

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040825\  
 Data File : VX045651.D  
 Acq On : 08 Apr 2025 14:47  
 Operator : JC/MD  
 Sample : PB167492ZHE09  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB167492ZHE09

Quant Time: Apr 09 01:39:24 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

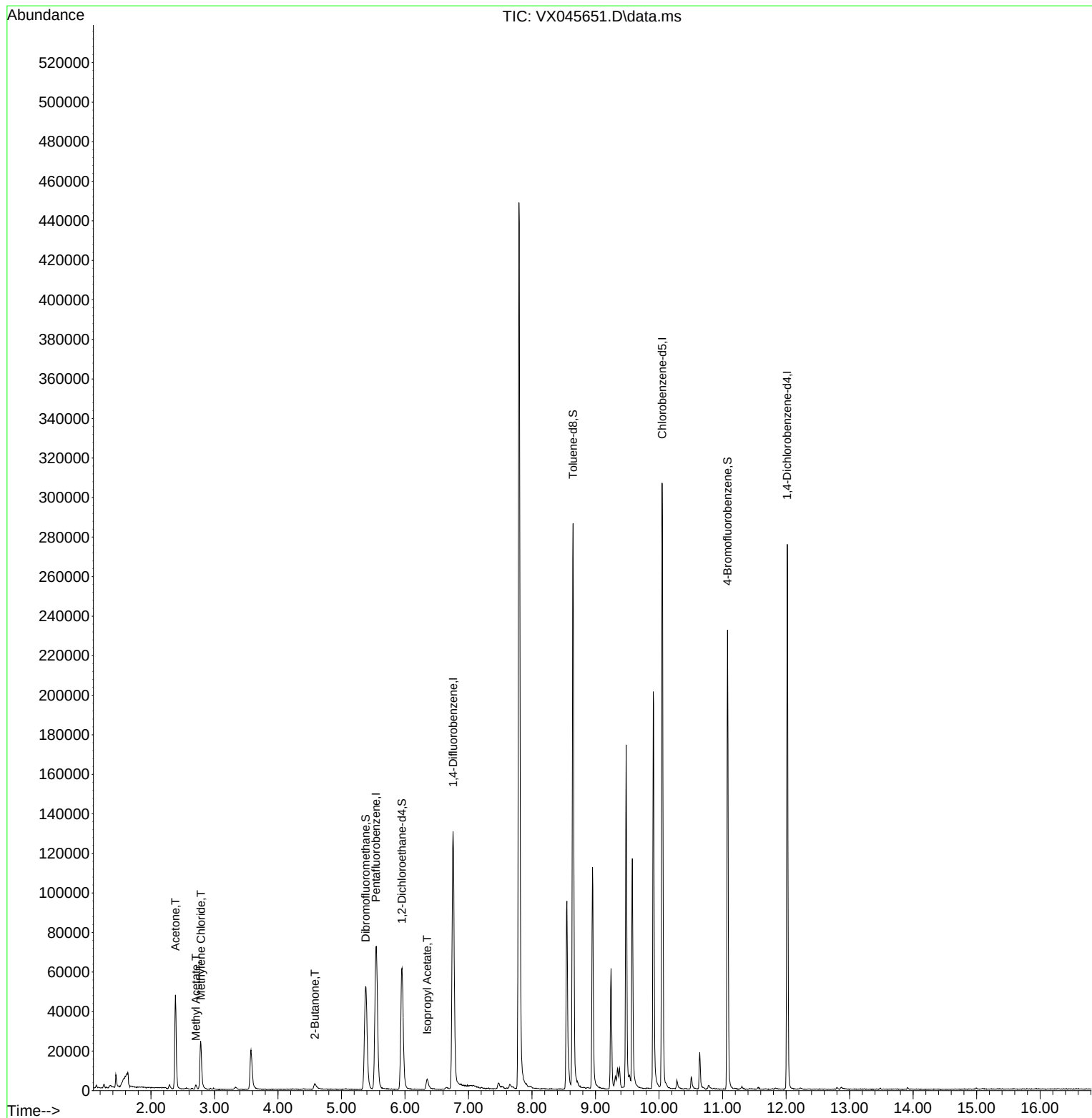
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.544  | 168   | 64086    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 125948   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.049 | 117   | 122255   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 50723    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 63835    | 54.468   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 108.940% |          |
| 35) Dibromofluoromethane    | 5.379  | 113   | 46017    | 51.496   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 103.000% |          |
| 50) Toluene-d8              | 8.647  | 98    | 162907   | 52.230   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 104.460% |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 61922    | 54.504   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 109.000% |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 16) Acetone                 | 2.386  | 43    | 52873    | 109.868  | ug/l       | 98       |
| 18) Methyl Acetate          | 2.709  | 43    | 2953     | 2.665    | ug/l #     | 90       |
| 20) Methylene Chloride      | 2.788  | 84    | 11492    | 12.756   | ug/l       | 93       |
| 25) 2-Butanone              | 4.580  | 43    | 6805     | 9.660    | ug/l #     | 90       |
| 43) Isopropyl Acetate       | 6.348  | 43    | 8065     | 3.500    | ug/l       | 98       |
| -----                       |        |       |          |          |            |          |

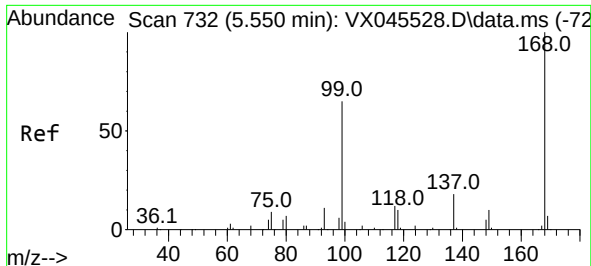
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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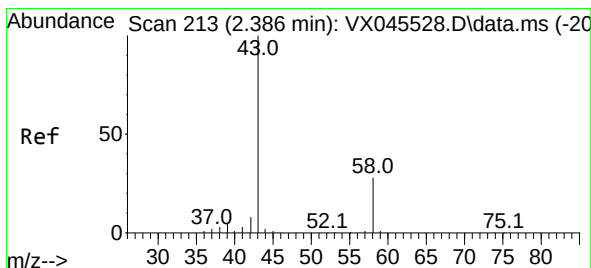
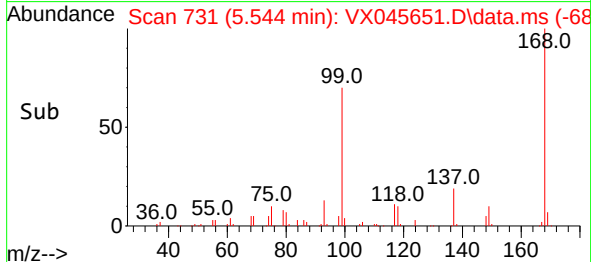
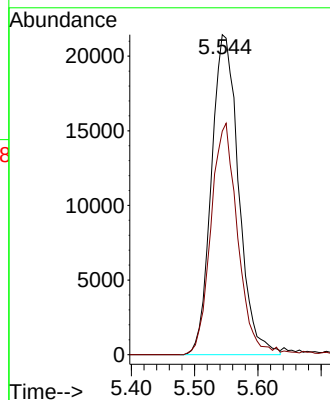
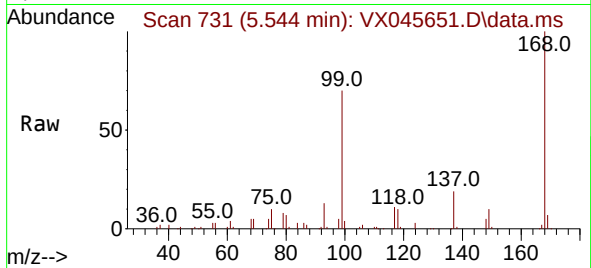




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.006 min  
Lab File: VX045651.D  
Acq: 08 Apr 2025 14:47

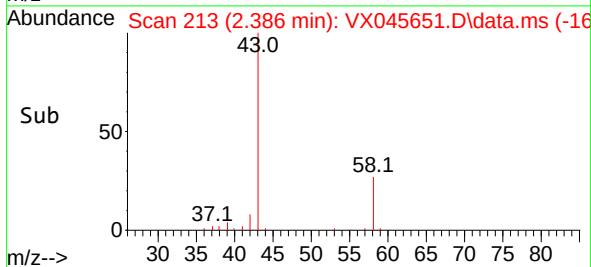
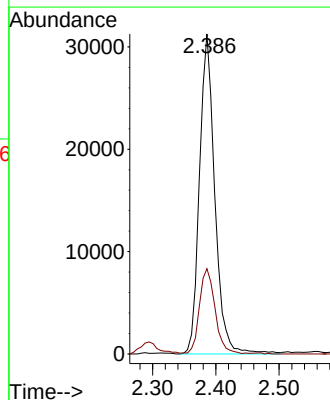
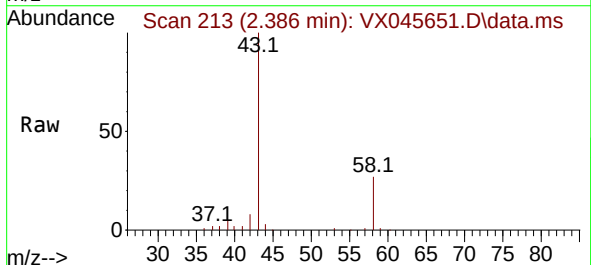
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB167492ZHE09

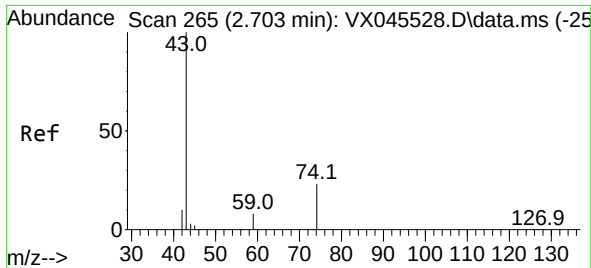
Tgt Ion:168 Resp: 64086  
Ion Ratio Lower Upper  
168 100  
99 69.9 52.3 78.5



#16  
Acetone  
Concen: 109.868 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.000 min  
Lab File: VX045651.D  
Acq: 08 Apr 2025 14:47

Tgt Ion: 43 Resp: 52873  
Ion Ratio Lower Upper  
43 100  
58 26.7 22.3 33.5

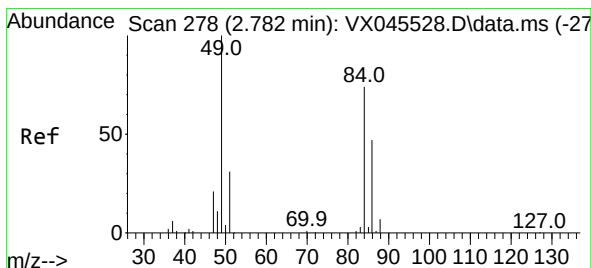
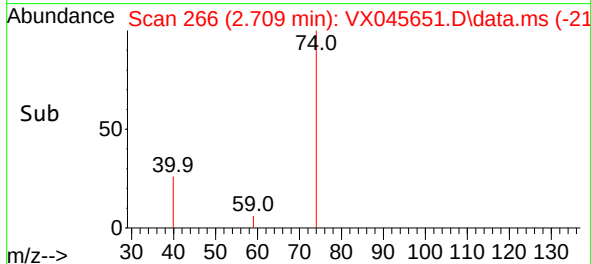
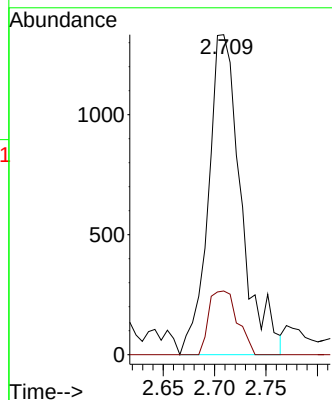
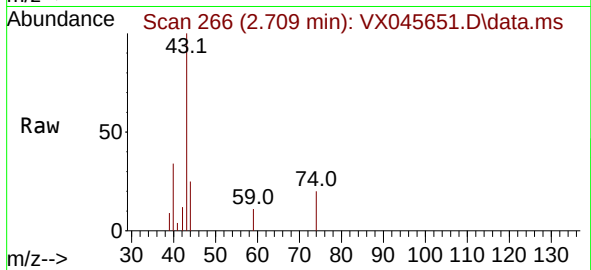




#18  
Methyl Acetate  
Concen: 2.665 ug/l  
RT: 2.709 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: VX045651.D  
Acq: 08 Apr 2025 14:47

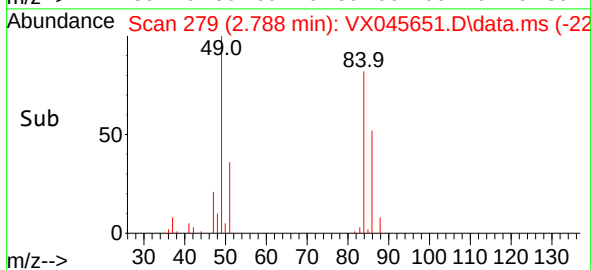
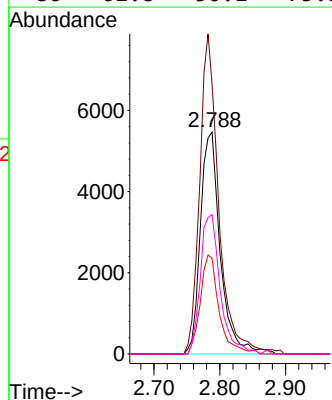
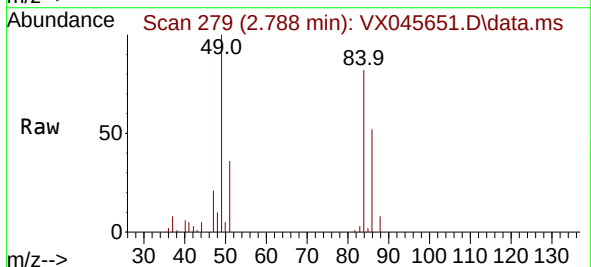
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB167492ZHE09

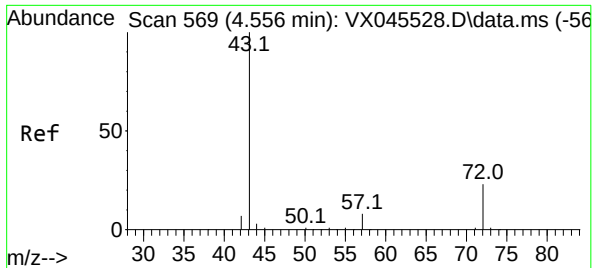
Tgt Ion: 43 Resp: 2953  
Ion Ratio Lower Upper  
43 100  
74 17.4 17.5 26.3#



#20  
Methylene Chloride  
Concen: 12.756 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.006 min  
Lab File: VX045651.D  
Acq: 08 Apr 2025 14:47

Tgt Ion: 84 Resp: 11492  
Ion Ratio Lower Upper  
84 100  
49 121.7 107.5 161.3  
51 43.2 33.0 49.6  
86 62.8 50.1 75.1





#25

2-Butanone

Concen: 9.660 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX045651.D

Acq: 08 Apr 2025 14:47

Instrument :

MSVOA\_X

ClientSampleId :

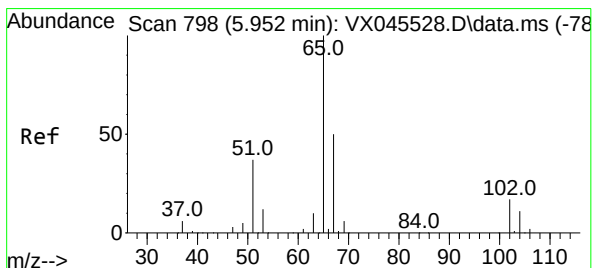
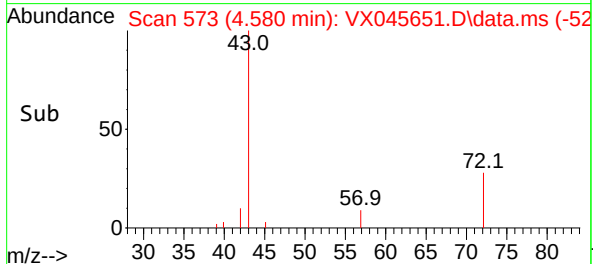
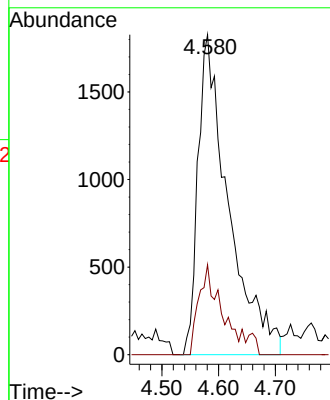
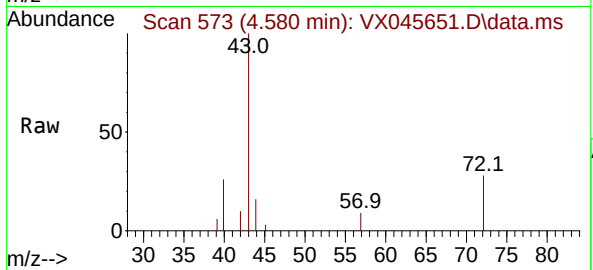
PB167492ZHE09

Tgt Ion: 43 Resp: 6805

Ion Ratio Lower Upper

43 100

72 28.1 18.6 28.0#



#33

1,2-Dichloroethane-d4

Concen: 54.468 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045651.D

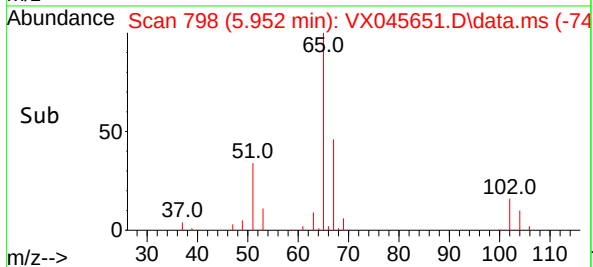
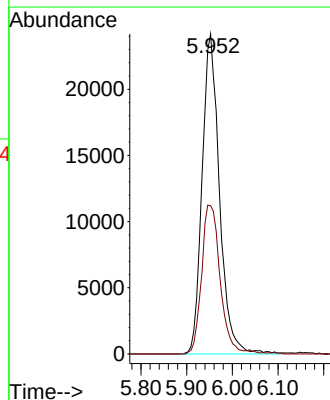
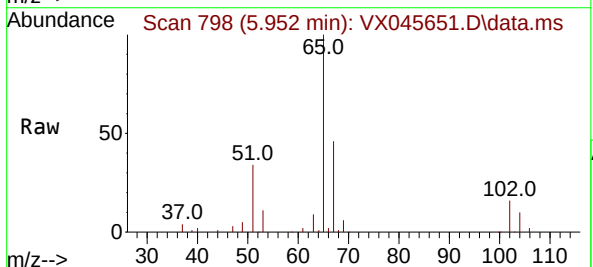
Acq: 08 Apr 2025 14:47

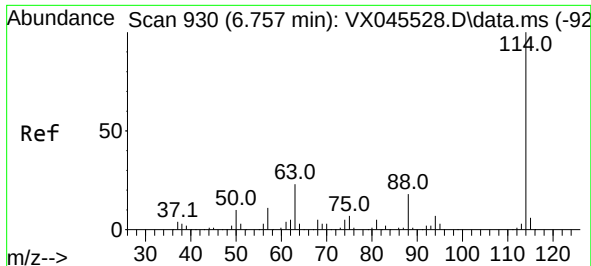
Tgt Ion: 65 Resp: 63835

Ion Ratio Lower Upper

65 100

67 49.7 0.0 99.0

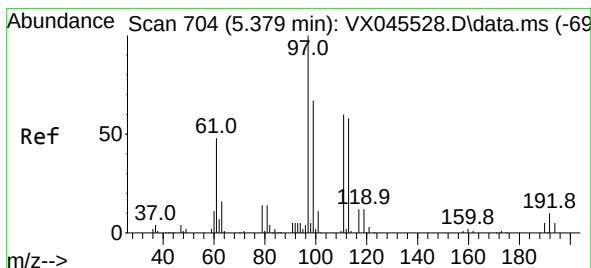
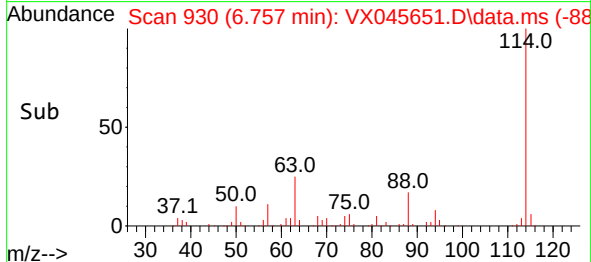
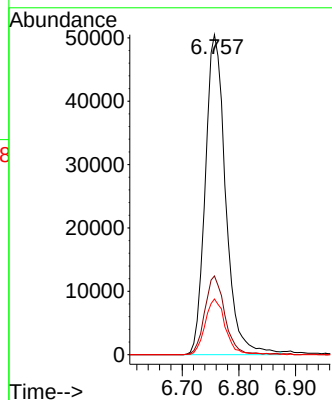
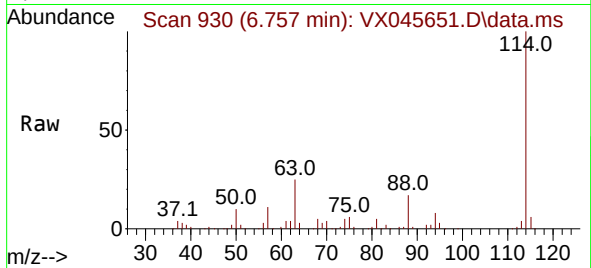




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VX045651.D  
 Acq: 08 Apr 2025 14:47

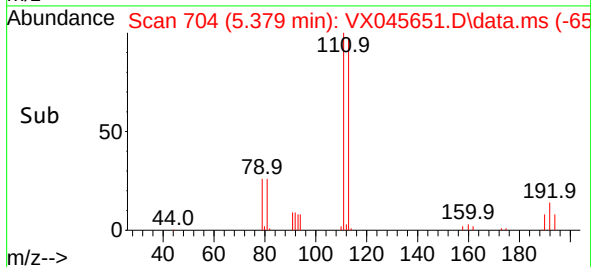
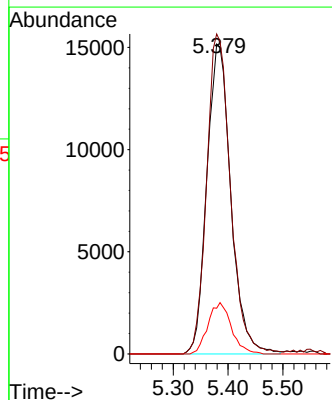
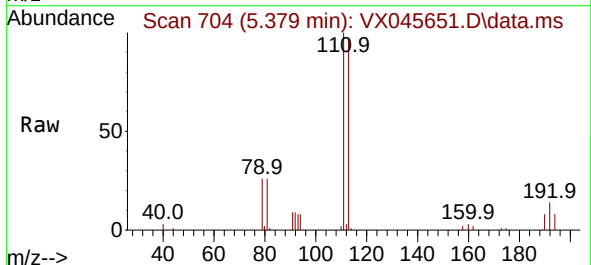
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB167492ZHE09

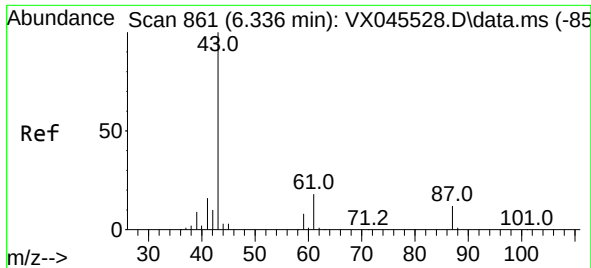
Tgt Ion:114 Resp: 125948  
 Ion Ratio Lower Upper  
 114 100  
 63 24.6 0.0 46.8  
 88 17.4 0.0 35.4



#35  
 Dibromofluoromethane  
 Concen: 51.496 ug/l  
 RT: 5.379 min Scan# 704  
 Delta R.T. 0.000 min  
 Lab File: VX045651.D  
 Acq: 08 Apr 2025 14:47

Tgt Ion:113 Resp: 46017  
 Ion Ratio Lower Upper  
 113 100  
 111 102.6 81.8 122.6  
 192 16.2 13.8 20.6

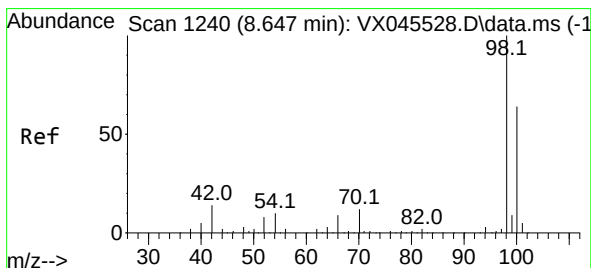
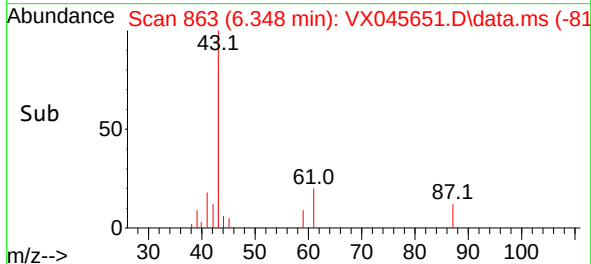
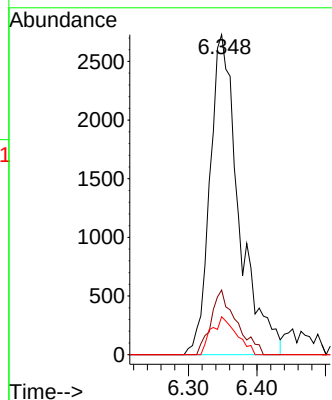
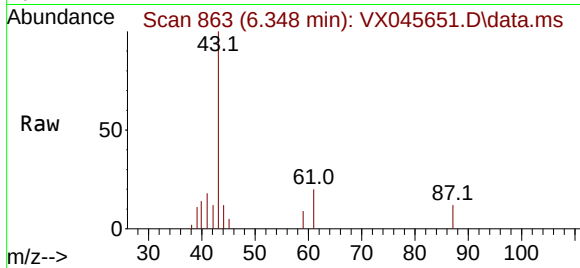




#43  
Isopropyl Acetate  
Concen: 3.500 ug/l  
RT: 6.348 min Scan# 8065  
Delta R.T. 0.012 min  
Lab File: VX045651.D  
Acq: 08 Apr 2025 14:47

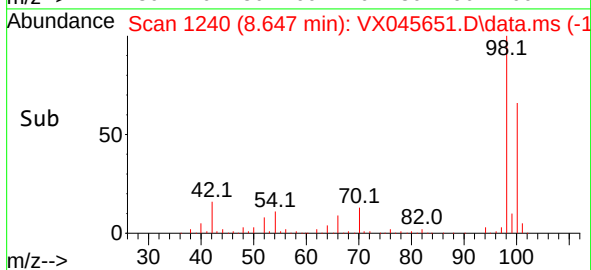
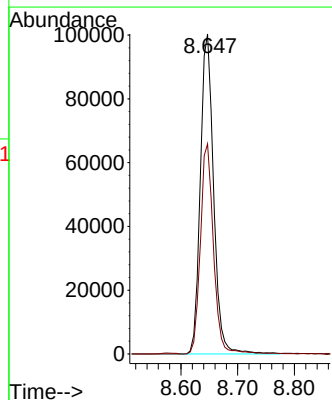
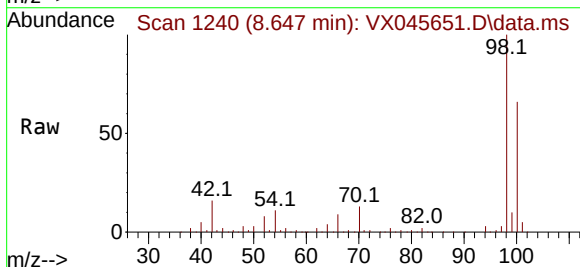
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MSVOA\_X  
ClientSampleId :  
PB167492ZHE09

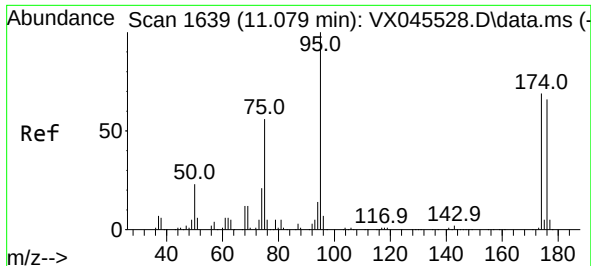
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 8065  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 17.5  | 14.1  | 21.1  |
| 87       | 10.1  | 9.2   | 13.8  |



#50  
Toluene-d8  
Concen: 52.230 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX045651.D  
Acq: 08 Apr 2025 14:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 162907 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 64.7  | 52.2  | 78.4   |

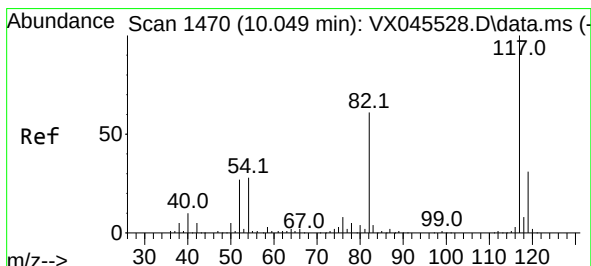
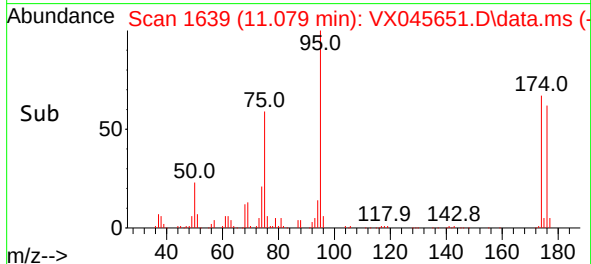
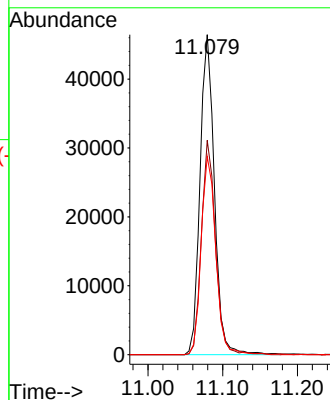
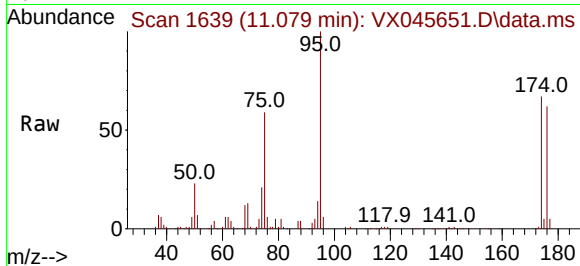




#62  
4-Bromofluorobenzene  
Concen: 54.504 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX045651.D  
Acq: 08 Apr 2025 14:47

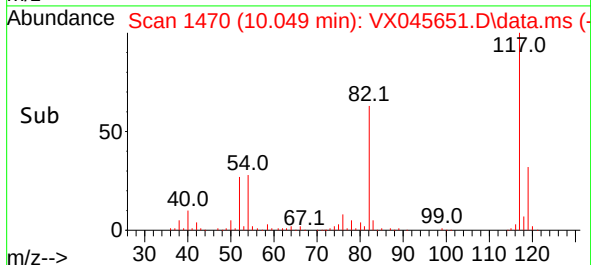
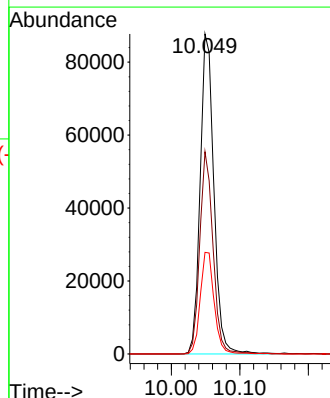
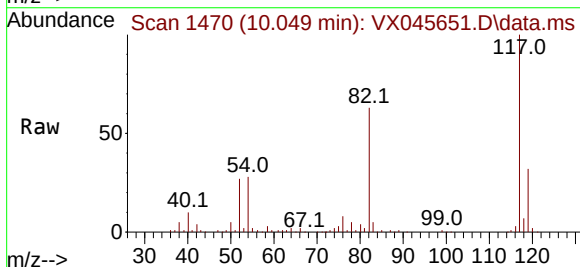
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB167492ZHE09

Tgt Ion: 95 Resp: 61922  
Ion Ratio Lower Upper  
95 100  
174 66.0 0.0 135.8  
176 63.2 0.0 131.4

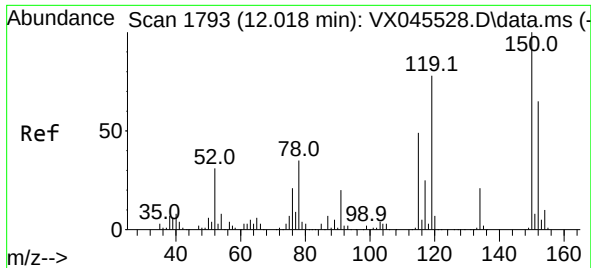


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX045651.D  
Acq: 08 Apr 2025 14:47

Tgt Ion: 117 Resp: 122255  
Ion Ratio Lower Upper  
117 100  
82 63.2 49.2 73.8  
119 31.7 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: VX045651.D

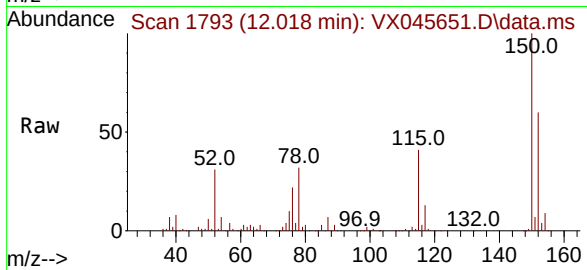
Acq: 08 Apr 2025 14:47

Instrument :

MSVOA\_X

ClientSampleId :

PB167492ZHE09



Tgt Ion:152 Resp: 50723

Ion Ratio Lower Upper

152 100

115 66.1 46.9 140.7

150 161.5 0.0 349.4

