

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX103024\  
 Data File : VX043632.D  
 Acq On : 30 Oct 2024 18:16  
 Operator : JC/MD  
 Sample : PB164501ZHE#10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB164501ZHE#10

Quant Time: Oct 31 23:03:33 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102824W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 28 13:41:34 2024  
 Response via : Initial Calibration

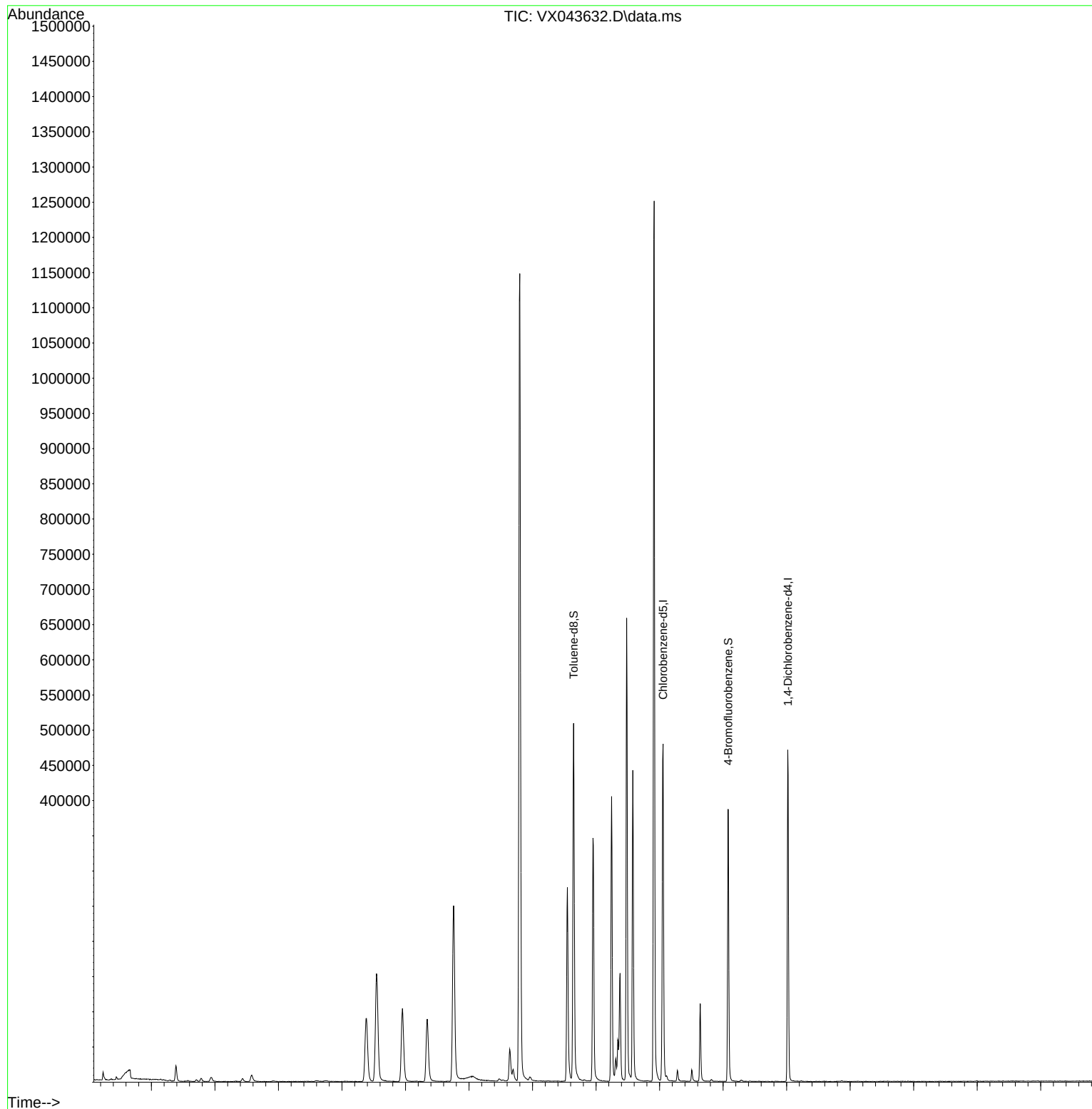
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.544  | 168   | 152366   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 276534   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 229396   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 105217   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 99737    | 41.052   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 82.100%  |
| 35) Dibromofluoromethane    | 5.379  | 113   | 84096    | 44.847   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 89.700%  |
| 50) Toluene-d8              | 8.647  | 98    | 313154   | 48.243   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 96.480%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 104893   | 43.609   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =      | 87.220%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.386  | 43    | 23507    | 24.365   | ug/l # | 87       |
| 18) Methyl Acetate          | 2.709  | 43    | 3139     | 1.113    | ug/l   | 98       |
| 43) Isopropyl Acetate       | 6.342  | 43    | 126487   | 28.333   | ug/l   | 98       |
| -----                       |        |       |          |          |        |          |

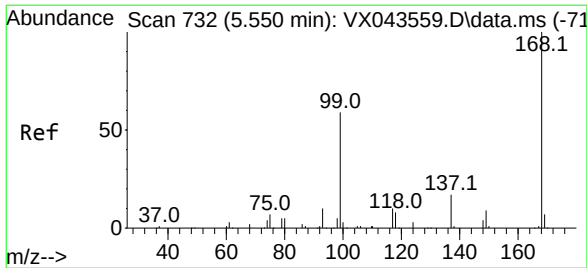
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX103024\  
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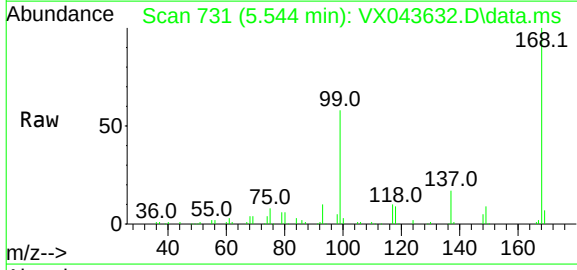
Quant Time: Oct 31 23:03:33 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102824W.M  
Quant Title : SW846 8260  
QLast Update : Mon Oct 28 13:41:34 2024  
Response via : Initial Calibration



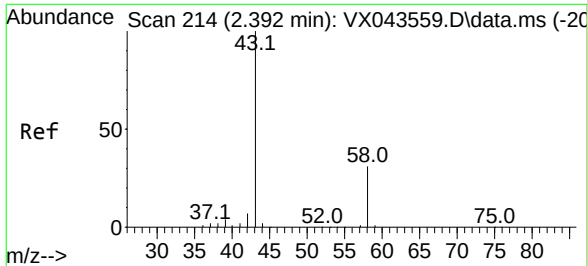
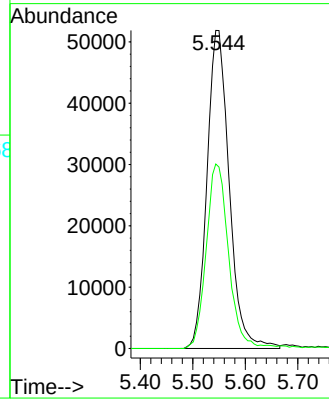
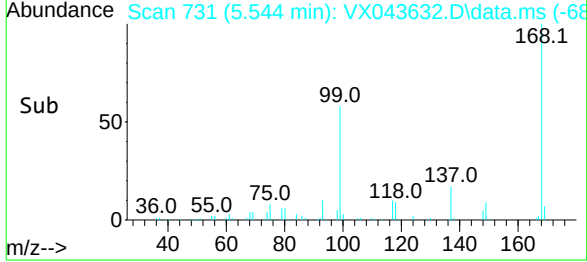


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 73  
Delta R.T. -0.006 min  
Lab File: VX043632.D  
Acq: 30 Oct 2024 18:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB164501ZHE#10

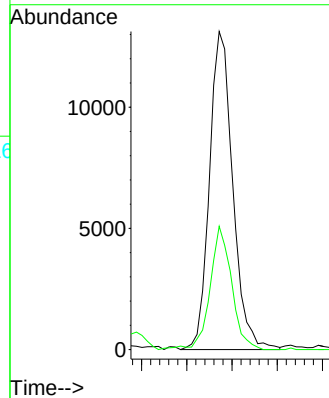
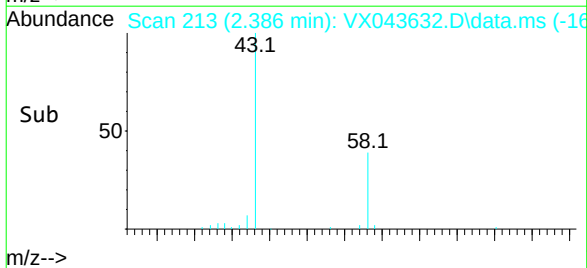
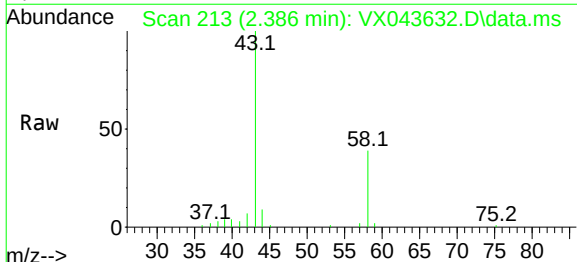


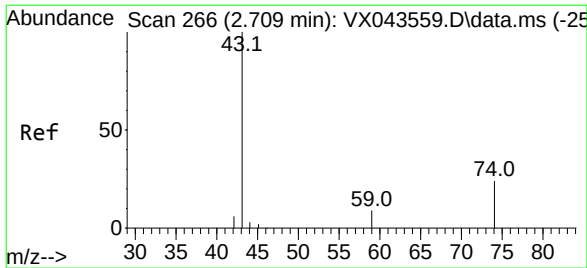
Tgt Ion:168 Resp: 152366  
Ion Ratio Lower Upper  
168 100  
99 58.0 52.6 78.8



#16  
Acetone  
Concen: 24.365 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.012 min  
Lab File: VX043632.D  
Acq: 30 Oct 2024 18:16

Tgt Ion: 43 Resp: 23507  
Ion Ratio Lower Upper  
43 100  
58 38.8 25.1 37.7#

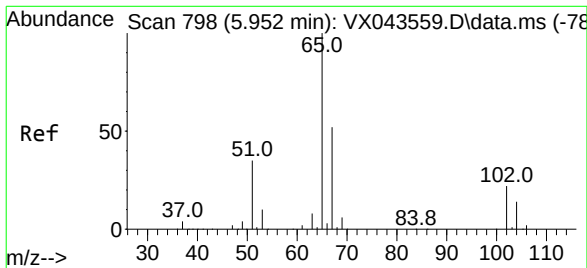
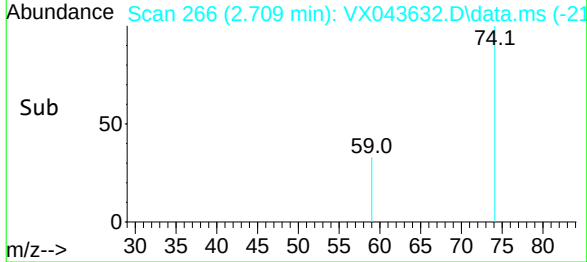
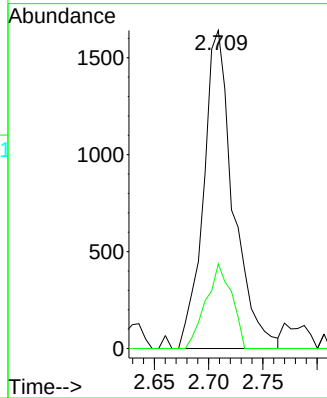
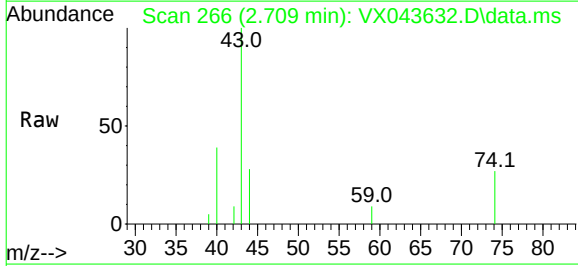




#18  
Methyl Acetate  
Concen: 1.113 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.000 min  
Lab File: VX043632.D  
Acq: 30 Oct 2024 18:16

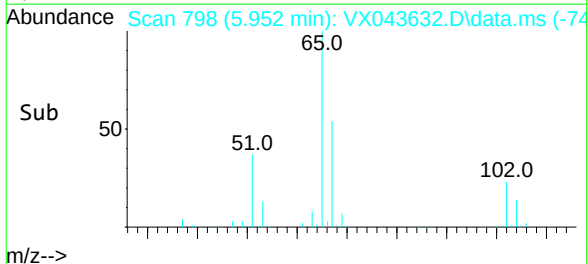
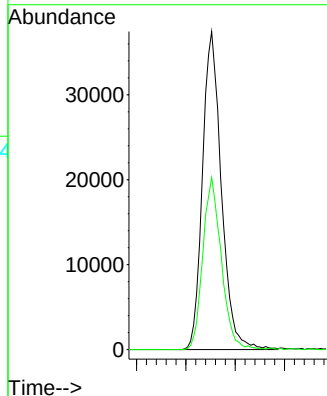
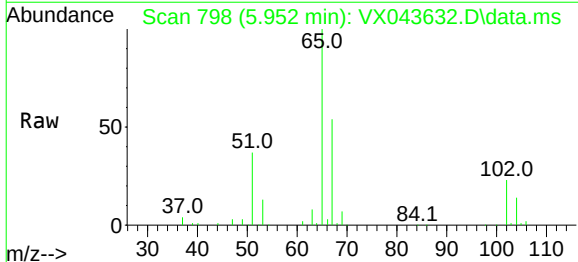
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB164501ZHE#10

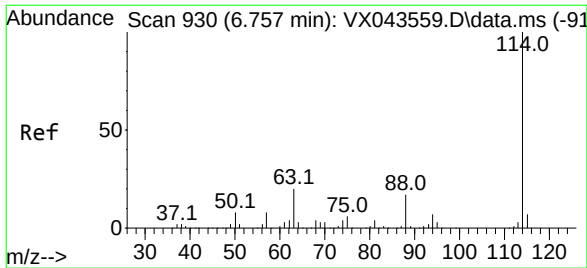
Tgt Ion: 43 Resp: 3139  
Ion Ratio Lower Upper  
43 100  
74 23.0 19.1 28.7



#33  
1,2-Dichloroethane-d4  
Concen: 41.052 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX043632.D  
Acq: 30 Oct 2024 18:16

Tgt Ion: 65 Resp: 99737  
Ion Ratio Lower Upper  
65 100  
67 52.9 0.0 103.4

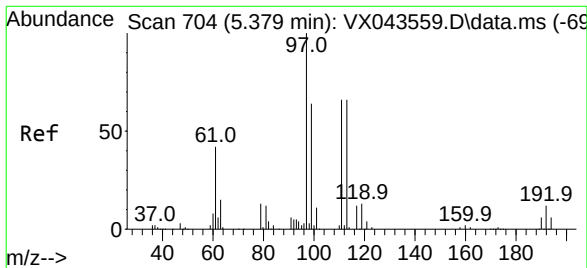
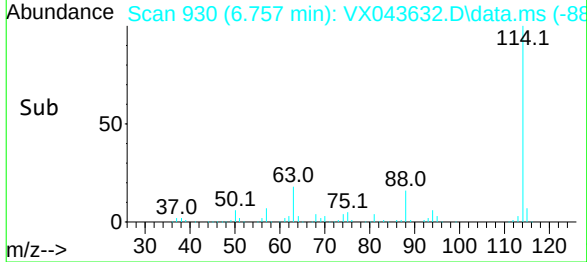
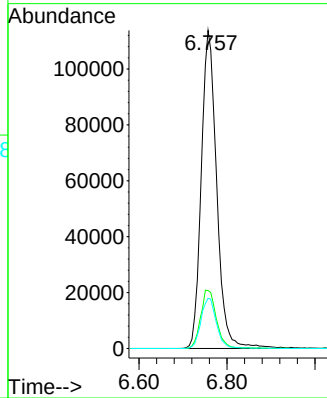
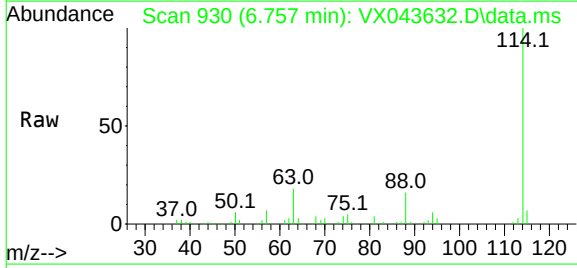




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 930  
Delta R.T. 0.000 min  
Lab File: VX043632.D  
Acq: 30 Oct 2024 18:16

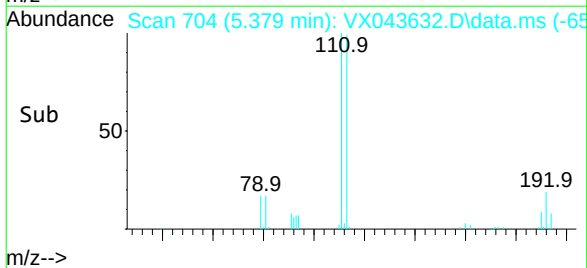
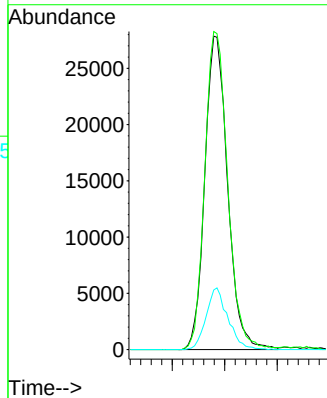
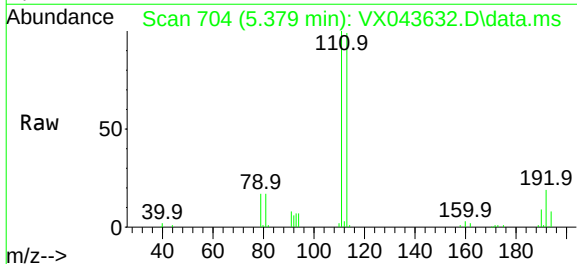
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB164501ZHE#10

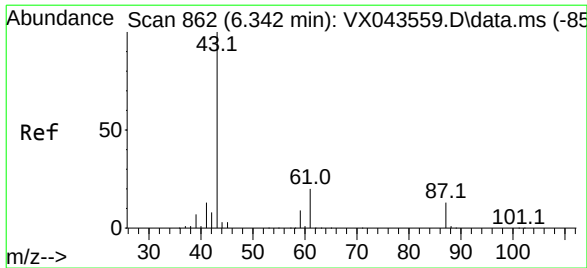
Tgt Ion:114 Resp: 276534  
Ion Ratio Lower Upper  
114 100  
63 18.2 0.0 41.2  
88 15.8 0.0 34.0



#35  
Dibromofluoromethane  
Concen: 44.847 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX043632.D  
Acq: 30 Oct 2024 18:16

Tgt Ion:113 Resp: 84096  
Ion Ratio Lower Upper  
113 100  
111 102.0 81.4 122.0  
192 18.8 14.1 21.1





#43

Isopropyl Acetate

Concen: 28.333 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX043632.D

Acq: 30 Oct 2024 18:16

Instrument :

MSVOA\_X

ClientSampleId :

PB164501ZHE#10

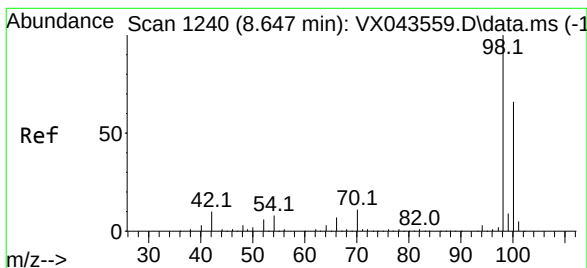
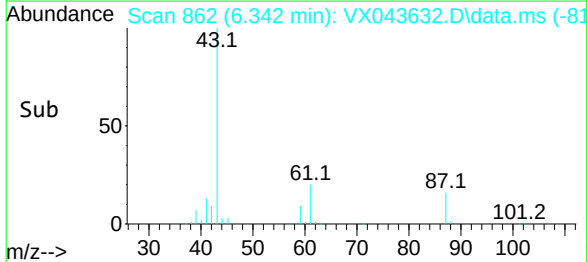
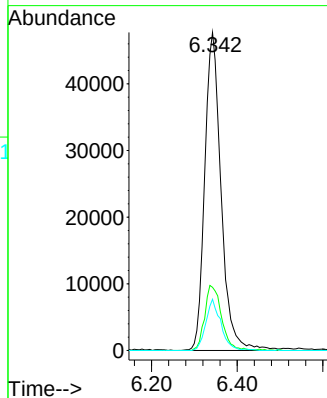
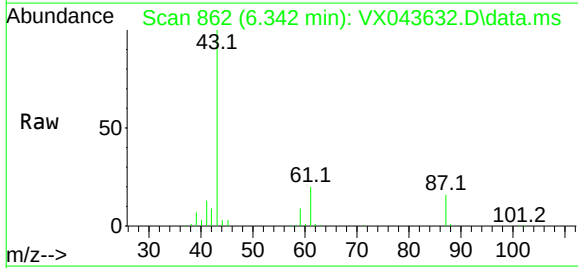
Tgt Ion: 43 Resp: 126487

Ion Ratio Lower Upper

43 100

61 21.0 16.2 24.4

87 14.6 11.0 16.6



#50

Toluene-d8

Concen: 48.243 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX043632.D

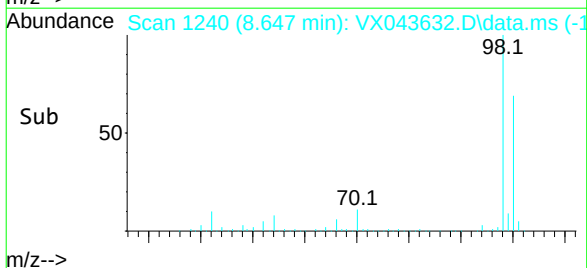
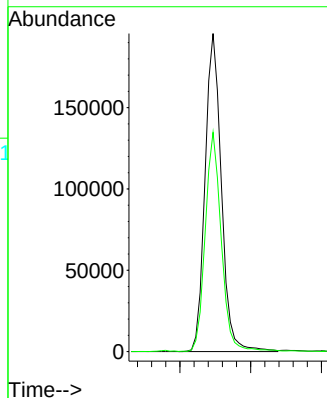
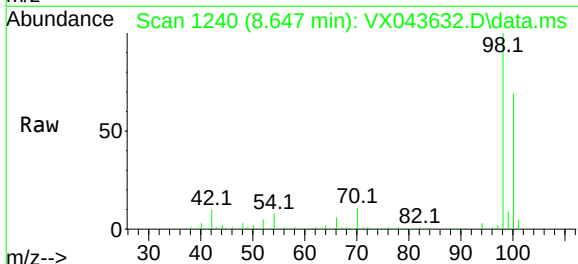
Acq: 30 Oct 2024 18:16

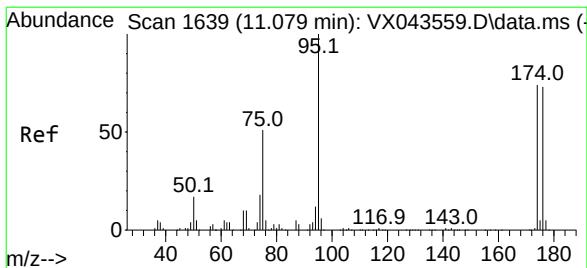
Tgt Ion: 98 Resp: 313154

Ion Ratio Lower Upper

98 100

100 67.6 53.4 80.2





#62

4-Bromofluorobenzene

Concen: 43.609 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043632.D

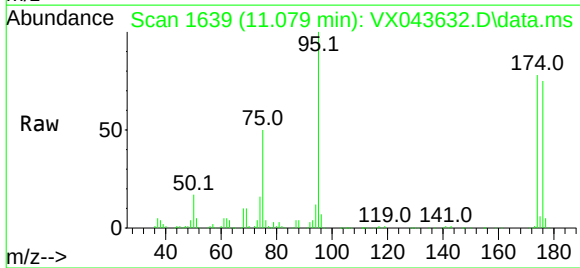
Acq: 30 Oct 2024 18:16

Instrument :

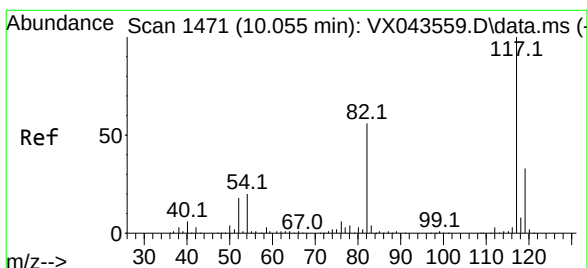
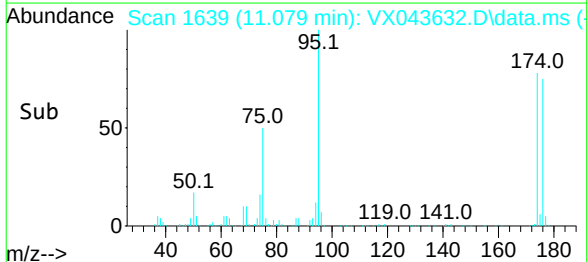
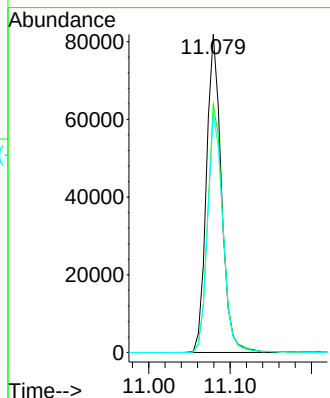
MSVOA\_X

ClientSampleId :

PB164501ZHE#10



| Tgt Ion:  | 95   | Resp: | 104893 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 174       | 79.6 | 0.0   | 146.6  |
| 176       | 76.5 | 0.0   | 139.6  |



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

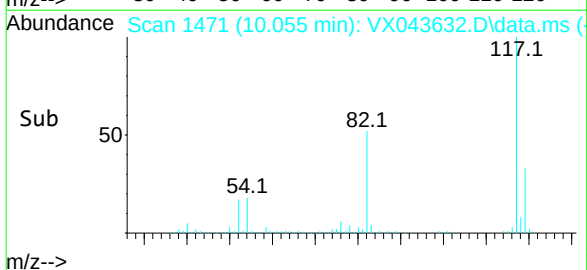
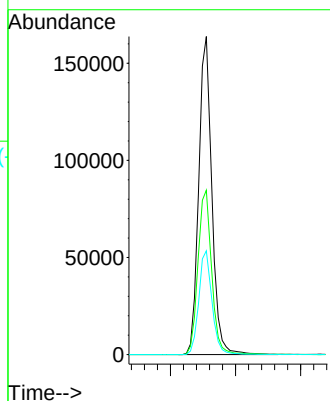
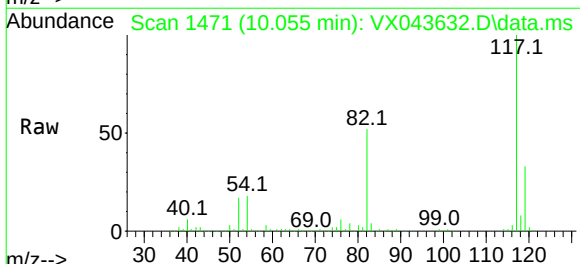
RT: 10.055 min Scan# 1471

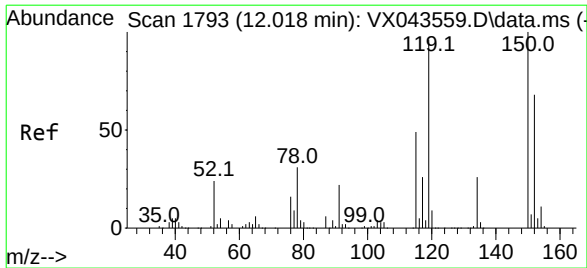
Delta R.T. 0.000 min

Lab File: VX043632.D

Acq: 30 Oct 2024 18:16

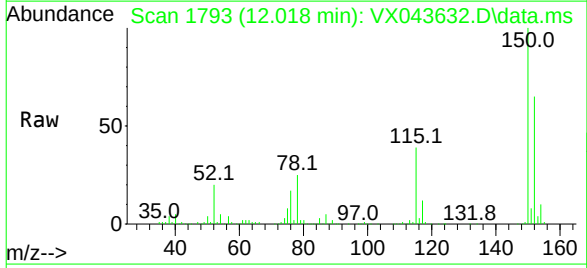
| Tgt Ion:  | 117  | Resp: | 229396 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 82        | 51.7 | 42.1  | 63.1   |
| 119       | 32.6 | 25.4  | 38.2   |





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.018 min Scan# 17  
 Delta R.T. -0.006 min  
 Lab File: VX043632.D  
 Acq: 30 Oct 2024 18:16

Instrument :  
 MSVOA\_X  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 105217 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 58.9  | 42.9  | 128.7  |
| 150      | 153.9 | 0.0   | 343.6  |

