

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092425\  
 Data File : VX047785.D  
 Acq On : 24 Sep 2025 18:30  
 Operator : JC/MD  
 Sample : Q3127-12DL 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE132D7-20250916DL

Quant Time: Sep 25 01:20:19 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

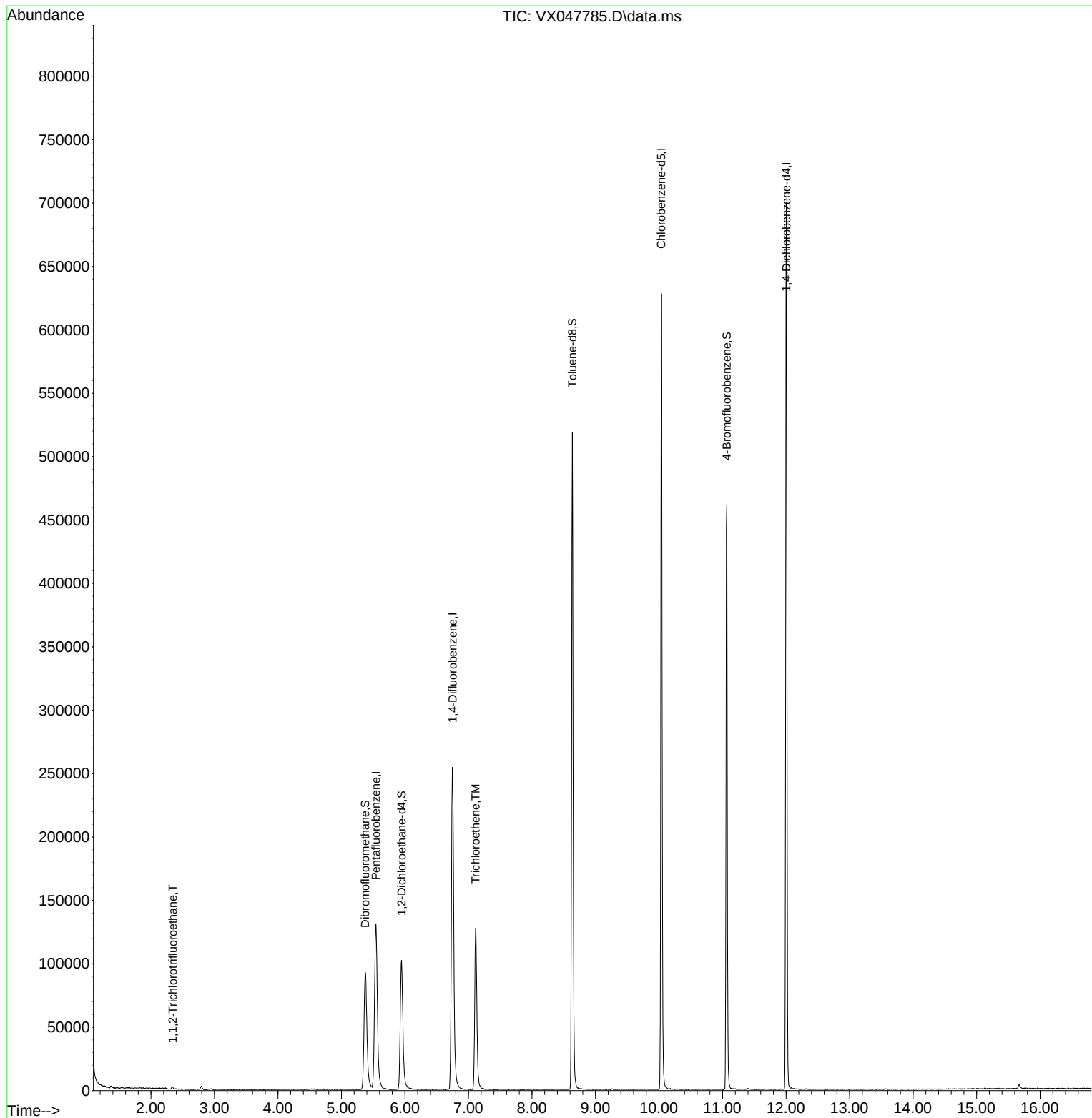
| Compound                     | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------|----------|
| -----                        |        |       |          |          |       |          |
| Internal Standards           |        |       |          |          |       |          |
| 1) Pentafluorobenzene        | 5.544  | 168   | 133982   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.751  | 114   | 282418   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.037 | 117   | 290709   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.006 | 152   | 149326   | 50.000   | ug/l  | 0.00     |
|                              |        |       |          |          |       |          |
| System Monitoring Compounds  |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.946  | 65    | 110584   | 51.853   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =     | 103.700% |
| 35) Dibromofluoromethane     | 5.373  | 113   | 91989    | 48.567   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =     | 97.140%  |
| 50) Toluene-d8               | 8.635  | 98    | 316435   | 48.283   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =     | 96.560%  |
| 62) 4-Bromofluorobenzene     | 11.067 | 95    | 134889   | 54.232   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =     | 108.460% |
|                              |        |       |          |          |       |          |
| Target Compounds             |        |       |          |          |       |          |
| 9) 1,1,2-Trichlorotrifluo... | 2.343  | 101   | 828      | 0.534    | ug/l  | 91       |
| 44) Trichloroethene          | 7.111  | 130   | 54553    | 26.843   | ug/l  | 98       |
| -----                        |        |       |          |          |       |          |

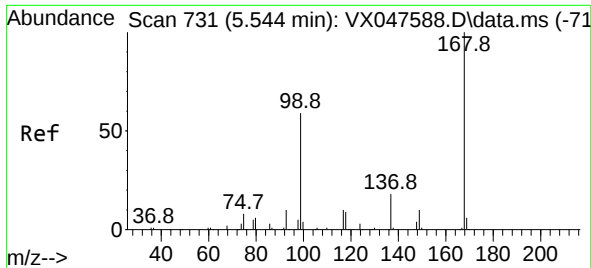
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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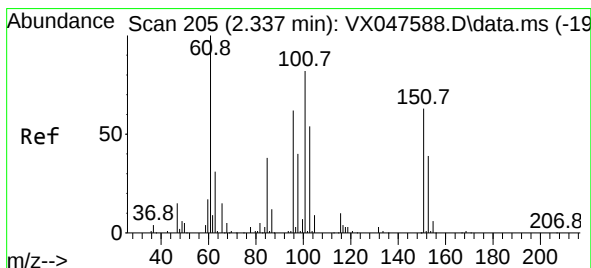
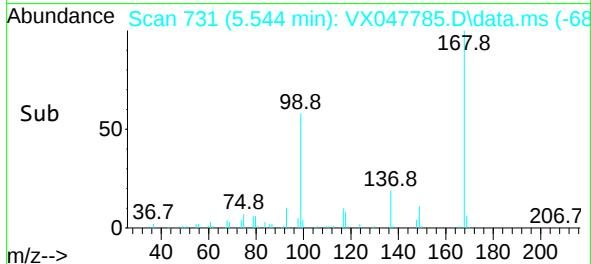
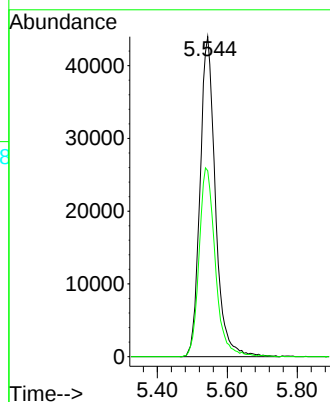
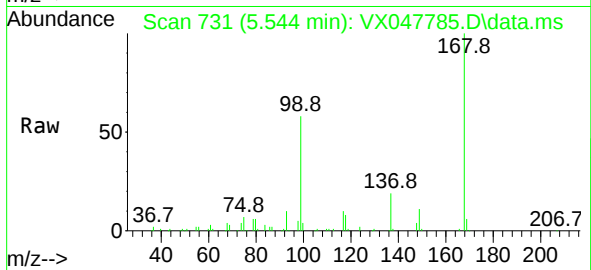




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX047785.D  
Acq: 24 Sep 2025 18:30

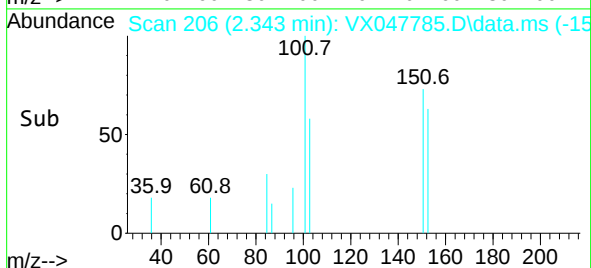
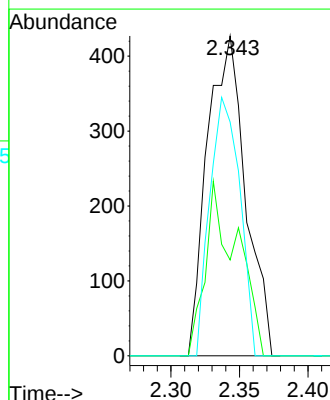
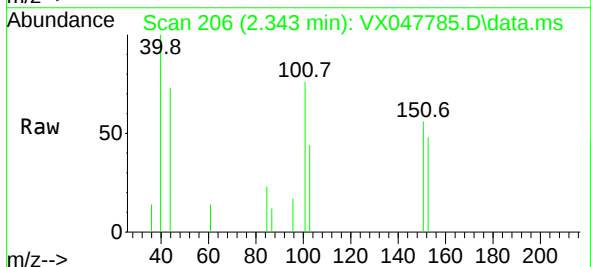
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE132D7-20250916DL

Tgt Ion:168 Resp: 133982  
Ion Ratio Lower Upper  
168 100  
99 58.1 48.8 73.2



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.534 ug/l  
RT: 2.343 min Scan# 206  
Delta R.T. 0.006 min  
Lab File: VX047785.D  
Acq: 24 Sep 2025 18:30

Tgt Ion:101 Resp: 828  
Ion Ratio Lower Upper  
101 100  
85 45.5 35.5 53.3  
151 63.4 59.4 89.0





#33

1,2-Dichloroethane-d4

Concen: 51.853 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047785.D

Acq: 24 Sep 2025 18:30

Instrument :

MSVOA\_X

ClientSampleId :

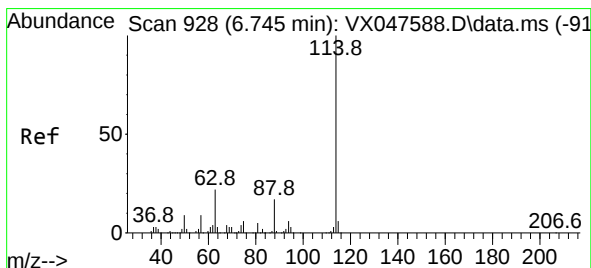
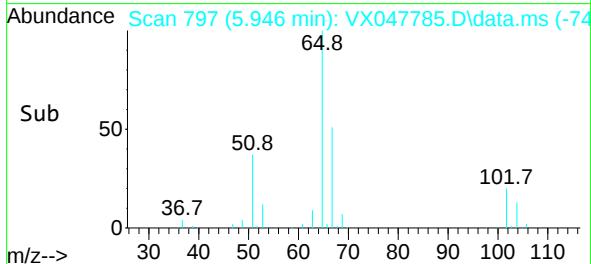
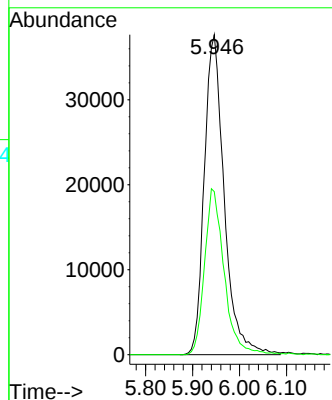
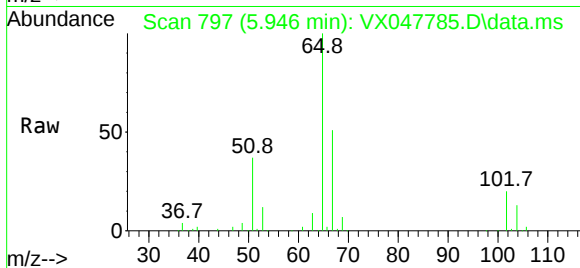
RE132D7-20250916DL

Tgt Ion: 65 Resp: 110584

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: VX047785.D

Acq: 24 Sep 2025 18:30

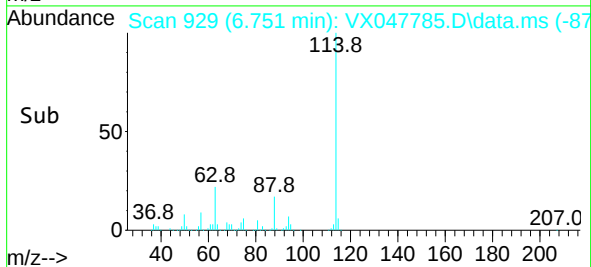
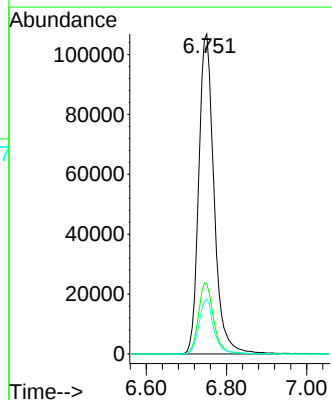
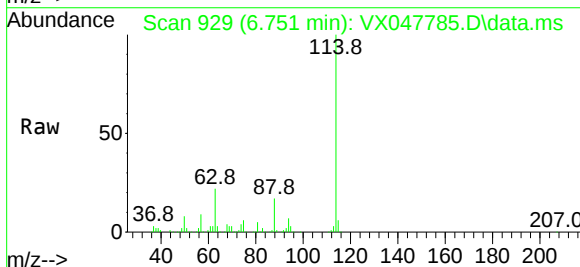
Tgt Ion: 114 Resp: 282418

Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.0

88 17.2 0.0 34.2





#35

Dibromofluoromethane

Concen: 48.567 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX047785.D

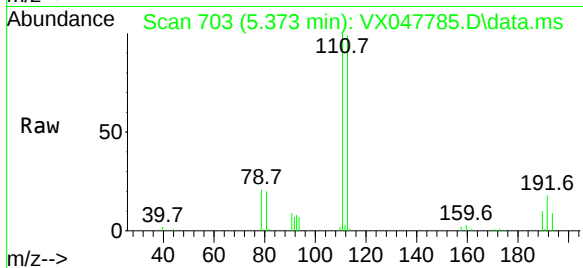
Acq: 24 Sep 2025 18:30

Instrument :

MSVOA\_X

ClientSampleId :

RE132D7-20250916DL



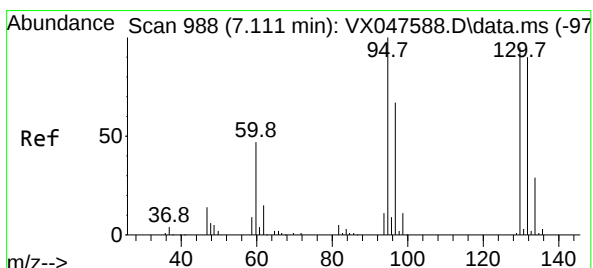
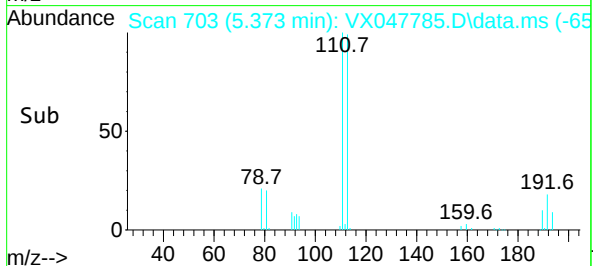
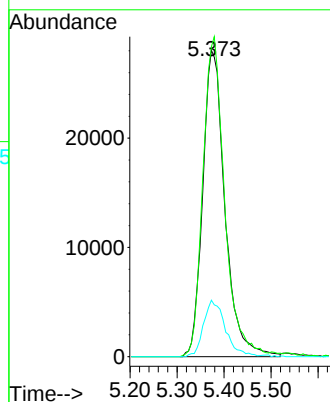
Tgt Ion:113 Resp: 91989

Ion Ratio Lower Upper

113 100

111 102.0 80.9 121.3

192 18.2 14.2 21.4



#44

Trichloroethene

Concen: 26.843 ug/l

RT: 7.111 min Scan# 988

Delta R.T. -0.000 min

Lab File: VX047785.D

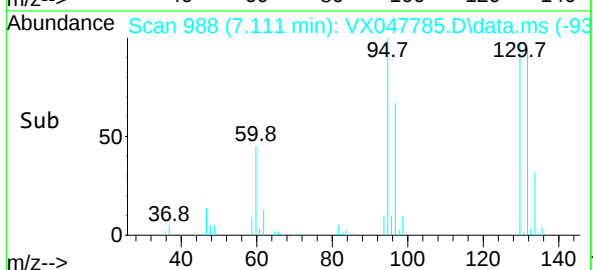
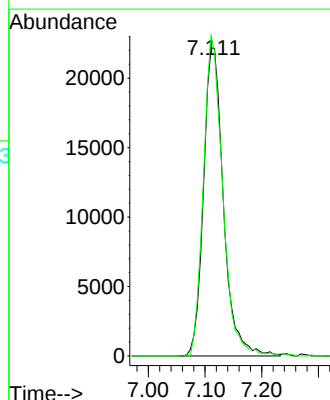
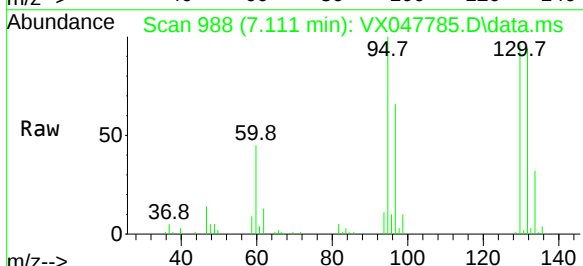
Acq: 24 Sep 2025 18:30

Tgt Ion:130 Resp: 54553

Ion Ratio Lower Upper

130 100

95 103.8 0.0 210.8

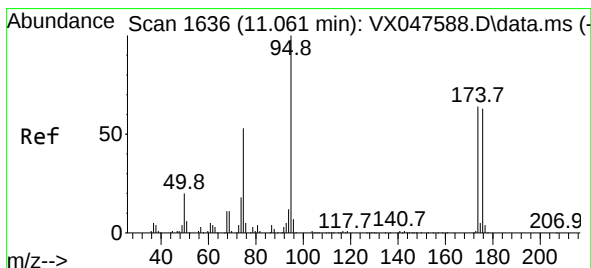
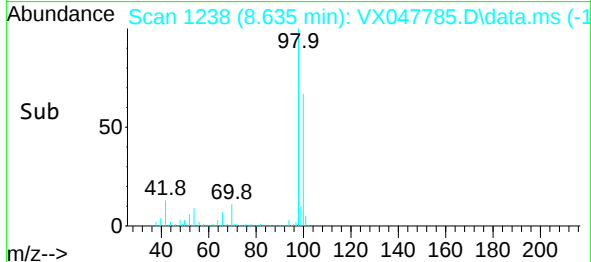
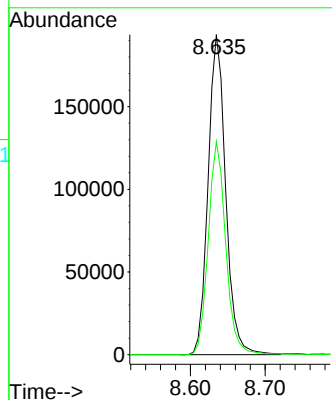
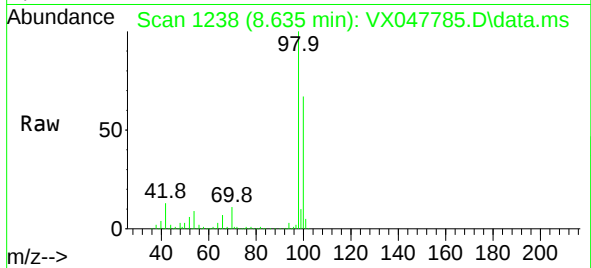




#50  
Toluene-d8  
Concen: 48.283 ug/l  
RT: 8.635 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX047785.D  
Acq: 24 Sep 2025 18:30

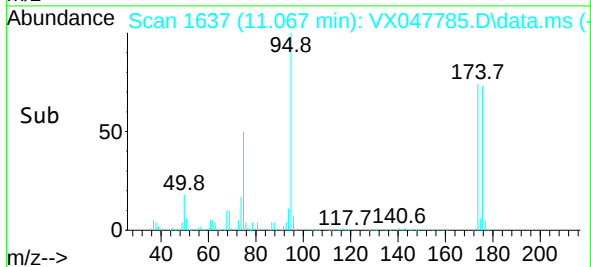
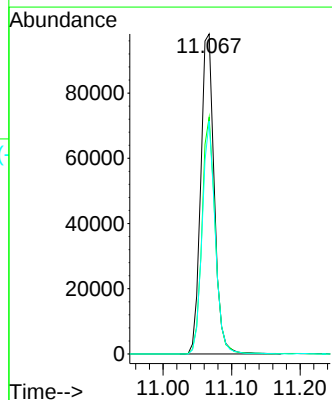
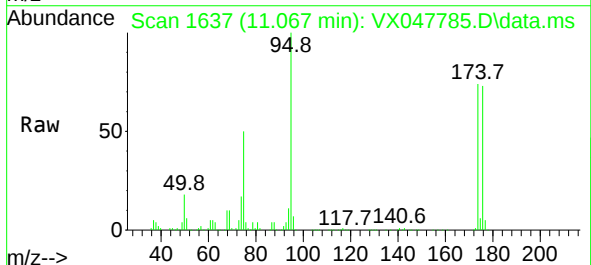
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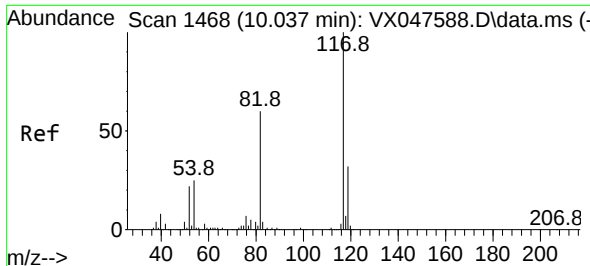
Tgt Ion: 98 Resp: 316435  
Ion Ratio Lower Upper  
98 100  
100 66.4 53.0 79.4



#62  
4-Bromofluorobenzene  
Concen: 54.232 ug/l  
RT: 11.067 min Scan# 1637  
Delta R.T. 0.006 min  
Lab File: VX047785.D  
Acq: 24 Sep 2025 18:30

Tgt Ion: 95 Resp: 134889  
Ion Ratio Lower Upper  
95 100  
174 72.3 0.0 141.6  
176 69.8 0.0 138.4

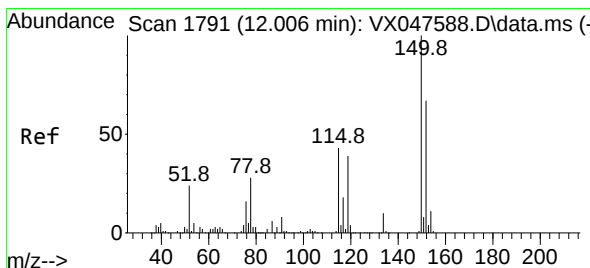
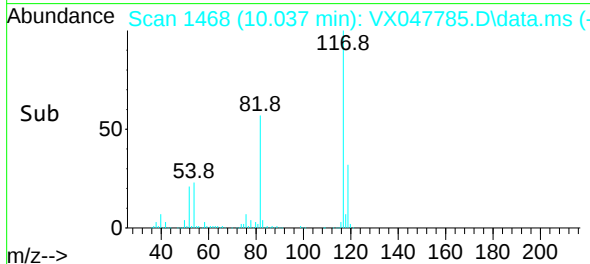
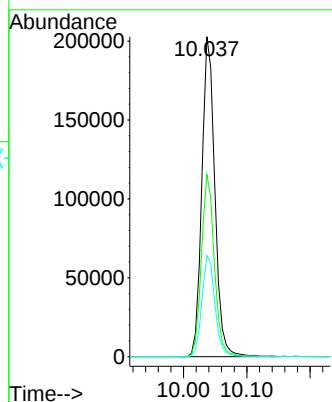
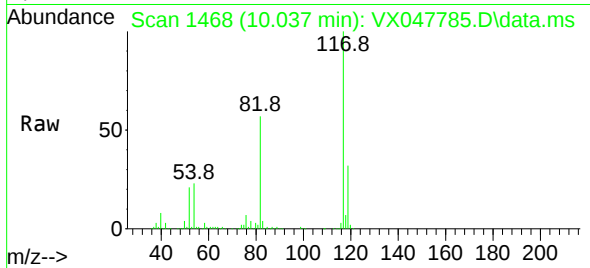




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VX047785.D  
Acq: 24 Sep 2025 18:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE132D7-20250916DL

Tgt Ion:117 Resp: 290709  
Ion Ratio Lower Upper  
117 100  
82 56.9 47.8 71.6  
119 31.6 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: VX047785.D  
Acq: 24 Sep 2025 18:30

Tgt Ion:152 Resp: 149326  
Ion Ratio Lower Upper  
152 100  
115 61.0 44.9 134.5  
150 156.1 0.0 352.0

