

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100224\  
 Data File : VX043227.D  
 Acq On : 02 Oct 2024 13:29  
 Operator : JC/MD  
 Sample : PB163826ZHE#06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB163826ZHE#06

Quant Time: Oct 03 05:03:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 02 16:50:57 2024  
 Response via : Initial Calibration

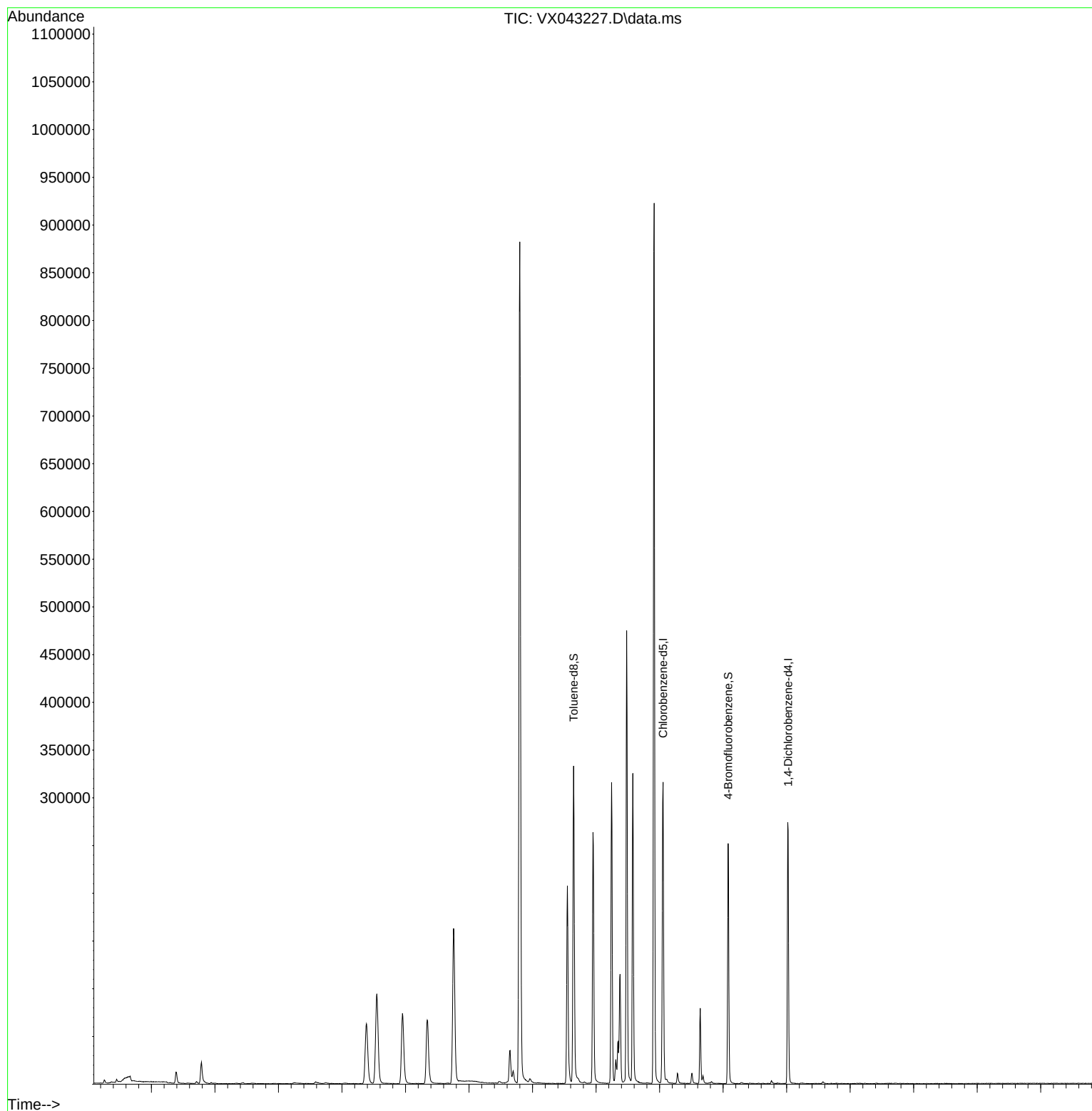
| Compound                    | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                       |                |      |                     |        |       |          |
| Internal Standards          |                |      |                     |        |       |          |
| 1) Pentafluorobenzene       | 5.550          | 168  | 86810               | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757          | 114  | 164518              | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 136598              | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 56822               | 50.000 | ug/l  | 0.00     |
|                             |                |      |                     |        |       |          |
| System Monitoring Compounds |                |      |                     |        |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.952          | 65   | 75280               | 53.099 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 106.200% |        |       |          |
| 35) Dibromofluoromethane    | 5.385          | 113  | 55843               | 49.219 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 98.440%  |        |       |          |
| 50) Toluene-d8              | 8.647          | 98   | 192066              | 48.849 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 97.700%  |        |       |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 65884               | 46.124 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = 92.240%  |        |       |          |
|                             |                |      |                     |        |       |          |
| Target Compounds            |                |      |                     |        |       |          |
| 16) Acetone                 | 2.386          | 43   | 14830               | 25.048 | ug/l  | 91       |
| 18) Methyl Acetate          | 2.709          | 43   | 2675                | 1.801  | ug/l  | 97       |
| 20) Methylene Chloride      | 2.788          | 84   | 11985               | 10.979 | ug/l  | 93       |
| 25) 2-Butanone              | 4.586          | 43   | 4314                | 5.314  | ug/l  | 93       |
| 43) Isopropyl Acetate       | 6.342          | 43   | 97761               | 34.386 | ug/l  | 99       |
| -----                       |                |      |                     |        |       |          |

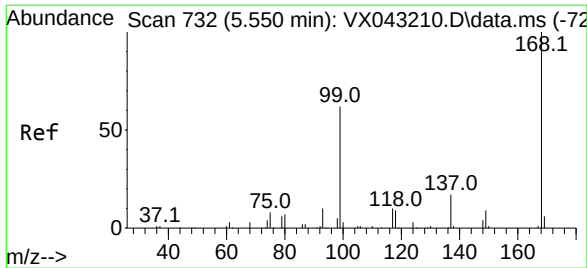
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100224\  
Data File : VX043227.D  
Acq On : 02 Oct 2024 13:29  
Operator : JC/MD  
Sample : PB163826ZHE#06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB163826ZHE#06

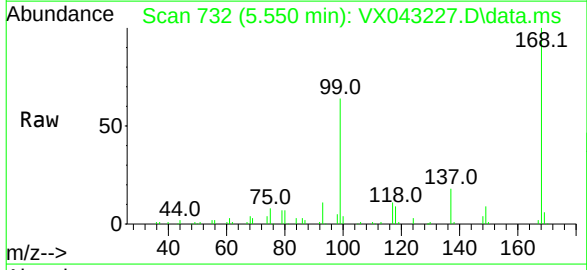
Quant Time: Oct 03 05:03:29 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 02 16:50:57 2024  
Response via : Initial Calibration



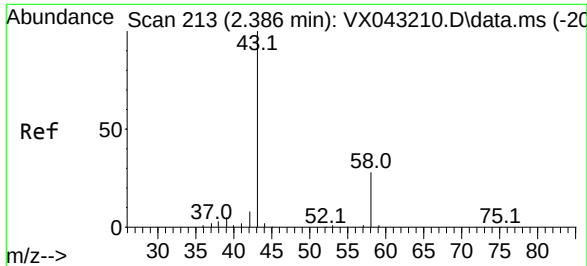
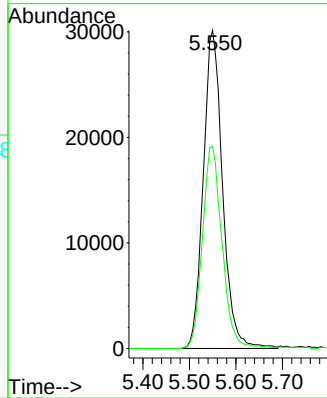
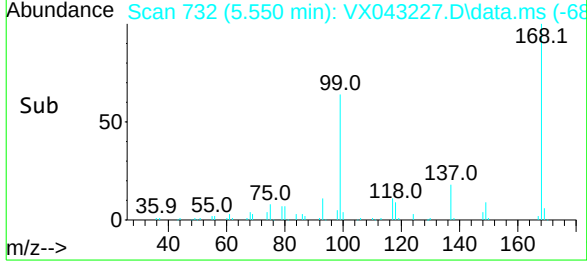


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX043227.D  
Acq: 02 Oct 2024 13:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB163826ZHE#06

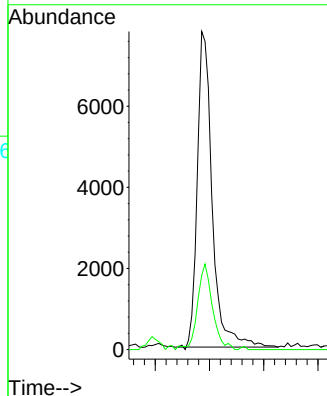
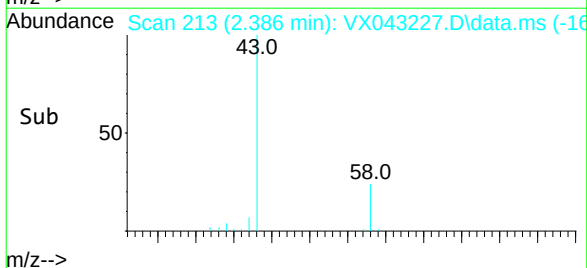
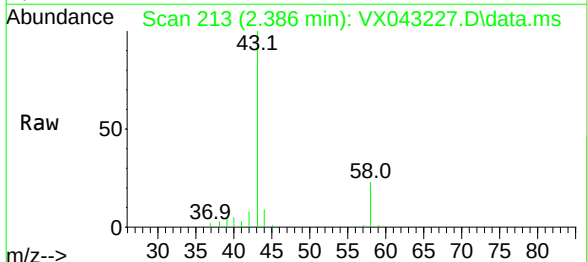


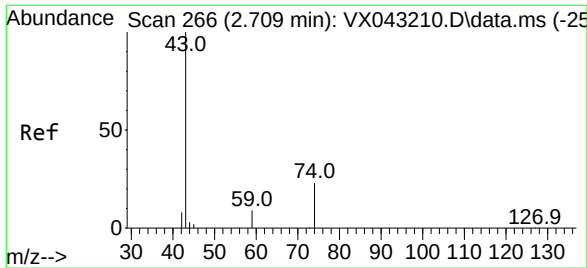
Tgt Ion:168 Resp: 86810  
Ion Ratio Lower Upper  
168 100  
99 63.5 49.7 74.5



#16  
Acetone  
Concen: 25.048 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX043227.D  
Acq: 02 Oct 2024 13:29

Tgt Ion: 43 Resp: 14830  
Ion Ratio Lower Upper  
43 100  
58 23.5 22.6 33.8

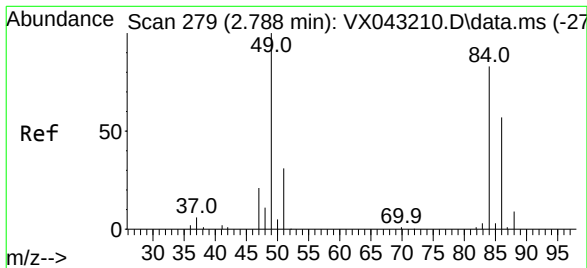
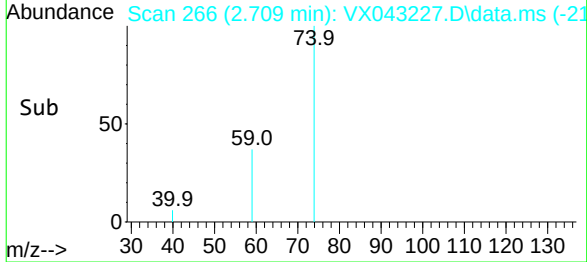
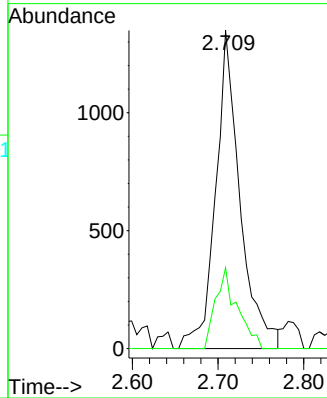
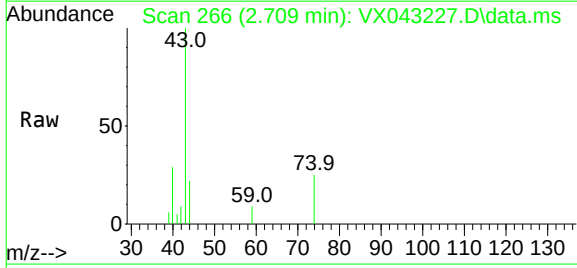




#18  
Methyl Acetate  
Concen: 1.801 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX043227.D  
Acq: 02 Oct 2024 13:29

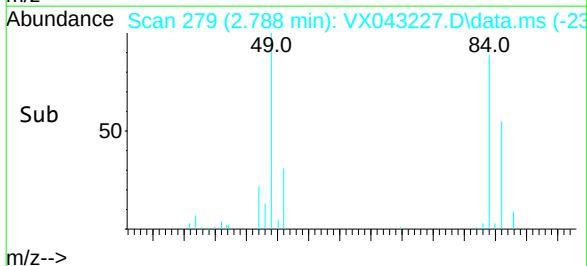
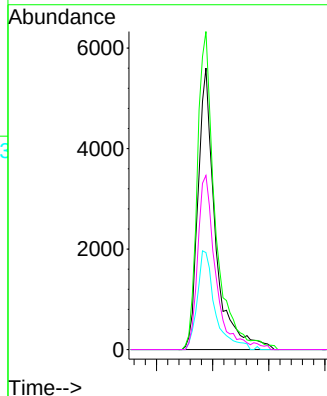
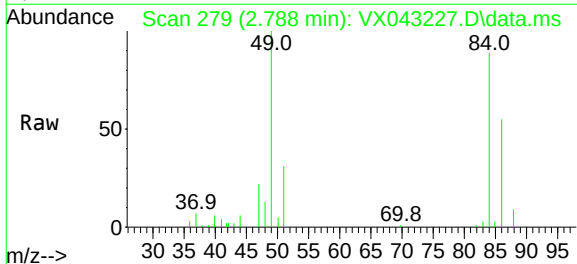
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB163826ZHE#06

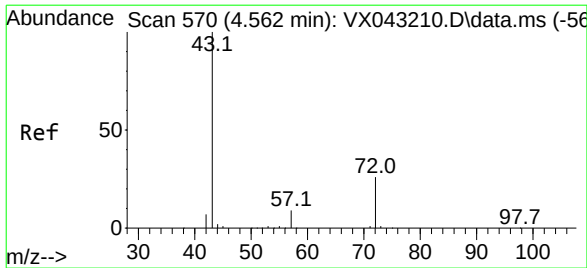
Tgt Ion: 43 Resp: 2675  
Ion Ratio Lower Upper  
43 100  
74 22.5 19.1 28.7



#20  
Methylene Chloride  
Concen: 10.979 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX043227.D  
Acq: 02 Oct 2024 13:29

Tgt Ion: 84 Resp: 11985  
Ion Ratio Lower Upper  
84 100  
49 113.0 96.7 145.1  
51 34.5 30.4 45.6  
86 61.8 54.7 82.1

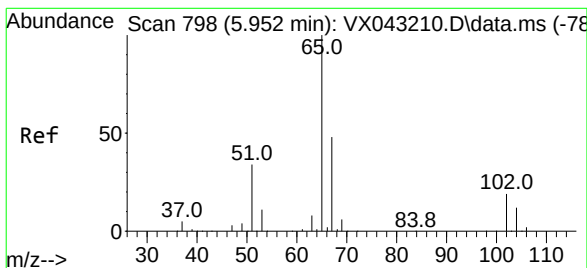
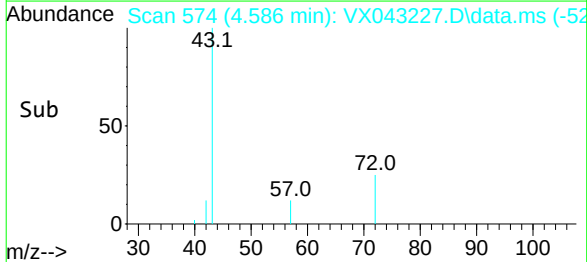
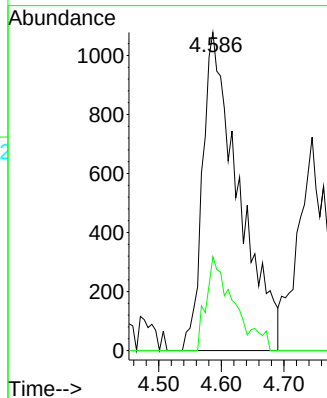
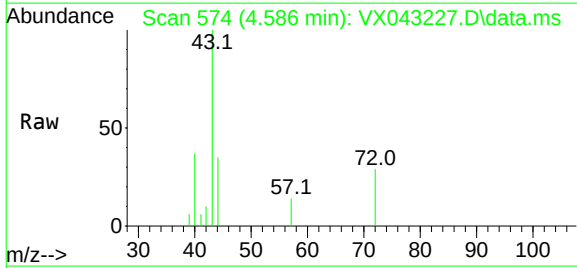




#25  
2-Butanone  
Concen: 5.314 ug/l  
RT: 4.586 min Scan# 57  
Delta R.T. 0.024 min  
Lab File: VX043227.D  
Acq: 02 Oct 2024 13:29

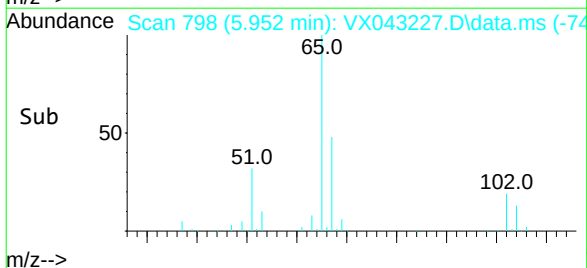
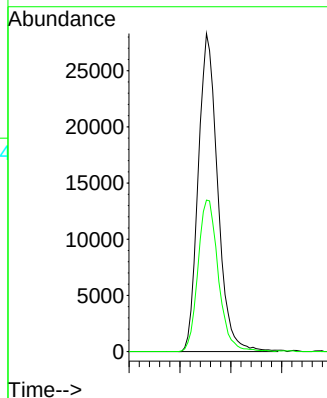
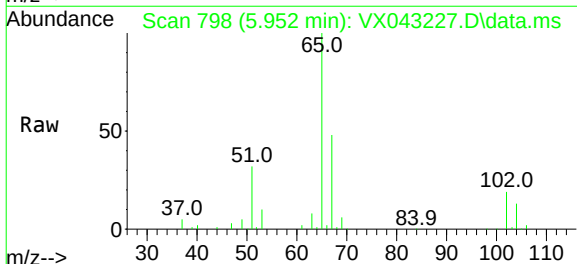
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB163826ZHE#06

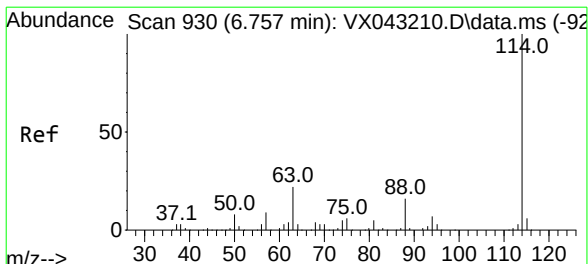
Tgt Ion: 43 Resp: 4314  
Ion Ratio Lower Upper  
43 100  
72 29.5 20.6 31.0



#33  
1,2-Dichloroethane-d4  
Concen: 53.099 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX043227.D  
Acq: 02 Oct 2024 13:29

Tgt Ion: 65 Resp: 75280  
Ion Ratio Lower Upper  
65 100  
67 49.8 0.0 99.0

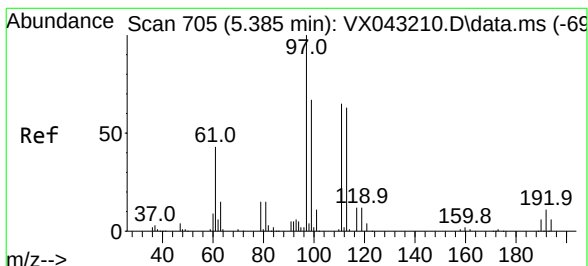
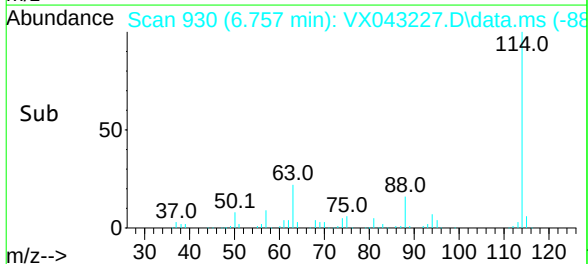
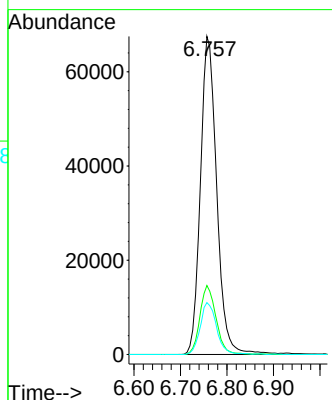
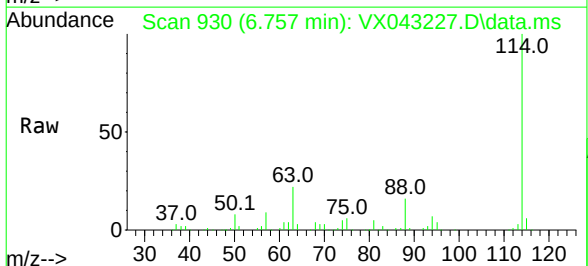




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 93  
 Delta R.T. -0.000 min  
 Lab File: VX043227.D  
 Acq: 02 Oct 2024 13:29

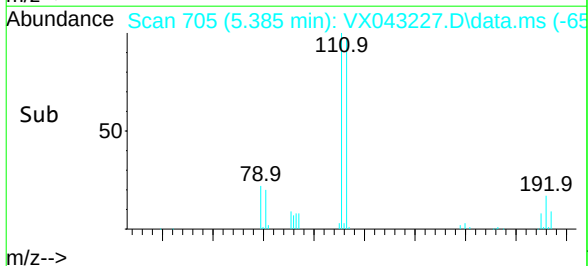
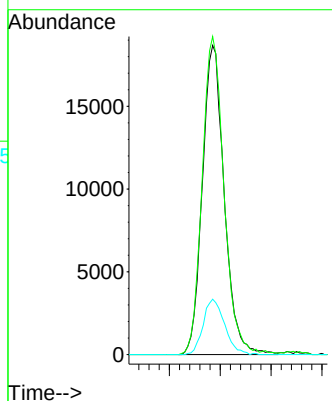
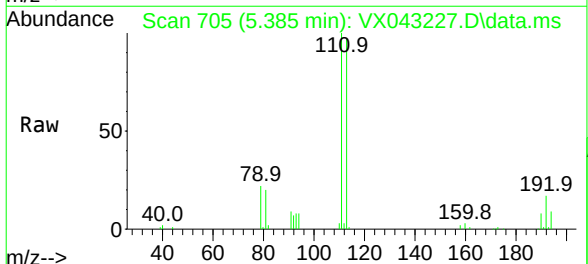
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB163826ZHE#06

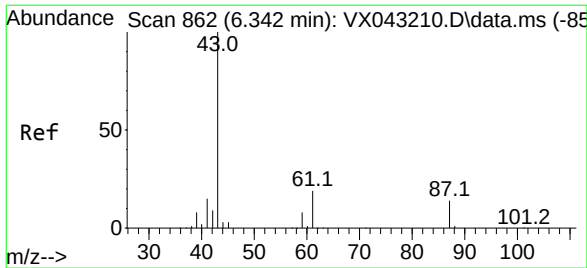
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 114   | Resp: | 164518 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 21.7  | 0.0   | 43.0   |
| 88       | 16.3  | 0.0   | 33.0   |



#35  
 Dibromofluoromethane  
 Concen: 49.219 ug/l  
 RT: 5.385 min Scan# 705  
 Delta R.T. -0.000 min  
 Lab File: VX043227.D  
 Acq: 02 Oct 2024 13:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 55843 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.2 | 83.4  | 125.0 |
| 192      | 17.6  | 14.1  | 21.1  |





#43

Isopropyl Acetate

Concen: 34.386 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX043227.D

Acq: 02 Oct 2024 13:29

Instrument :

MSVOA\_X

ClientSampleId :

PB163826ZHE#06

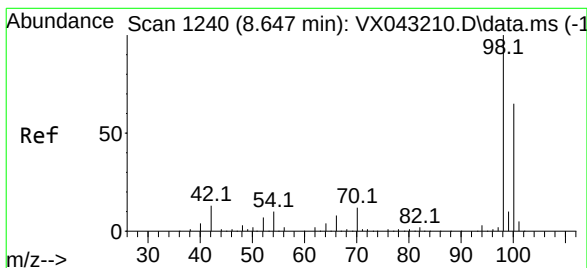
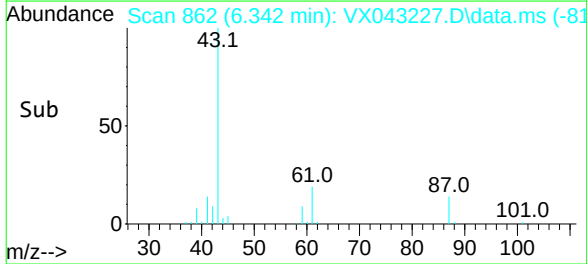
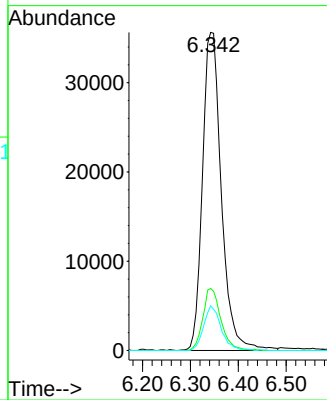
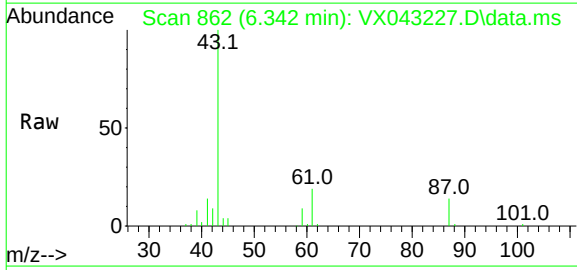
Tgt Ion: 43 Resp: 97761

Ion Ratio Lower Upper

43 100

61 18.5 15.1 22.7

87 12.8 10.8 16.2



#50

Toluene-d8

Concen: 48.849 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX043227.D

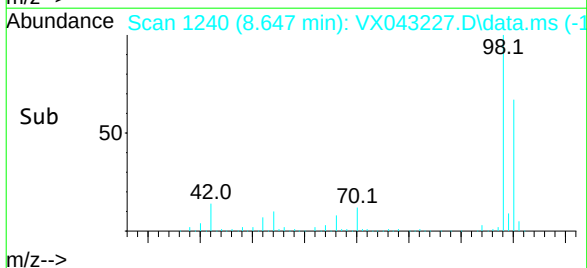
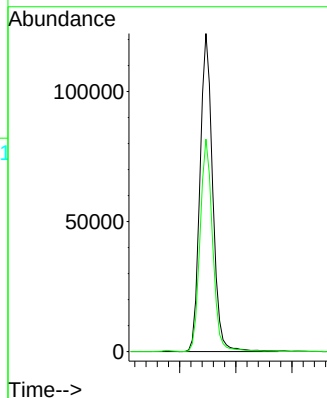
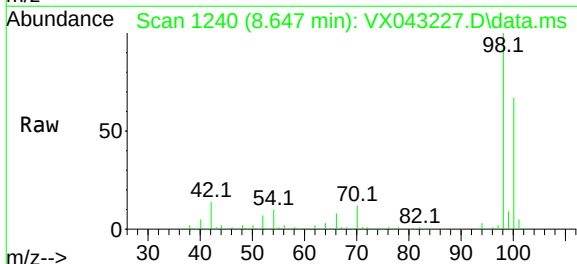
Acq: 02 Oct 2024 13:29

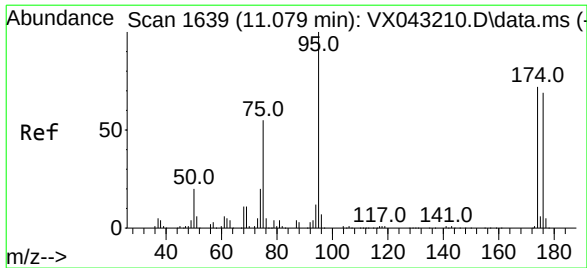
Tgt Ion: 98 Resp: 192066

Ion Ratio Lower Upper

98 100

100 66.1 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 46.124 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX043227.D

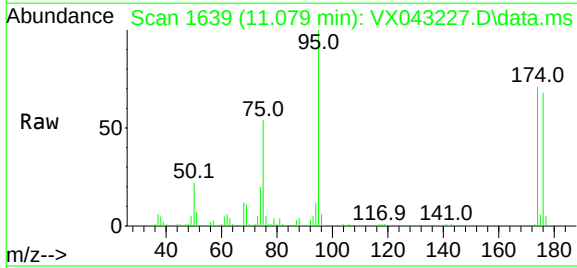
Acq: 02 Oct 2024 13:29

Instrument :

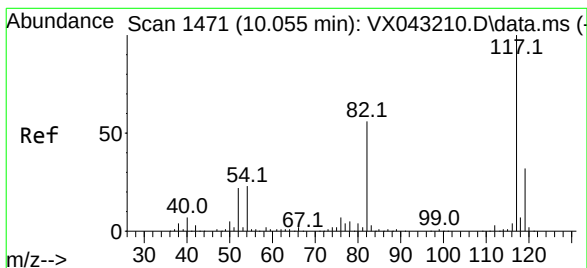
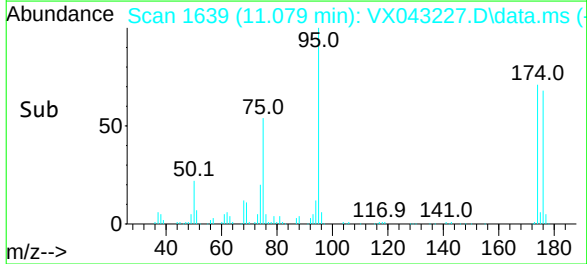
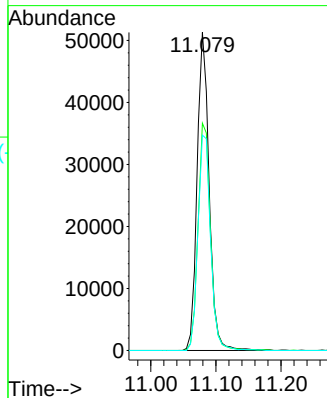
MSVOA\_X

ClientSampleId :

PB163826ZHE#06



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 65884 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 174      | 74.0  | 0.0   | 145.0 |
| 176      | 71.3  | 0.0   | 143.0 |



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

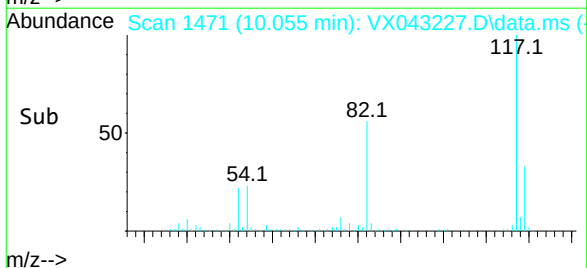
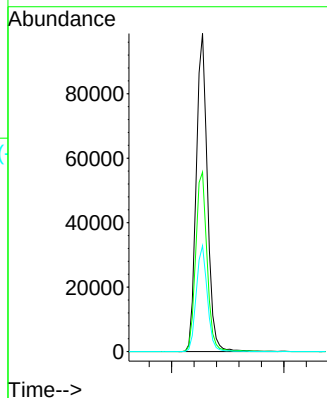
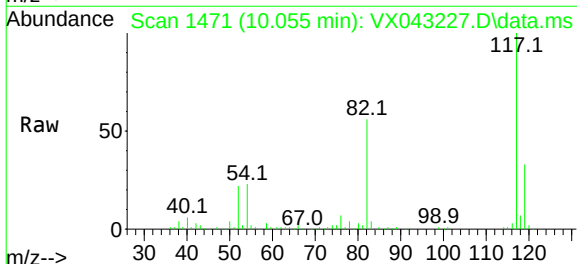
RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

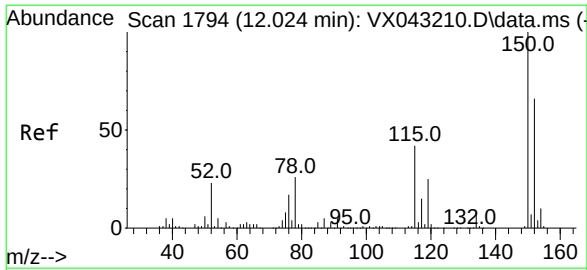
Lab File: VX043227.D

Acq: 02 Oct 2024 13:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 136598 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 56.4  | 45.0  | 67.6   |
| 119      | 33.3  | 25.3  | 37.9   |

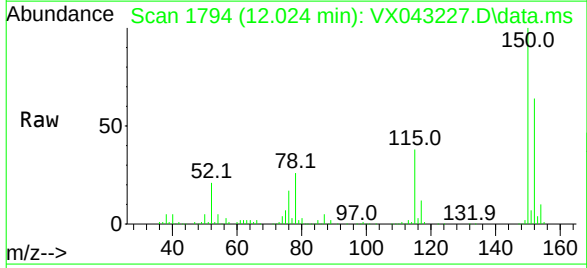






#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 17  
Delta R.T. -0.000 min  
Lab File: VX043227.D  
Acq: 02 Oct 2024 13:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB163826ZHE#06



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 56822 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 62.6  | 44.1  | 132.3 |
| 150      | 156.1 | 0.0   | 347.4 |

