

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY120125\  
 Data File : VY023846.D  
 Acq On : 01 Dec 2025 16:20  
 Operator : SY/MD  
 Sample : Q3742-04  
 Misc : 2.52g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-1125-9

Quant Time: Dec 02 03:19:34 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y112625S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 27 01:14:36 2025  
 Response via : Initial Calibration

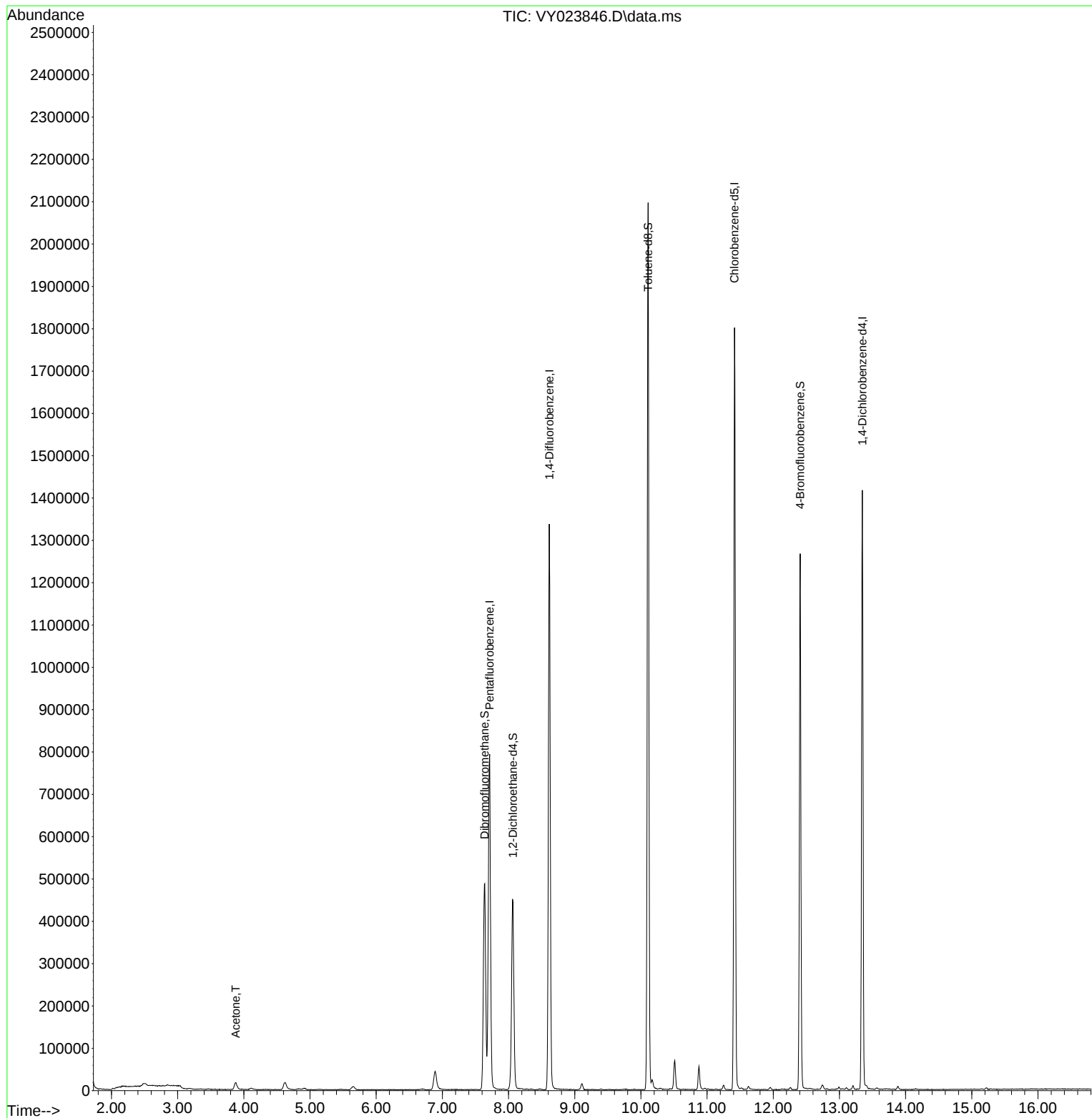
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 7.713  | 168   | 620754   | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.616  | 114   | 1130173  | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.414 | 117   | 961054   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.346 | 152   | 366679   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.067  | 65    | 349428   | 57.803   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 115.600%  |
| 35) Dibromofluoromethane    | 7.640  | 113   | 357130   | 53.343   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 106.680%  |
| 50) Toluene-d8              | 10.109 | 98    | 1342737  | 50.493   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =     | 100.980%  |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 374886   | 42.845   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =     | 85.680%   |
| Target Compounds            |        |       |          |          |       |           |
| 16) Acetone                 | 3.879  | 43    | 30547    | 17.538   | ug/l  | Qvalue 94 |
| -----                       |        |       |          |          |       |           |

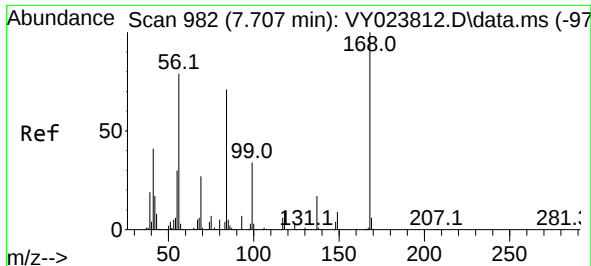
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu Nov 27 01:14:36 2025  
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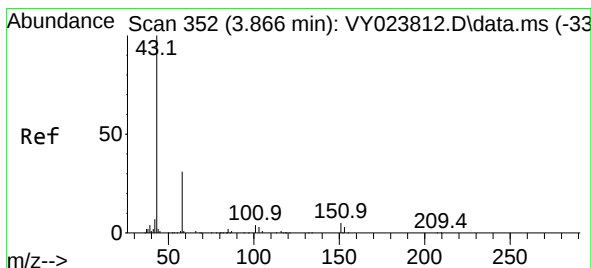
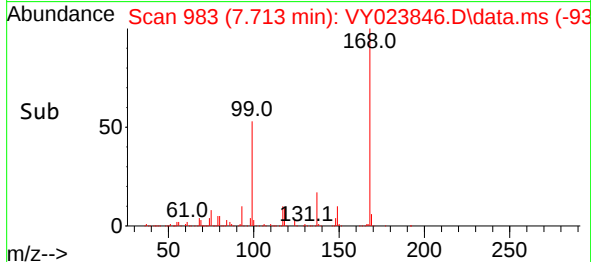
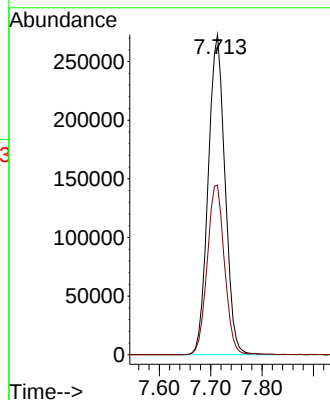
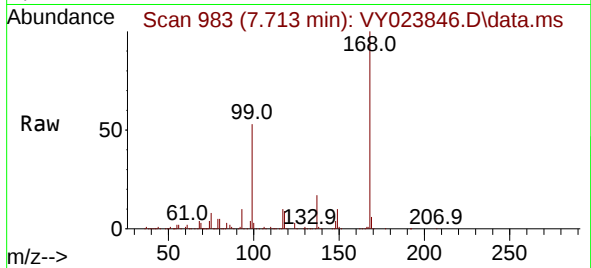




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.713 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY023846.D  
Acq: 01 Dec 2025 16:20

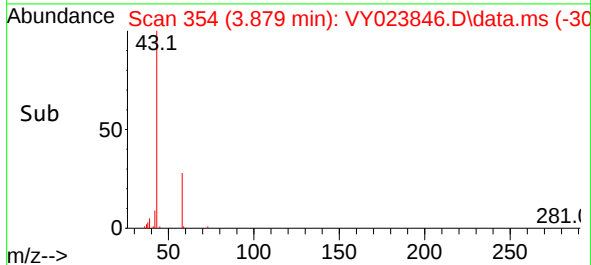
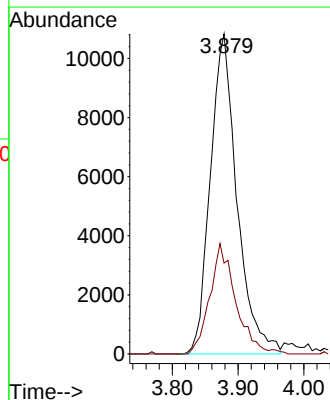
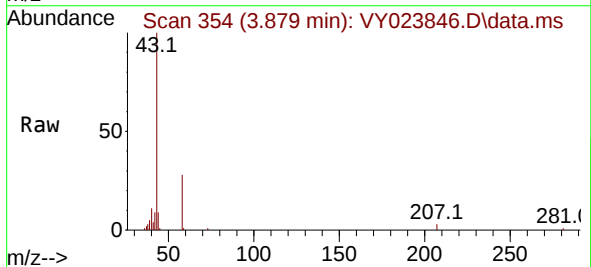
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-1125-9

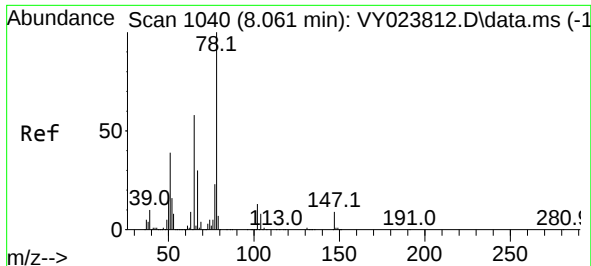
Tgt Ion:168 Resp: 620754  
Ion Ratio Lower Upper  
168 100  
99 53.0 44.0 66.0



#16  
Acetone  
Concen: 17.538 ug/l  
RT: 3.879 min Scan# 354  
Delta R.T. 0.012 min  
Lab File: VY023846.D  
Acq: 01 Dec 2025 16:20

Tgt Ion: 43 Resp: 30547  
Ion Ratio Lower Upper  
43 100  
58 28.4 25.4 38.2





#33

1,2-Dichloroethane-d4

Concen: 57.803 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY023846.D

Acq: 01 Dec 2025 16:20

Instrument :

MSVOA\_Y

ClientSampleId :

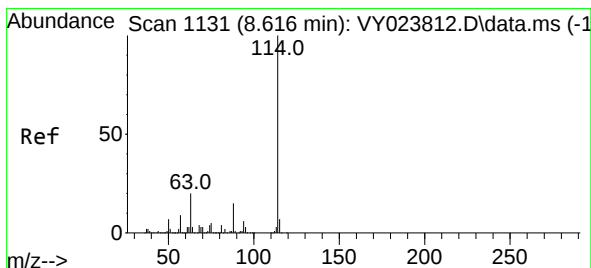
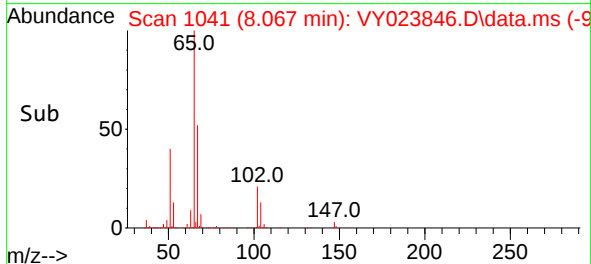
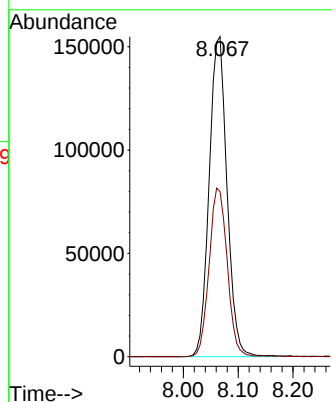
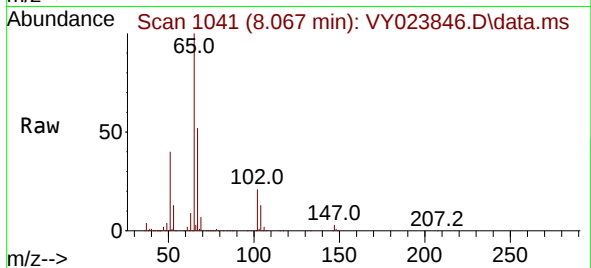
SB-1125-9

Tgt Ion: 65 Resp: 349428

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023846.D

Acq: 01 Dec 2025 16:20

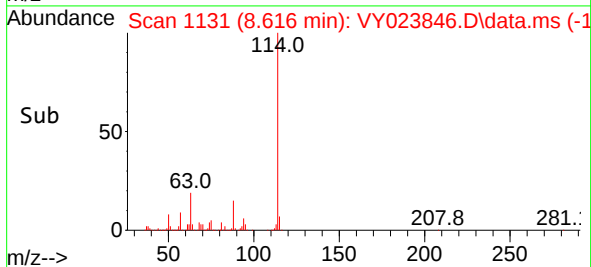
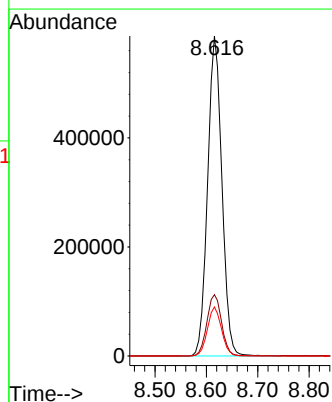
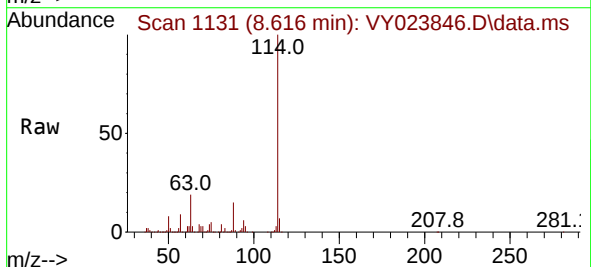
Tgt Ion:114 Resp: 1130173

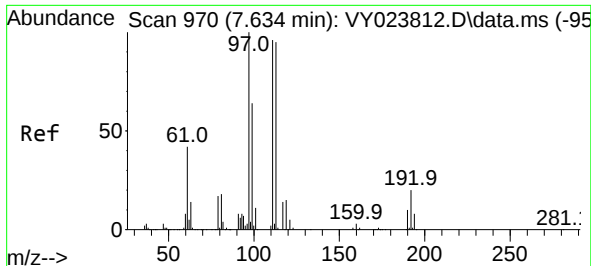
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.4

88 15.3 0.0 30.8

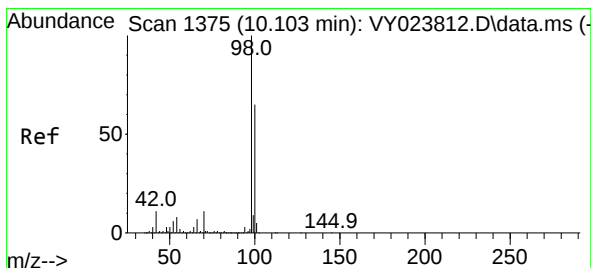
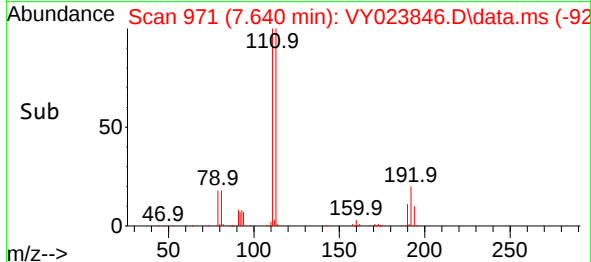
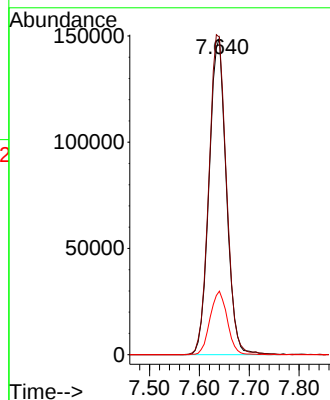
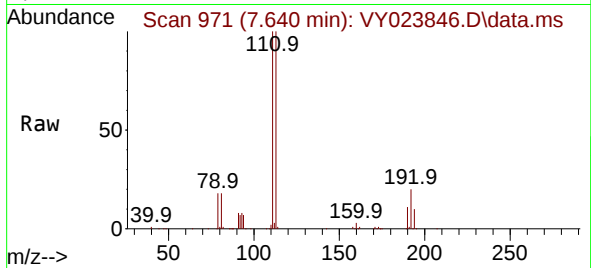




#35  
Dibromofluoromethane  
Concen: 53.343 ug/l  
RT: 7.640 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY023846.D  
Acq: 01 Dec 2025 16:20

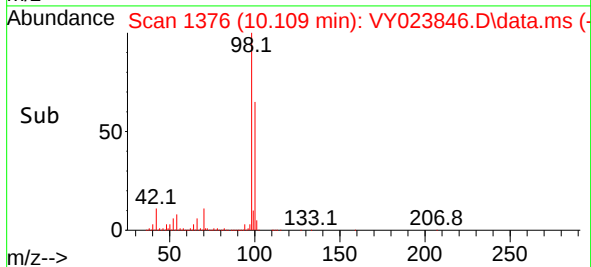
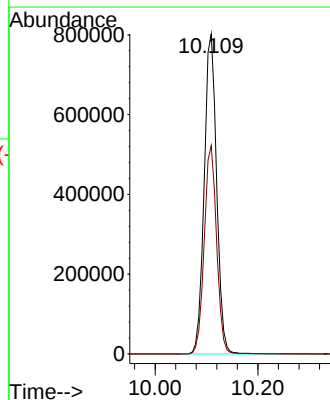
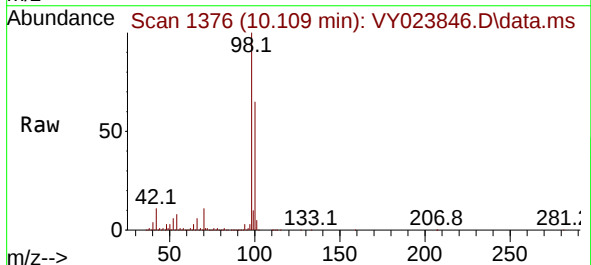
Instrument :  
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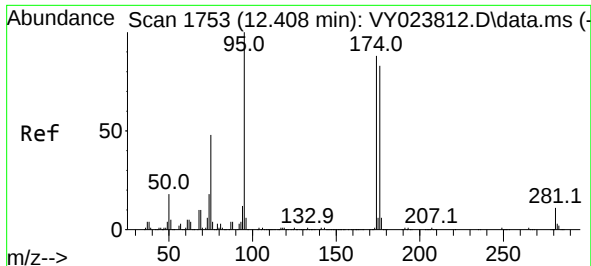
Tgt Ion:113 Resp: 357130  
Ion Ratio Lower Upper  
113 100  
111 103.1 81.4 122.0  
192 20.0 15.8 23.8



#50  
Toluene-d8  
Concen: 50.493 ug/l  
RT: 10.109 min Scan# 1376  
Delta R.T. 0.006 min  
Lab File: VY023846.D  
Acq: 01 Dec 2025 16:20

Tgt Ion: 98 Resp: 1342737  
Ion Ratio Lower Upper  
98 100  
100 64.8 51.9 77.9

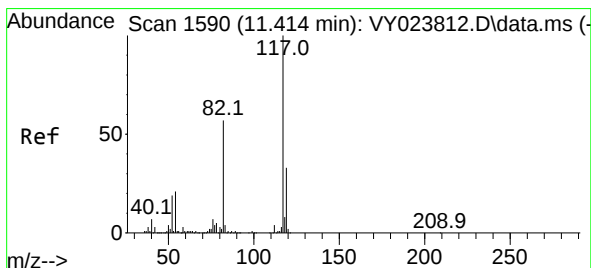
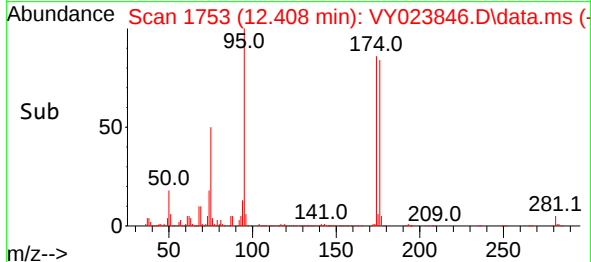
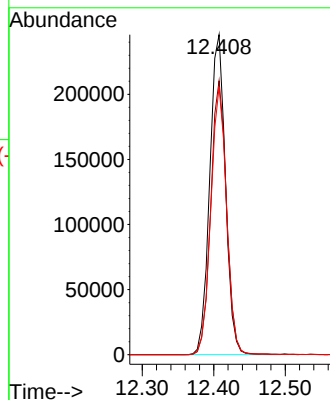
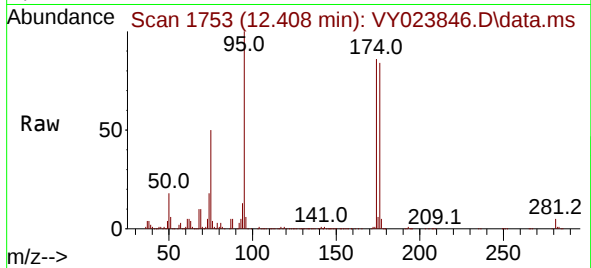




#62  
4-Bromofluorobenzene  
Concen: 42.845 ug/l  
RT: 12.408 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY023846.D  
Acq: 01 Dec 2025 16:20

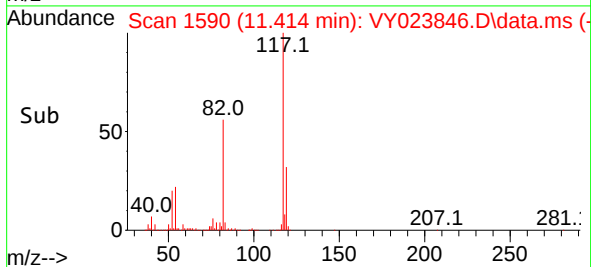
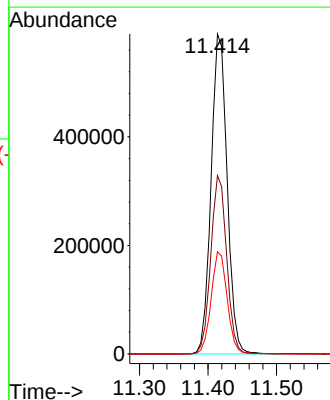
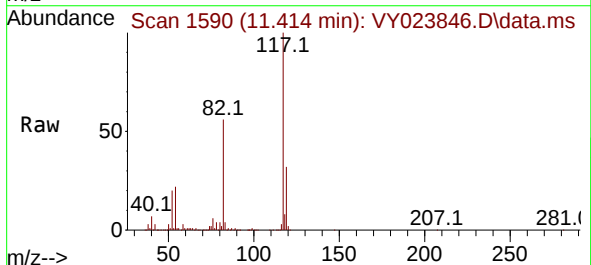
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-1125-9

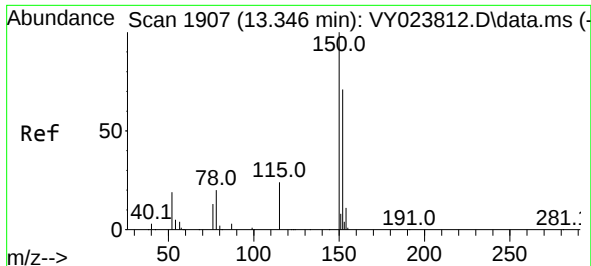
Tgt Ion: 95 Resp: 374886  
Ion Ratio Lower Upper  
95 100  
174 85.9 0.0 168.6  
176 83.5 0.0 164.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.414 min Scan# 1590  
Delta R.T. -0.000 min  
Lab File: VY023846.D  
Acq: 01 Dec 2025 16:20

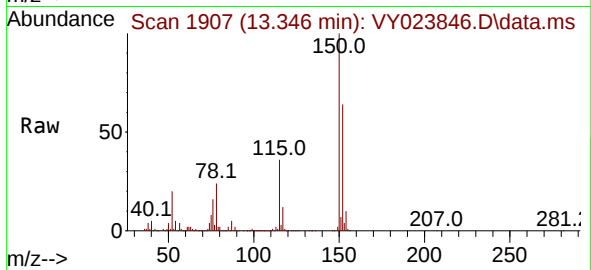
Tgt Ion: 117 Resp: 961054  
Ion Ratio Lower Upper  
117 100  
82 55.7 45.4 68.0  
119 32.0 26.0 39.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.346 min Scan# 1907  
 Delta R.T. -0.000 min  
 Lab File: VY023846.D  
 Acq: 01 Dec 2025 16:20

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-1125-9



Tgt Ion:152 Resp: 366679  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 56.6  | 28.7  | 86.3  |
| 150 | 153.9 | 0.0   | 345.6 |

