

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY102025\  
 Data File : VY023508.D  
 Acq On : 20 Oct 2025 14:59  
 Operator : SY/MD  
 Sample : Q3382-01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 CENTRAL-AVE-TP

Quant Time: Oct 21 03:59:36 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100725S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 08 05:12:50 2025  
 Response via : Initial Calibration

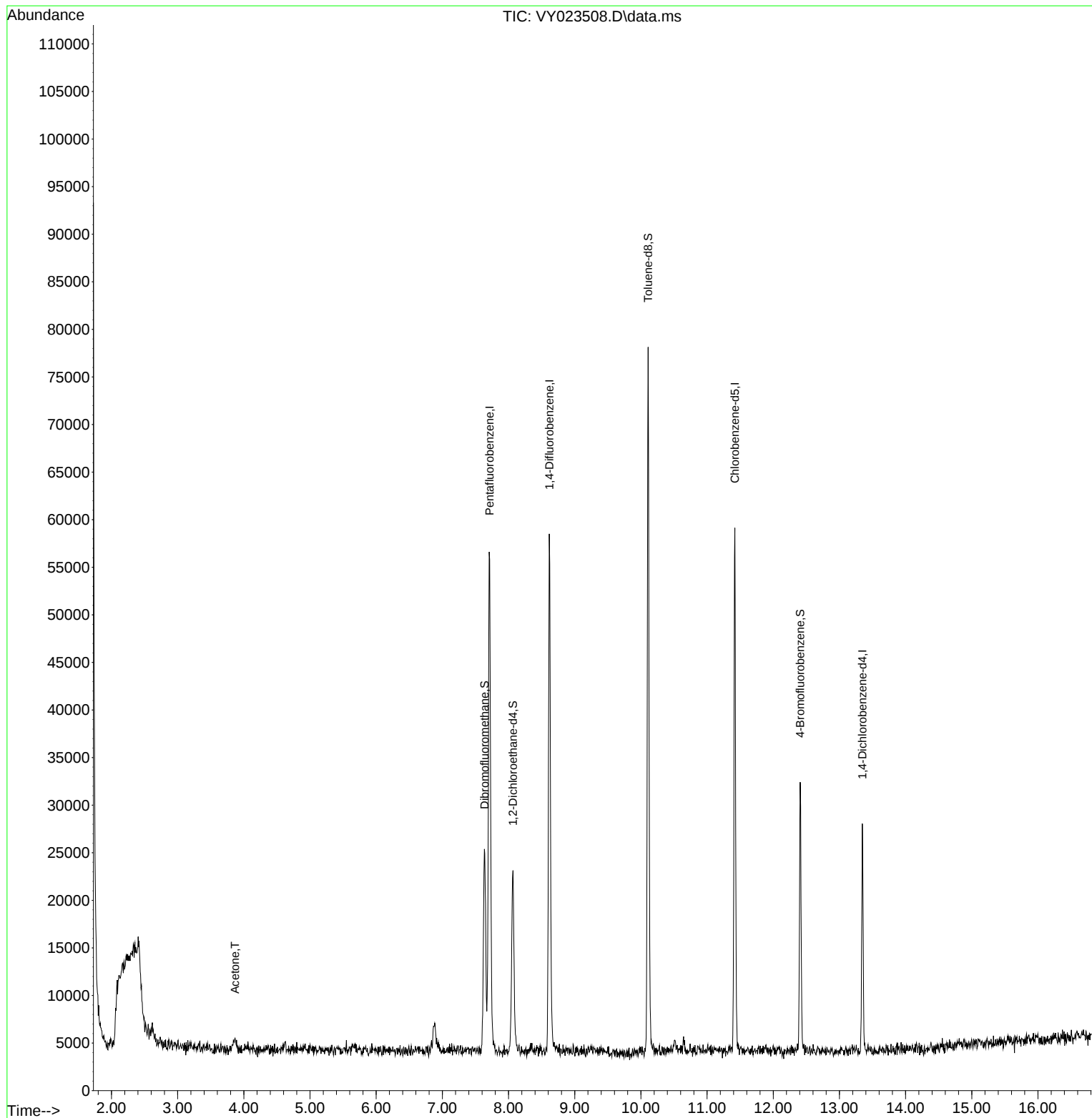
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.713  | 168   | 44075    | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.616  | 114   | 50085    | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.420 | 117   | 32189    | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.346 | 152   | 6621     | 50.000   | ug/l  | 0.00     |
|                             |        |       |          |          |       |          |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.067  | 65    | 15939    | 43.246   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 86.500%  |
| 35) Dibromofluoromethane    | 7.640  | 113   | 16267    | 52.858   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 105.720% |
| 50) Toluene-d8              | 10.109 | 98    | 50993    | 44.493   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =     | 88.980%  |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 8660     | 22.887   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =     | 45.780%  |
|                             |        |       |          |          |       |          |
| Target Compounds            |        |       |          |          |       |          |
| 16) Acetone                 | 3.866  | 43    | 2370     | 27.011   | ug/l  | 93       |
| -----                       |        |       |          |          |       |          |

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

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QLast Update : Wed Oct 08 05:12:50 2025  
Response via : Initial Calibration

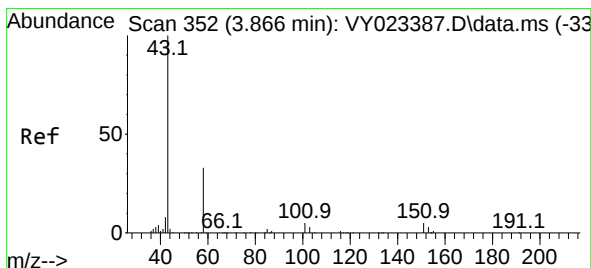
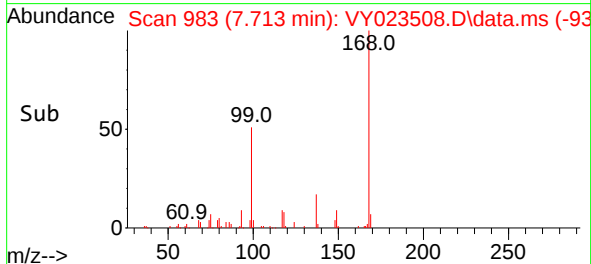
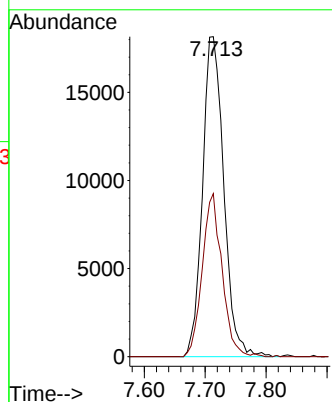
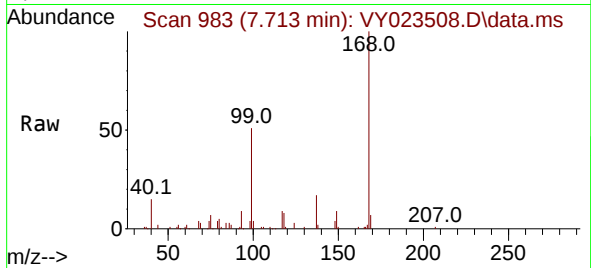




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.713 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY023508.D  
Acq: 20 Oct 2025 14:59

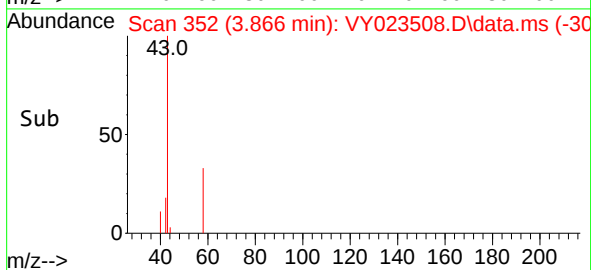
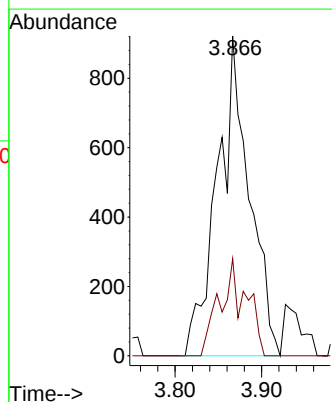
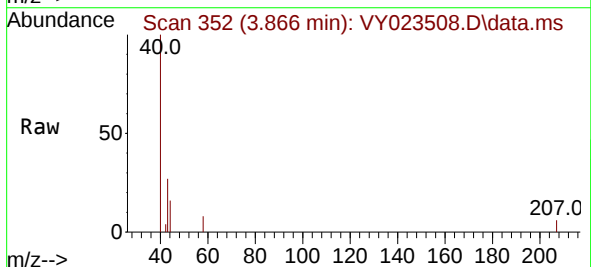
Instrument :  
MSVOA\_Y  
ClientSampleId :  
CENTRAL-AVE-TP

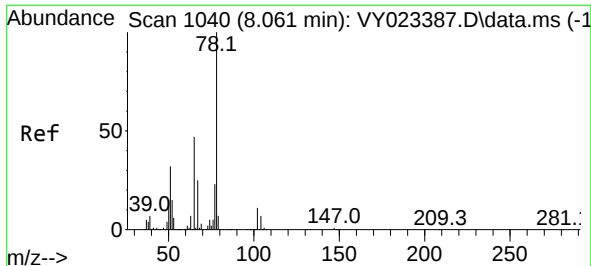
Tgt Ion:168 Resp: 44075  
Ion Ratio Lower Upper  
168 100  
99 50.9 39.7 59.5



#16  
Acetone  
Concen: 27.011 ug/l  
RT: 3.866 min Scan# 352  
Delta R.T. -0.000 min  
Lab File: VY023508.D  
Acq: 20 Oct 2025 14:59

Tgt Ion: 43 Resp: 2370  
Ion Ratio Lower Upper  
43 100  
58 30.4 27.7 41.5





#33

1,2-Dichloroethane-d4

Concen: 43.246 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023508.D

Acq: 20 Oct 2025 14:59

Instrument :

MSVOA\_Y

ClientSampleId :

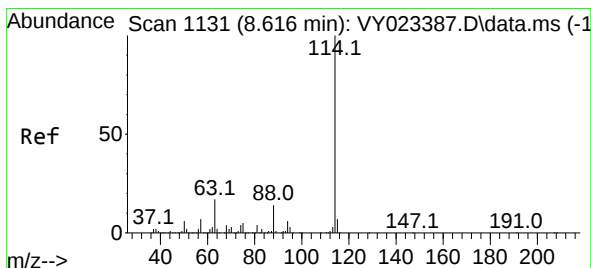
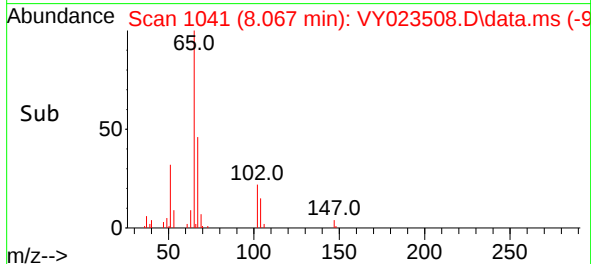
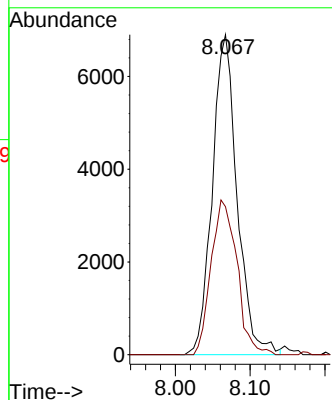
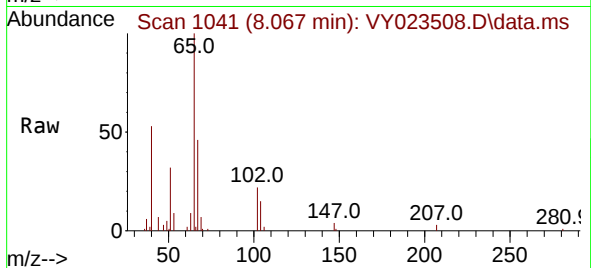
CENTRAL-AVE-TP

Tgt Ion: 65 Resp: 15939

Ion Ratio Lower Upper

65 100

67 50.4 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023508.D

Acq: 20 Oct 2025 14:59

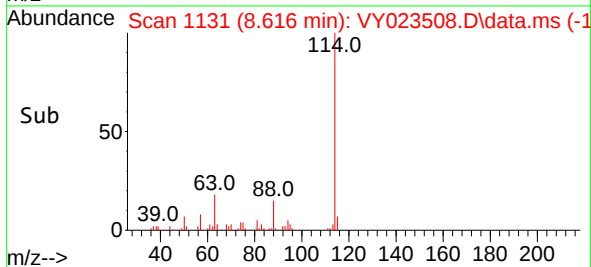
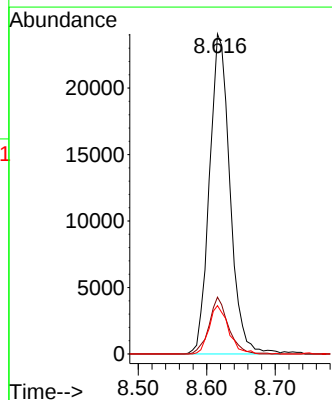
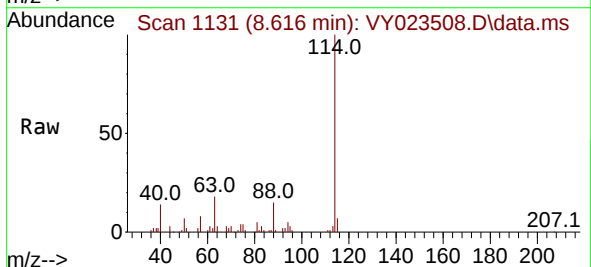
Tgt Ion: 114 Resp: 50085

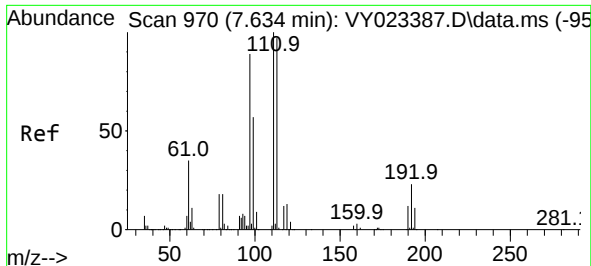
Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.2

88 15.1 0.0 28.4

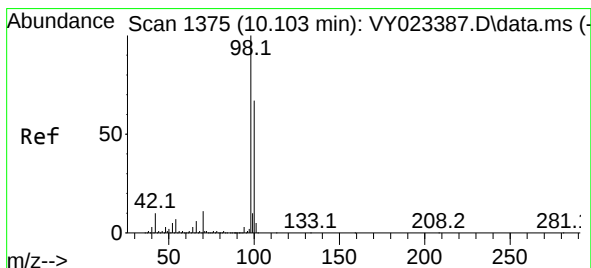
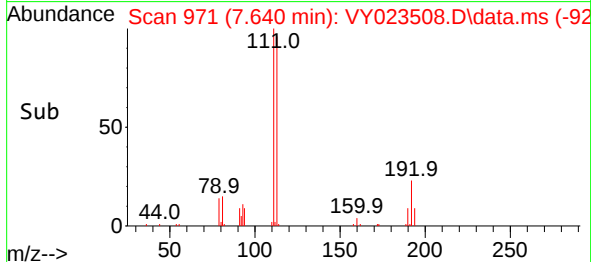
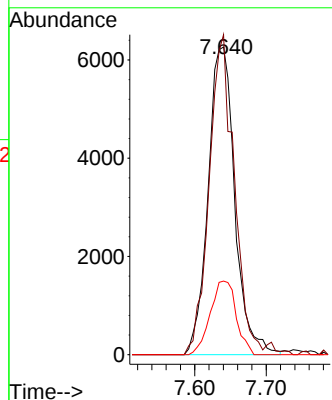
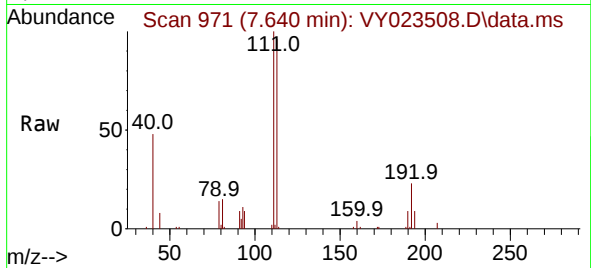




#35  
Dibromofluoromethane  
Concen: 52.858 ug/l  
RT: 7.640 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY023508.D  
Acq: 20 Oct 2025 14:59

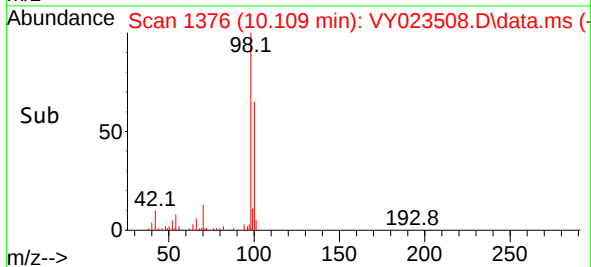
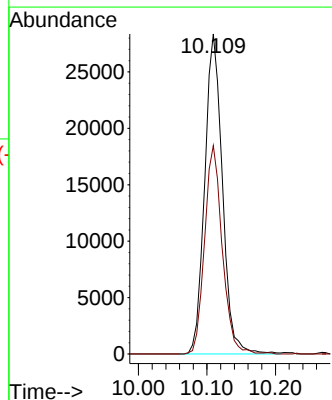
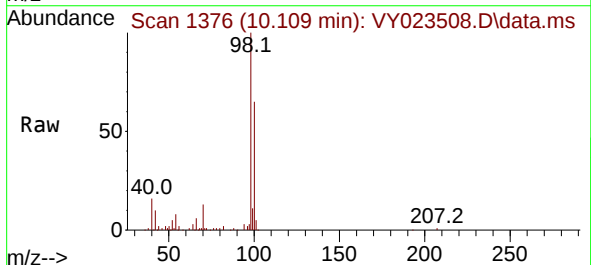
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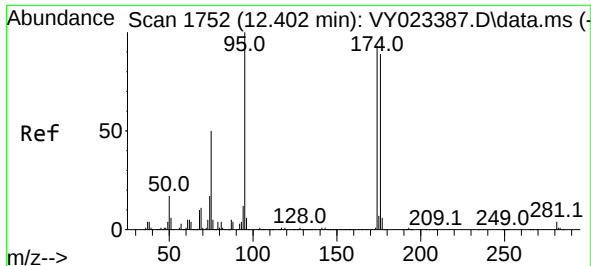
Tgt Ion:113 Resp: 16267  
Ion Ratio Lower Upper  
113 100  
111 96.9 81.8 122.6  
192 23.2 18.0 27.0



#50  
Toluene-d8  
Concen: 44.493 ug/l  
RT: 10.109 min Scan# 1376  
Delta R.T. 0.006 min  
Lab File: VY023508.D  
Acq: 20 Oct 2025 14:59

Tgt Ion: 98 Resp: 50993  
Ion Ratio Lower Upper  
98 100  
100 64.8 53.0 79.4

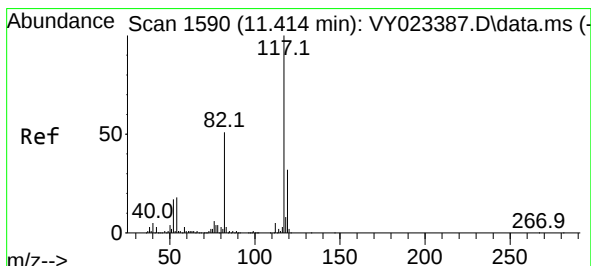
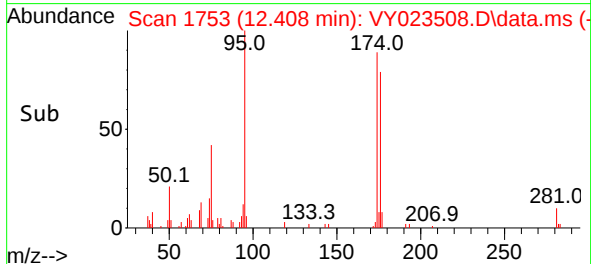
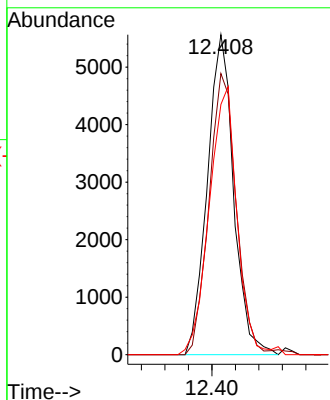
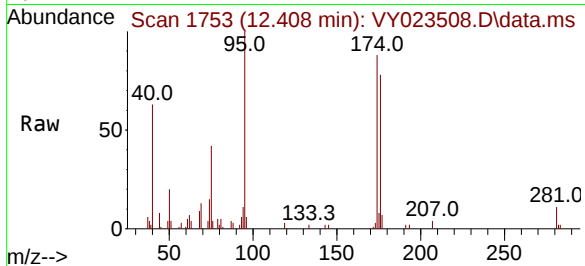




#62  
4-Bromofluorobenzene  
Concen: 22.887 ug/l  
RT: 12.408 min Scan# 1753  
Delta R.T. 0.006 min  
Lab File: VY023508.D  
Acq: 20 Oct 2025 14:59

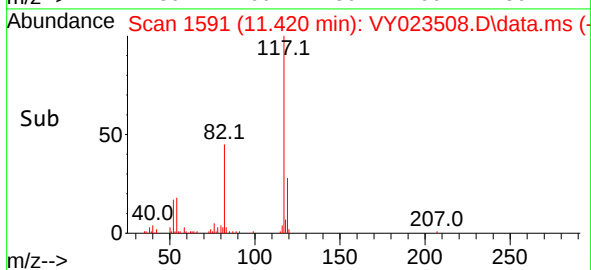
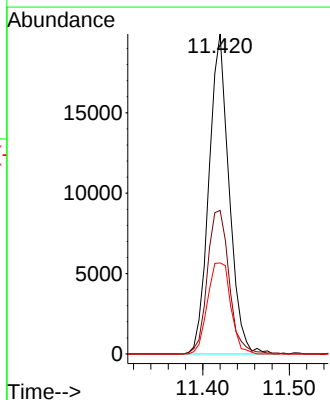
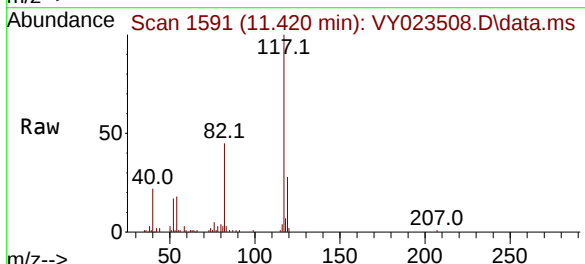
Instrument :  
MSVOA\_Y  
ClientSampleId :  
CENTRAL-AVE-TP

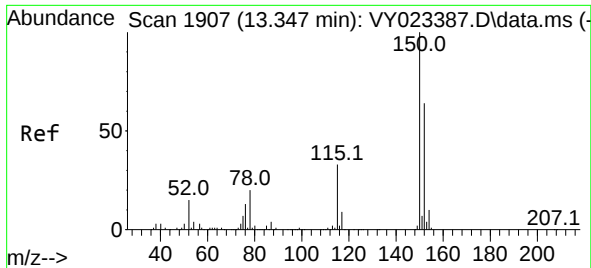
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 95 | Resp: | 8660      |
| Ion Ratio   | Lower | Upper     |
| 95          | 100   |           |
| 174         | 90.6  | 0.0 192.8 |
| 176         | 88.8  | 0.0 187.6 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.420 min Scan# 1591  
Delta R.T. 0.006 min  
Lab File: VY023508.D  
Acq: 20 Oct 2025 14:59

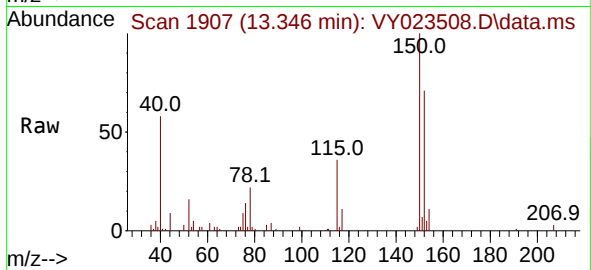
|              |       |           |
|--------------|-------|-----------|
| Tgt Ion: 117 | Resp: | 32189     |
| Ion Ratio    | Lower | Upper     |
| 117          | 100   |           |
| 82           | 44.9  | 41.0 61.4 |
| 119          | 28.4  | 25.6 38.4 |





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.346 min Scan# 1907  
 Delta R.T. -0.000 min  
 Lab File: VY023508.D  
 Acq: 20 Oct 2025 14:59

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 CENTRAL-AVE-TP



Tgt Ion:152 Resp: 6621  
 Ion Ratio Lower Upper  
 152 100  
 115 54.9 27.1 81.2  
 150 152.2 0.0 347.4

