

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY111325\  
 Data File : VY023779.D  
 Acq On : 13 Nov 2025 12:14  
 Operator : SY/MD  
 Sample : Q3615-01  
 Misc : 5.50g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 East Bathhouse- Concrete

Quant Time: Nov 13 13:32:47 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y110425S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 05 04:41:50 2025  
 Response via : Initial Calibration

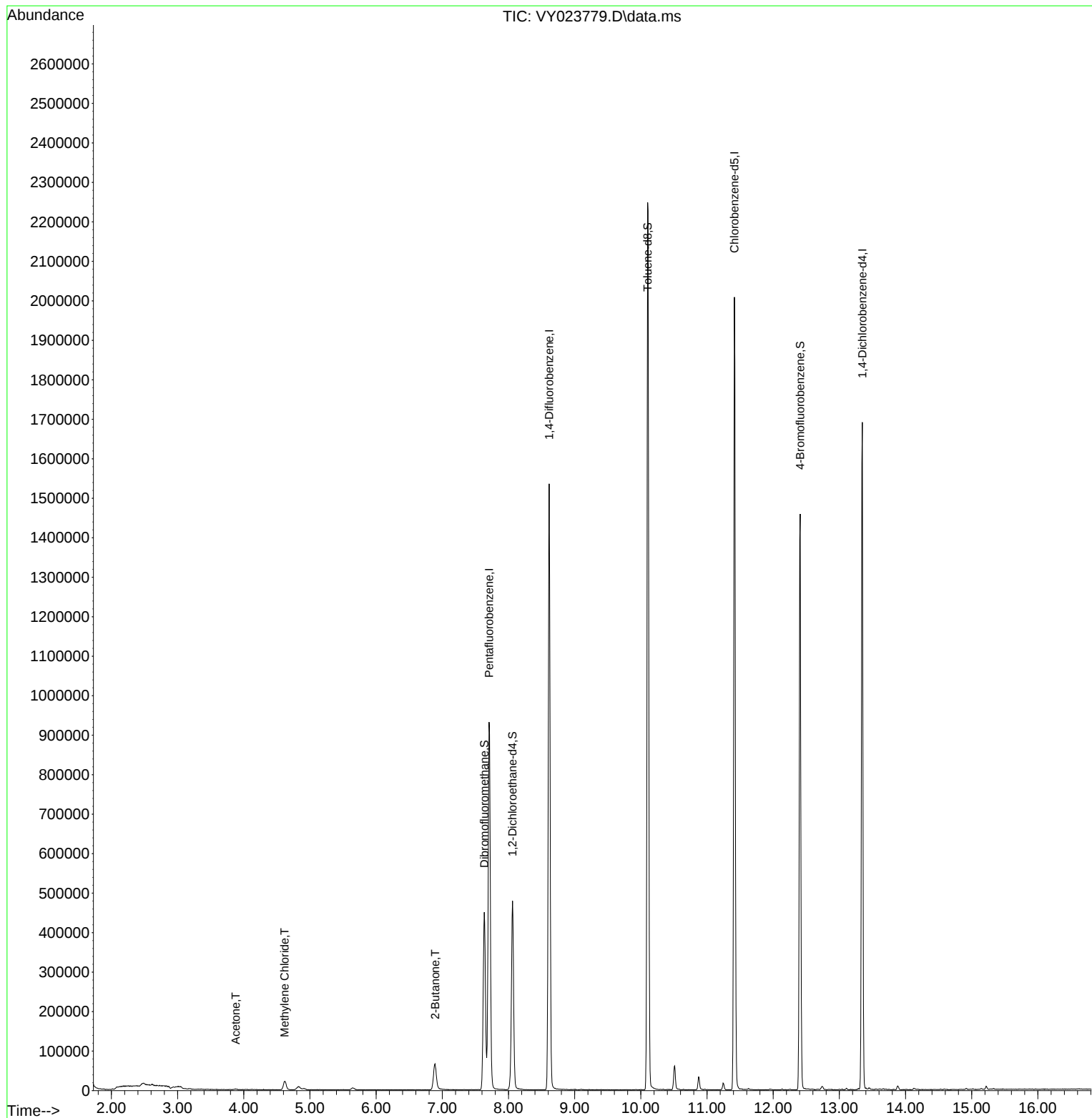
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.707  | 168   | 759197   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.616  | 114   | 1341213  | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.414 | 117   | 1126773  | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.346 | 152   | 446837   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 371216   | 57.321   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 114.640% |
| 35) Dibromofluoromethane    | 7.634  | 113   | 330109   | 39.385   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 78.760%  |
| 50) Toluene-d8              | 10.103 | 98    | 1517303  | 48.597   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =      | 97.200%  |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 432028   | 42.788   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =      | 85.580%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 3.879  | 43    | 2584     | 1.605    | ug/l   | 98       |
| 20) Methylene Chloride      | 4.616  | 84    | 17254    | 2.220    | ug/l   | 91       |
| 25) 2-Butanone              | 6.890  | 43    | 3616     | 1.943    | ug/l # | 78       |
| -----                       |        |       |          |          |        |          |

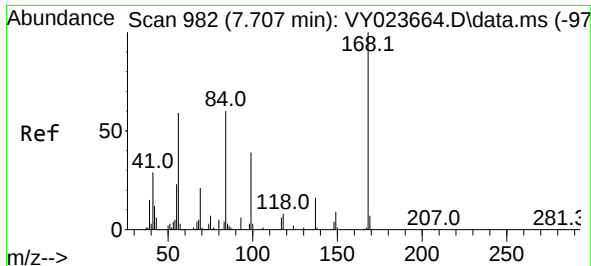
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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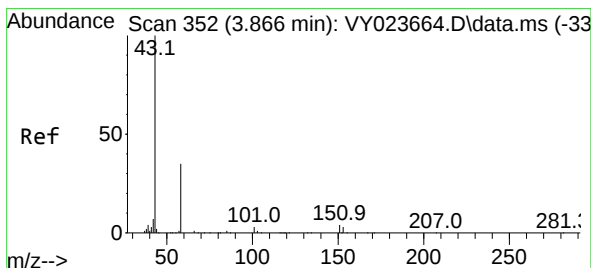
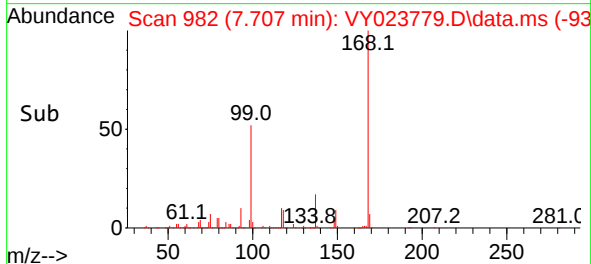
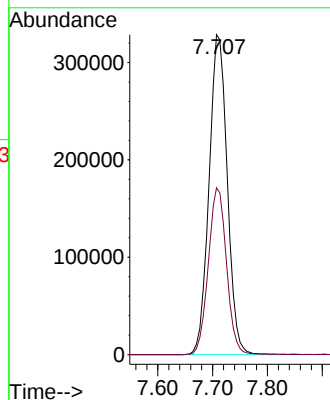
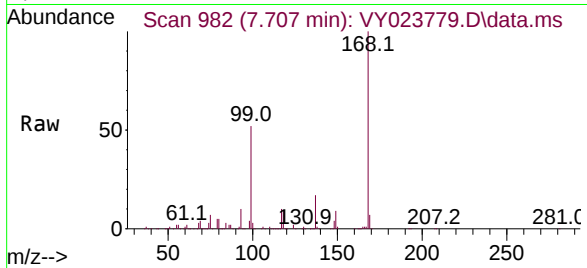




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.707 min Scan# 982  
Delta R.T. 0.000 min  
Lab File: VY023779.D  
Acq: 13 Nov 2025 12:14

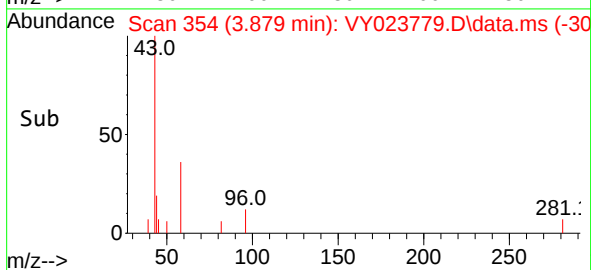
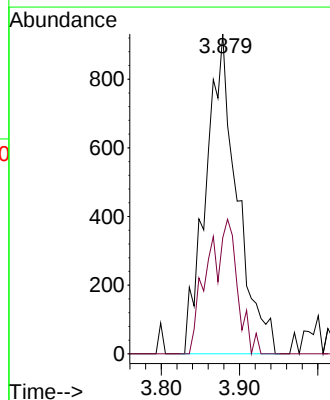
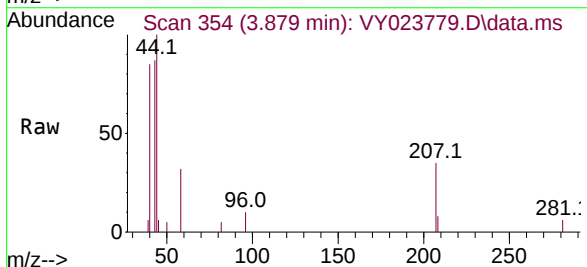
Instrument :  
MSVOA\_Y  
ClientSampleId :  
East Bathhouse- Concrete

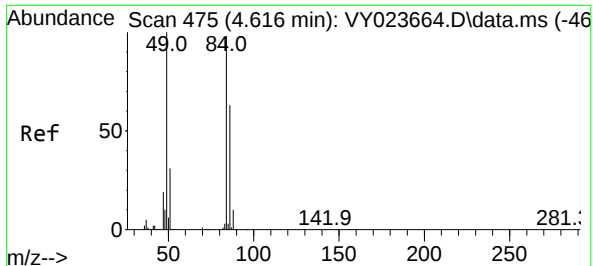
Tgt Ion:168 Resp: 759197  
Ion Ratio Lower Upper  
168 100  
99 52.1 41.0 61.4



#16  
Acetone  
Concen: 1.605 ug/l  
RT: 3.879 min Scan# 354  
Delta R.T. 0.012 min  
Lab File: VY023779.D  
Acq: 13 Nov 2025 12:14

Tgt Ion: 43 Resp: 2584  
Ion Ratio Lower Upper  
43 100  
58 36.3 28.2 42.4

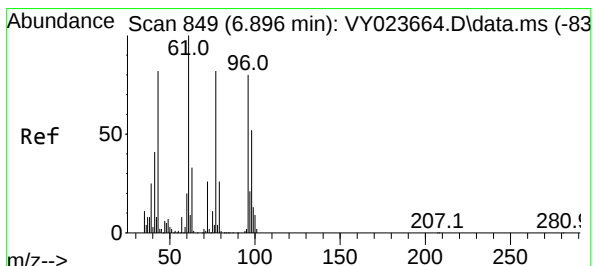
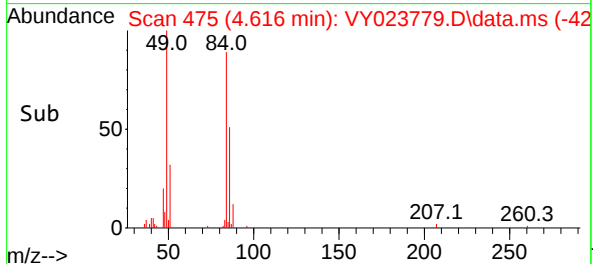
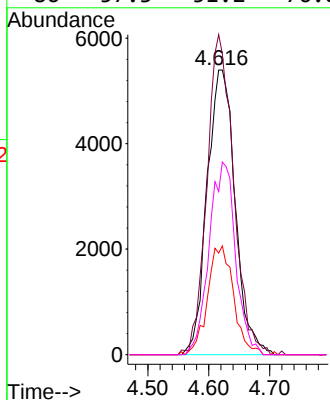
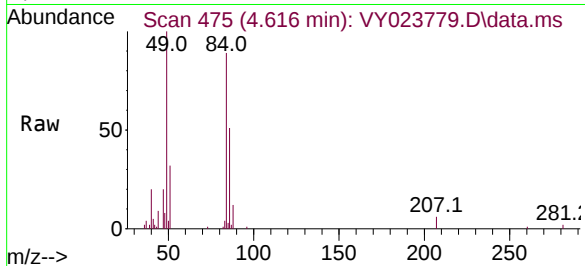




#20  
Methylene Chloride  
Concen: 2.220 ug/l  
RT: 4.616 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VY023779.D  
Acq: 13 Nov 2025 12:14

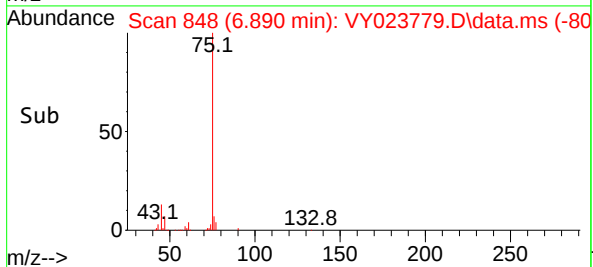
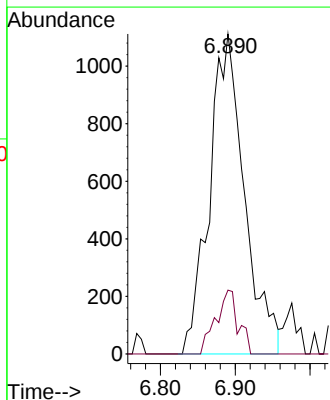
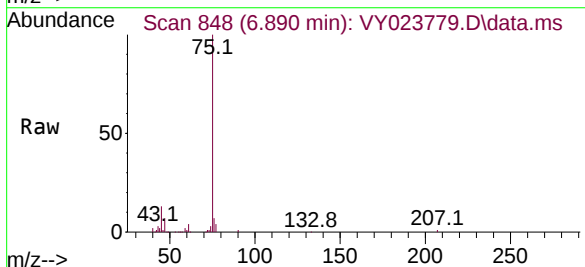
Instrument :  
MSVOA\_Y  
ClientSampleId :  
East Bathhouse- Concrete

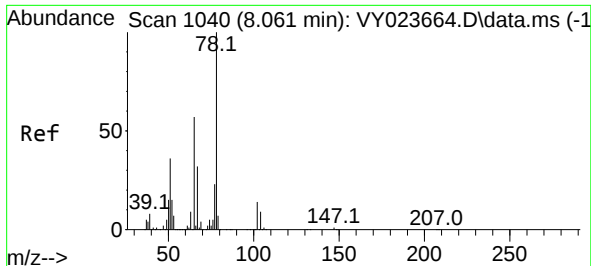
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 17254 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 112.4 | 81.5  | 122.3 |
| 51       | 35.7  | 25.5  | 38.3  |
| 86       | 57.3  | 51.2  | 76.8  |



#25  
2-Butanone  
Concen: 1.943 ug/l  
RT: 6.890 min Scan# 848  
Delta R.T. -0.006 min  
Lab File: VY023779.D  
Acq: 13 Nov 2025 12:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 3616  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 20.0  | 25.7  | 38.5# |





#33

1,2-Dichloroethane-d4

Concen: 57.321 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY023779.D

Acq: 13 Nov 2025 12:14

Instrument :

MSVOA\_Y

ClientSampleId :

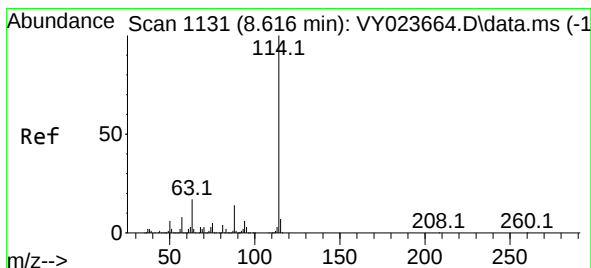
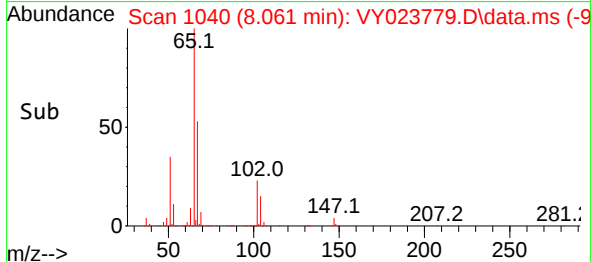
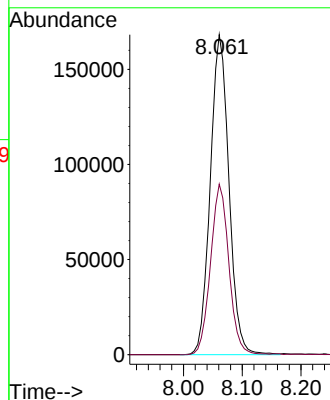
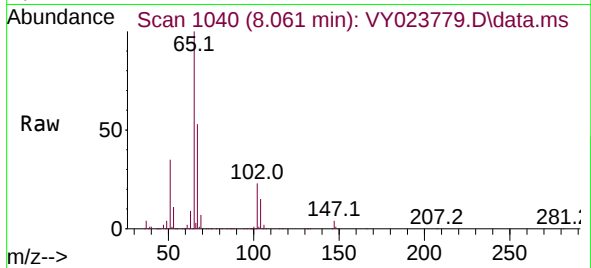
East Bathhouse- Concrete

Tgt Ion: 65 Resp: 371216

Ion Ratio Lower Upper

65 100

67 52.3 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: VY023779.D

Acq: 13 Nov 2025 12:14

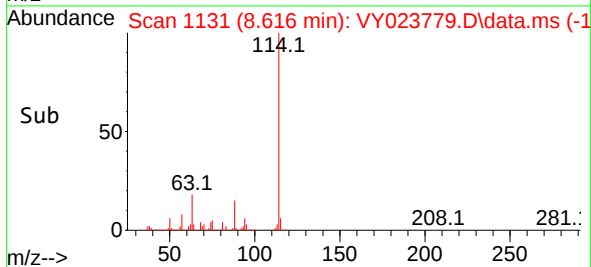
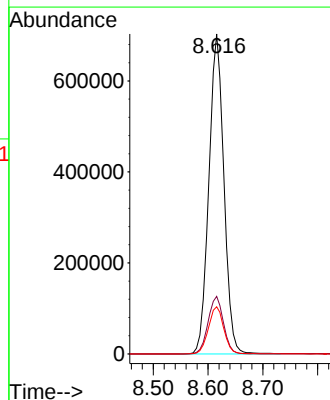
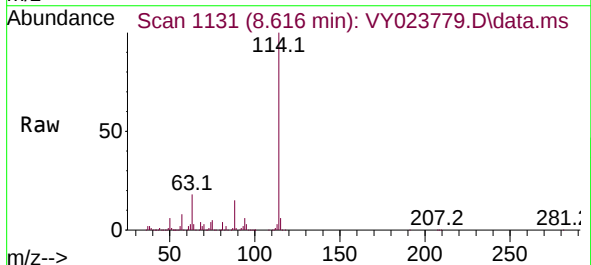
Tgt Ion: 114 Resp: 1341213

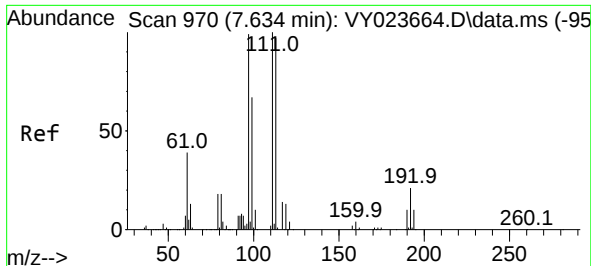
Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.8

88 14.7 0.0 29.0

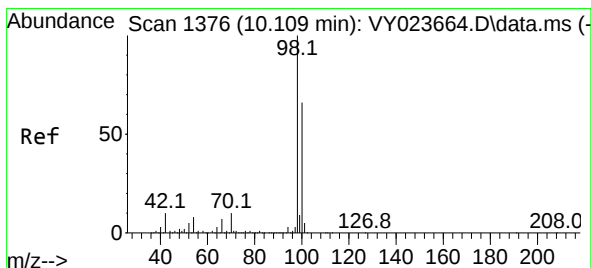
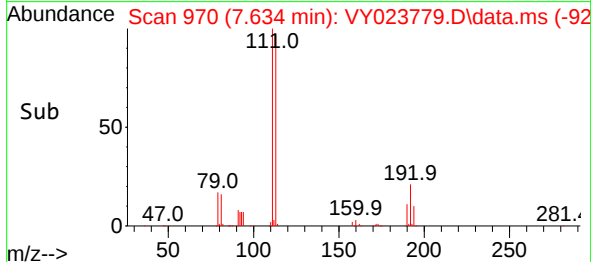
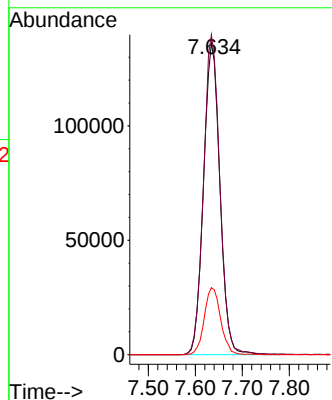
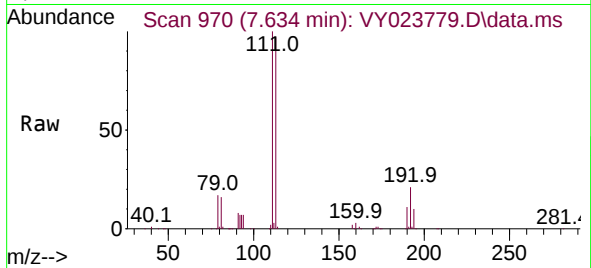




#35  
Dibromofluoromethane  
Concen: 39.385 ug/l  
RT: 7.634 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY023779.D  
Acq: 13 Nov 2025 12:14

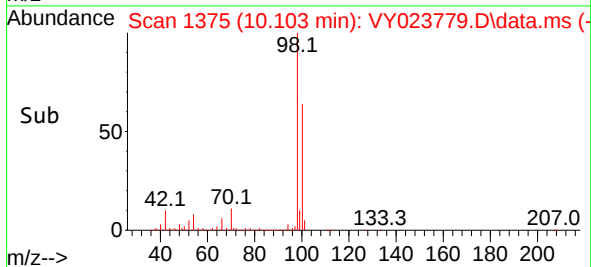
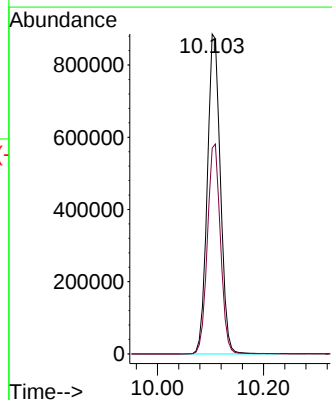
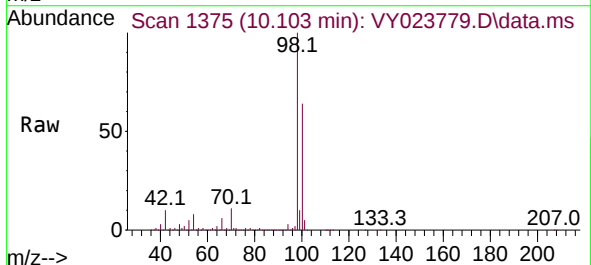
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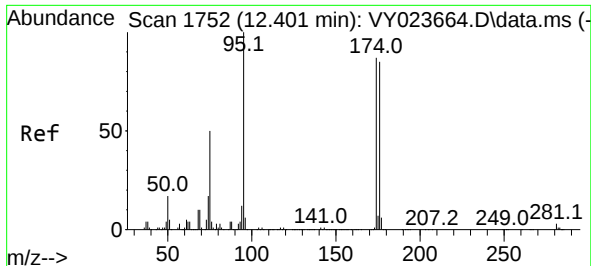
Tgt Ion:113 Resp: 330109  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.2 123.4  
192 21.5 17.3 25.9



#50  
Toluene-d8  
Concen: 48.597 ug/l  
RT: 10.103 min Scan# 1375  
Delta R.T. -0.006 min  
Lab File: VY023779.D  
Acq: 13 Nov 2025 12:14

Tgt Ion: 98 Resp: 1517303  
Ion Ratio Lower Upper  
98 100  
100 65.3 52.7 79.1

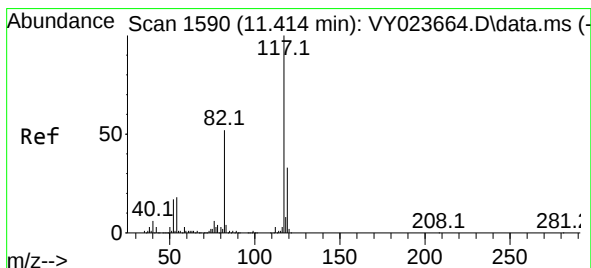
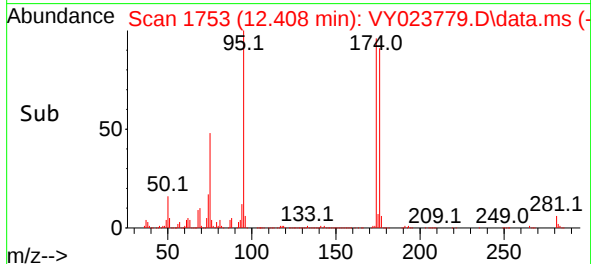
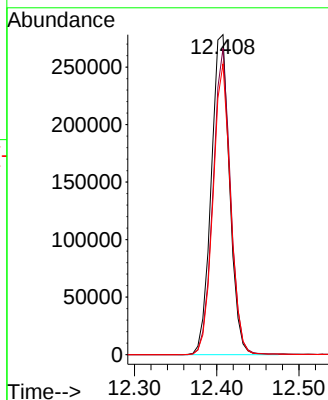
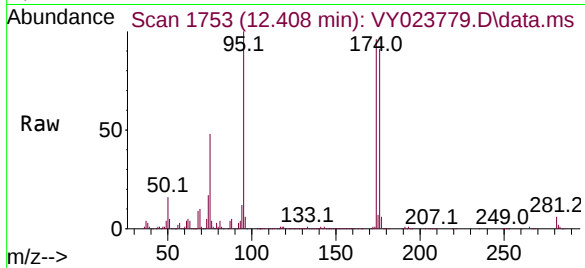




#62  
4-Bromofluorobenzene  
Concen: 42.788 ug/l  
RT: 12.408 min Scan# 1753  
Delta R.T. 0.006 min  
Lab File: VY023779.D  
Acq: 13 Nov 2025 12:14

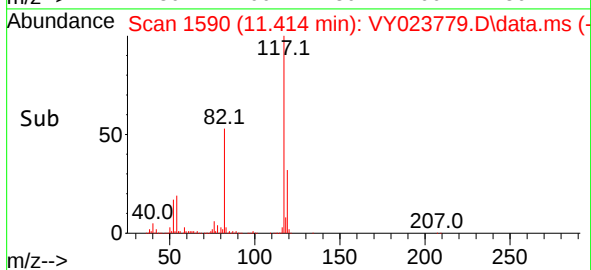
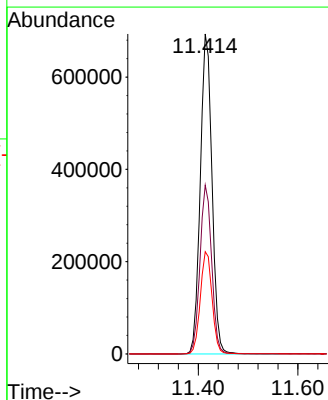
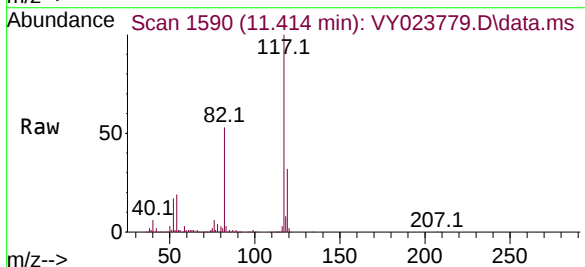
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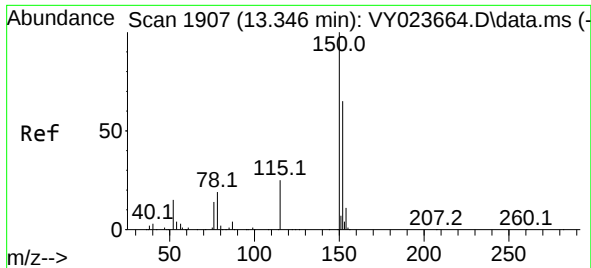
Tgt Ion: 95 Resp: 432028  
Ion Ratio Lower Upper  
95 100  
174 91.4 0.0 184.8  
176 87.1 0.0 181.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.414 min Scan# 1590  
Delta R.T. -0.000 min  
Lab File: VY023779.D  
Acq: 13 Nov 2025 12:14

Tgt Ion: 117 Resp: 1126773  
Ion Ratio Lower Upper  
117 100  
82 52.7 41.2 61.8  
119 31.9 26.2 39.2





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.346 min Scan# 19  
 Delta R.T. -0.000 min  
 Lab File: VY023779.D  
 Acq: 13 Nov 2025 12:14

Instrument :  
 MSVOA\_Y  
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Tgt Ion:152 Resp: 446837  
 Ion Ratio Lower Upper  
 152 100  
 115 57.0 27.5 82.5  
 150 157.8 0.0 349.0

