

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100224\  
 Data File : VX043236.D  
 Acq On : 02 Oct 2024 17:04  
 Operator : JC/MD  
 Sample : P4236-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TP4

Quant Time: Oct 03 04:54:50 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

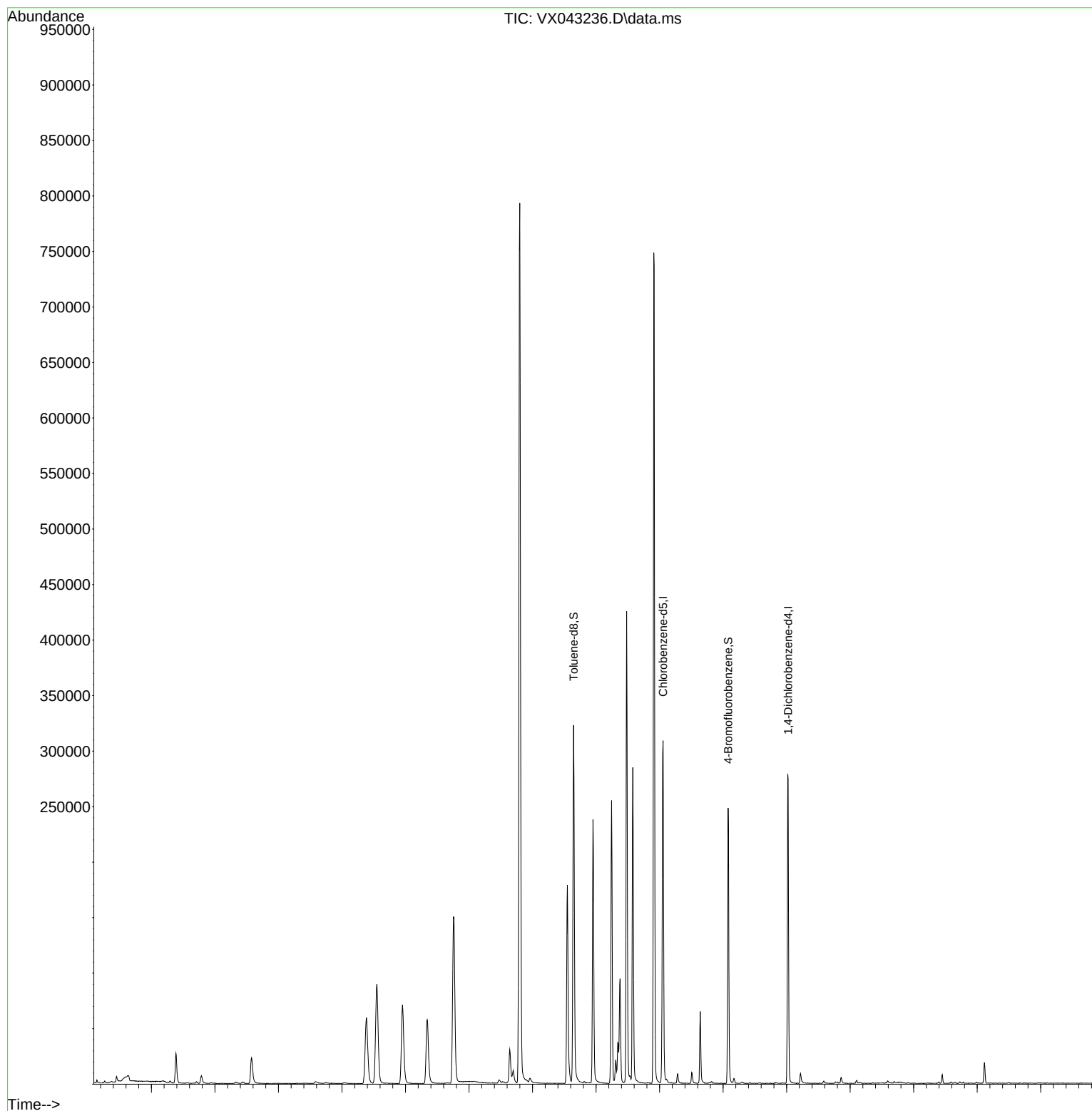
| Compound                    | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-----------------------------|--------|----------------|----------|--------|----------|----------|
| -----                       |        |                |          |        |          |          |
| Internal Standards          |        |                |          |        |          |          |
| 1) Pentafluorobenzene       | 5.550  | 168            | 81265    | 50.000 | ug/l     | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114            | 157243   | 50.000 | ug/l     | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117            | 135144   | 50.000 | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152            | 56917    | 50.000 | ug/l     | 0.00     |
|                             |        |                |          |        |          |          |
| System Monitoring Compounds |        |                |          |        |          |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65             | 72640    | 54.733 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 74 - 125 | Recovery | =      | 109.460% |          |
| 35) Dibromofluoromethane    | 5.385  | 113            | 52371    | 48.294 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 75 - 124 | Recovery | =      | 96.580%  |          |
| 50) Toluene-d8              | 8.647  | 98             | 188998   | 50.292 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 86 - 113 | Recovery | =      | 100.580% |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95             | 66514    | 48.719 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 77 - 121 | Recovery | =      | 97.440%  |          |
|                             |        |                |          |        |          |          |
| Target Compounds            |        |                |          |        |          |          |
| 16) Acetone                 | 2.386  | 43             | 30858    | 55.676 | ug/l     | 100      |
| 18) Methyl Acetate          | 2.715  | 43             | 2018     | 1.451  | ug/l     | 92       |
| 20) Methylene Chloride      | 2.788  | 84             | 3424     | 3.351  | ug/l     | 97       |
| 25) 2-Butanone              | 4.586  | 43             | 4009     | 5.275  | ug/l     | 95       |
| 43) Isopropyl Acetate       | 6.342  | 43             | 82433    | 30.336 | ug/l     | 100      |
| -----                       |        |                |          |        |          |          |

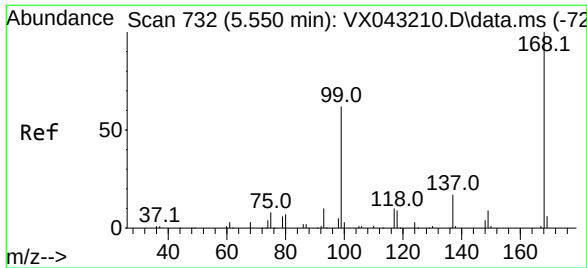
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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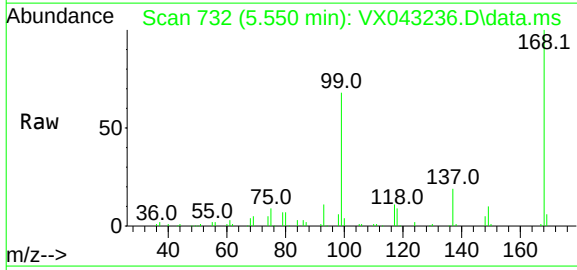
Quant Time: Oct 03 04:54:50 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 02 16:50:57 2024  
Response via : Initial Calibration



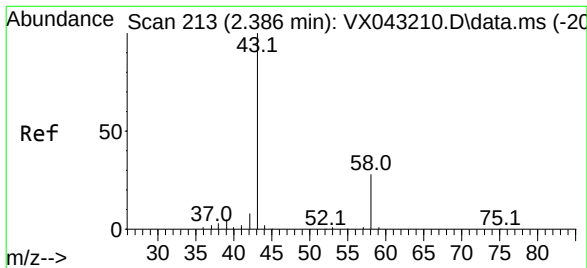
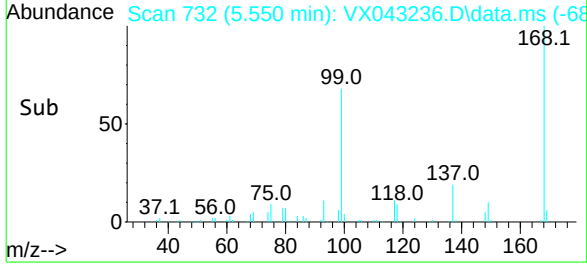
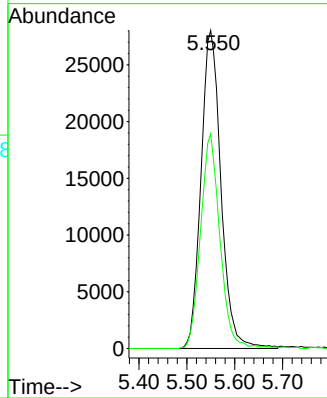


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX043236.D  
Acq: 02 Oct 2024 17:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
TP4

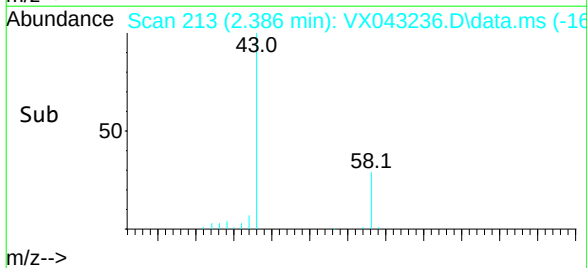
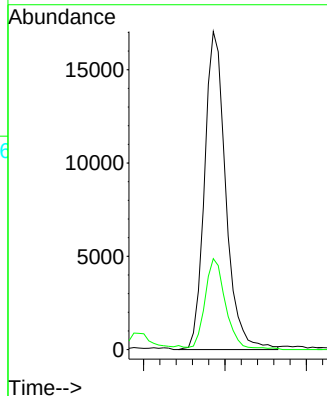
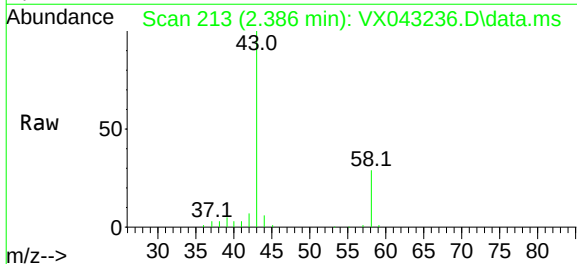


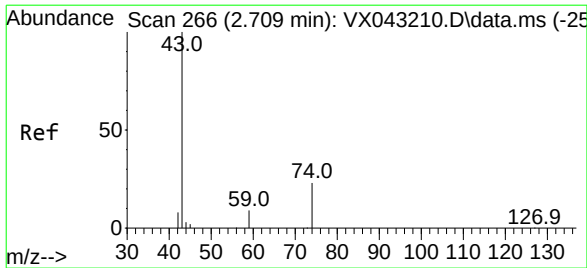
Tgt Ion: 168 Resp: 81265  
Ion Ratio Lower Upper  
168 100  
99 67.5 49.7 74.5



#16  
Acetone  
Concen: 55.676 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX043236.D  
Acq: 02 Oct 2024 17:04

Tgt Ion: 43 Resp: 30858  
Ion Ratio Lower Upper  
43 100  
58 28.3 22.6 33.8

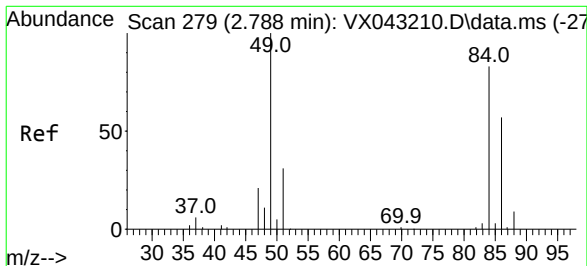
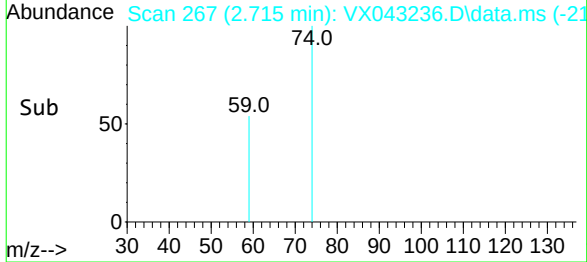
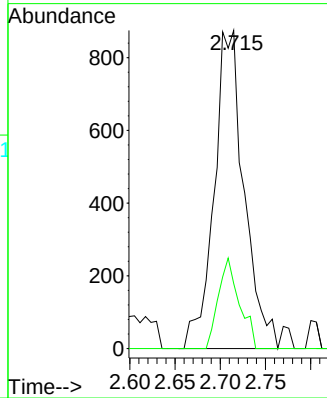
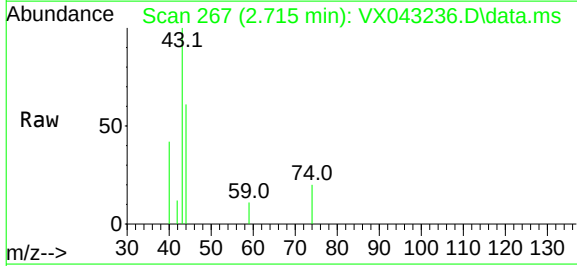




#18  
Methyl Acetate  
Concen: 1.451 ug/l  
RT: 2.715 min Scan# 266  
Delta R.T. 0.006 min  
Lab File: VX043236.D  
Acq: 02 Oct 2024 17:04

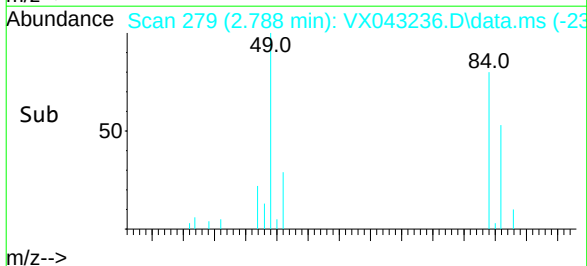
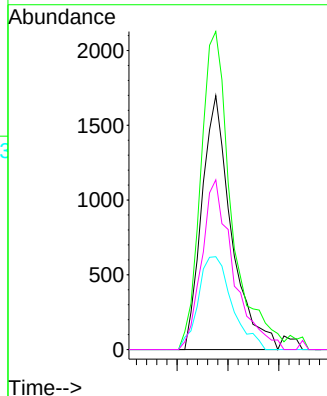
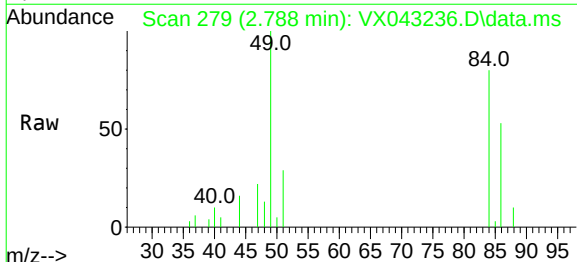
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP4

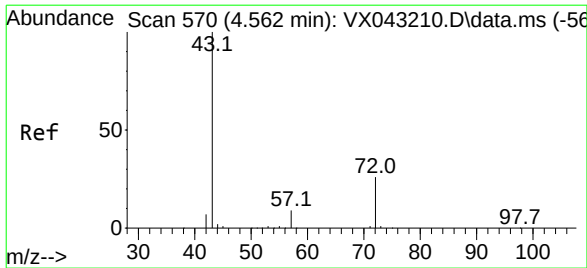
Tgt Ion: 43 Resp: 2018  
Ion Ratio Lower Upper  
43 100  
74 20.0 19.1 28.7



#20  
Methylene Chloride  
Concen: 3.351 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX043236.D  
Acq: 02 Oct 2024 17:04

Tgt Ion: 84 Resp: 3424  
Ion Ratio Lower Upper  
84 100  
49 125.3 96.7 145.1  
51 36.6 30.4 45.6  
86 66.8 54.7 82.1

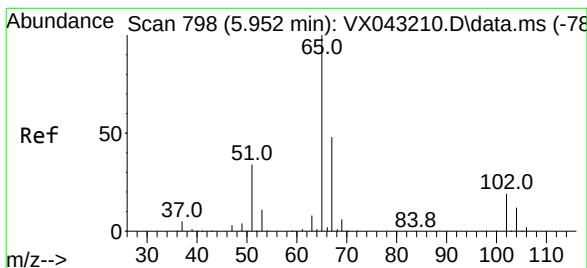
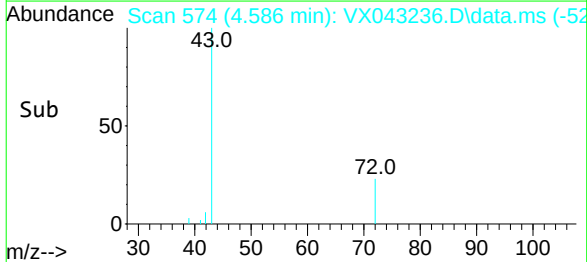
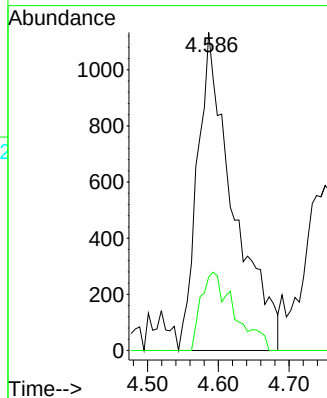
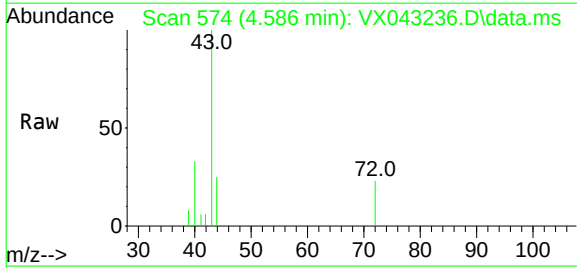




#25  
2-Butanone  
Concen: 5.275 ug/l  
RT: 4.586 min Scan# 57  
Delta R.T. 0.024 min  
Lab File: VX043236.D  
Acq: 02 Oct 2024 17:04

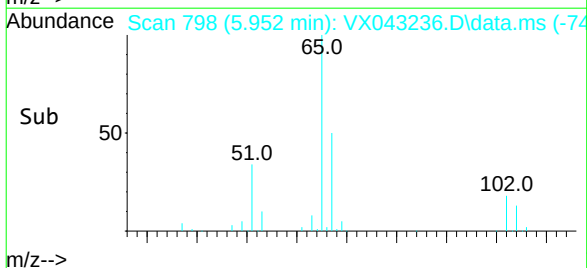
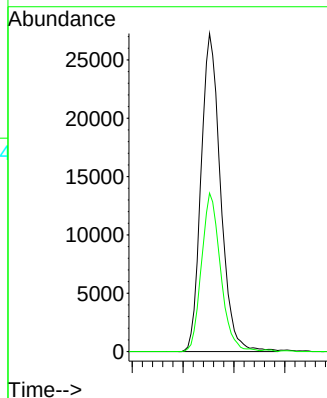
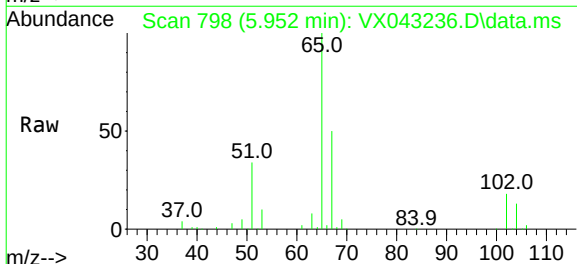
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP4

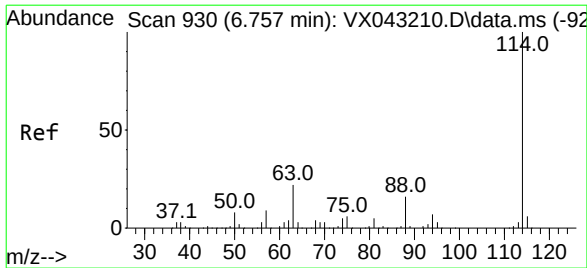
Tgt Ion: 43 Resp: 4009  
Ion Ratio Lower Upper  
43 100  
72 23.1 20.6 31.0



#33  
1,2-Dichloroethane-d4  
Concen: 54.733 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX043236.D  
Acq: 02 Oct 2024 17:04

Tgt Ion: 65 Resp: 72640  
Ion Ratio Lower Upper  
65 100  
67 48.7 0.0 99.0

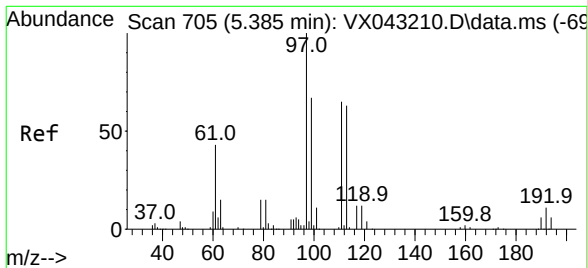
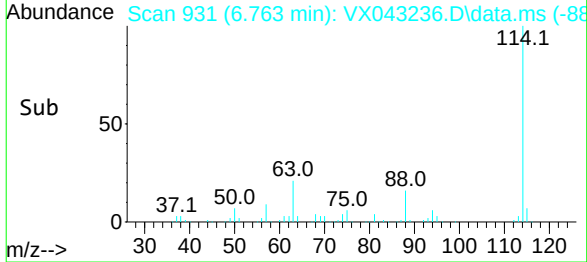
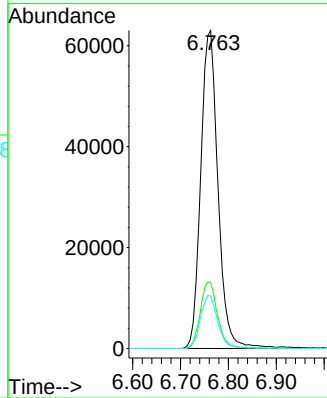
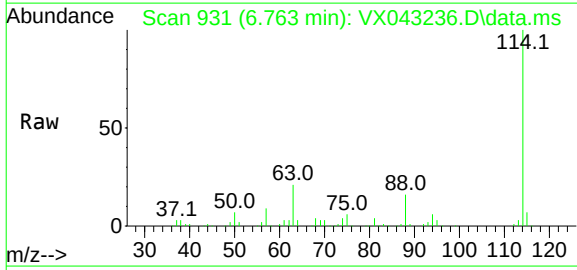




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. 0.006 min  
Lab File: VX043236.D  
Acq: 02 Oct 2024 17:04

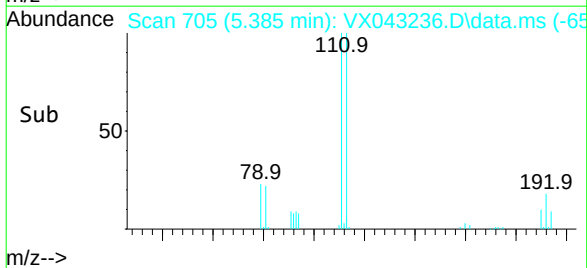
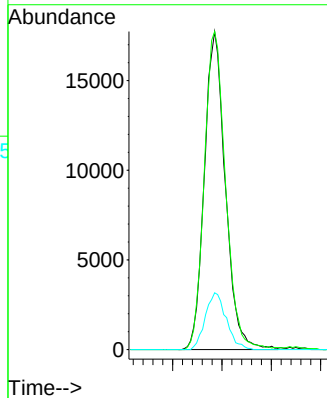
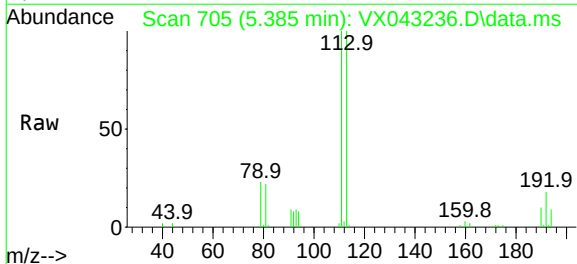
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP4

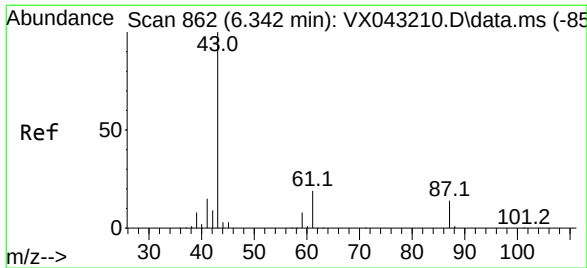
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 114   | Resp: | 157243 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 20.6  | 0.0   | 43.0   |
| 88       | 16.4  | 0.0   | 33.0   |



#35  
Dibromofluoromethane  
Concen: 48.294 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX043236.D  
Acq: 02 Oct 2024 17:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 52371 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 101.6 | 83.4  | 125.0 |
| 192      | 17.9  | 14.1  | 21.1  |





#43

Isopropyl Acetate

Concen: 30.336 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX043236.D

Acq: 02 Oct 2024 17:04

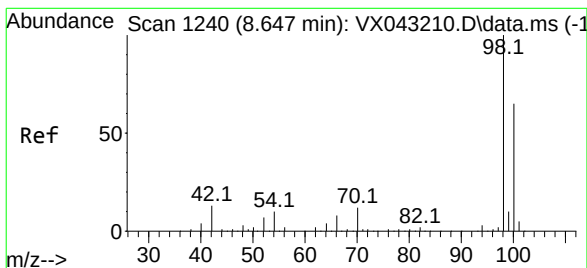
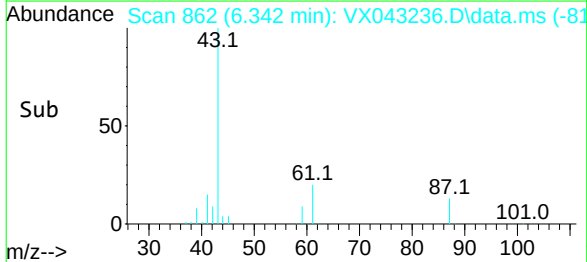
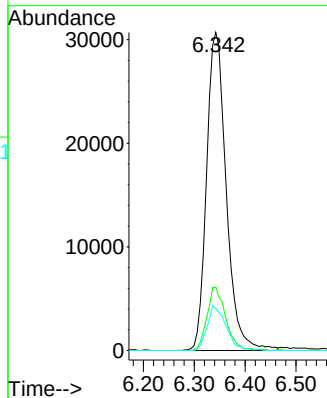
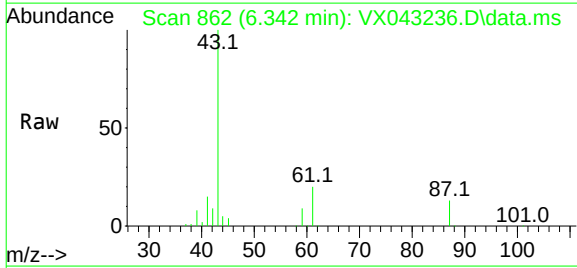
Instrument :

MSVOA\_X

ClientSampleId :

TP4

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 82433 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 18.9     | 15.1 22.7   |
| 87 13.5     | 10.8 16.2   |



#50

Toluene-d8

Concen: 50.292 ug/l

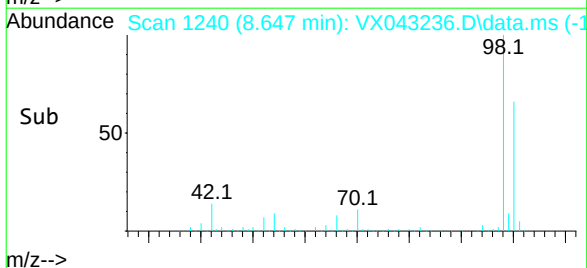
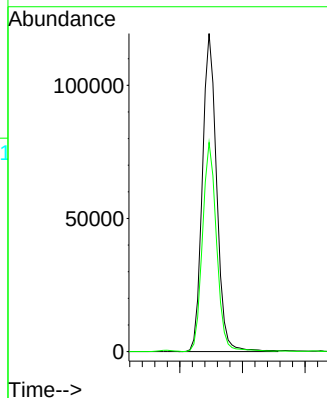
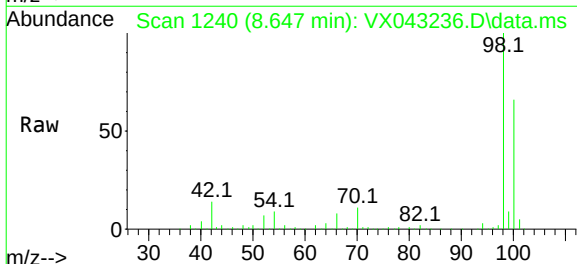
RT: 8.647 min Scan# 1240

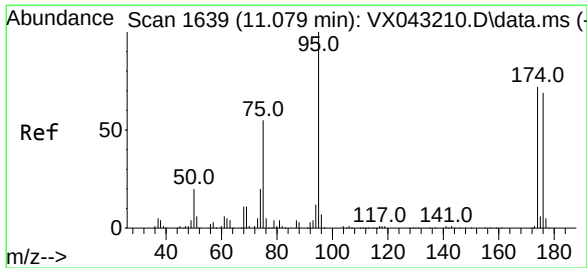
Delta R.T. -0.000 min

Lab File: VX043236.D

Acq: 02 Oct 2024 17:04

|             |              |
|-------------|--------------|
| Tgt Ion: 98 | Resp: 188998 |
| Ion Ratio   | Lower Upper  |
| 98 100      |              |
| 100 65.2    | 52.4 78.6    |





#62

4-Bromofluorobenzene

Concen: 48.719 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX043236.D

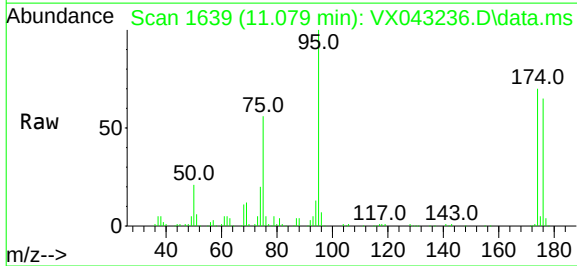
Acq: 02 Oct 2024 17:04

Instrument :

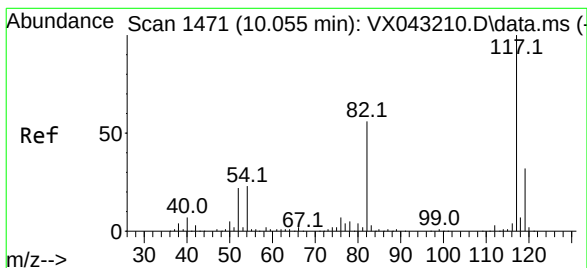
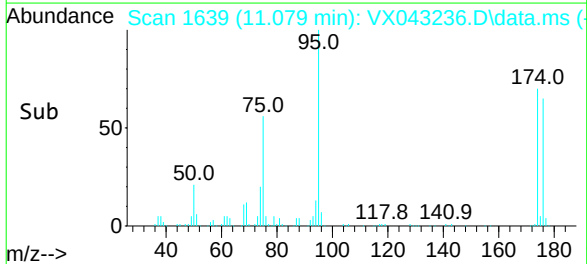
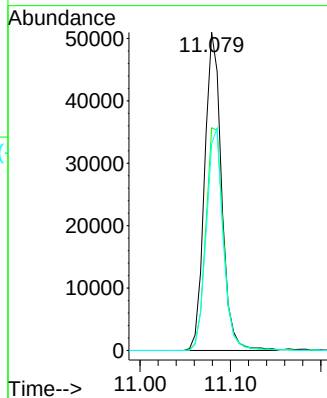
MSVOA\_X

ClientSampleId :

TP4



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 66514 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 174      | 73.0  | 0.0   | 145.0 |
| 176      | 69.8  | 0.0   | 143.0 |



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

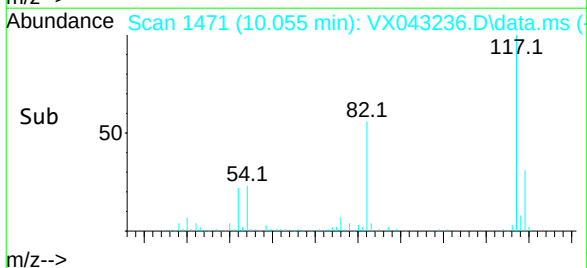
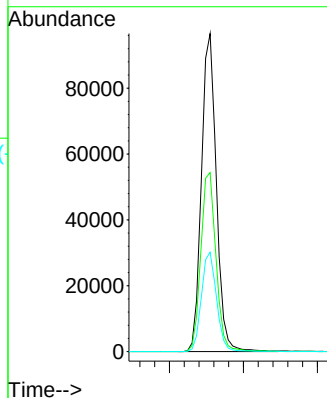
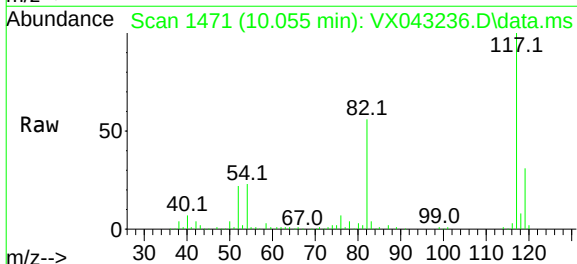
RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

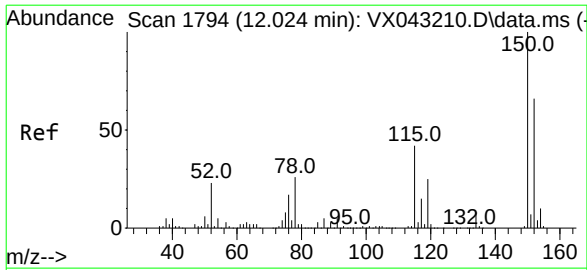
Lab File: VX043236.D

Acq: 02 Oct 2024 17:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 135144 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 56.3  | 45.0  | 67.6   |
| 119      | 31.2  | 25.3  | 37.9   |

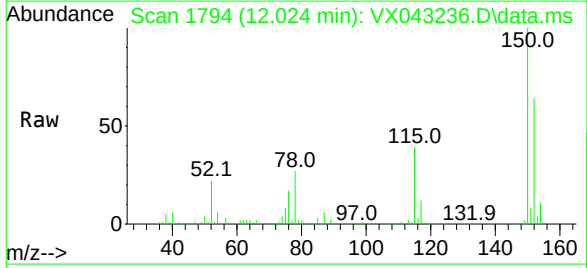






#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 17  
 Delta R.T. -0.000 min  
 Lab File: VX043236.D  
 Acq: 02 Oct 2024 17:04

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TP4



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 64.2  | 44.1  | 132.3 |
| 150     | 156.0 | 0.0   | 347.4 |

