

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071522\  
 Data File : VX030087.D  
 Acq On : 15 Jul 2022 13:30  
 Operator : JC/MD  
 Sample : N3735-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GWOW-BR-03-370-390-071422-FD

Quant Time: Jul 16 06:01:48 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X071222W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 13 09:05:23 2022  
 Response via : Initial Calibration

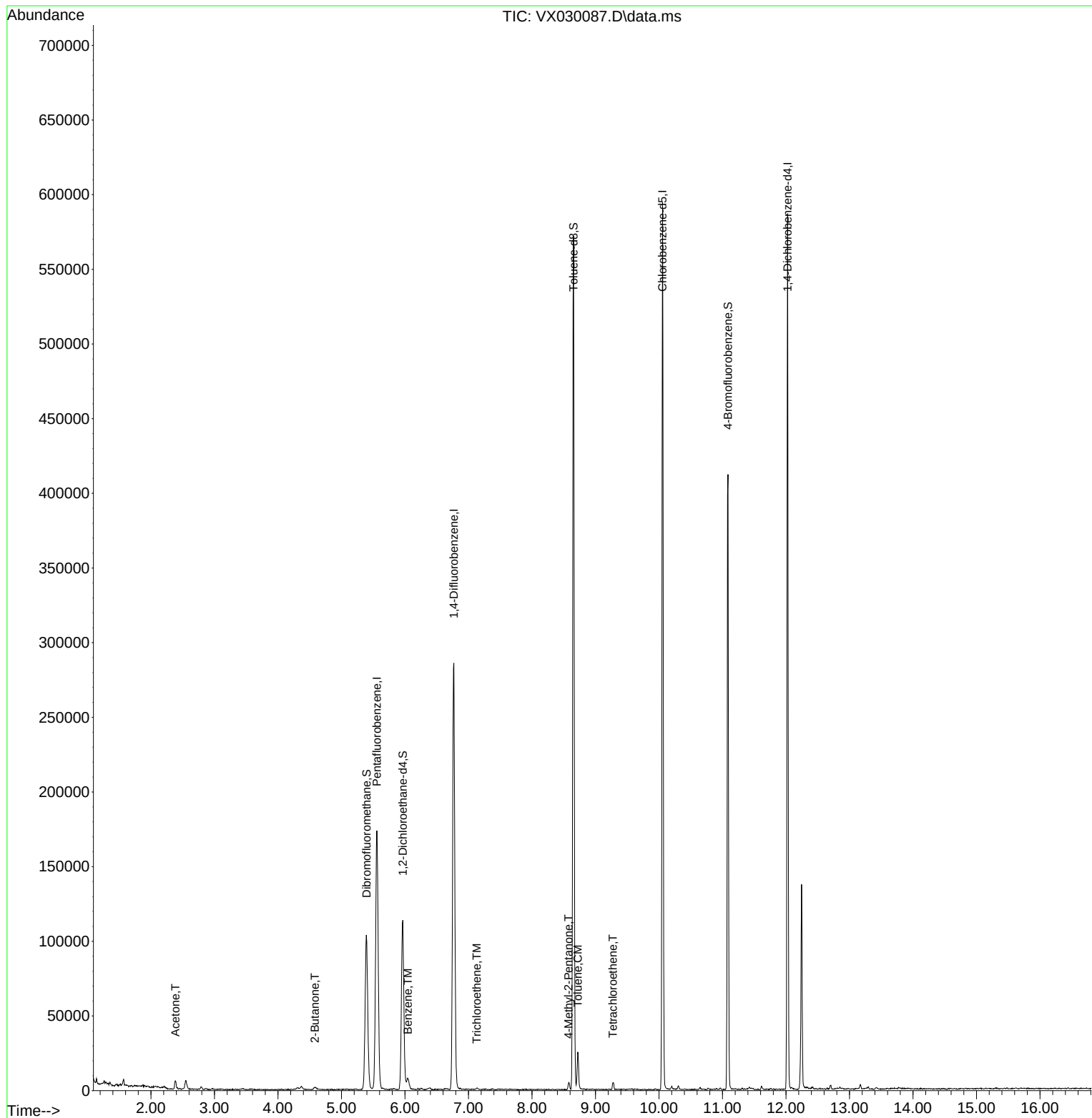
| Compound                    | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|--------|----------|
| -----                       |                |      |            |         |        |          |
| Internal Standards          |                |      |            |         |        |          |
| 1) Pentafluorobenzene       | 5.556          | 168  | 167035     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769          | 114  | 303339     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 264654     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 115703     | 50.000  | ug/l   | 0.00     |
|                             |                |      |            |         |        |          |
| System Monitoring Compounds |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.964          | 65   | 101000     | 49.677  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 99.360% |        |          |
| 35) Dibromofluoromethane    | 5.397          | 113  | 91408      | 47.170  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 94.340% |        |          |
| 50) Toluene-d8              | 8.653          | 98   | 345312     | 47.380  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 94.760% |        |          |
| 62) 4-Bromofluorobenzene    | 11.085         | 95   | 118145     | 46.713  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 93.420% |        |          |
|                             |                |      |            |         |        |          |
| Target Compounds            |                |      |            |         | Qvalue |          |
| 16) Acetone                 | 2.386          | 43   | 6118       | 6.386   | ug/l   | 95       |
| 25) 2-Butanone              | 4.581          | 43   | 3071       | 1.882   | ug/l # | 70       |
| 40) Benzene                 | 6.044          | 78   | 8570       | 1.088   | ug/l   | 95       |
| 44) Trichloroethene         | 7.129          | 130  | 551        | 0.239   | ug/l   | 72       |
| 51) 4-Methyl-2-Pentanone    | 8.574          | 43   | 3033       | 0.948   | ug/l   | 94       |
| 52) Toluene                 | 8.720          | 92   | 8805       | 1.760   | ug/l   | 90       |
| 64) Tetrachloroethene       | 9.275          | 164  | 910        | 0.428   | ug/l # | 86       |
| -----                       |                |      |            |         |        |          |

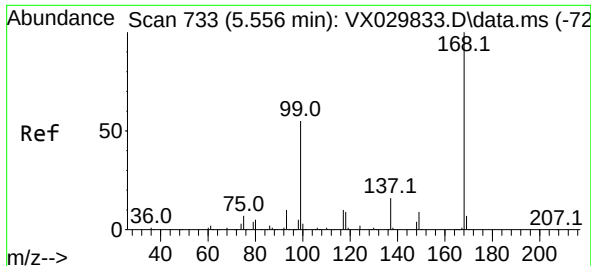
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
ClientSampleId :  
GWOW-BR-03-370-390-071422-FD

Quant Time: Jul 16 06:01:48 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X071222W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jul 13 09:05:23 2022  
Response via : Initial Calibration

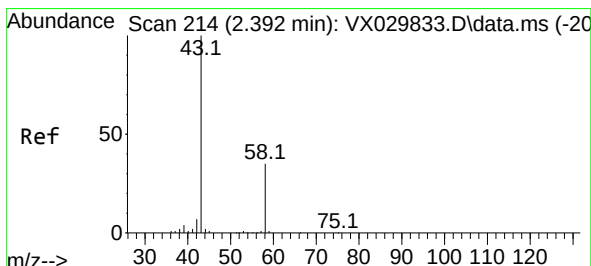
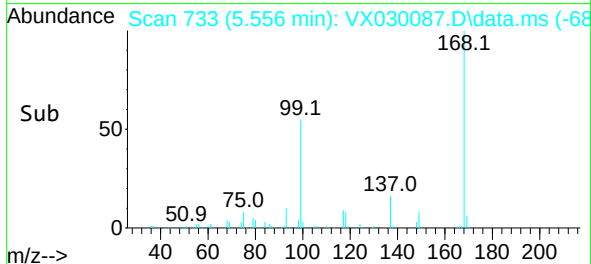
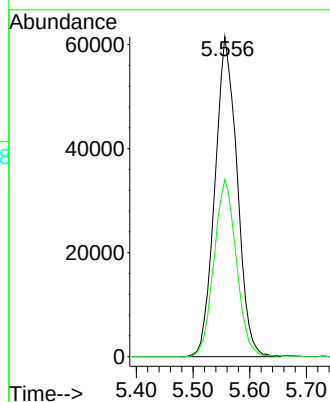
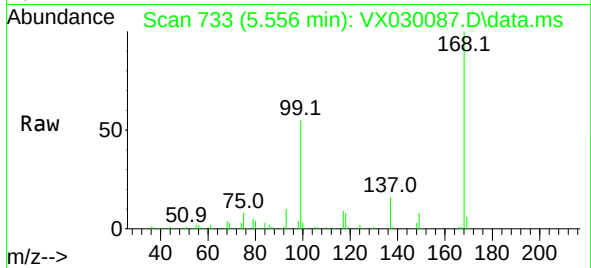




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX030087.D  
Acq: 15 Jul 2022 13:30

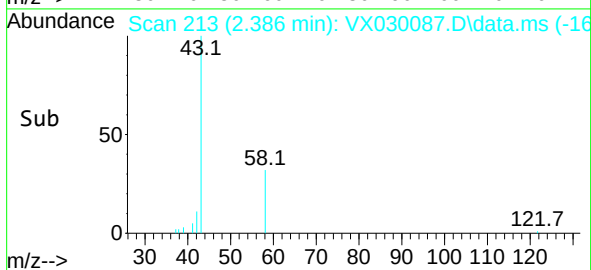
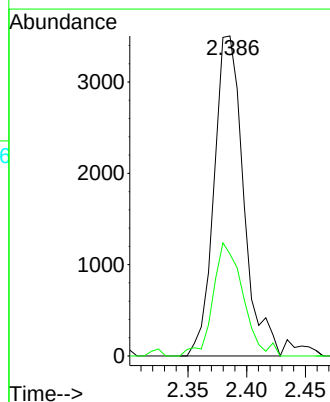
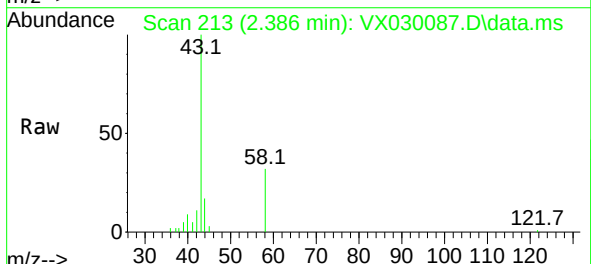
Instrument :  
MSVOA\_X  
ClientSampleId :  
GWOW-BR-03-370-390-071422-FD

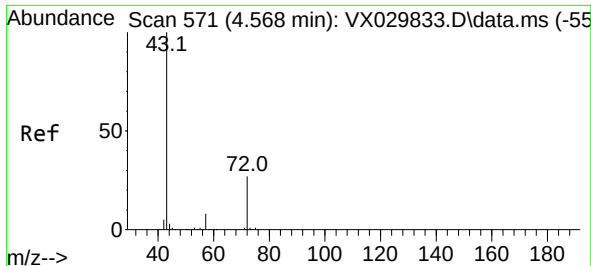
Tgt Ion:168 Resp: 167035  
Ion Ratio Lower Upper  
168 100  
99 55.3 44.0 66.0



#16  
Acetone  
Concen: 6.386 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX030087.D  
Acq: 15 Jul 2022 13:30

Tgt Ion: 43 Resp: 6118  
Ion Ratio Lower Upper  
43 100  
58 31.9 27.7 41.5

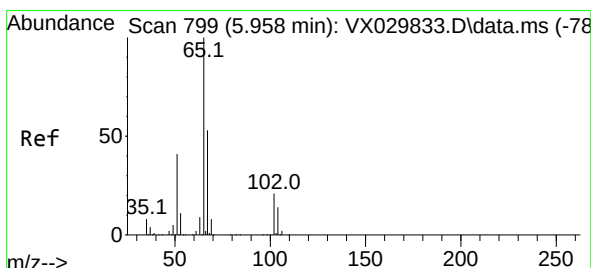
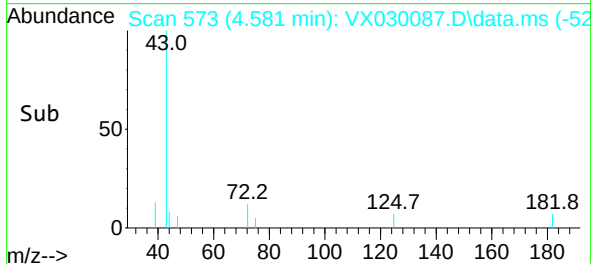
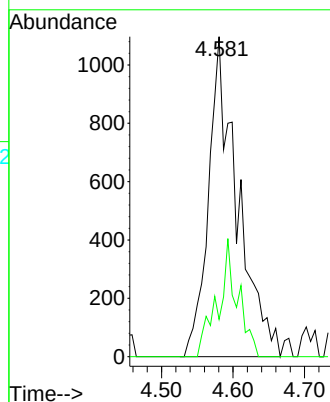
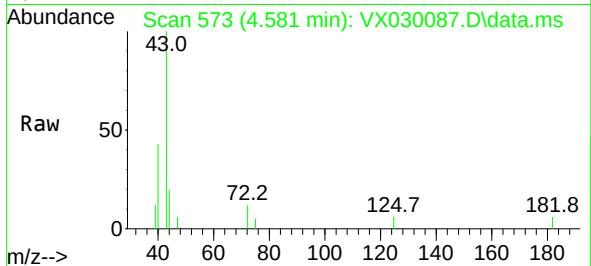




#25  
2-Butanone  
Concen: 1.882 ug/l  
RT: 4.581 min Scan# 51  
Delta R.T. 0.013 min  
Lab File: VX030087.D  
Acq: 15 Jul 2022 13:30

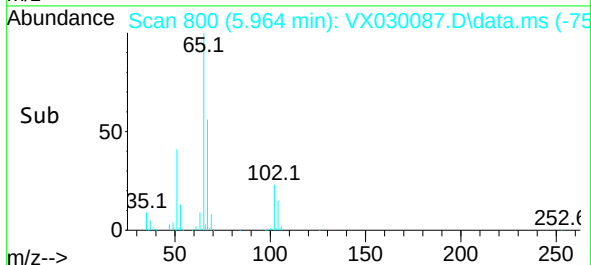
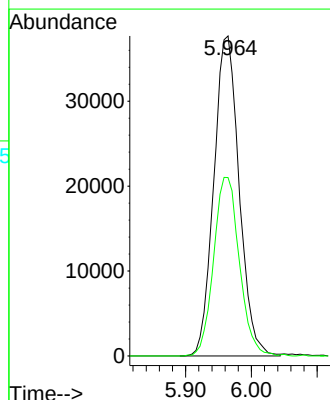
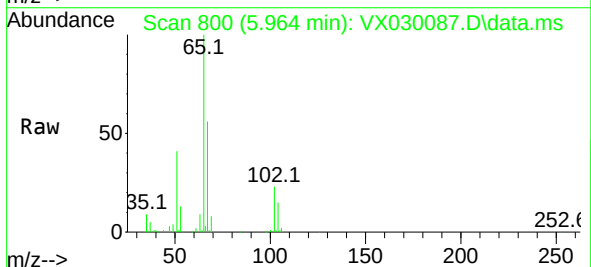
Instrument :  
MSVOA\_X  
ClientSampleId :  
GWOW-BR-03-370-390-071422-FD

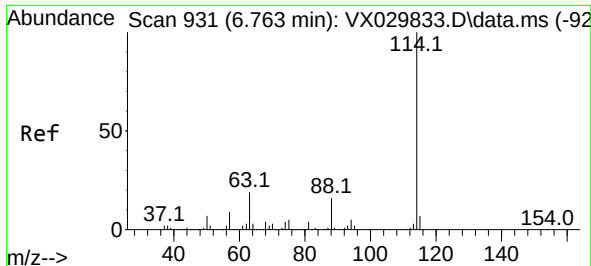
Tgt Ion: 43 Resp: 3071  
Ion Ratio Lower Upper  
43 100  
72 11.7 21.7 32.5#



#33  
1,2-Dichloroethane-d4  
Concen: 49.677 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.006 min  
Lab File: VX030087.D  
Acq: 15 Jul 2022 13:30

Tgt Ion: 65 Resp: 101000  
Ion Ratio Lower Upper  
65 100  
67 56.8 0.0 109.6

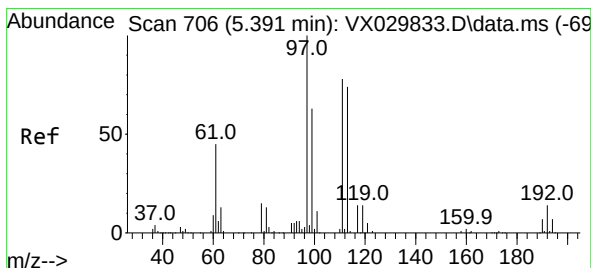
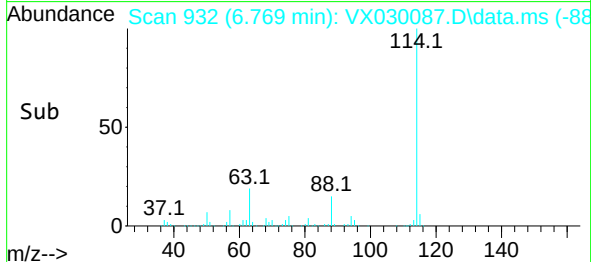
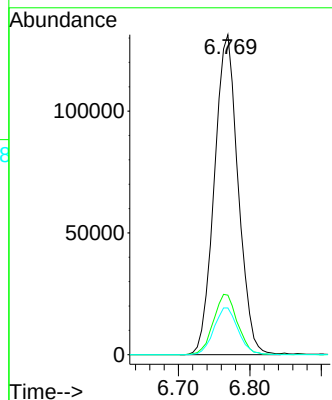
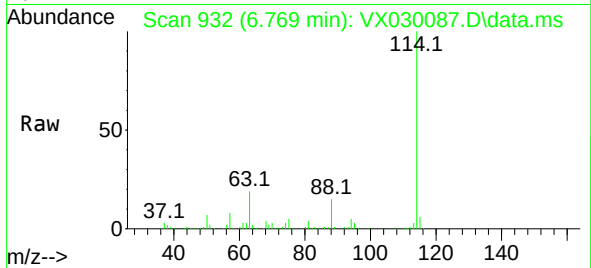




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VX030087.D  
Acq: 15 Jul 2022 13:30

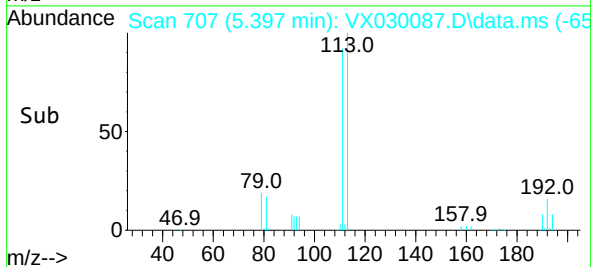
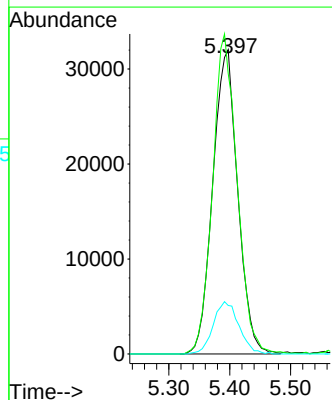
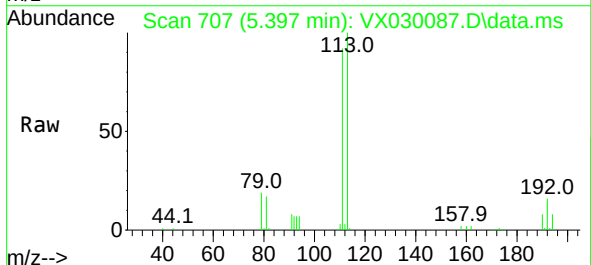
Instrument :  
MSVOA\_X  
ClientSampleId :  
GWOW-BR-03-370-390-071422-FD

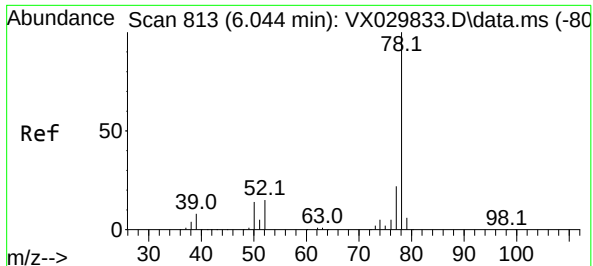
Tgt Ion:114 Resp: 303339  
Ion Ratio Lower Upper  
114 100  
63 18.6 0.0 38.4  
88 14.6 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 47.170 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VX030087.D  
Acq: 15 Jul 2022 13:30

Tgt Ion:113 Resp: 91408  
Ion Ratio Lower Upper  
113 100  
111 103.1 83.2 124.8  
192 17.6 14.8 22.2





#40

Benzene

Concen: 1.088 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX030087.D

Acq: 15 Jul 2022 13:30

Instrument :

MSVOA\_X

ClientSampleId :

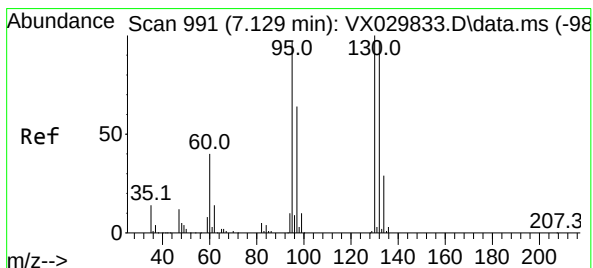
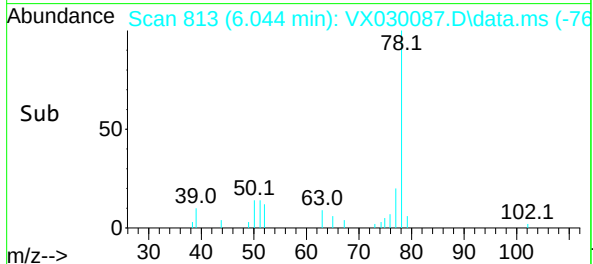
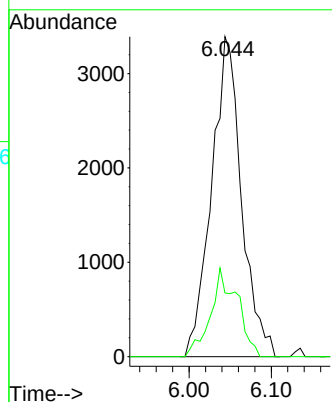
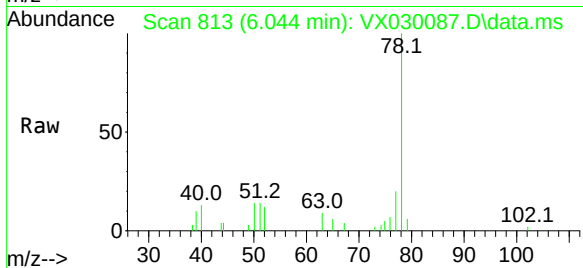
GWOW-BR-03-370-390-071422-FD

Tgt Ion: 78 Resp: 8570

Ion Ratio Lower Upper

78 100

77 19.9 18.0 27.0



#44

Trichloroethene

Concen: 0.239 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX030087.D

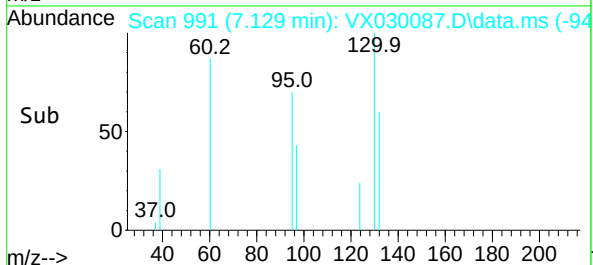
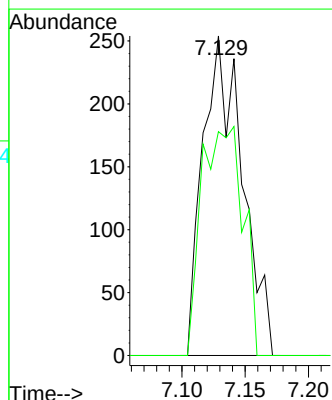
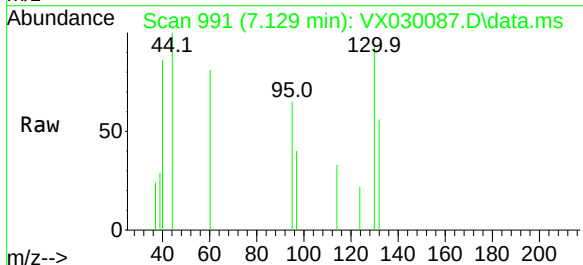
Acq: 15 Jul 2022 13:30

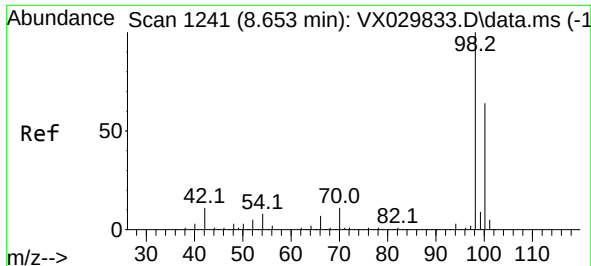
Tgt Ion:130 Resp: 551

Ion Ratio Lower Upper

130 100

95 70.1 0.0 194.8

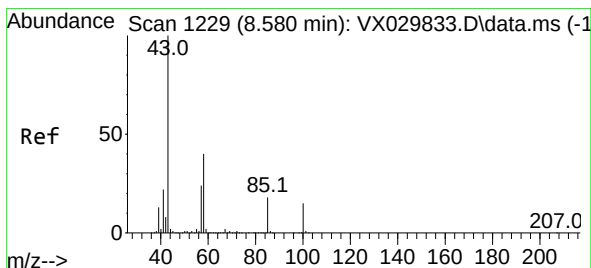
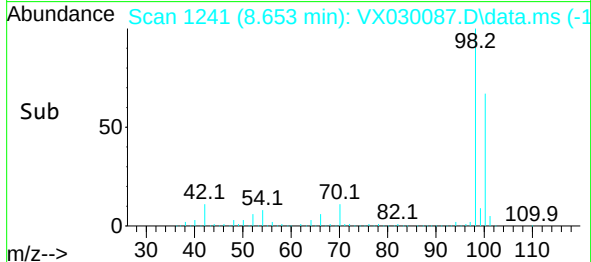
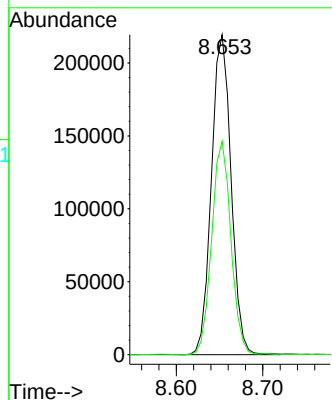
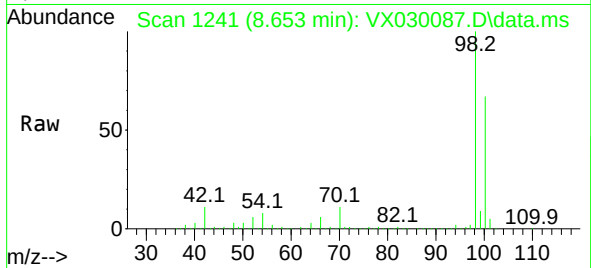




#50  
Toluene-d8  
Concen: 47.380 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX030087.D  
Acq: 15 Jul 2022 13:30

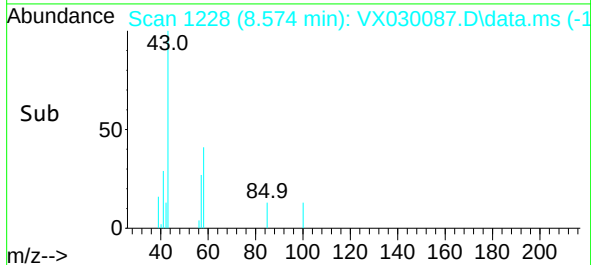
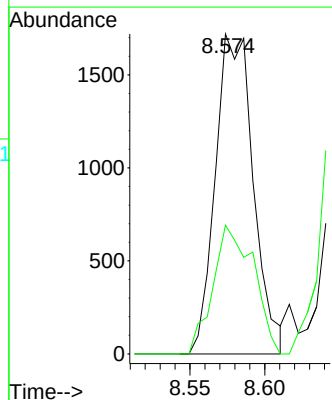
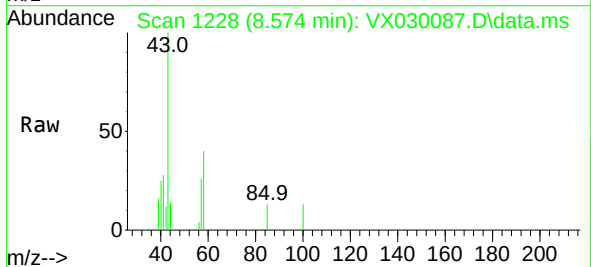
Instrument : MSVOA\_X  
ClientSampleId : GWOW-BR-03-370-390-071422-FD

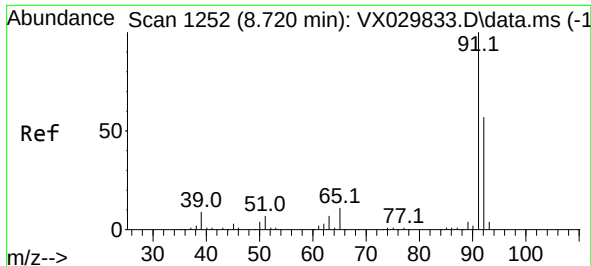
Tgt Ion: 98 Resp: 345312  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.3 78.5



#51  
4-Methyl-2-Pentanone  
Concen: 0.948 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. -0.006 min  
Lab File: VX030087.D  
Acq: 15 Jul 2022 13:30

Tgt Ion: 43 Resp: 3033  
Ion Ratio Lower Upper  
43 100  
58 43.0 31.4 47.2

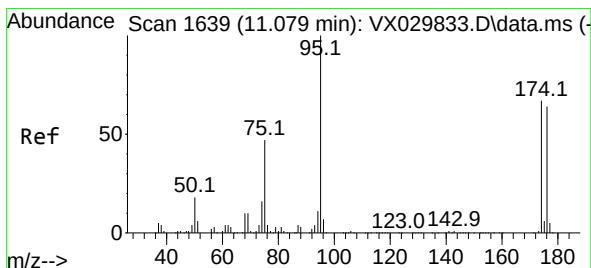
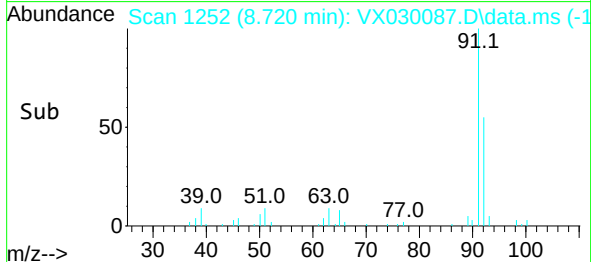
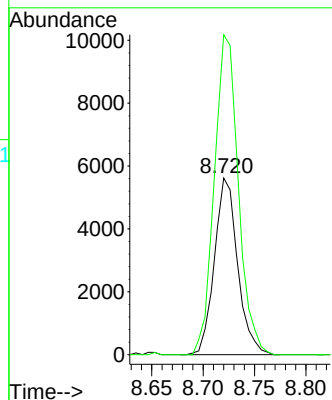
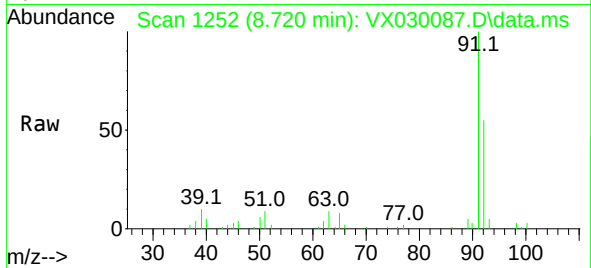




#52  
Toluene  
Concen: 1.760 ug/l  
RT: 8.720 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX030087.D  
Acq: 15 Jul 2022 13:30

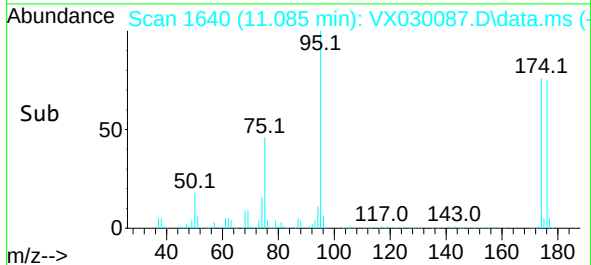
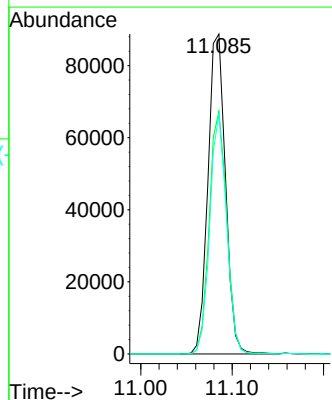
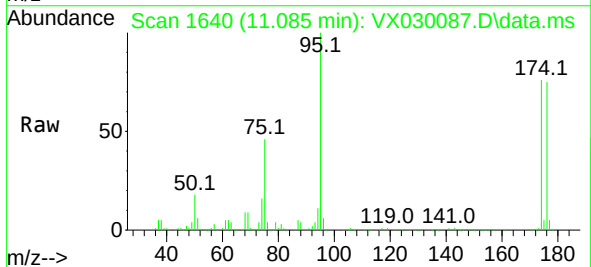
Instrument : MSVOA\_X  
ClientSampleId : GWOW-BR-03-370-390-071422-FD

Tgt Ion: 92 Resp: 8805  
Ion Ratio Lower Upper  
92 100  
91 187.9 139.2 208.8

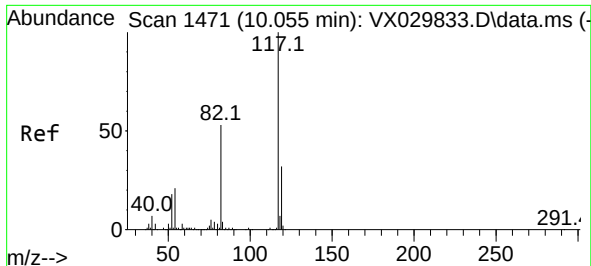


#62  
4-Bromofluorobenzene  
Concen: 46.713 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.006 min  
Lab File: VX030087.D  
Acq: 15 Jul 2022 13:30

Tgt Ion: 95 Resp: 118145  
Ion Ratio Lower Upper  
95 100  
174 75.8 0.0 149.0  
176 71.4 0.0 146.0



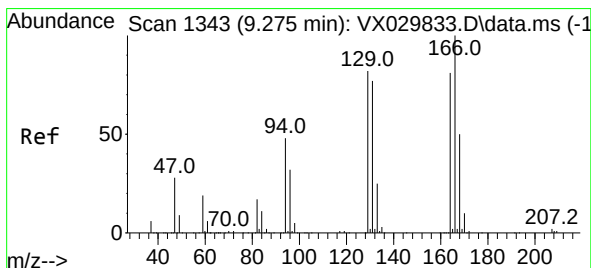
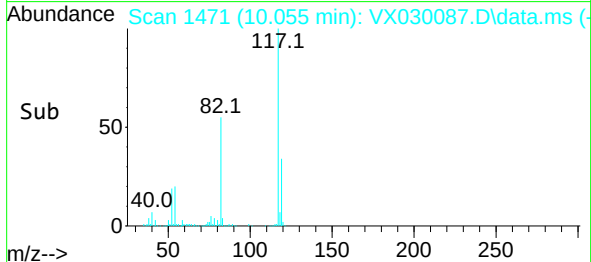
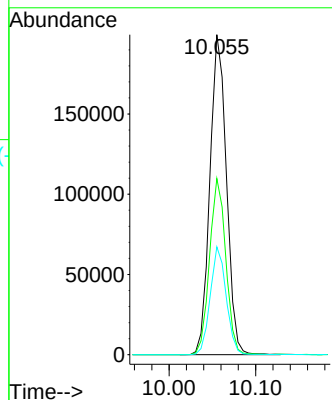
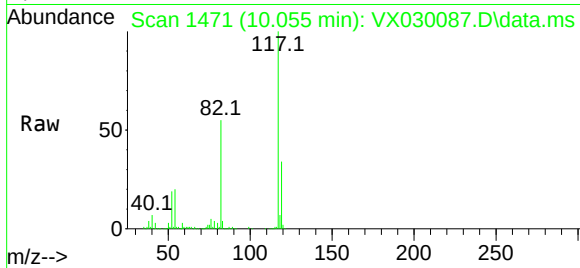




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX030087.D  
Acq: 15 Jul 2022 13:30

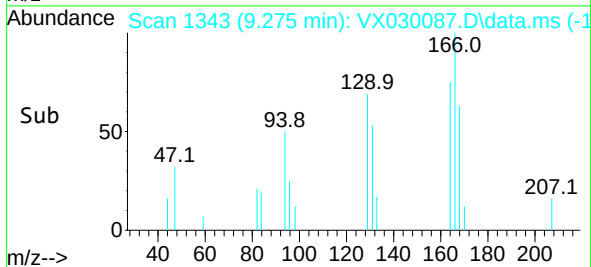
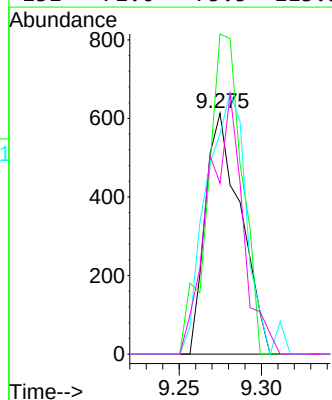
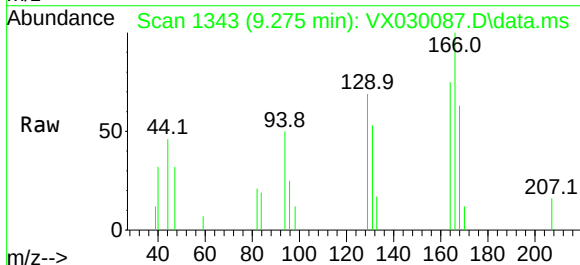
Instrument : MSVOA\_X  
ClientSampleId : GWOW-BR-03-370-390-071422-FD

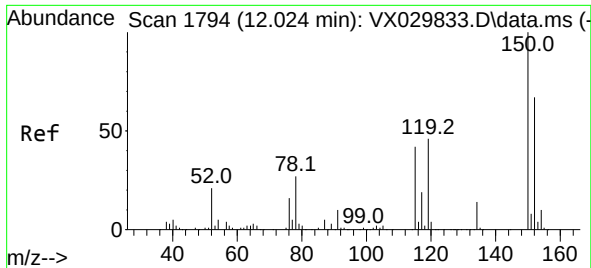
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 264654 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 55.1  | 42.7  | 64.1   |
| 119      | 33.7  | 25.4  | 38.2   |



#64  
Tetrachloroethene  
Concen: 0.428 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX030087.D  
Acq: 15 Jul 2022 13:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 910   |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 133.0 | 98.2  | 147.4 |
| 129      | 91.5  | 80.8  | 121.2 |
| 131      | 71.0  | 75.5  | 113.3 |





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030087.D

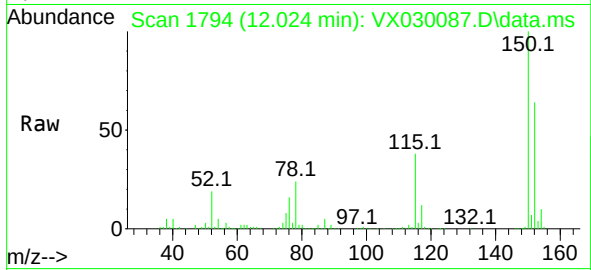
Acq: 15 Jul 2022 13:30

Instrument :

MSVOA\_X

ClientSampleId :

GWOW-BR-03-370-390-071422-FD



Tgt Ion:152 Resp: 115703

Ion Ratio Lower Upper

152 100

115 58.8 40.5 121.5

150 159.0 0.0 347.0

