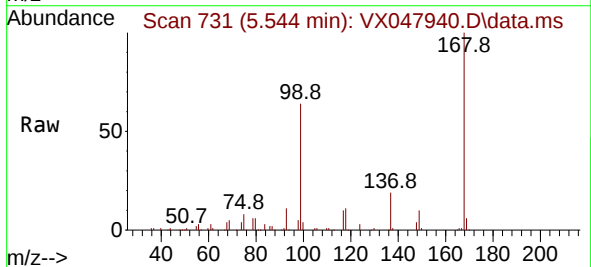
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE120D3-20250924

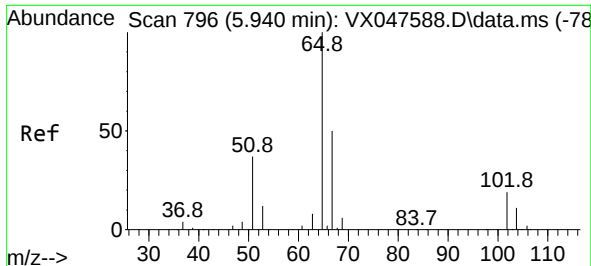
Tgt Ion: 43 Resp: 495  
Ion Ratio Lower Upper  
43 100  
74 0.0 17.4 26.2#



#31  
Cyclohexane  
Concen: 0.982 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. 0.085 min  
Lab File: VX047940.D  
Acq: 01 Oct 2025 15:09

Tgt Ion: 56 Resp: 2948  
Ion Ratio Lower Upper  
56 100  
69 159.3 23.8 35.8#  
84 107.9 64.6 97.0#

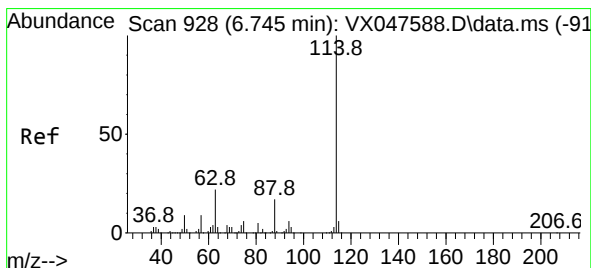
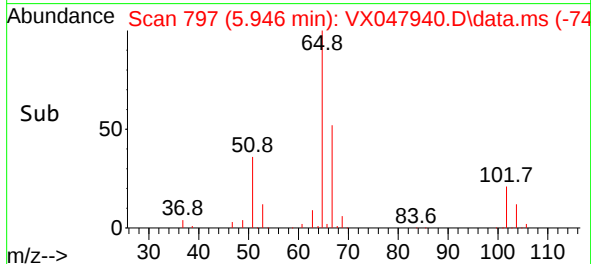
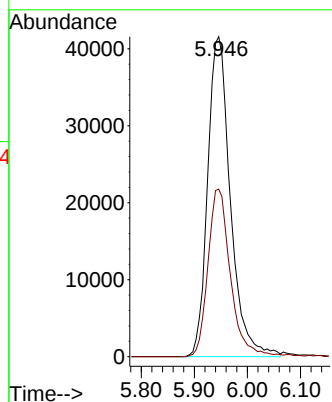
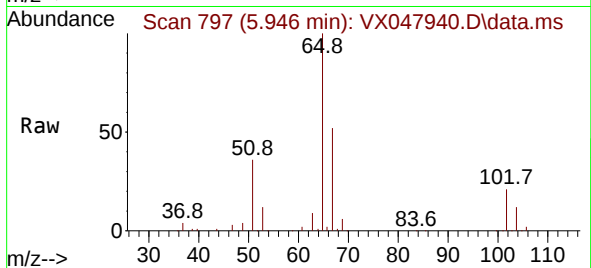




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.508 ug/l  
 RT: 5.946 min Scan# 796  
 Delta R.T. 0.006 min  
 Lab File: VX047940.D  
 Acq: 01 Oct 2025 15:09

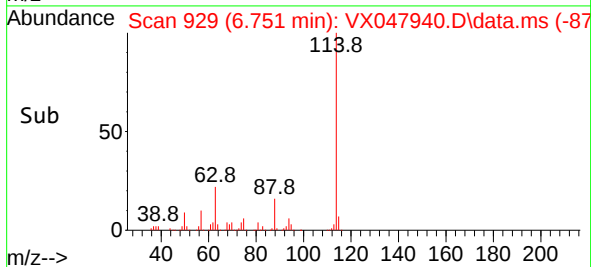
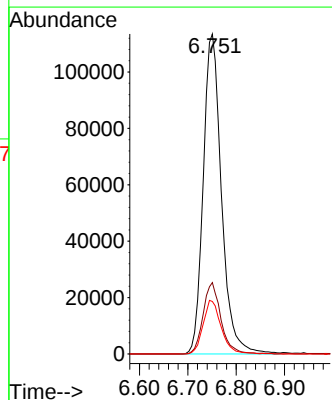
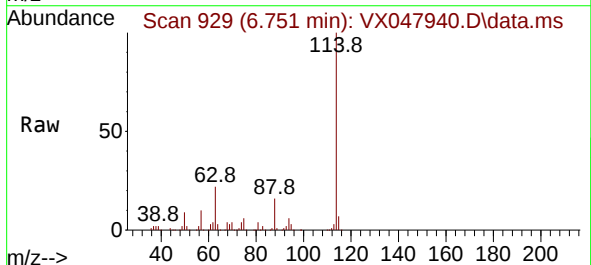
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 RE120D3-20250924

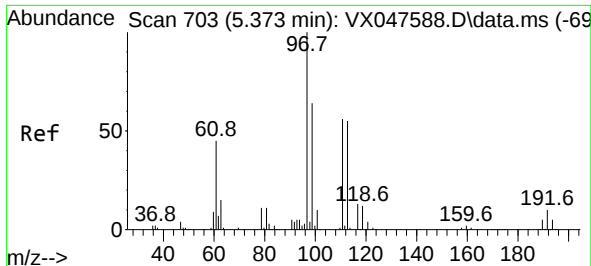
Tgt Ion: 65 Resp: 123800  
 Ion Ratio Lower Upper  
 65 100  
 67 51.7 0.0 103.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.751 min Scan# 929  
 Delta R.T. 0.006 min  
 Lab File: VX047940.D  
 Acq: 01 Oct 2025 15:09

Tgt Ion: 114 Resp: 297599  
 Ion Ratio Lower Upper  
 114 100  
 63 22.3 0.0 44.0  
 88 16.4 0.0 34.2

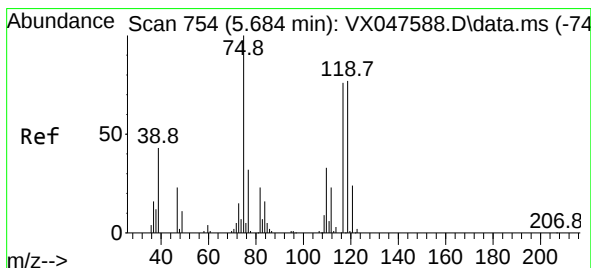
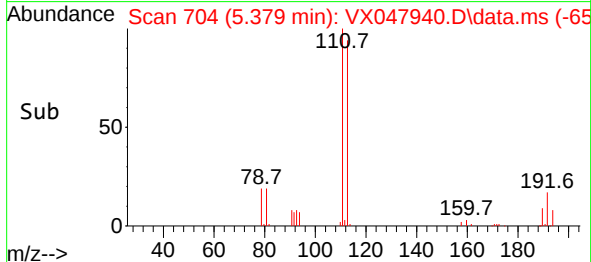
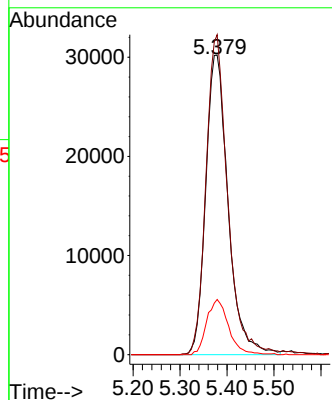
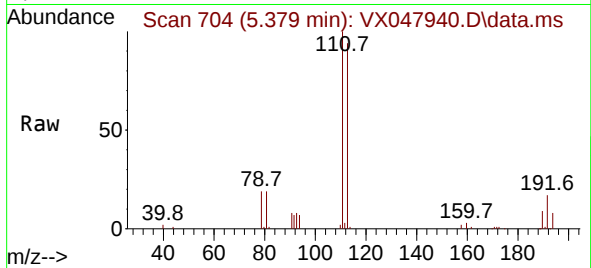




#35  
Dibromofluoromethane  
Concen: 50.079 ug/l  
RT: 5.379 min Scan# 703  
Delta R.T. 0.006 min  
Lab File: VX047940.D  
Acq: 01 Oct 2025 15:09

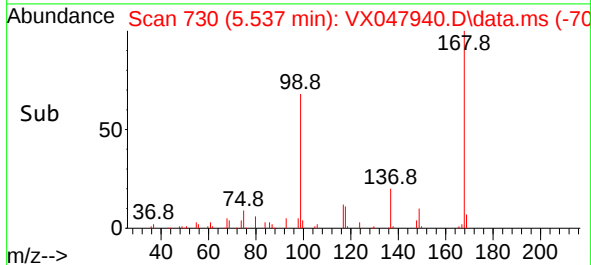
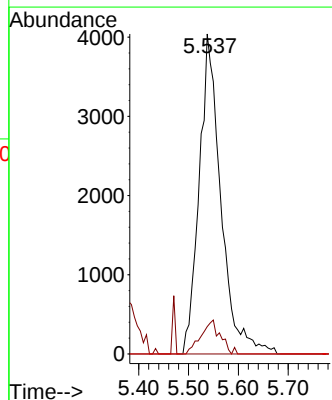
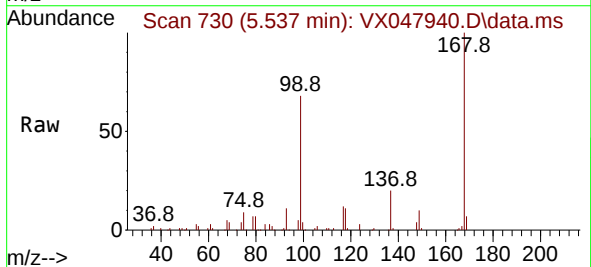
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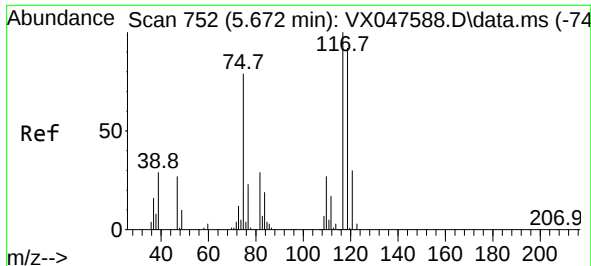
Tgt Ion:113 Resp: 99951  
Ion Ratio Lower Upper  
113 100  
111 103.1 80.9 121.3  
192 18.0 14.2 21.4



#36  
1,1-Dichloropropene  
Concen: 4.194 ug/l  
RT: 5.537 min Scan# 730  
Delta R.T. -0.147 min  
Lab File: VX047940.D  
Acq: 01 Oct 2025 15:09

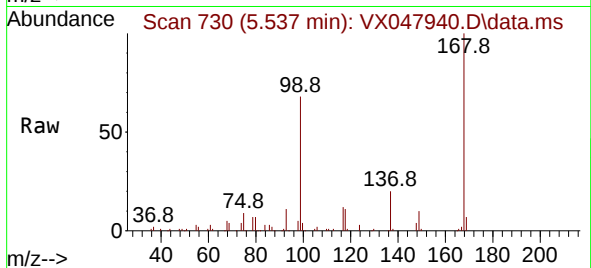
Tgt Ion: 75 Resp: 12232  
Ion Ratio Lower Upper  
75 100  
110 9.2 16.7 50.1#  
77 0.0 24.3 36.5#



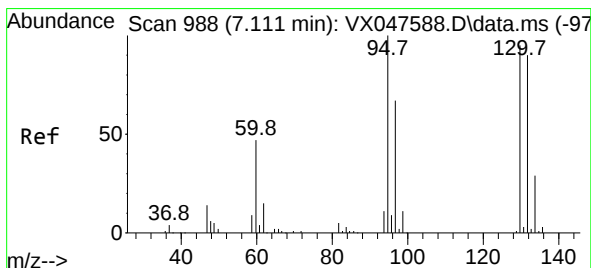
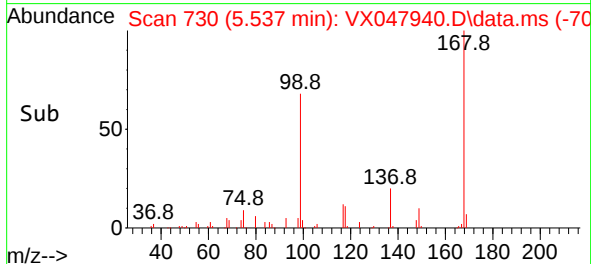
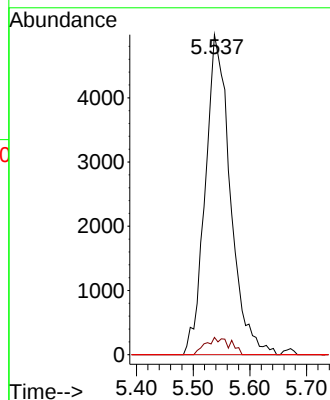


#38  
Carbon Tetrachloride  
Concen: 4.827 ug/l  
RT: 5.537 min Scan# 71  
Delta R.T. -0.134 min  
Lab File: VX047940.D  
Acq: 01 Oct 2025 15:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE120D3-20250924

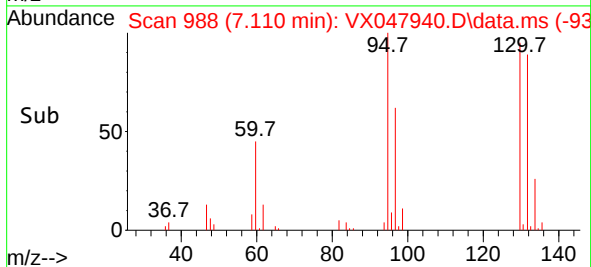
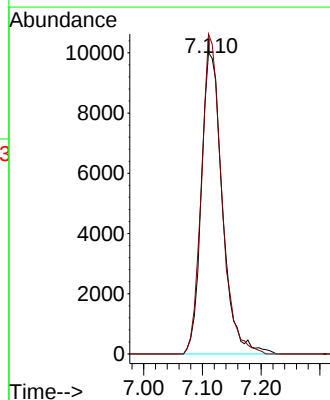
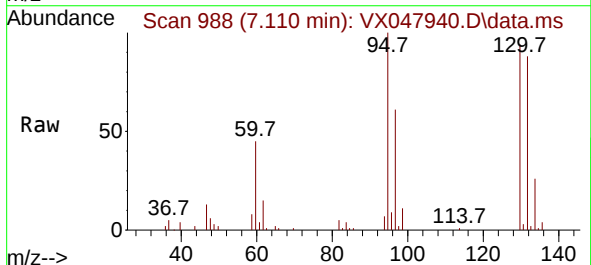


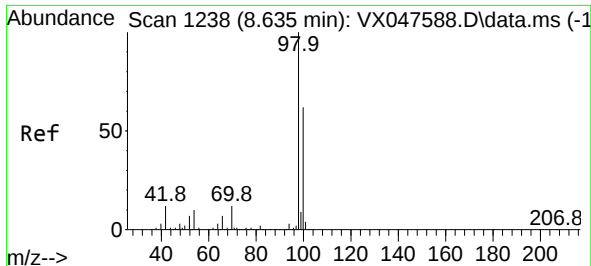
Tgt Ion:117 Resp: 15295  
Ion Ratio Lower Upper  
117 100  
119 5.4 73.4 110.2#  
121 0.0 23.8 35.6#



#44  
Trichloroethene  
Concen: 11.654 ug/l  
RT: 7.110 min Scan# 988  
Delta R.T. -0.000 min  
Lab File: VX047940.D  
Acq: 01 Oct 2025 15:09

Tgt Ion:130 Resp: 24958  
Ion Ratio Lower Upper  
130 100  
95 106.1 0.0 210.8

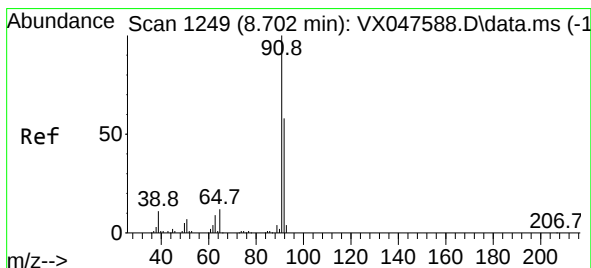
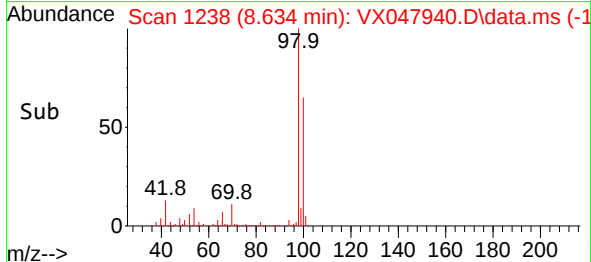
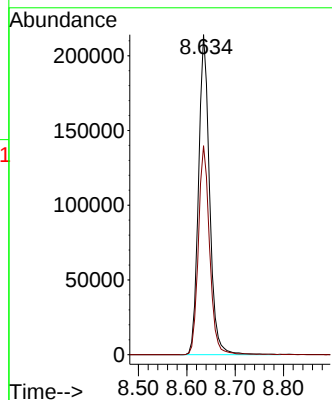
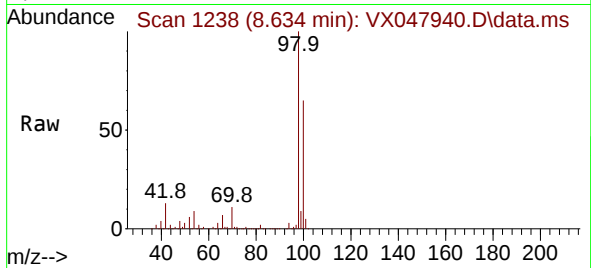




#50  
Toluene-d8  
Concen: 48.929 ug/l  
RT: 8.634 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX047940.D  
Acq: 01 Oct 2025 15:09

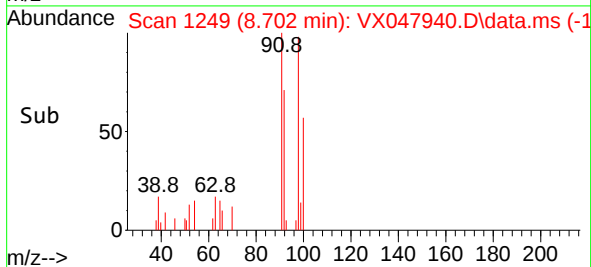
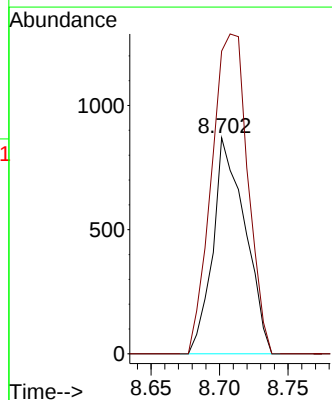
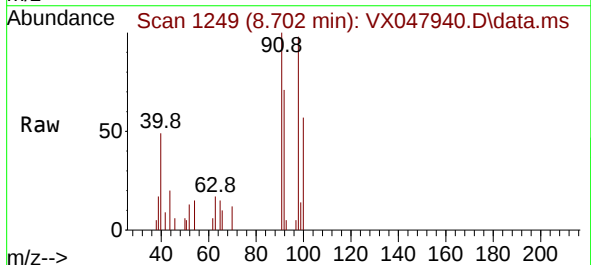
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE120D3-20250924

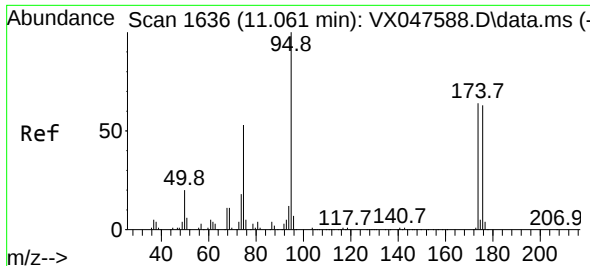
Tgt Ion: 98 Resp: 337906  
Ion Ratio Lower Upper  
98 100  
100 66.5 53.0 79.4



#52  
Toluene  
Concen: 0.260 ug/l  
RT: 8.702 min Scan# 1249  
Delta R.T. -0.000 min  
Lab File: VX047940.D  
Acq: 01 Oct 2025 15:09

Tgt Ion: 92 Resp: 1421  
Ion Ratio Lower Upper  
92 100  
91 166.9 137.1 205.7

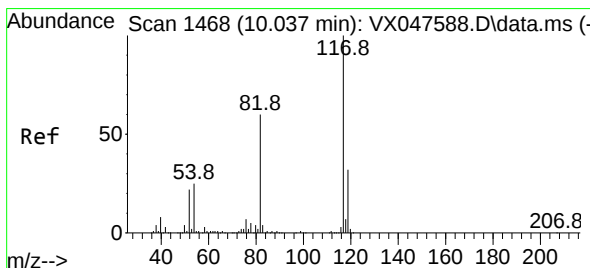
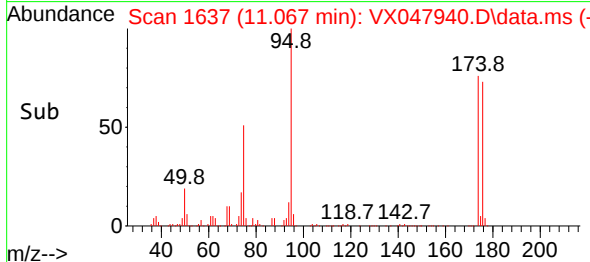
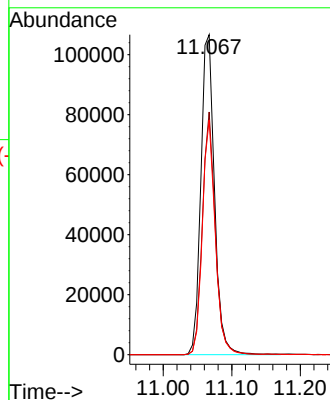
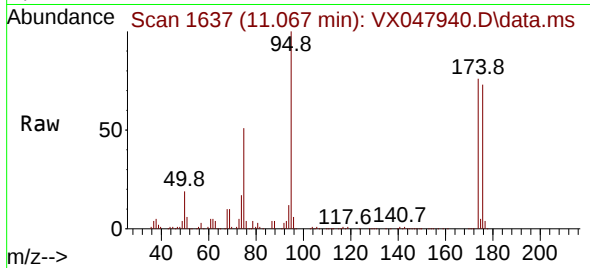




#62  
4-Bromofluorobenzene  
Concen: 56.472 ug/l  
RT: 11.067 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VX047940.D  
Acq: 01 Oct 2025 15:09

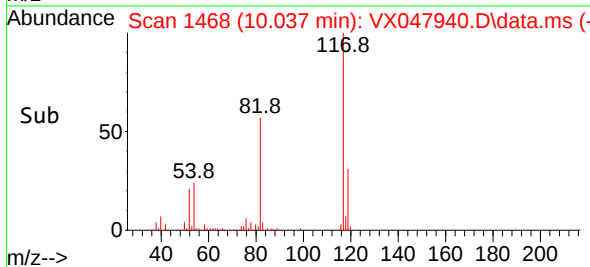
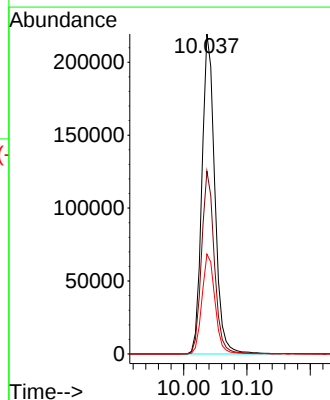
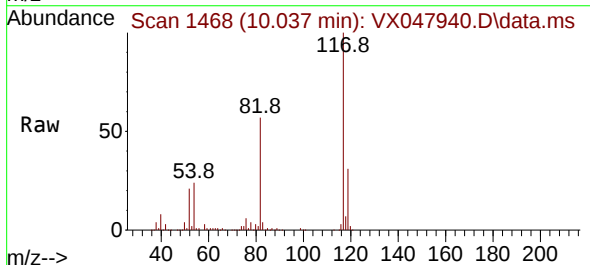
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE120D3-20250924

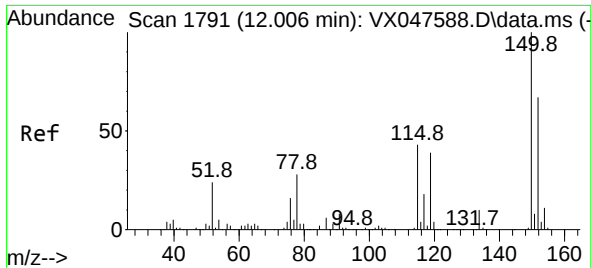
Tgt Ion: 95 Resp: 148011  
Ion Ratio Lower Upper  
95 100  
174 71.9 0.0 141.6  
176 69.3 0.0 138.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VX047940.D  
Acq: 01 Oct 2025 15:09

Tgt Ion: 117 Resp: 311989  
Ion Ratio Lower Upper  
117 100  
82 57.1 47.8 71.6  
119 31.2 25.2 37.8

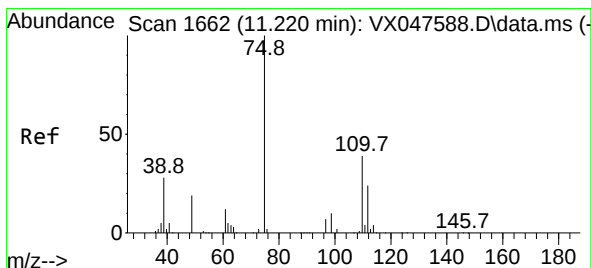
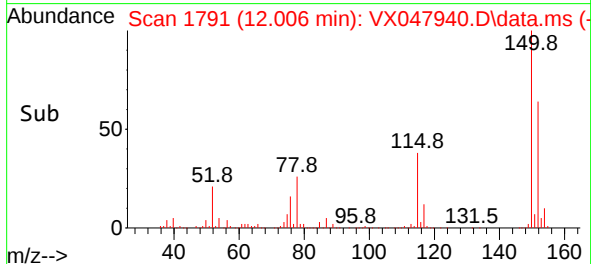
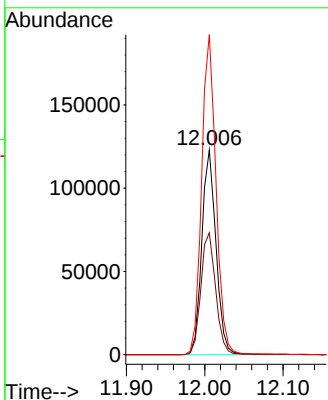
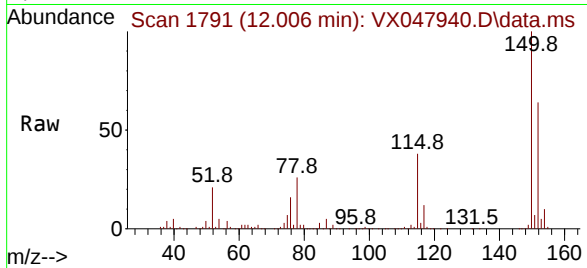




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.006 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX047940.D  
Acq: 01 Oct 2025 15:09

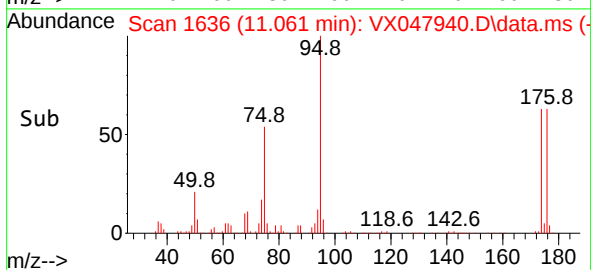
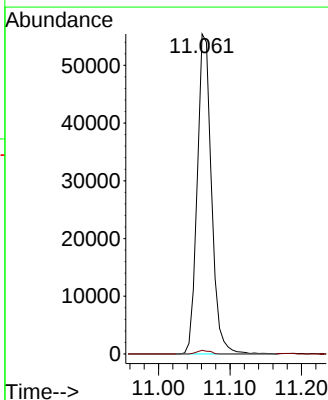
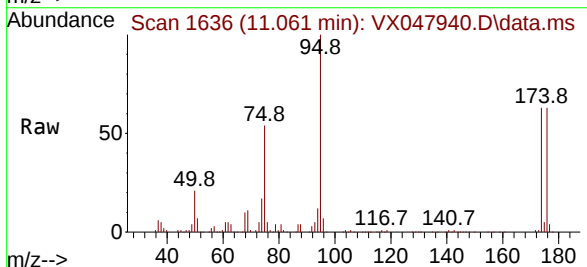
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE120D3-20250924

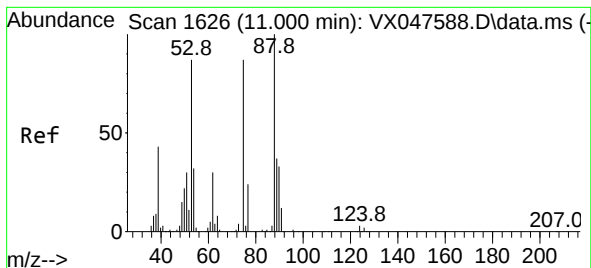
Tgt Ion:152 Resp: 154786  
Ion Ratio Lower Upper  
152 100  
115 62.2 44.9 134.5  
150 157.9 0.0 352.0



#76  
1,2,3-Trichloropropane  
Concen: 24.482 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. -0.159 min  
Lab File: VX047940.D  
Acq: 01 Oct 2025 15:09

Tgt Ion: 75 Resp: 76725  
Ion Ratio Lower Upper  
75 100  
77 1.0 18.8 56.4#

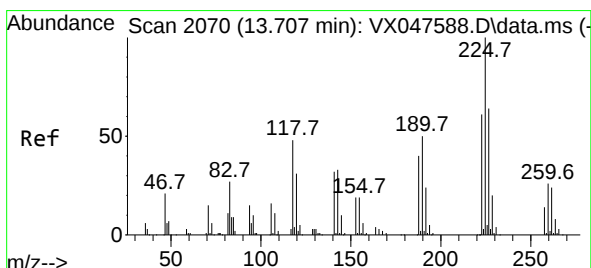
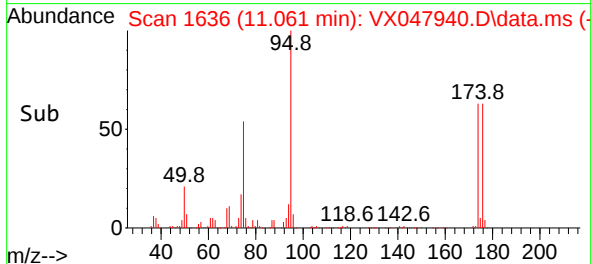
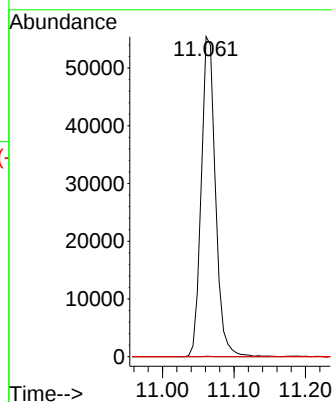
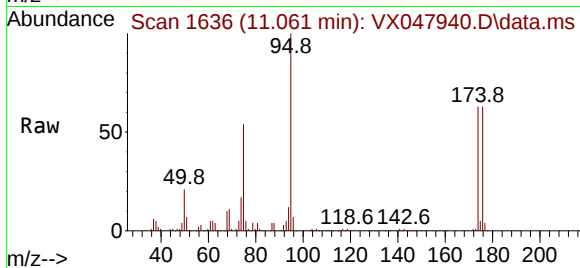




#81  
trans-1,4-Dichloro-2-butene  
Concen: 62.433 ug/l  
RT: 11.061 min Scan# 1  
Delta R.T. 0.061 min  
Lab File: VX047940.D  
Acq: 01 Oct 2025 15:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE120D3-20250924

Tgt Ion: 75 Resp: 76725  
Ion Ratio Lower Upper  
75 100  
53 0.1 83.4 125.2#  
89 0.0 36.3 54.5#



#94  
Hexachlorobutadiene  
Concen: 0.285 ug/l  
RT: 13.707 min Scan# 2070  
Delta R.T. -0.000 min  
Lab File: VX047940.D  
Acq: 01 Oct 2025 15:09

Tgt Ion: 225 Resp: 323  
Ion Ratio Lower Upper  
225 100  
223 57.3 31.7 95.1  
227 53.9 32.0 96.0

