

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY120425\  
 Data File : VY023894.D  
 Acq On : 04 Dec 2025 15:06  
 Operator : SY/MD  
 Sample : Q3742-07  
 Misc : 4.97g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-1125-18

Quant Time: Dec 05 01:47:55 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y120325S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 04 03:49:13 2025  
 Response via : Initial Calibration

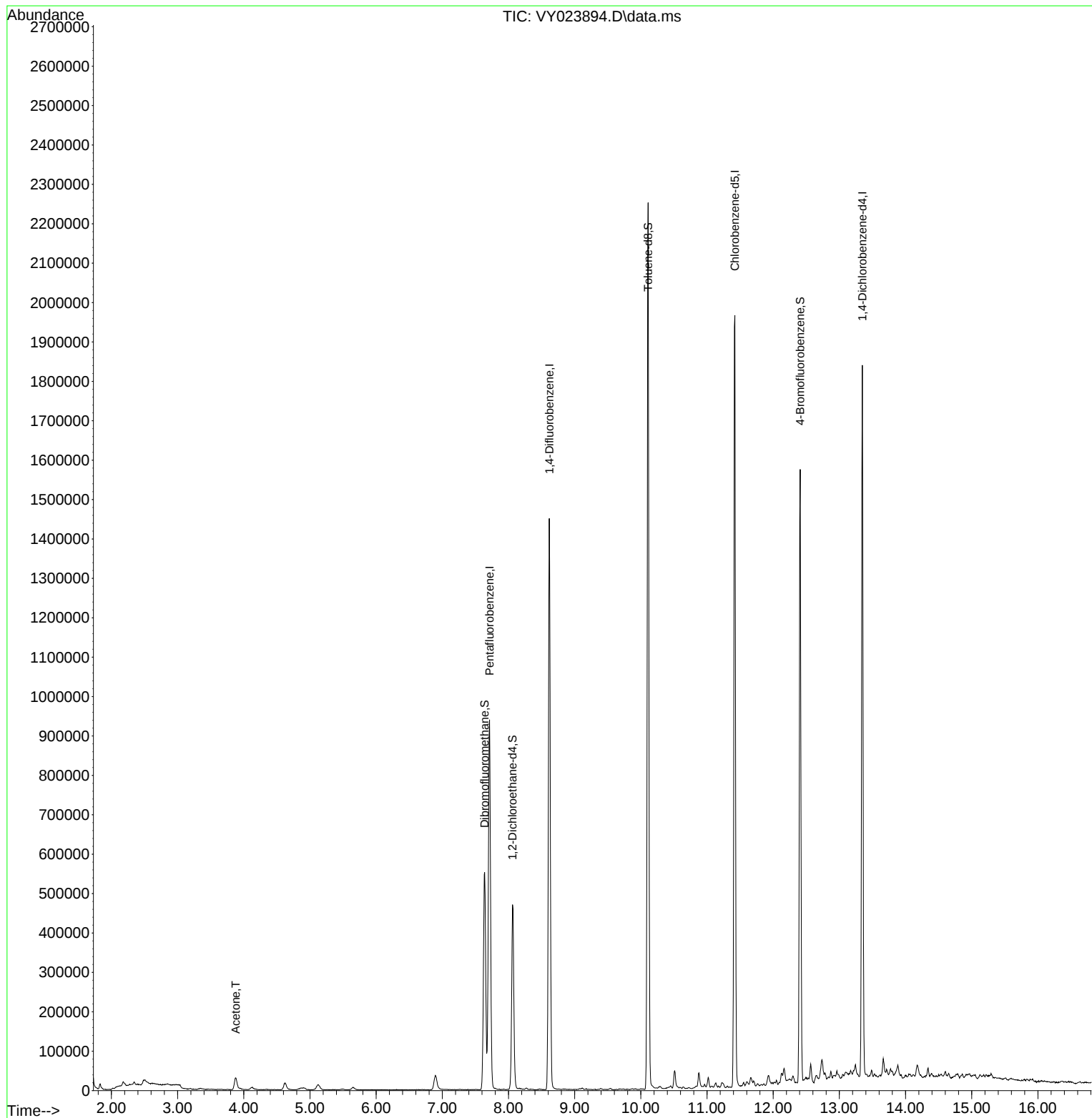
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 7.713  | 168   | 781859   | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.616  | 114   | 1291434  | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.420 | 117   | 1105691  | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.346 | 152   | 482687   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 367481   | 46.984   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 93.960%   |
| 35) Dibromofluoromethane    | 7.640  | 113   | 400845   | 48.394   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 96.780%   |
| 50) Toluene-d8              | 10.109 | 98    | 1471058  | 45.640   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =     | 91.280%   |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 459268   | 41.776   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =     | 83.560%   |
| Target Compounds            |        |       |          |          |       |           |
| 16) Acetone                 | 3.879  | 43    | 56042    | 23.912   | ug/l  | Qvalue 95 |
| -----                       |        |       |          |          |       |           |

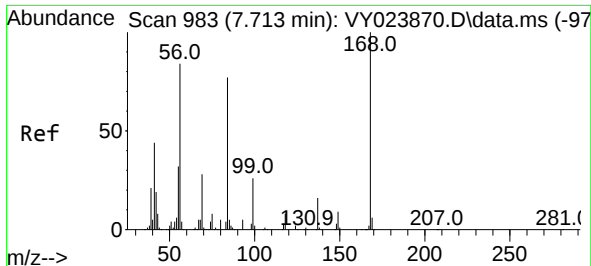
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY120425\  
Data File : VY023894.D  
Acq On : 04 Dec 2025 15:06  
Operator : SY/MD  
Sample : Q3742-07  
Misc : 4.97g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-1125-18

Quant Time: Dec 05 01:47:55 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y120325S.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 04 03:49:13 2025  
Response via : Initial Calibration

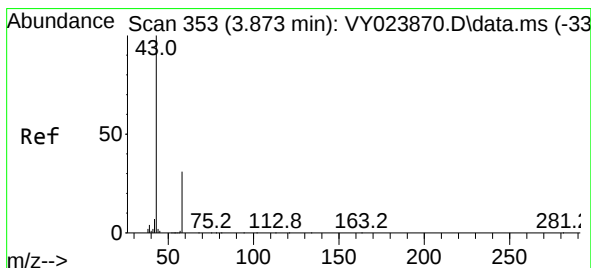
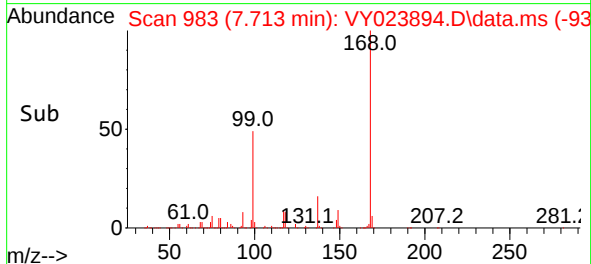
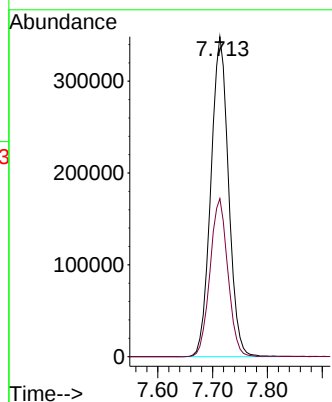
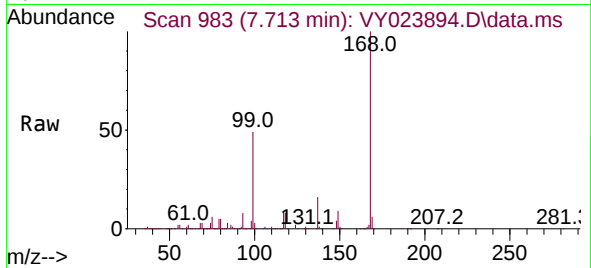




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.713 min Scan# 983  
Delta R.T. 0.000 min  
Lab File: VY023894.D  
Acq: 04 Dec 2025 15:06

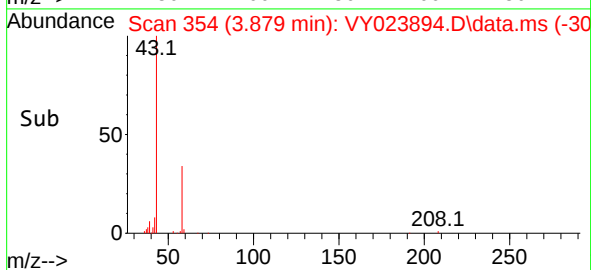
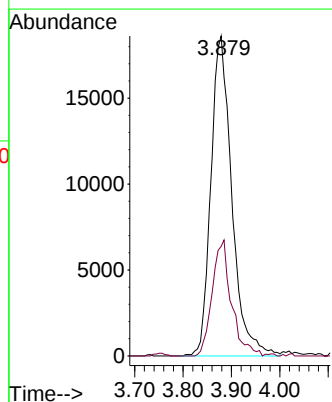
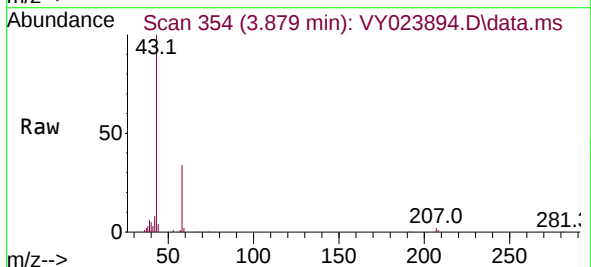
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-1125-18

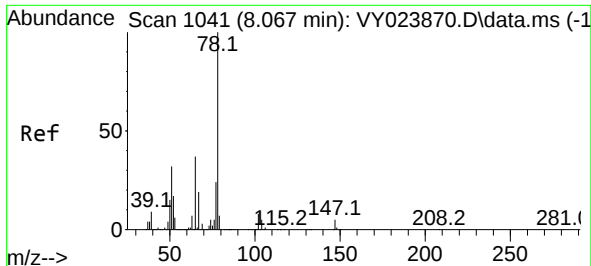
Tgt Ion:168 Resp: 781859  
Ion Ratio Lower Upper  
168 100  
99 49.4 42.5 63.7



#16  
Acetone  
Concen: 23.912 ug/l  
RT: 3.879 min Scan# 354  
Delta R.T. 0.006 min  
Lab File: VY023894.D  
Acq: 04 Dec 2025 15:06

Tgt Ion: 43 Resp: 56042  
Ion Ratio Lower Upper  
43 100  
58 34.2 25.1 37.7





#33

1,2-Dichloroethane-d4

Concen: 46.984 ug/l

RT: 8.061 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY023894.D

Acq: 04 Dec 2025 15:06

Instrument :

MSVOA\_Y

ClientSampleId :

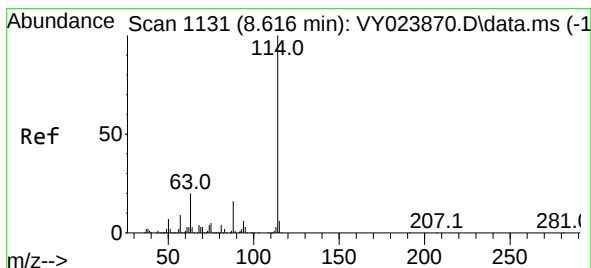
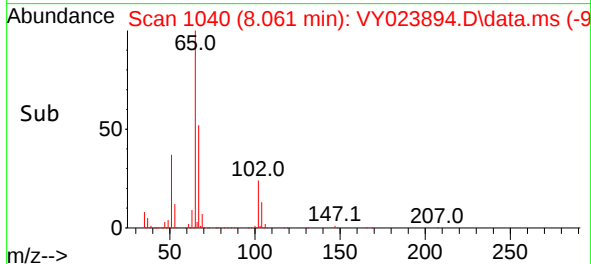
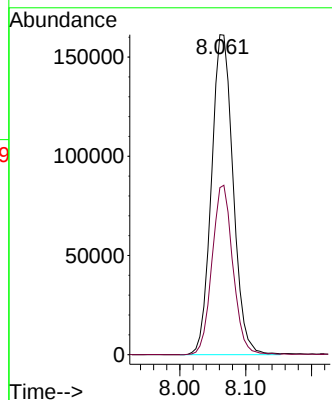
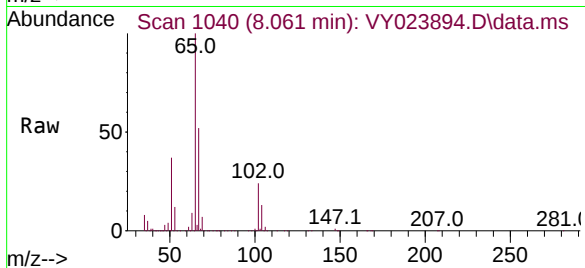
SB-1125-18

Tgt Ion: 65 Resp: 367481

Ion Ratio Lower Upper

65 100

67 51.0 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023894.D

Acq: 04 Dec 2025 15:06

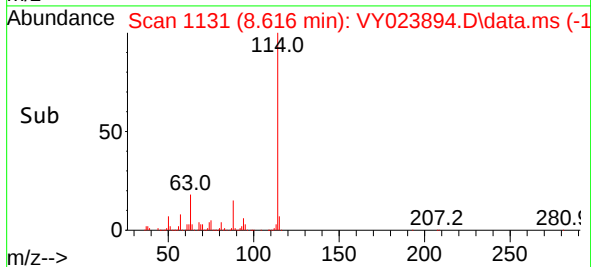
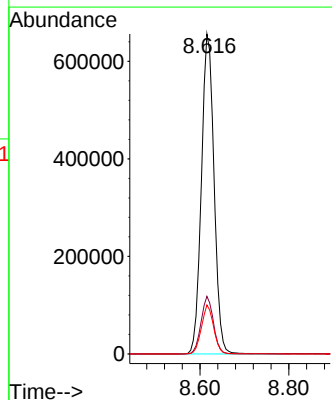
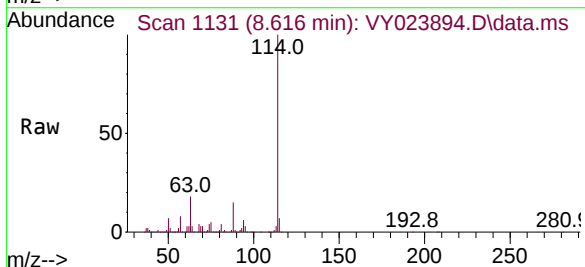
Tgt Ion: 114 Resp: 1291434

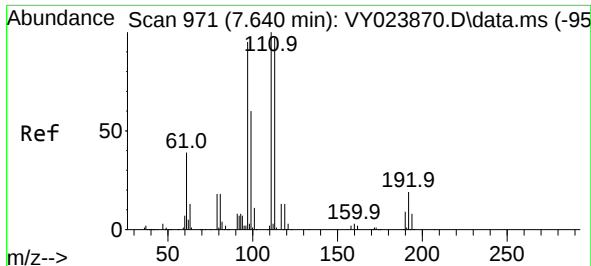
Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.2

88 15.3 0.0 31.4

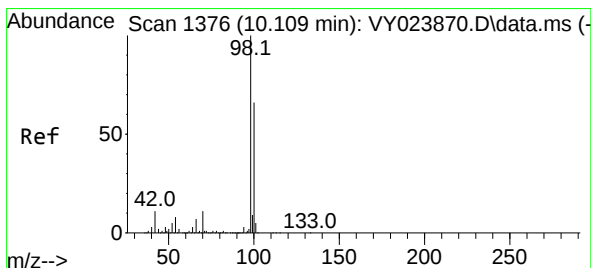
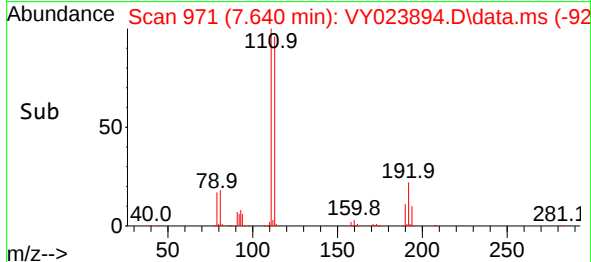
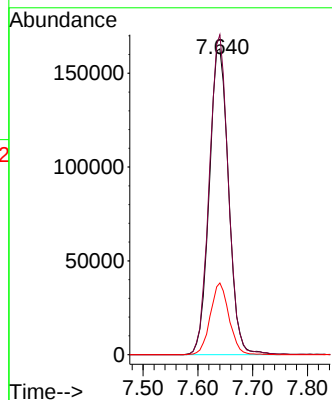
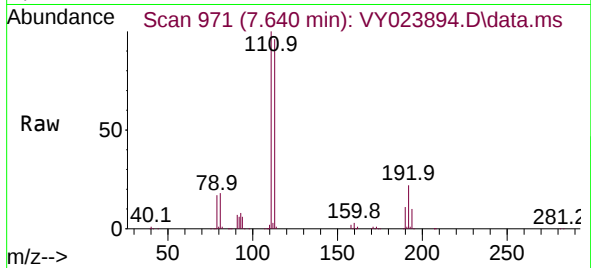




#35  
Dibromofluoromethane  
Concen: 48.394 ug/l  
RT: 7.640 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY023894.D  
Acq: 04 Dec 2025 15:06

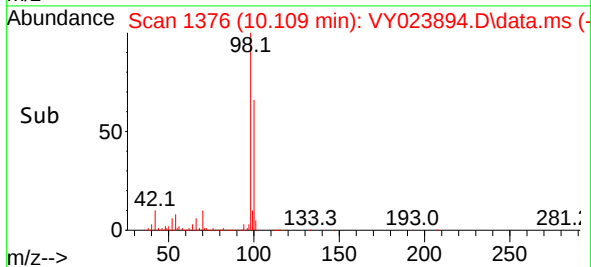
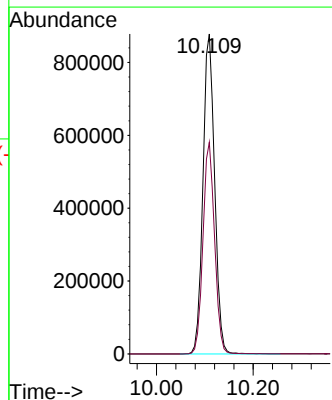
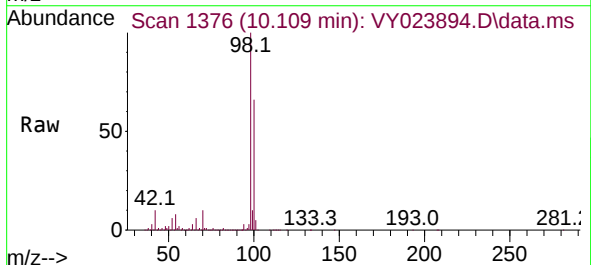
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-1125-18

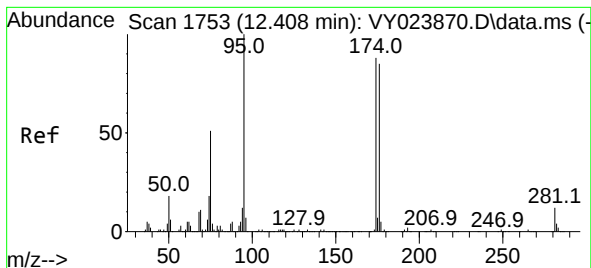
Tgt Ion:113 Resp: 400845  
Ion Ratio Lower Upper  
113 100  
111 102.7 82.2 123.2  
192 22.5 15.8 23.8



#50  
Toluene-d8  
Concen: 45.640 ug/l  
RT: 10.109 min Scan# 1376  
Delta R.T. -0.000 min  
Lab File: VY023894.D  
Acq: 04 Dec 2025 15:06

Tgt Ion: 98 Resp: 1471058  
Ion Ratio Lower Upper  
98 100  
100 65.8 52.5 78.7

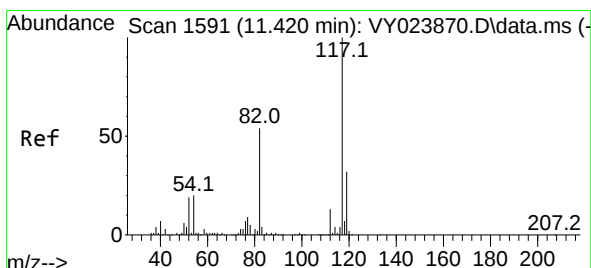
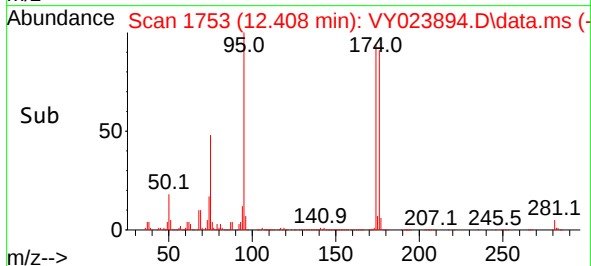
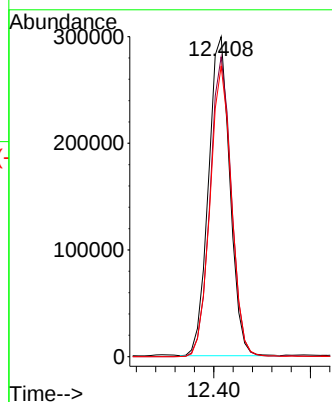
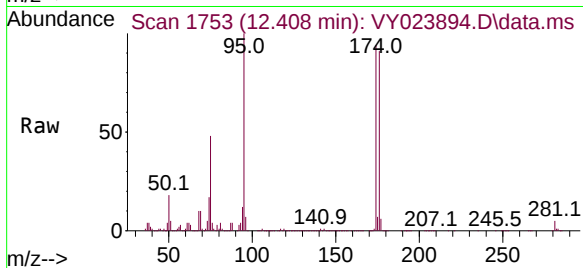




#62  
4-Bromofluorobenzene  
Concen: 41.776 ug/l  
RT: 12.408 min Scan# 1753  
Delta R.T. -0.000 min  
Lab File: VY023894.D  
Acq: 04 Dec 2025 15:06

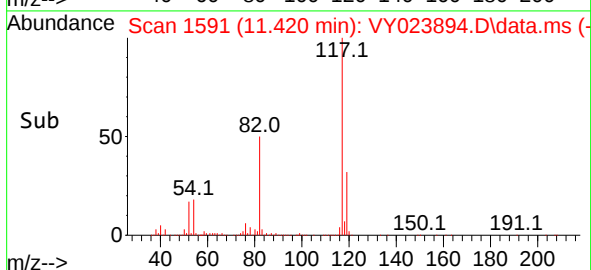
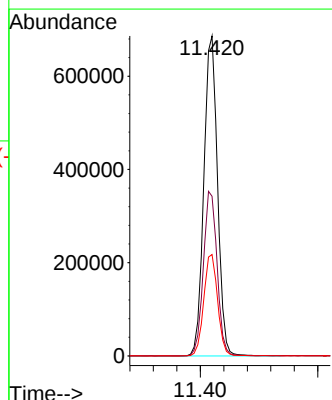
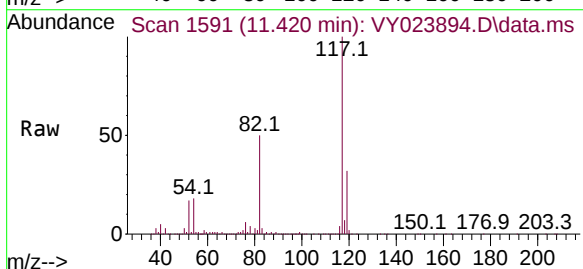
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-1125-18

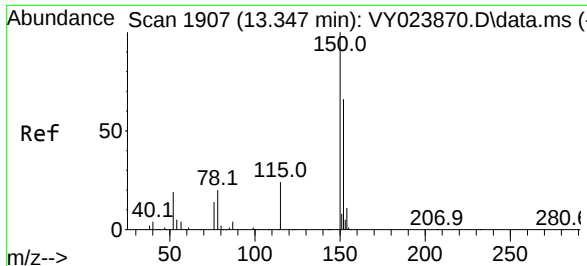
Tgt Ion: 95 Resp: 459268  
Ion Ratio Lower Upper  
95 100  
174 93.5 0.0 169.6  
176 91.1 0.0 164.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.420 min Scan# 1591  
Delta R.T. -0.000 min  
Lab File: VY023894.D  
Acq: 04 Dec 2025 15:06

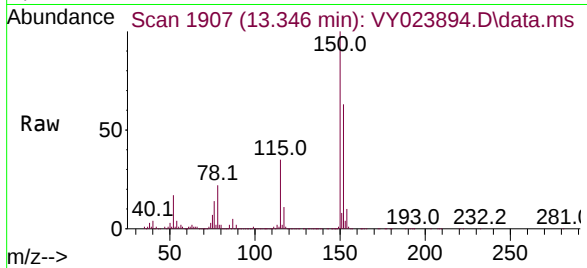
Tgt Ion: 117 Resp: 1105691  
Ion Ratio Lower Upper  
117 100  
82 49.9 43.1 64.7  
119 31.7 26.0 39.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.346 min Scan# 19  
 Delta R.T. -0.000 min  
 Lab File: VY023894.D  
 Acq: 04 Dec 2025 15:06

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-1125-18



Tgt Ion:152 Resp: 482687  
 Ion Ratio Lower Upper  
 152 100  
 115 54.7 28.8 86.4  
 150 157.1 0.0 352.2

