

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040825\  
 Data File : VX045646.D  
 Acq On : 08 Apr 2025 12:51  
 Operator : JC/MD  
 Sample : PB167492ZHE04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB167492ZHE04

Quant Time: Apr 09 01:37:04 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 02 03:11:43 2025  
 Response via : Initial Calibration

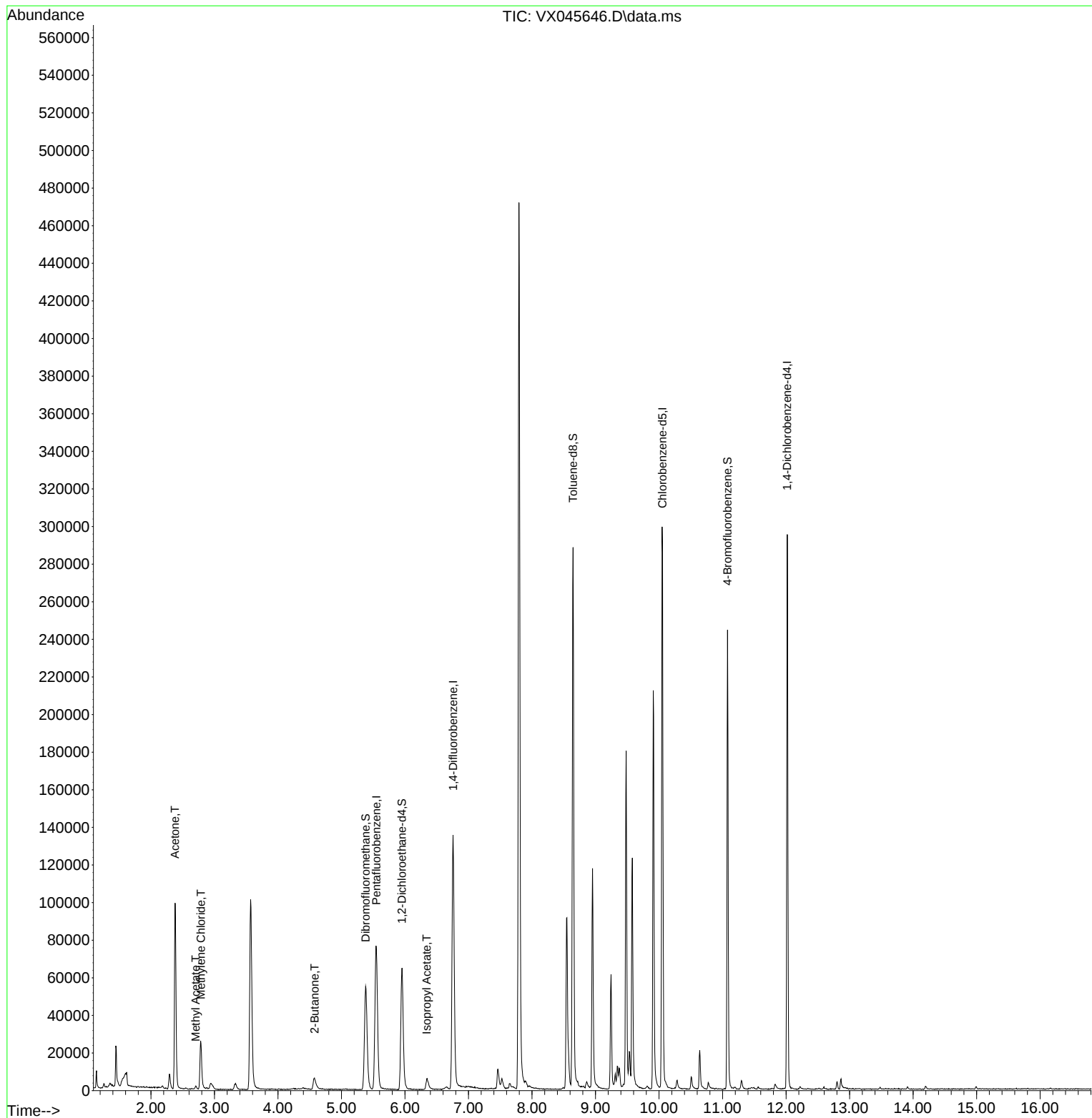
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550     | 168   | 64887    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757     | 114   | 129172   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 123497   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018    | 152   | 52598    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952     | 65    | 65484    | 55.186   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | =      | 110.380% |
| 35) Dibromofluoromethane    | 5.379     | 113   | 47237    | 51.542   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =      | 103.080% |
| 50) Toluene-d8              | 8.647     | 98    | 164952   | 51.566   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | =      | 103.140% |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 61735    | 52.983   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 77 - 121 | Recovery | =      | 105.960% |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.380     | 43    | 108536   | 222.749  | ug/l   | 98       |
| 18) Methyl Acetate          | 2.703     | 43    | 2259     | 2.014    | ug/l   | 97       |
| 20) Methylene Chloride      | 2.788     | 84    | 11788    | 12.923   | ug/l   | 98       |
| 25) 2-Butanone              | 4.574     | 43    | 12363    | 17.333   | ug/l   | 100      |
| 43) Isopropyl Acetate       | 6.342     | 43    | 8913     | 3.771    | ug/l   | 96       |
| -----                       |           |       |          |          |        |          |

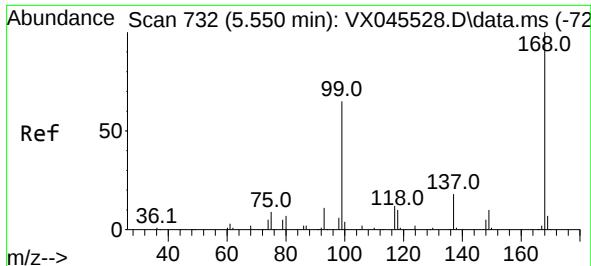
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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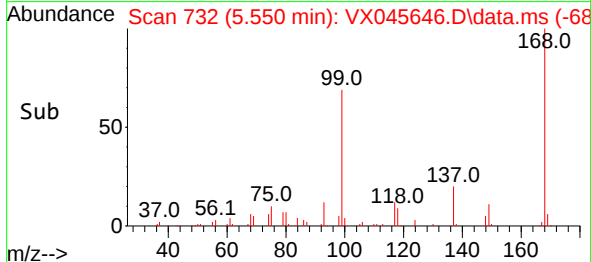
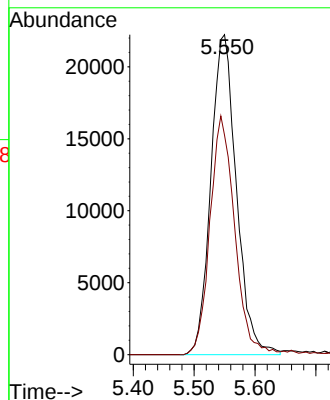
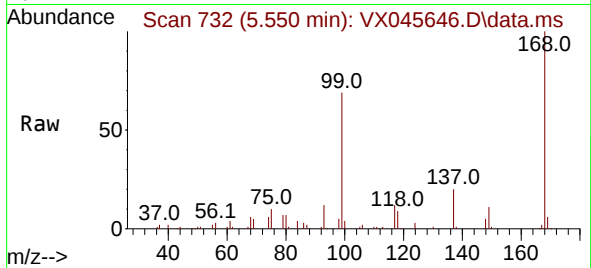




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX045646.D  
Acq: 08 Apr 2025 12:51

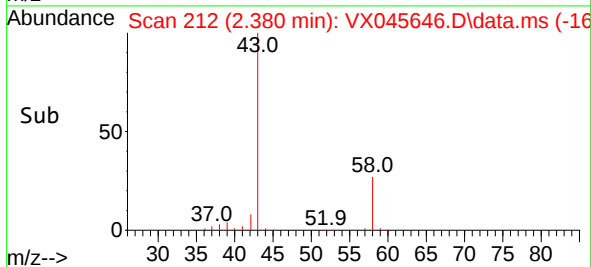
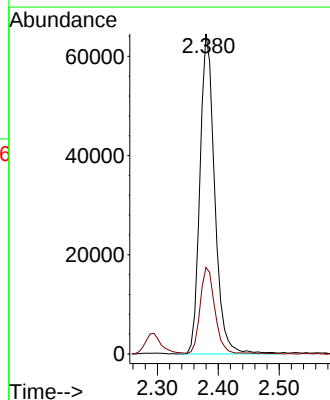
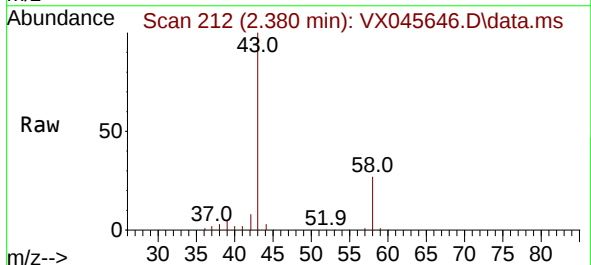
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB167492ZHE04

Tgt Ion:168 Resp: 64887  
Ion Ratio Lower Upper  
168 100  
99 68.6 52.3 78.5



#16  
Acetone  
Concen: 222.749 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX045646.D  
Acq: 08 Apr 2025 12:51

Tgt Ion: 43 Resp: 108536  
Ion Ratio Lower Upper  
43 100  
58 26.9 22.3 33.5

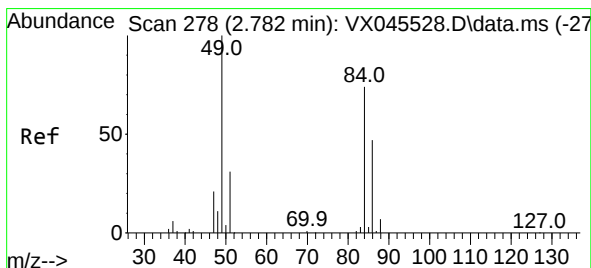
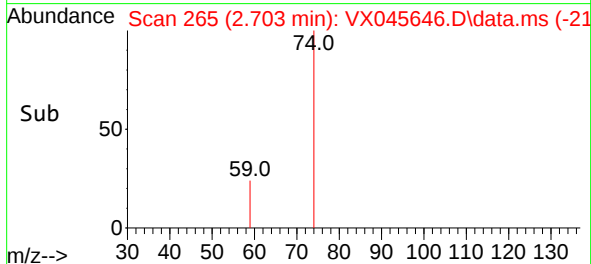
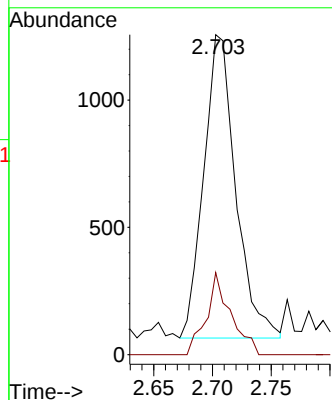
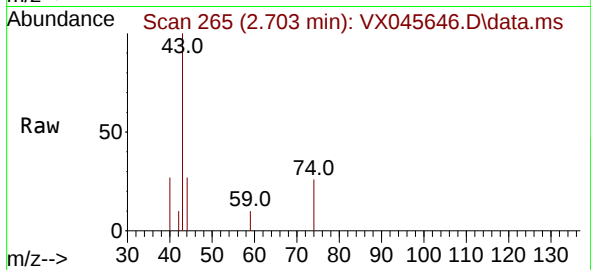




#18  
Methyl Acetate  
Concen: 2.014 ug/l  
RT: 2.703 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX045646.D  
Acq: 08 Apr 2025 12:51

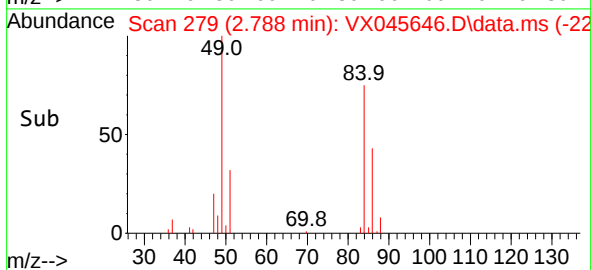
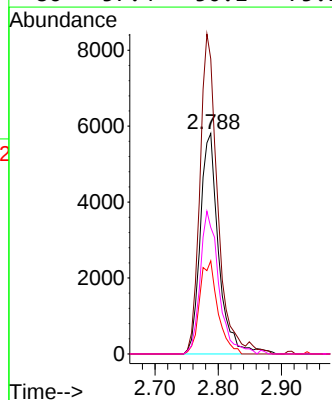
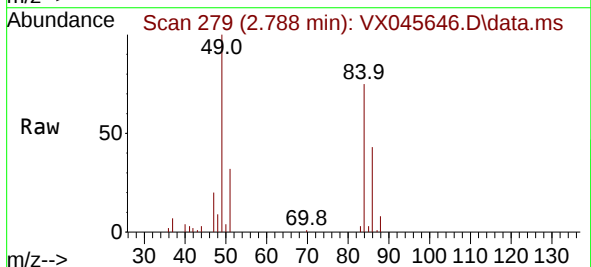
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB167492ZHE04

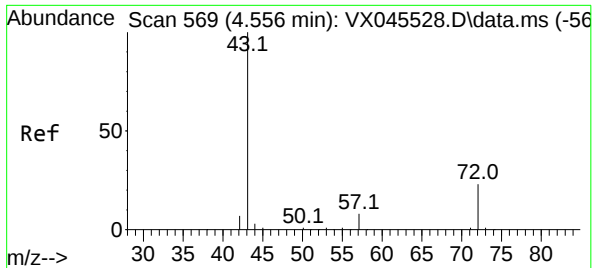
Tgt Ion: 43 Resp: 2259  
Ion Ratio Lower Upper  
43 100  
74 20.6 17.5 26.3



#20  
Methylene Chloride  
Concen: 12.923 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.006 min  
Lab File: VX045646.D  
Acq: 08 Apr 2025 12:51

Tgt Ion: 84 Resp: 11788  
Ion Ratio Lower Upper  
84 100  
49 133.8 107.5 161.3  
51 42.3 33.0 49.6  
86 57.4 50.1 75.1

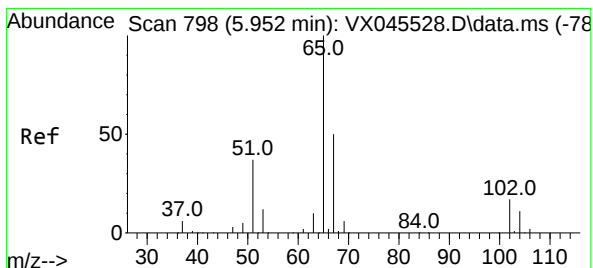
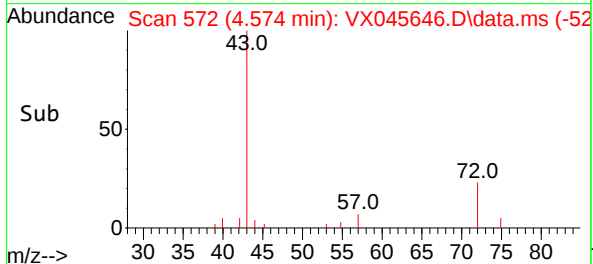
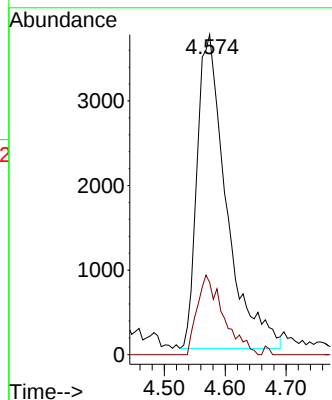
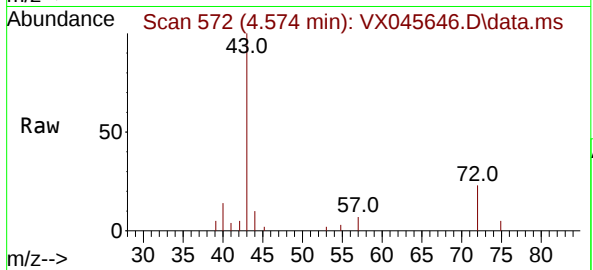




#25  
2-Butanone  
Concen: 17.333 ug/l  
RT: 4.574 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: VX045646.D  
Acq: 08 Apr 2025 12:51

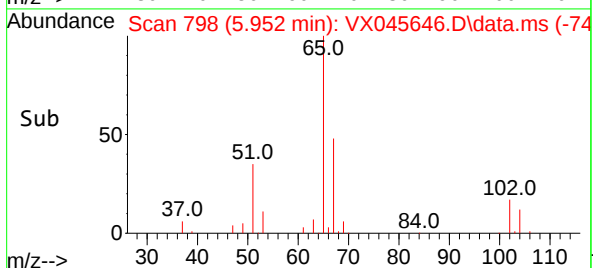
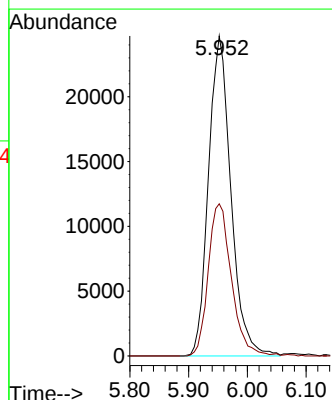
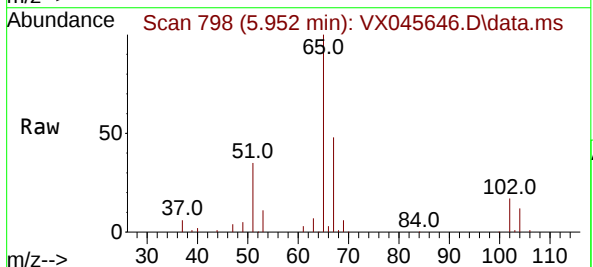
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB167492ZHE04

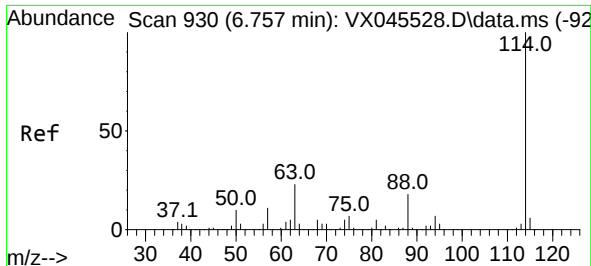
Tgt Ion: 43 Resp: 12363  
Ion Ratio Lower Upper  
43 100  
72 23.1 18.6 28.0



#33  
1,2-Dichloroethane-d4  
Concen: 55.186 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX045646.D  
Acq: 08 Apr 2025 12:51

Tgt Ion: 65 Resp: 65484  
Ion Ratio Lower Upper  
65 100  
67 49.2 0.0 99.0

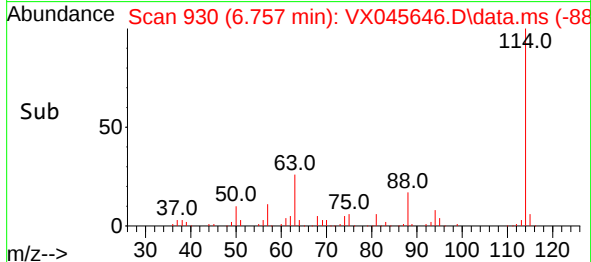
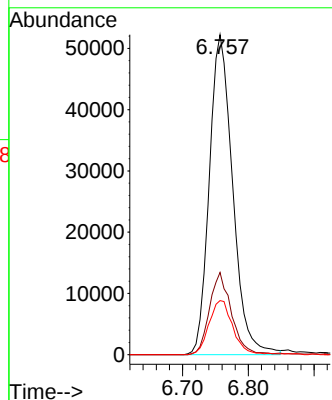
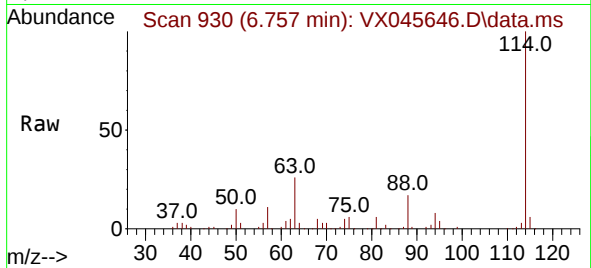




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX045646.D  
Acq: 08 Apr 2025 12:51

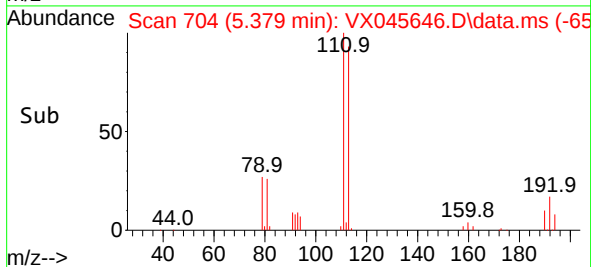
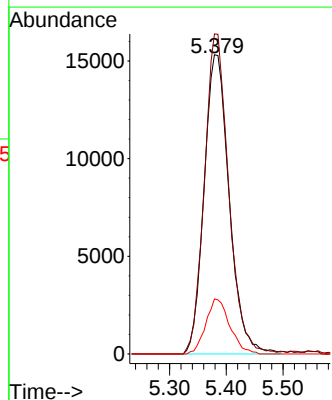
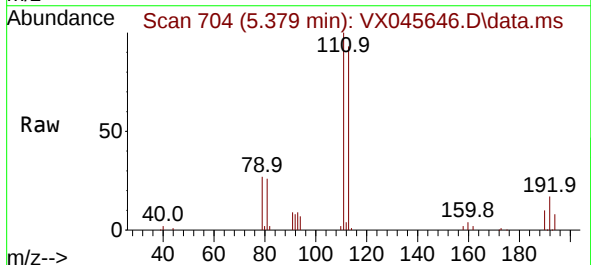
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB167492ZHE04

Tgt Ion:114 Resp: 129172  
Ion Ratio Lower Upper  
114 100  
63 25.7 0.0 46.8  
88 16.9 0.0 35.4



#35  
Dibromofluoromethane  
Concen: 51.542 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX045646.D  
Acq: 08 Apr 2025 12:51

Tgt Ion:113 Resp: 47237  
Ion Ratio Lower Upper  
113 100  
111 103.1 81.8 122.6  
192 17.5 13.8 20.6

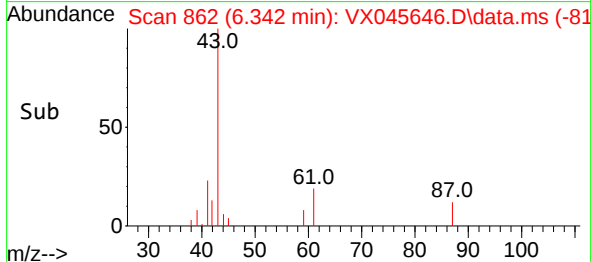
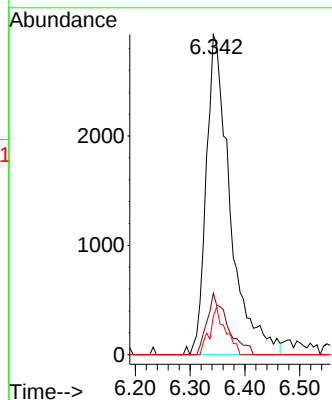
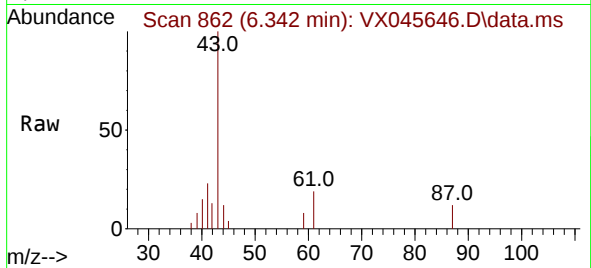




#43  
Isopropyl Acetate  
Concen: 3.771 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.006 min  
Lab File: VX045646.D  
Acq: 08 Apr 2025 12:51

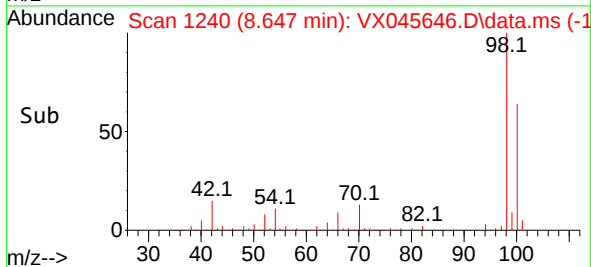
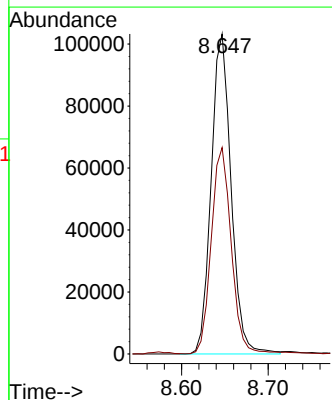
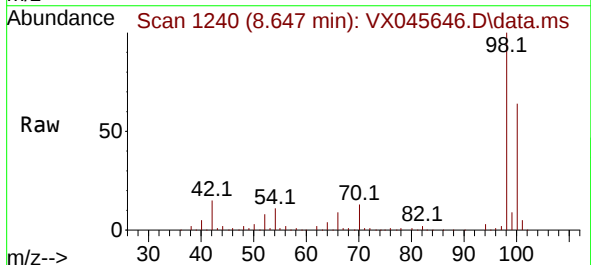
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB167492ZHE04

Tgt Ion: 43 Resp: 8913  
Ion Ratio Lower Upper  
43 100  
61 16.3 14.1 21.1  
87 9.7 9.2 13.8



#50  
Toluene-d8  
Concen: 51.566 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX045646.D  
Acq: 08 Apr 2025 12:51

Tgt Ion: 98 Resp: 164952  
Ion Ratio Lower Upper  
98 100  
100 64.8 52.2 78.4

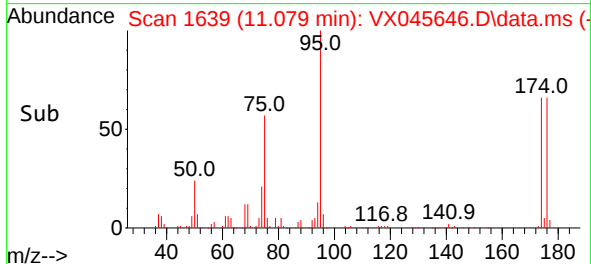
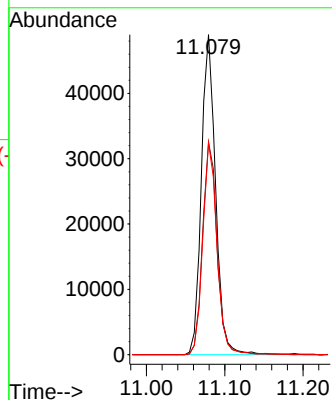
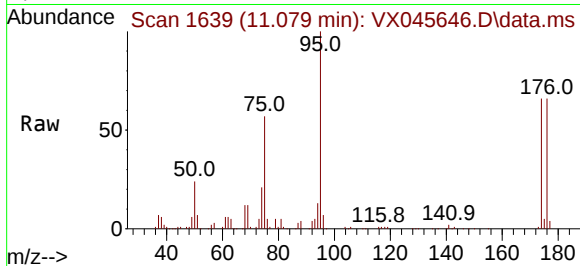




#62  
4-Bromofluorobenzene  
Concen: 52.983 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX045646.D  
Acq: 08 Apr 2025 12:51

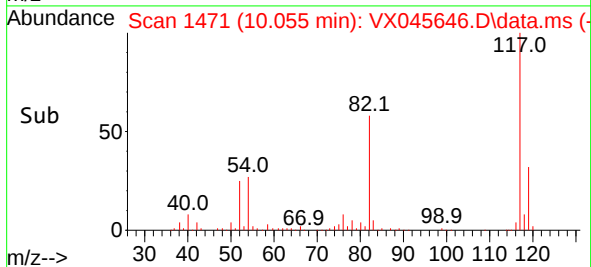
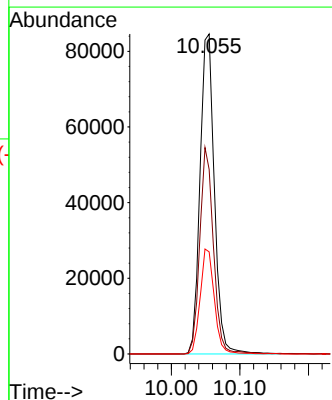
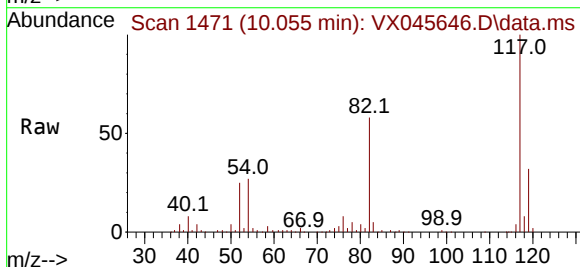
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB167492ZHE04

Tgt Ion: 95 Resp: 61735  
Ion Ratio Lower Upper  
95 100  
174 68.0 0.0 135.8  
176 66.2 0.0 131.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.006 min  
Lab File: VX045646.D  
Acq: 08 Apr 2025 12:51

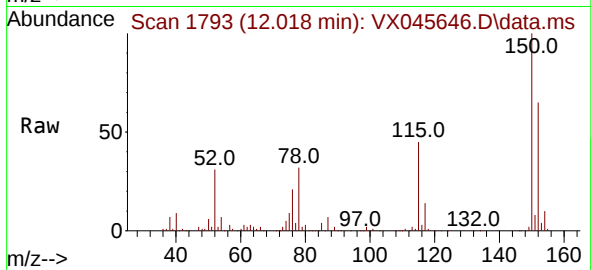
Tgt Ion: 117 Resp: 123497  
Ion Ratio Lower Upper  
117 100  
82 57.6 49.2 73.8  
119 31.9 25.1 37.7





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.018 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX045646.D  
 Acq: 08 Apr 2025 12:51

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB167492ZHE04



Tgt Ion:152 Resp: 52598  
 Ion Ratio Lower Upper  
 152 100  
 115 65.7 46.9 140.7  
 150 156.0 0.0 349.4

