

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092525\  
 Data File : VX047807.D  
 Acq On : 25 Sep 2025 13:31  
 Operator : JC/MD  
 Sample : Q3127-04DL 5X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DUP07-20250915DL

Quant Time: Sep 26 01:27:26 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

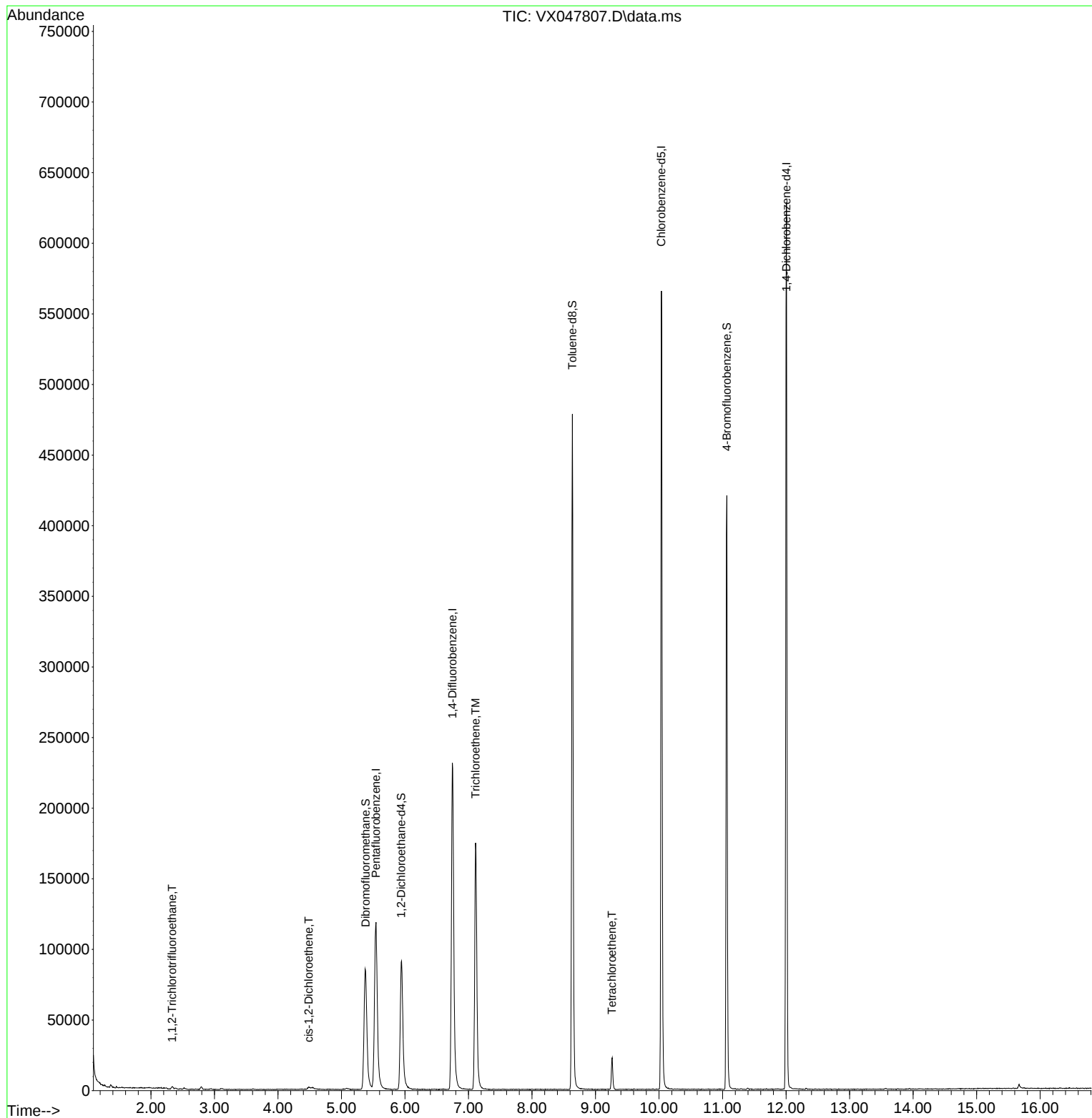
| Compound                     | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------|----------|
| -----                        |        |       |          |          |       |          |
| Internal Standards           |        |       |          |          |       |          |
| 1) Pentafluorobenzene        | 5.544  | 168   | 121002   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.745  | 114   | 255503   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.037 | 117   | 261171   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.006 | 152   | 129528   | 50.000   | ug/l  | 0.00     |
|                              |        |       |          |          |       |          |
| System Monitoring Compounds  |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.940  | 65    | 98044    | 50.904   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =     | 101.800% |
| 35) Dibromofluoromethane     | 5.379  | 113   | 83769    | 48.886   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =     | 97.780%  |
| 50) Toluene-d8               | 8.634  | 98    | 290222   | 48.948   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =     | 97.900%  |
| 62) 4-Bromofluorobenzene     | 11.067 | 95    | 121188   | 53.856   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =     | 107.720% |
|                              |        |       |          |          |       |          |
| Target Compounds             |        |       |          |          |       |          |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 760      | 0.543    | ug/l  | 96       |
| 27) cis-1,2-Dichloroethene   | 4.483  | 96    | 1119     | 0.590    | ug/l  | 90       |
| 44) Trichloroethene          | 7.110  | 130   | 74427    | 40.480   | ug/l  | 96       |
| 64) Tetrachloroethene        | 9.256  | 164   | 4448     | 2.613    | ug/l  | 84       |
| -----                        |        |       |          |          |       |          |

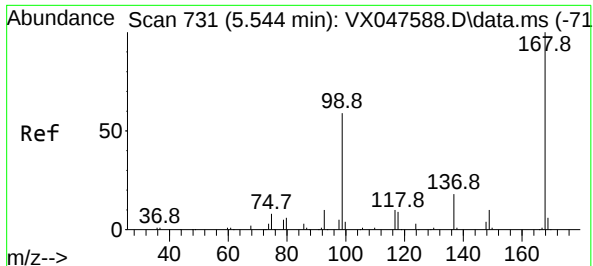
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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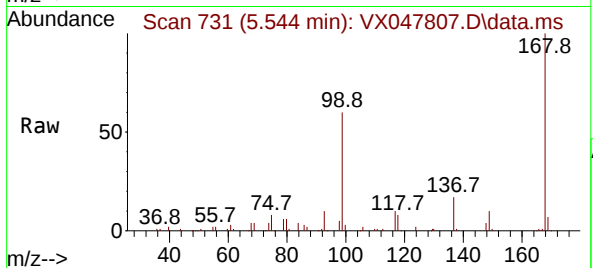
Quant Time: Sep 26 01:27:26 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
Quant Title : SW846 8260  
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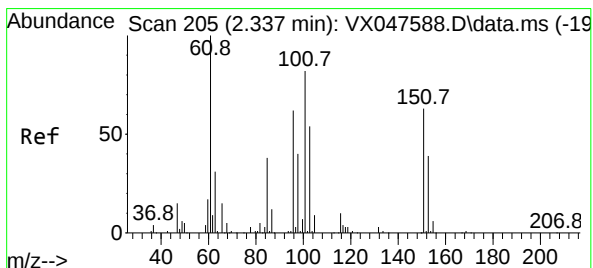
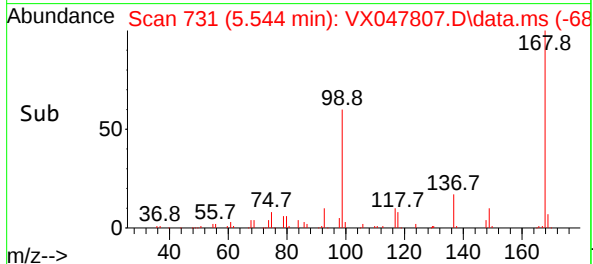
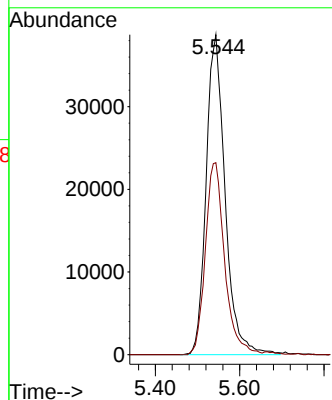


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX047807.D  
Acq: 25 Sep 2025 13:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
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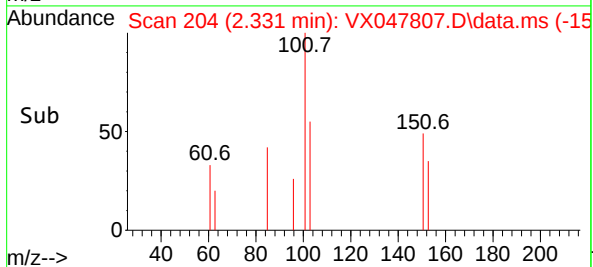
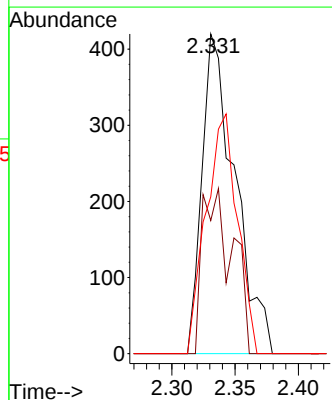
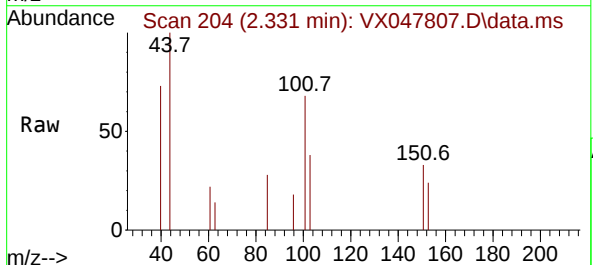


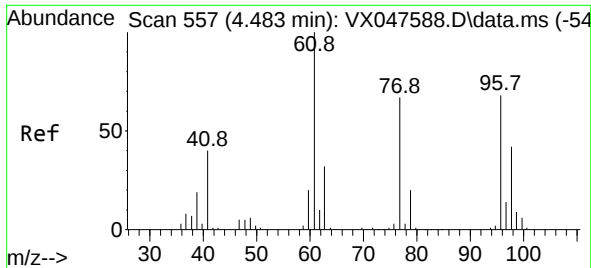
Tgt Ion:168 Resp: 121002  
Ion Ratio Lower Upper  
168 100  
99 60.0 48.8 73.2



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.543 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.006 min  
Lab File: VX047807.D  
Acq: 25 Sep 2025 13:31

Tgt Ion:101 Resp: 760  
Ion Ratio Lower Upper  
101 100  
85 47.6 35.5 53.3  
151 71.6 59.4 89.0

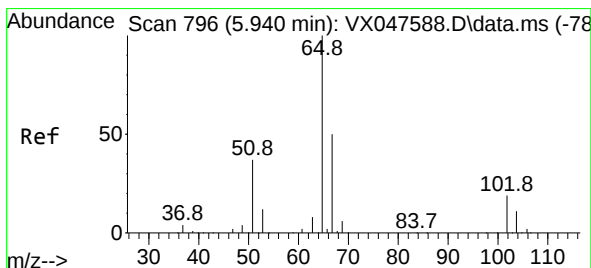
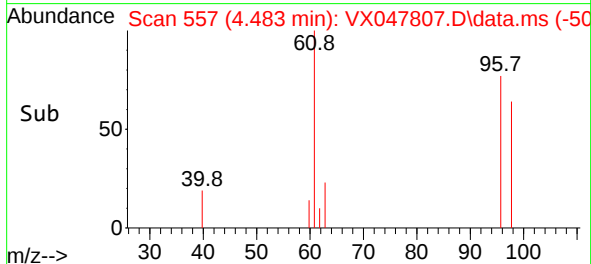
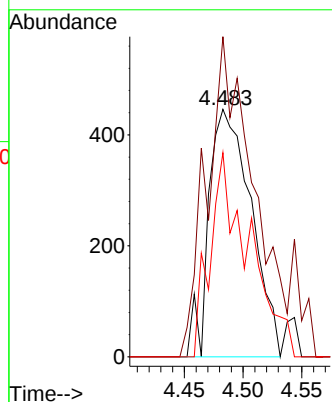
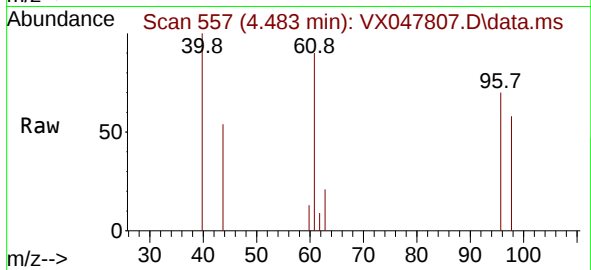




#27  
 cis-1,2-Dichloroethene  
 Concen: 0.590 ug/l  
 RT: 4.483 min Scan# 511  
 Delta R.T. -0.000 min  
 Lab File: VX047807.D  
 Acq: 25 Sep 2025 13:31

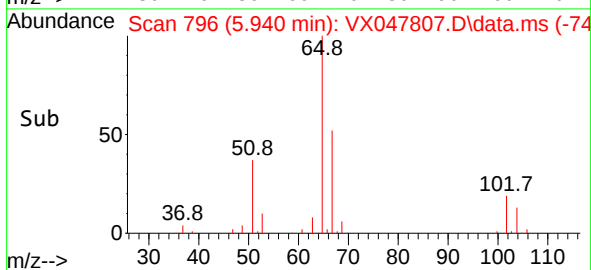
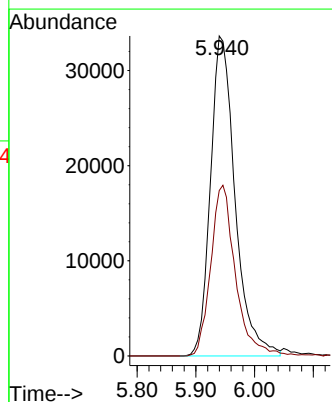
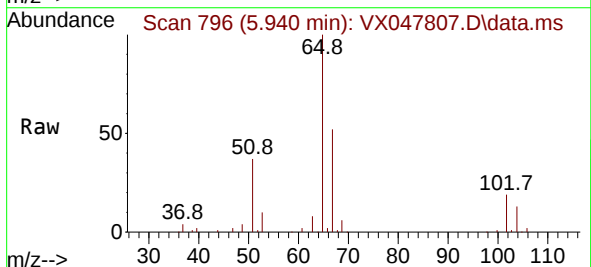
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DUP07-20250915DL

Tgt Ion: 96 Resp: 1119  
 Ion Ratio Lower Upper  
 96 100  
 61 141.6 0.0 303.2  
 98 76.5 0.0 127.8



#33  
 1,2-Dichloroethane-d4  
 Concen: 50.904 ug/l  
 RT: 5.940 min Scan# 796  
 Delta R.T. -0.000 min  
 Lab File: VX047807.D  
 Acq: 25 Sep 2025 13:31

Tgt Ion: 65 Resp: 98044  
 Ion Ratio Lower Upper  
 65 100  
 67 53.8 0.0 103.0

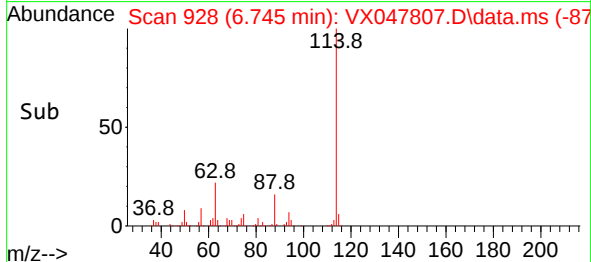
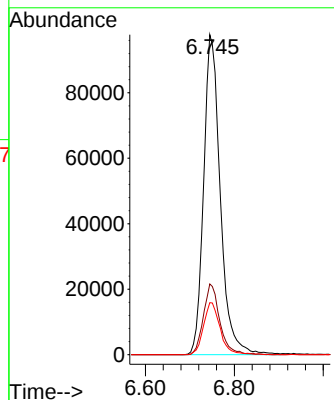
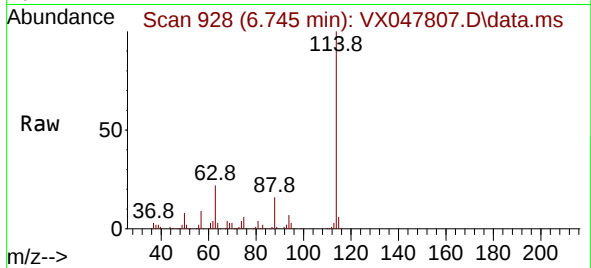




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.745 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX047807.D  
Acq: 25 Sep 2025 13:31

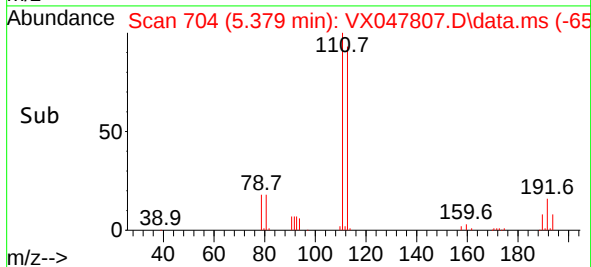
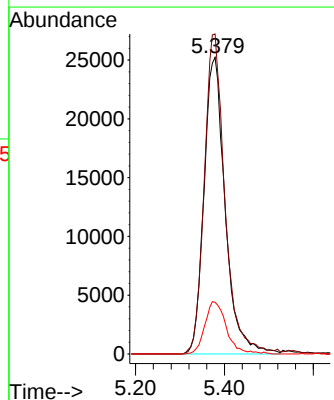
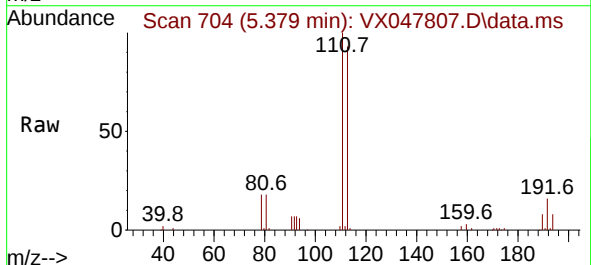
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP07-20250915DL

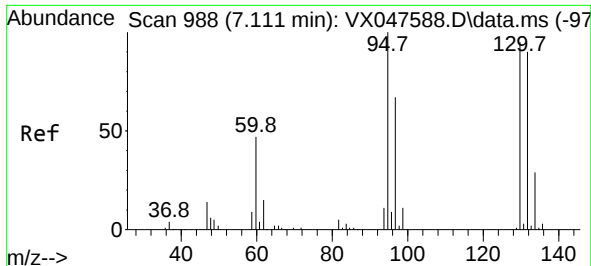
Tgt Ion:114 Resp: 255503  
Ion Ratio Lower Upper  
114 100  
63 22.1 0.0 44.0  
88 16.3 0.0 34.2



#35  
Dibromofluoromethane  
Concen: 48.886 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX047807.D  
Acq: 25 Sep 2025 13:31

Tgt Ion:113 Resp: 83769  
Ion Ratio Lower Upper  
113 100  
111 104.4 80.9 121.3  
192 17.8 14.2 21.4

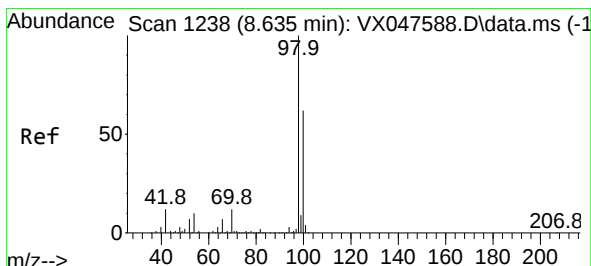
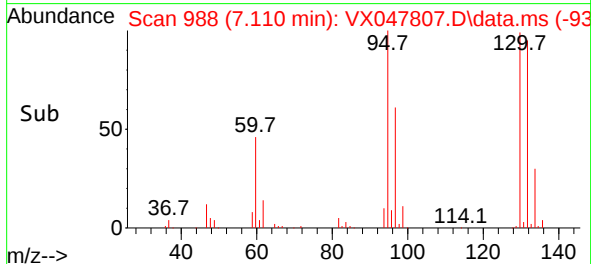
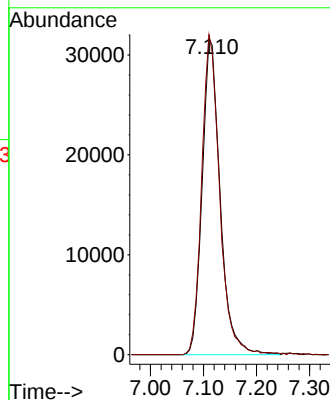
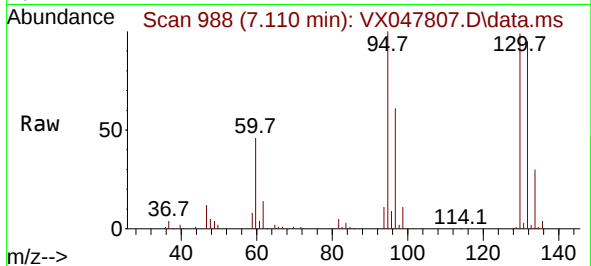




#44  
Trichloroethene  
Concen: 40.480 ug/l  
RT: 7.110 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX047807.D  
Acq: 25 Sep 2025 13:31

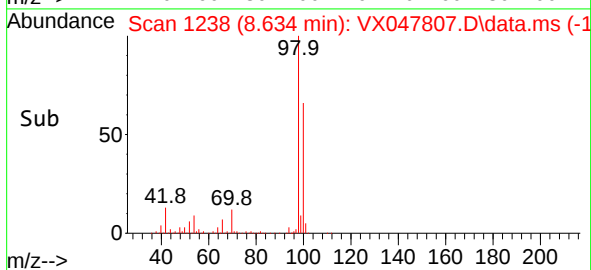
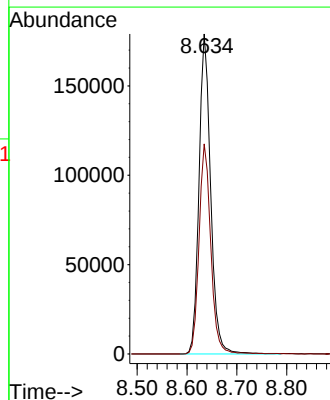
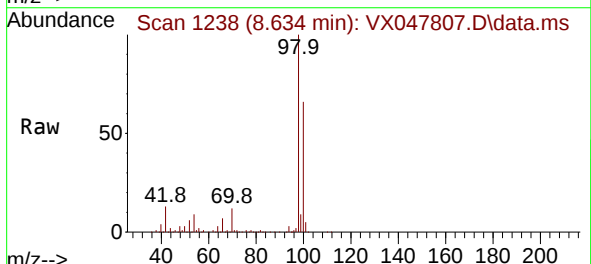
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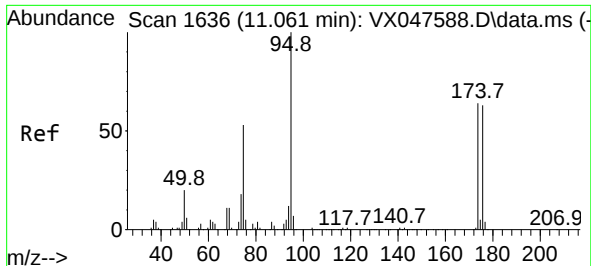
Tgt Ion:130 Resp: 74427  
Ion Ratio Lower Upper  
130 100  
95 101.2 0.0 210.8



#50  
Toluene-d8  
Concen: 48.948 ug/l  
RT: 8.634 min Scan# 1238  
Delta R.T. -0.000 min  
Lab File: VX047807.D  
Acq: 25 Sep 2025 13:31

Tgt Ion: 98 Resp: 290222  
Ion Ratio Lower Upper  
98 100  
100 66.3 53.0 79.4

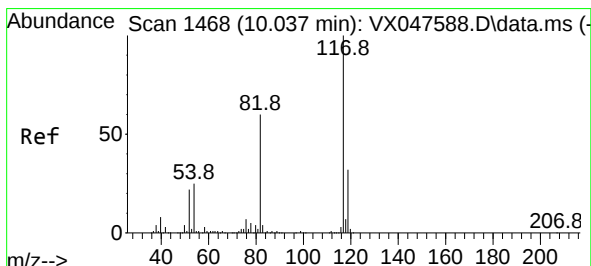
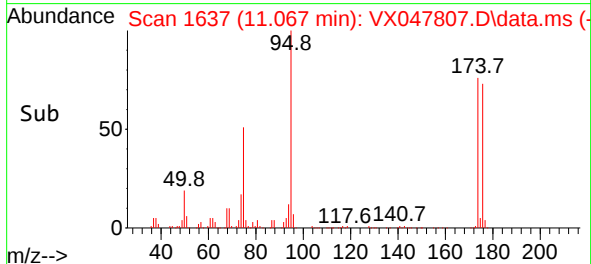
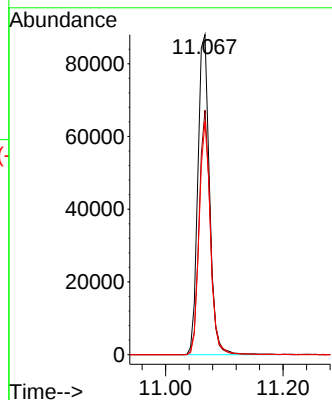
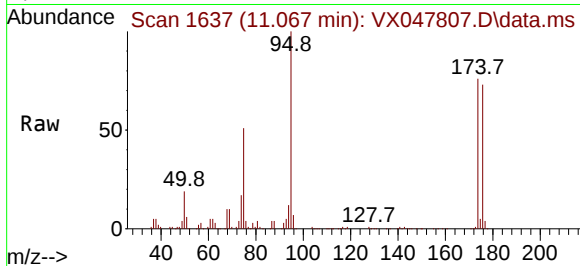




#62  
4-Bromofluorobenzene  
Concen: 53.856 ug/l  
RT: 11.067 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VX047807.D  
Acq: 25 Sep 2025 13:31

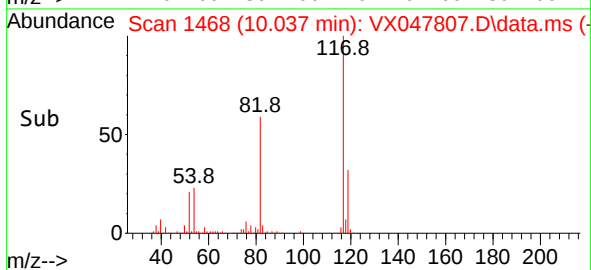
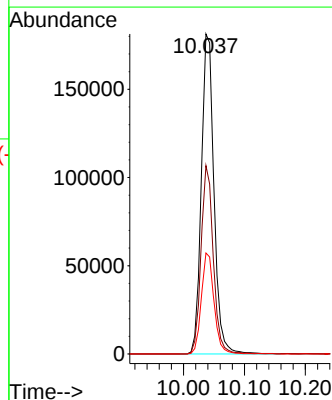
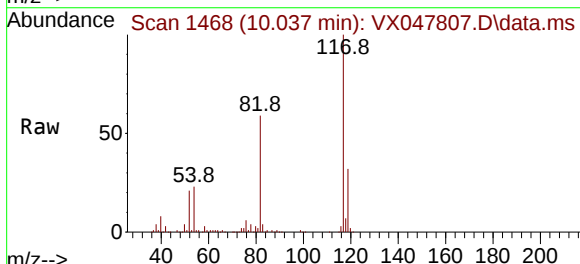
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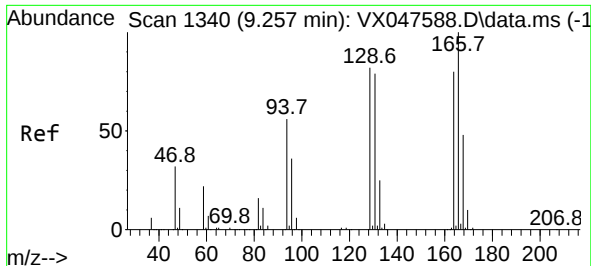
Tgt Ion: 95 Resp: 121188  
Ion Ratio Lower Upper  
95 100  
174 72.8 0.0 141.6  
176 70.3 0.0 138.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VX047807.D  
Acq: 25 Sep 2025 13:31

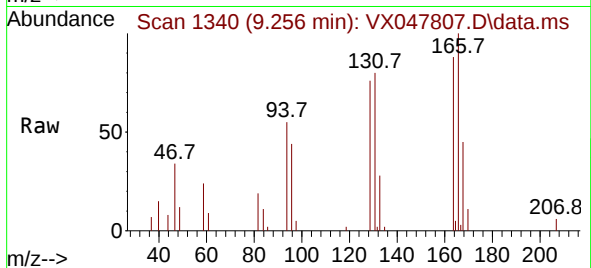
Tgt Ion: 117 Resp: 261171  
Ion Ratio Lower Upper  
117 100  
82 58.8 47.8 71.6  
119 31.5 25.2 37.8



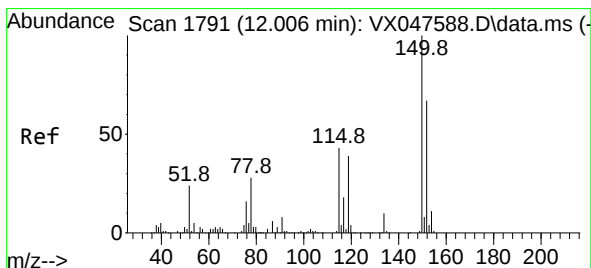
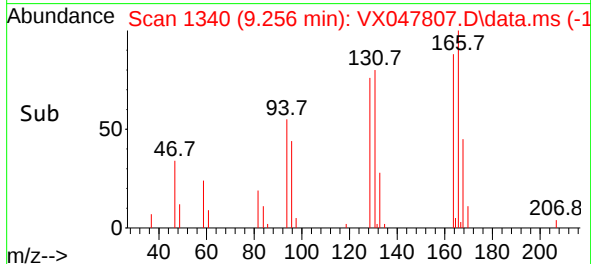
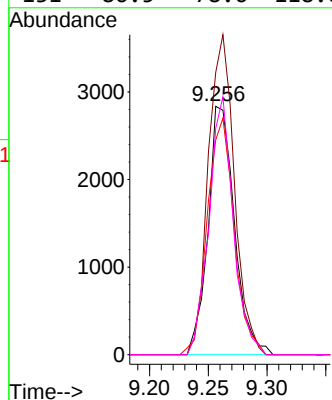


#64  
Tetrachloroethene  
Concen: 2.613 ug/l  
RT: 9.256 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX047807.D  
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Instrument :  
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ClientSampleId :  
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Tgt Ion:164 Resp: 4448  
Ion Ratio Lower Upper  
164 100  
166 108.0 100.2 150.2  
129 82.1 81.8 122.6  
131 86.5 78.6 118.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX047807.D  
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Tgt Ion:152 Resp: 129528  
Ion Ratio Lower Upper  
152 100  
115 61.9 44.9 134.5  
150 159.3 0.0 352.0

