

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY100925\  
 Data File : VY023416.D  
 Acq On : 09 Oct 2025 12:34  
 Operator : SY/MD  
 Sample : Q3310-01  
 Misc : 8.41g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SS-01-0-1

Quant Time: Oct 10 04:25:26 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

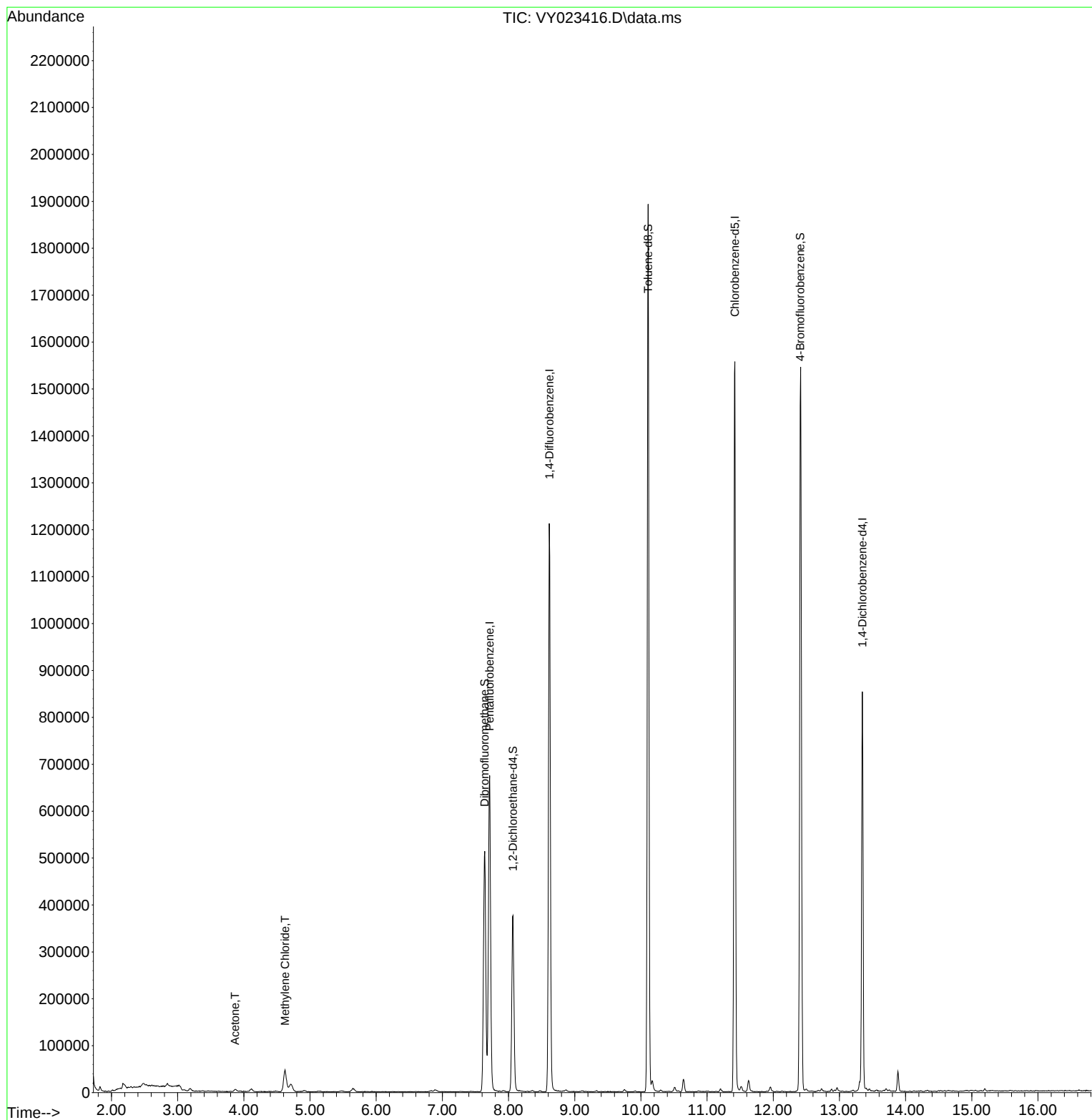
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.713  | 168   | 559404   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.616  | 114   | 1093543  | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.420 | 117   | 911689   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.346 | 152   | 232592   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.067  | 65    | 297204   | 63.535   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 127.060% |
| 35) Dibromofluoromethane    | 7.640  | 113   | 371179   | 55.241   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 110.480% |
| 50) Toluene-d8              | 10.109 | 98    | 1259289  | 50.325   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =     | 100.640% |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 300320   | 36.352   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =     | 72.700%  |
| Target Compounds            |        |       |          |          |       |          |
|                             |        |       |          |          |       | Qvalue   |
| 16) Acetone                 | 3.866  | 43    | 8182     | 7.347    | ug/l  | 94       |
| 20) Methylene Chloride      | 4.622  | 84    | 35453    | 5.887    | ug/l  | 95       |
| -----                       |        |       |          |          |       |          |

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

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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
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SS-01-0-1

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QLast Update : Wed Oct 08 05:12:50 2025  
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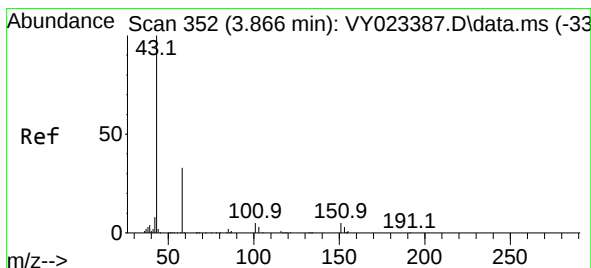
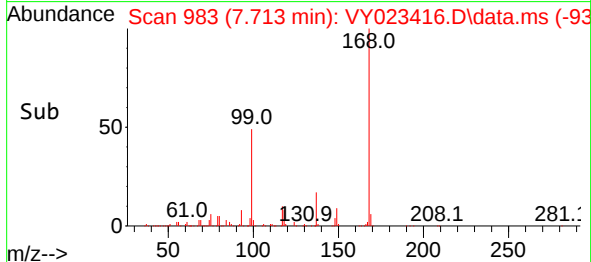
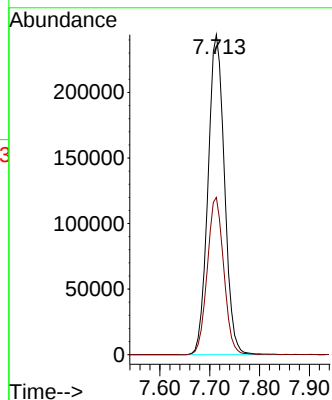
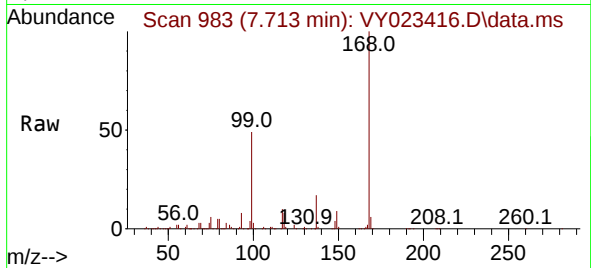




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.713 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY023416.D  
Acq: 09 Oct 2025 12:34

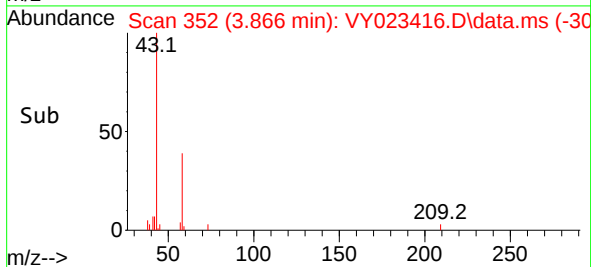
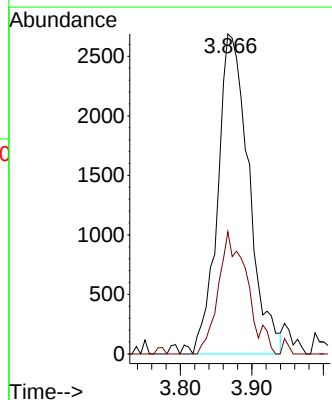
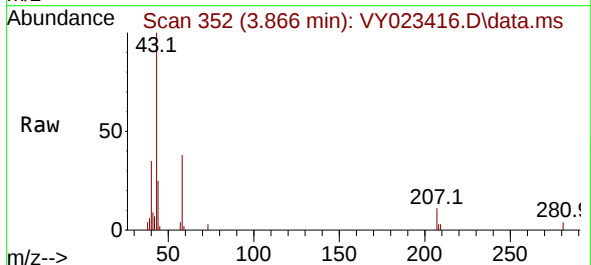
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SS-01-0-1

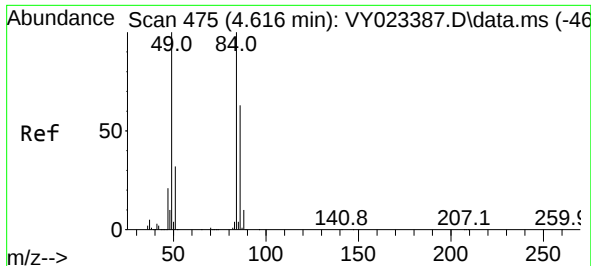
Tgt Ion:168 Resp: 559404  
Ion Ratio Lower Upper  
168 100  
99 49.2 39.7 59.5



#16  
Acetone  
Concen: 7.347 ug/l  
RT: 3.866 min Scan# 352  
Delta R.T. -0.000 min  
Lab File: VY023416.D  
Acq: 09 Oct 2025 12:34

Tgt Ion: 43 Resp: 8182  
Ion Ratio Lower Upper  
43 100  
58 38.2 27.7 41.5

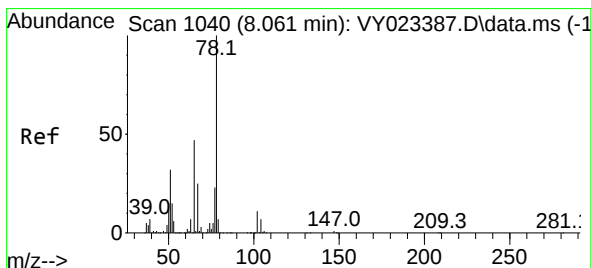
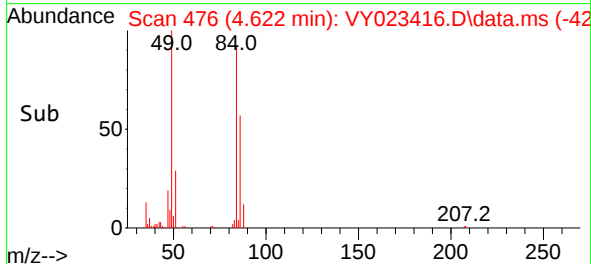
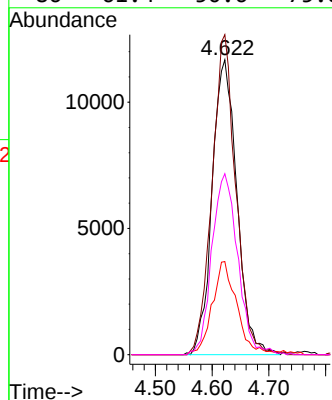
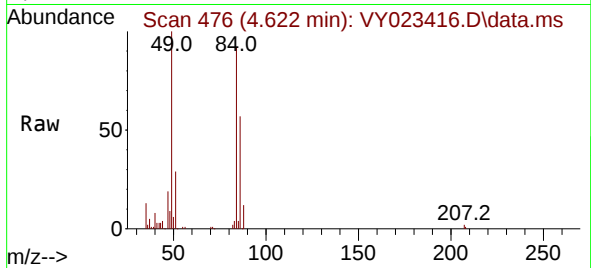




#20  
Methylene Chloride  
Concen: 5.887 ug/l  
RT: 4.622 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VY023416.D  
Acq: 09 Oct 2025 12:34

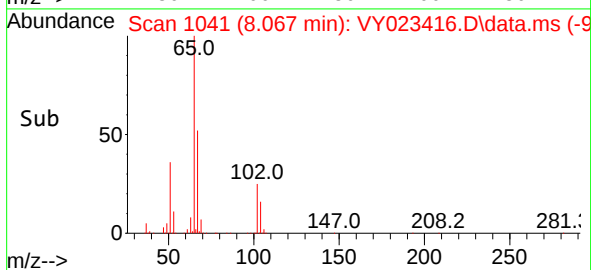
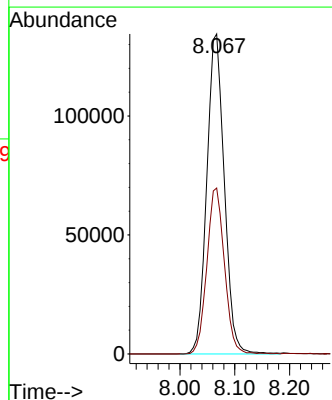
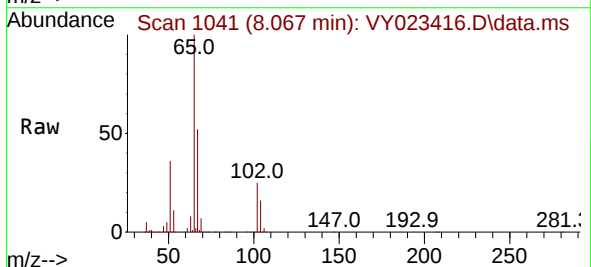
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SS-01-0-1

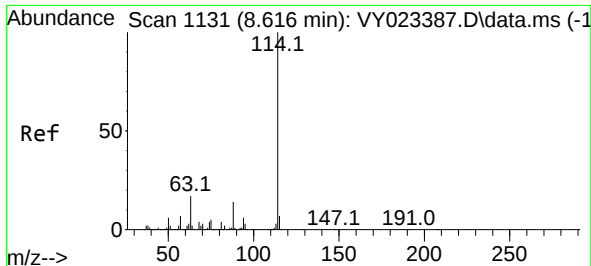
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 35453 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 108.5 | 80.2  | 120.4 |
| 51       | 31.6  | 25.9  | 38.9  |
| 86       | 61.4  | 50.6  | 75.8  |



#33  
1,2-Dichloroethane-d4  
Concen: 63.535 ug/l  
RT: 8.067 min Scan# 1041  
Delta R.T. 0.006 min  
Lab File: VY023416.D  
Acq: 09 Oct 2025 12:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 297204 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 52.1  | 0.0   | 105.8  |

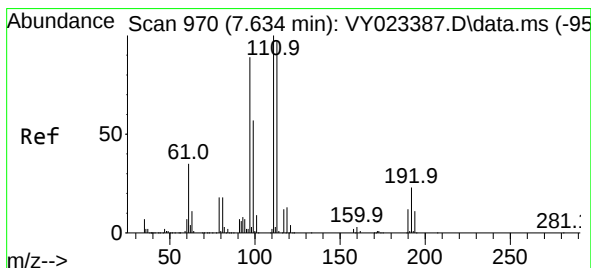
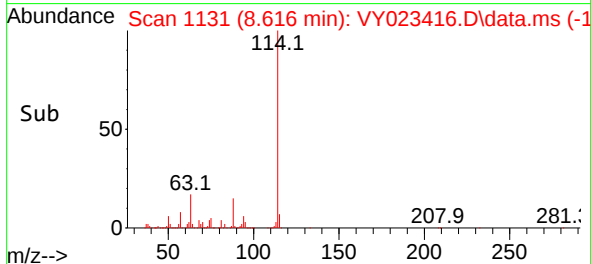
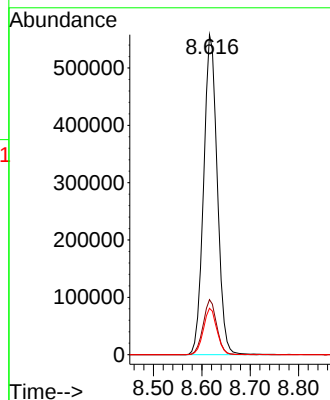
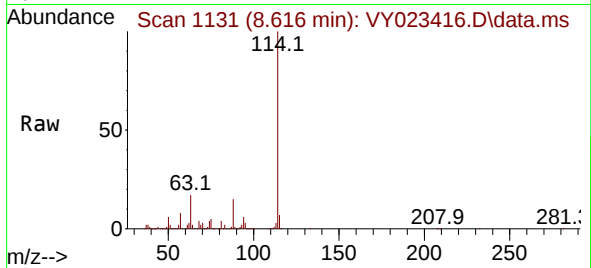




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.616 min Scan# 1131  
Delta R.T. -0.000 min  
Lab File: VY023416.D  
Acq: 09 Oct 2025 12:34

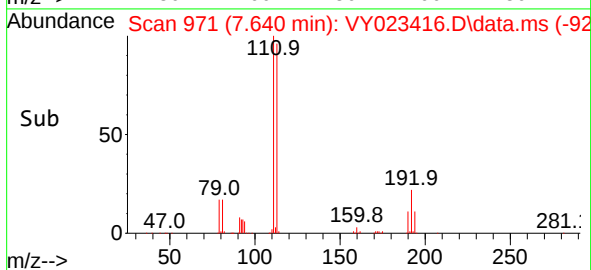
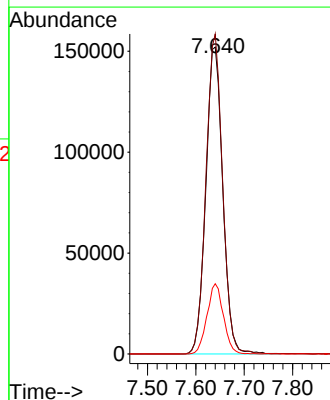
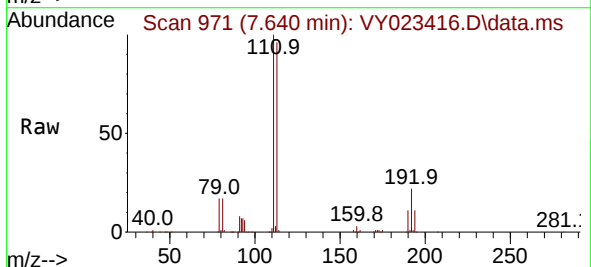
Instrument :  
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ClientSampleId :  
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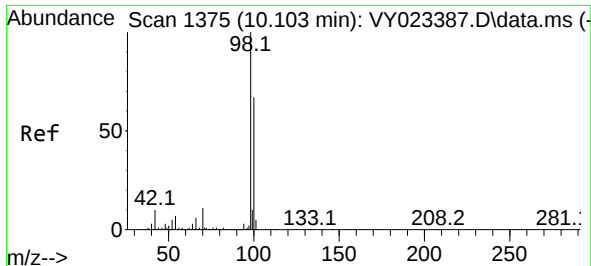
Tgt Ion:114 Resp: 1093543  
Ion Ratio Lower Upper  
114 100  
63 17.2 0.0 34.2  
88 14.5 0.0 28.4



#35  
Dibromofluoromethane  
Concen: 55.241 ug/l  
RT: 7.640 min Scan# 971  
Delta R.T. 0.006 min  
Lab File: VY023416.D  
Acq: 09 Oct 2025 12:34

Tgt Ion:113 Resp: 371179  
Ion Ratio Lower Upper  
113 100  
111 101.9 81.8 122.6  
192 22.1 18.0 27.0

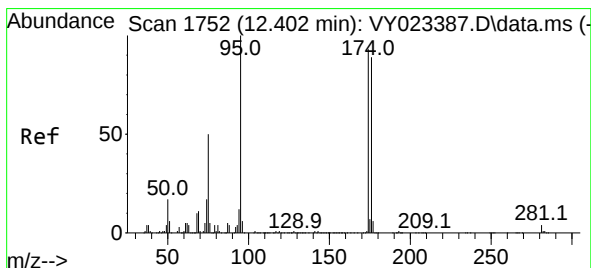
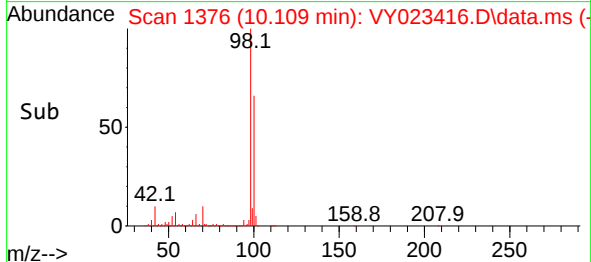
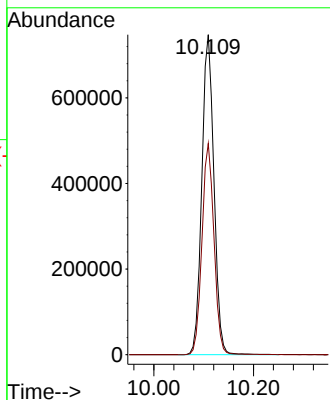
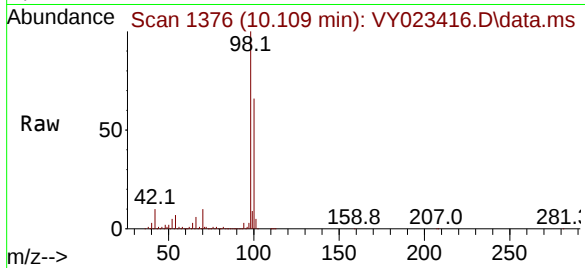




#50  
Toluene-d8  
Concen: 50.325 ug/l  
RT: 10.109 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY023416.D  
Acq: 09 Oct 2025 12:34

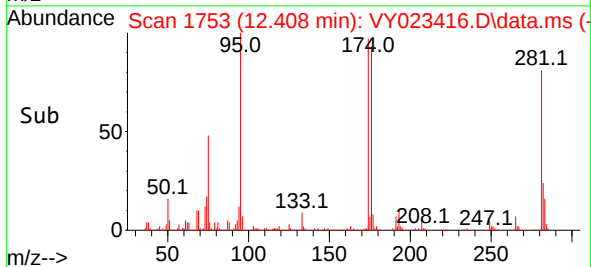
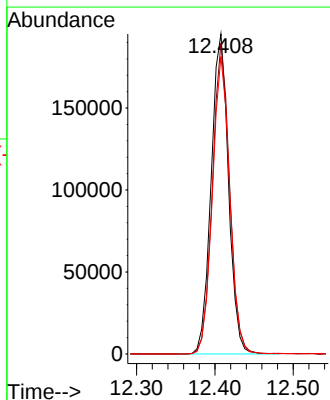
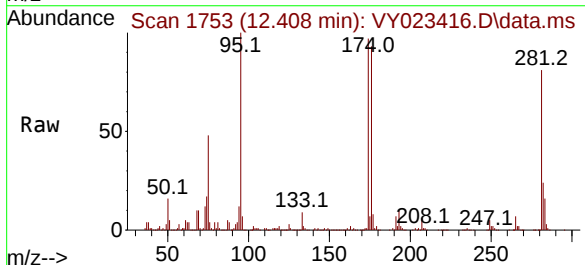
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SS-01-0-1

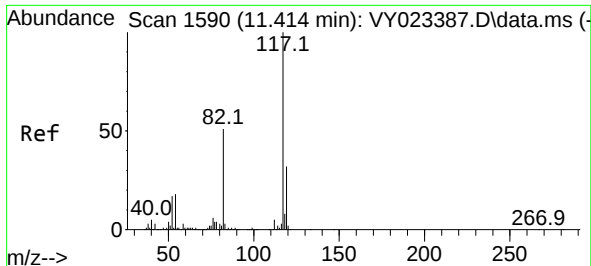
Tgt Ion: 98 Resp: 1259289  
Ion Ratio Lower Upper  
98 100  
100 65.5 53.0 79.4



#62  
4-Bromofluorobenzene  
Concen: 36.352 ug/l  
RT: 12.408 min Scan# 1753  
Delta R.T. 0.006 min  
Lab File: VY023416.D  
Acq: 09 Oct 2025 12:34

Tgt Ion: 95 Resp: 300320  
Ion Ratio Lower Upper  
95 100  
174 96.2 0.0 192.8  
176 92.5 0.0 187.6

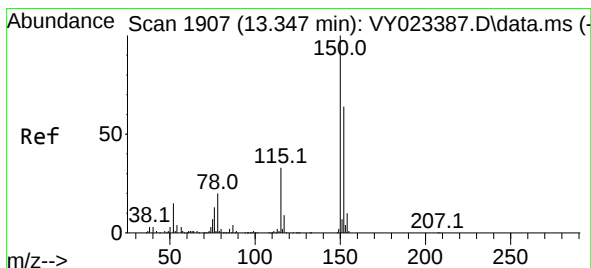
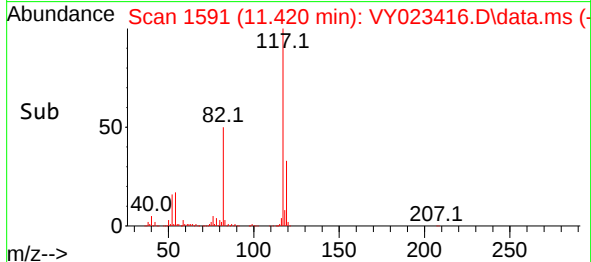
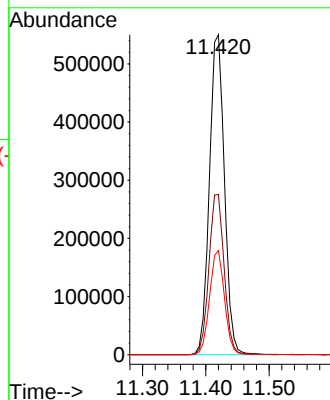
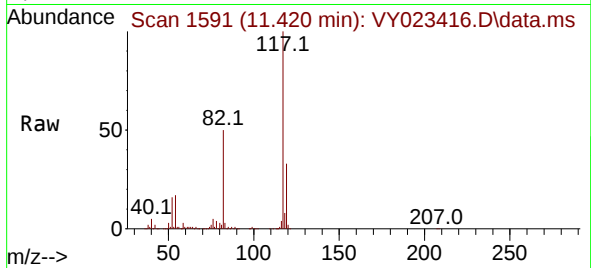




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.420 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY023416.D  
Acq: 09 Oct 2025 12:34

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SS-01-0-1

Tgt Ion:117 Resp: 911689  
Ion Ratio Lower Upper  
117 100  
82 50.1 41.0 61.4  
119 32.6 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: VY023416.D  
Acq: 09 Oct 2025 12:34

Tgt Ion:152 Resp: 232592  
Ion Ratio Lower Upper  
152 100  
115 53.7 27.1 81.2  
150 156.6 0.0 347.4

