

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062124\  
 Data File : VX041991.D  
 Acq On : 21 Jun 2024 19:32  
 Operator : JC/MD  
 Sample : P3002-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-196-GW-620-622

Quant Time: Jun 22 04:46:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 21 23:51:58 2024  
 Response via : Initial Calibration

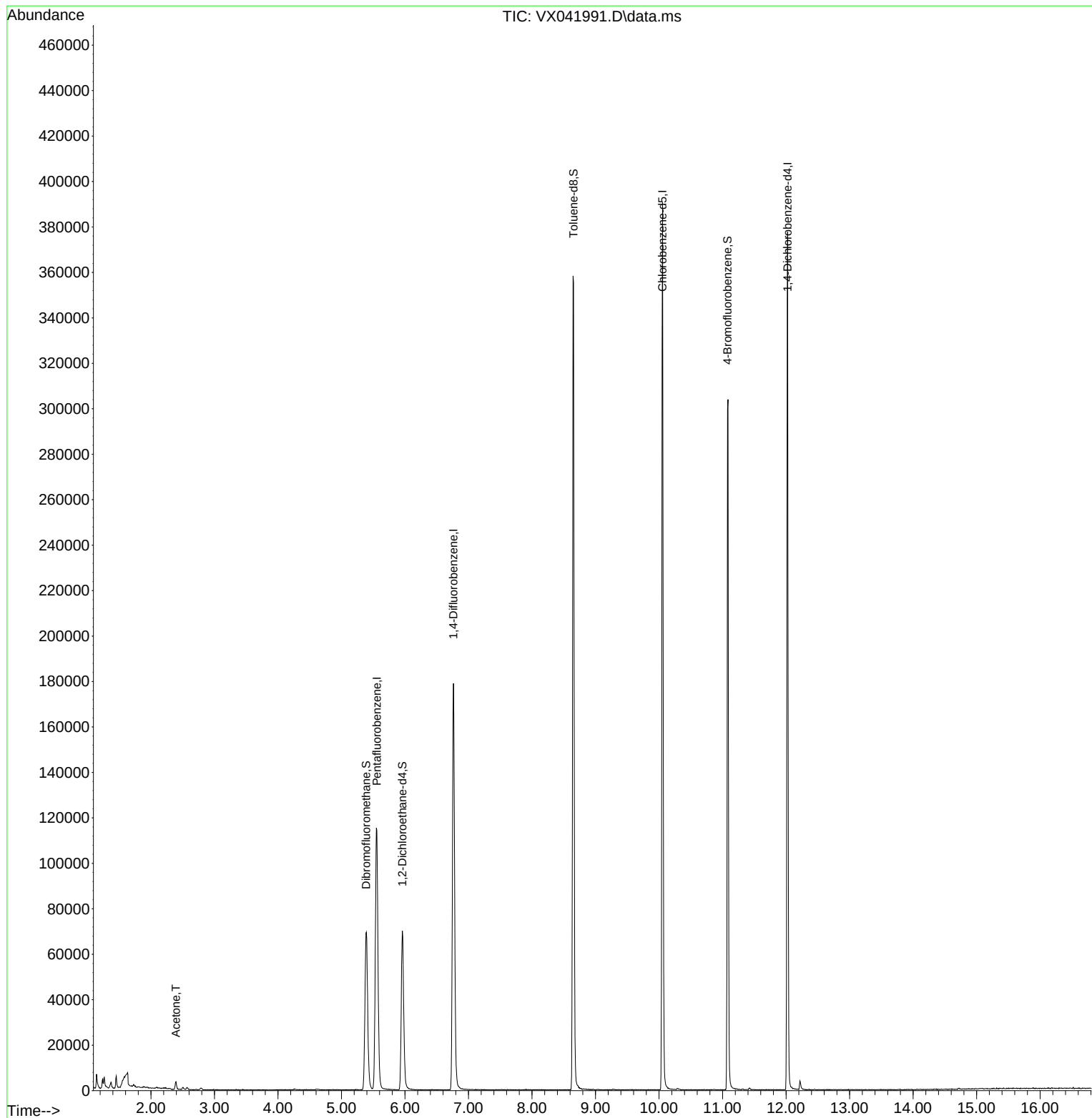
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 127845   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 197423   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 191416   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 88719    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 67265    | 45.628   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 91.260%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 63796    | 45.542   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 91.080%  |
| 50) Toluene-d8              | 8.653  | 98    | 232676   | 47.281   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 94.560%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 82651    | 45.561   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 91.120%  |
| Target Compounds            |        |       |          |          |       |          |
| 16) Acetone                 | 2.392  | 43    | 4003     | 6.184    | ug/l  | # 88     |
| -----                       |        |       |          |          |       |          |

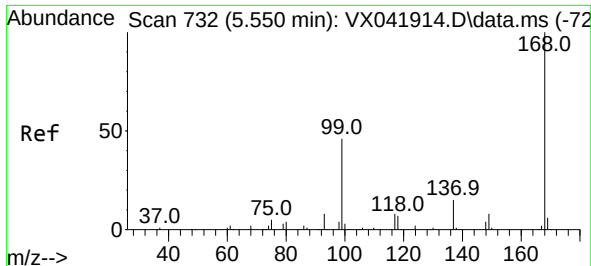
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 21 23:51:58 2024  
Response via : Initial Calibration

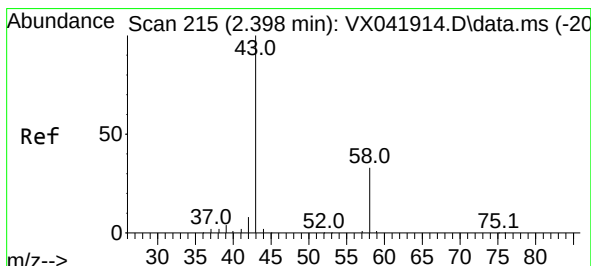
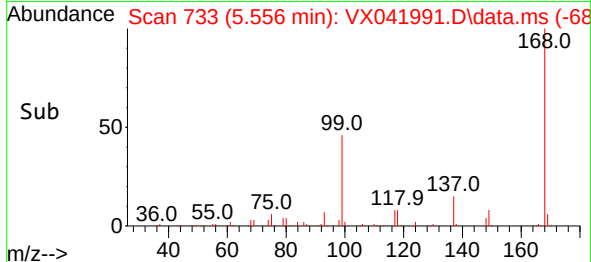
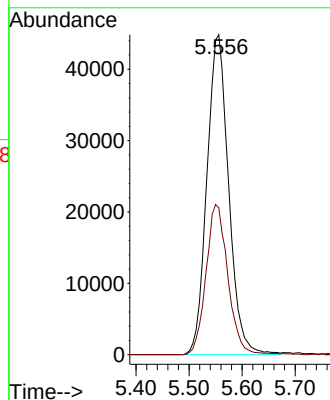
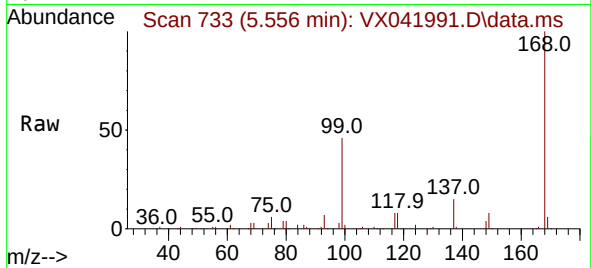




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX041991.D  
Acq: 21 Jun 2024 19:32

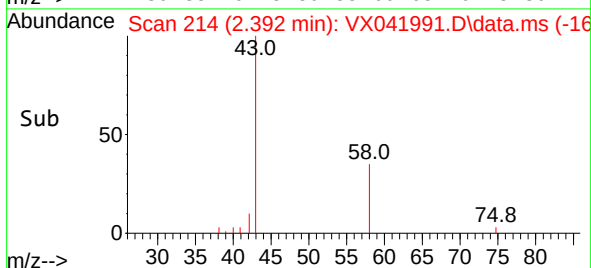
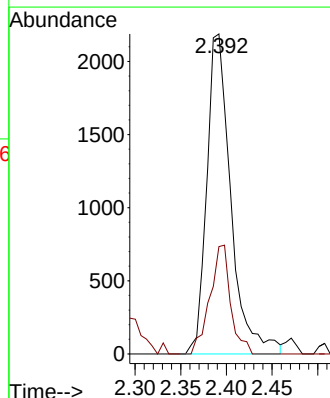
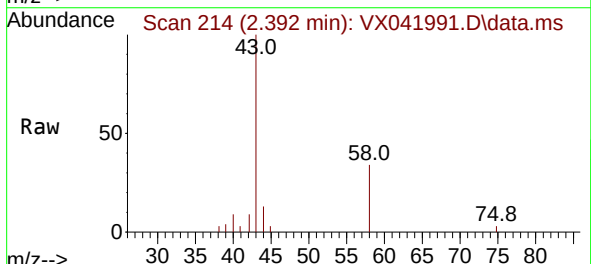
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-196-GW-620-622

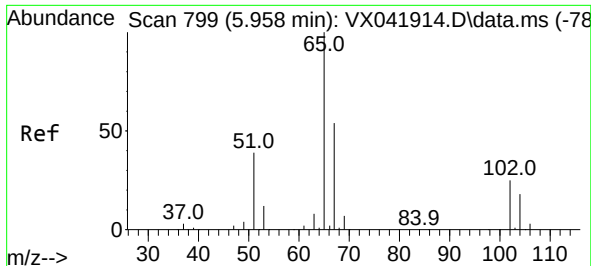
Tgt Ion:168 Resp: 127845  
Ion Ratio Lower Upper  
168 100  
99 46.0 56.6 85.0#



#16  
Acetone  
Concen: 6.184 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.006 min  
Lab File: VX041991.D  
Acq: 21 Jun 2024 19:32

Tgt Ion: 43 Resp: 4003  
Ion Ratio Lower Upper  
43 100  
58 33.5 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 45.628 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX041991.D

Acq: 21 Jun 2024 19:32

Instrument :

MSVOA\_X

ClientSampleId :

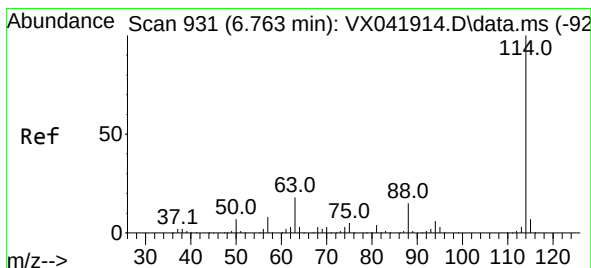
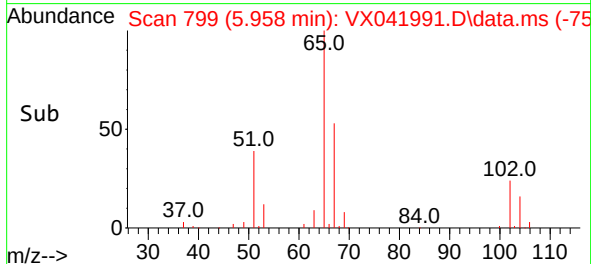
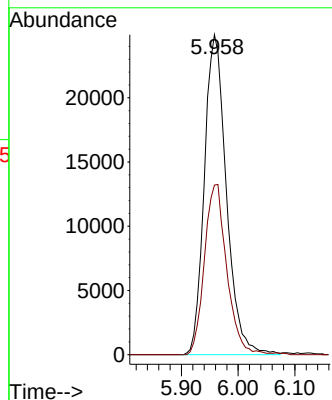
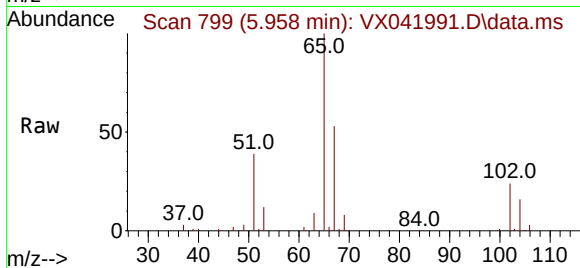
BP-VPB-196-GW-620-622

Tgt Ion: 65 Resp: 67265

Ion Ratio Lower Upper

65 100

67 53.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX041991.D

Acq: 21 Jun 2024 19:32

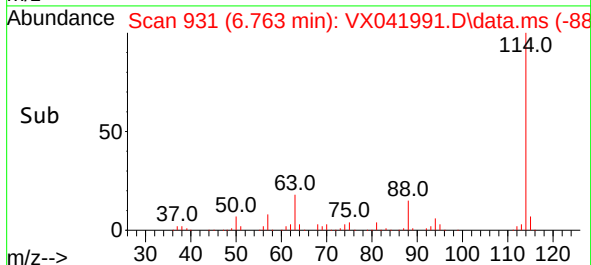
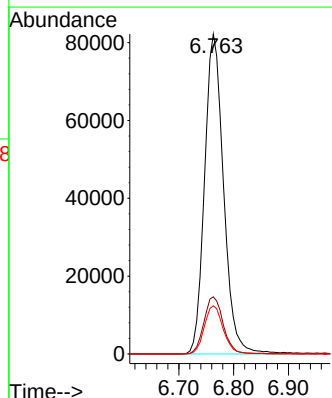
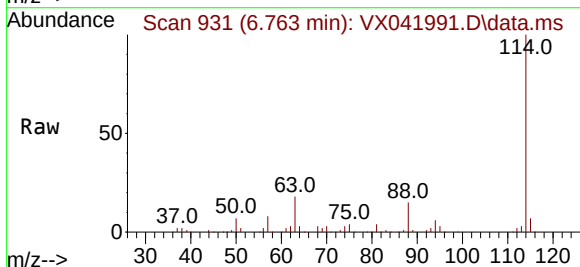
Tgt Ion: 114 Resp: 197423

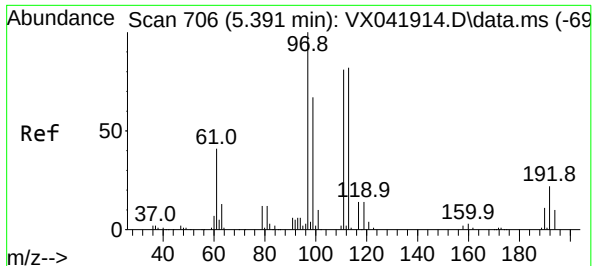
Ion Ratio Lower Upper

114 100

63 17.9 0.0 45.0

88 15.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.542 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX041991.D

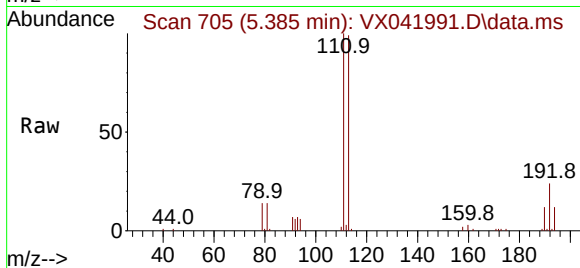
Acq: 21 Jun 2024 19:32

Instrument :

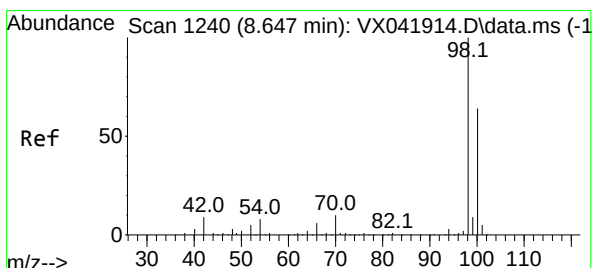
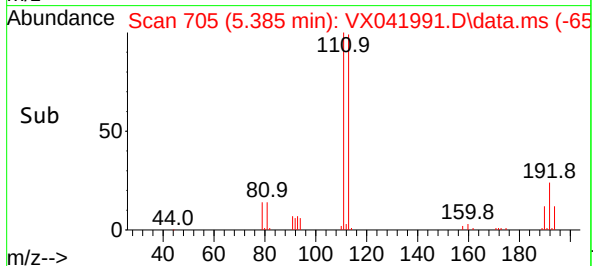
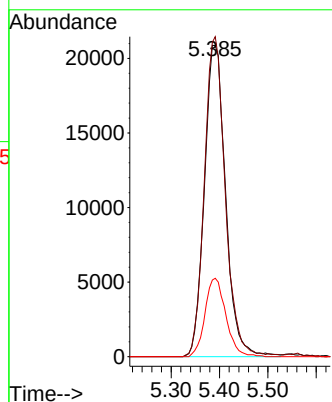
MSVOA\_X

ClientSampleId :

BP-VPB-196-GW-620-622



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 63796 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 101.1 | 82.9  | 124.3 |
| 192      | 24.8  | 13.3  | 19.9  |



#50

Toluene-d8

Concen: 47.281 ug/l

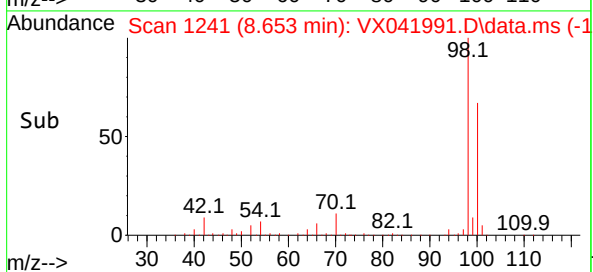
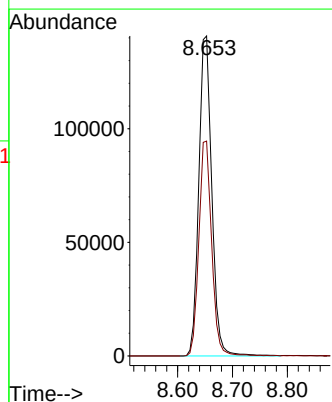
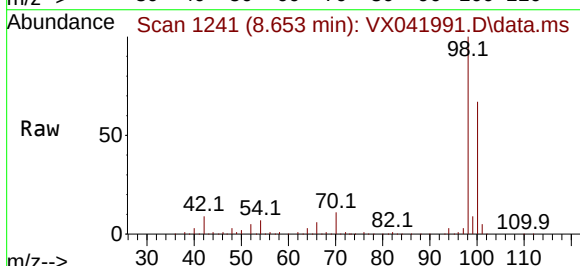
RT: 8.653 min Scan# 1241

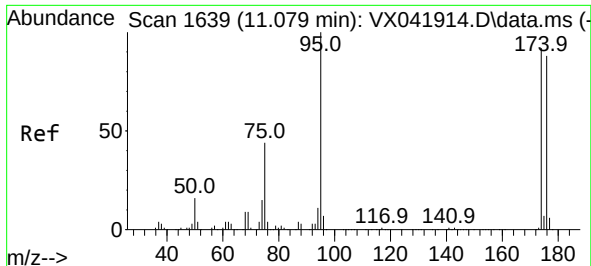
Delta R.T. 0.006 min

Lab File: VX041991.D

Acq: 21 Jun 2024 19:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 232676 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 66.4  | 53.1  | 79.7   |

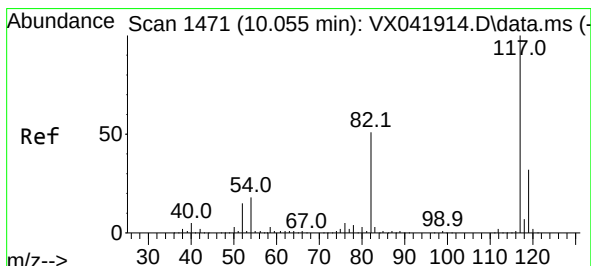
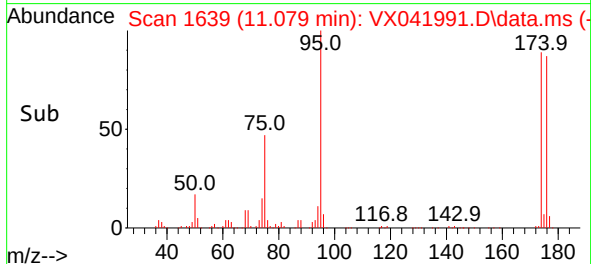
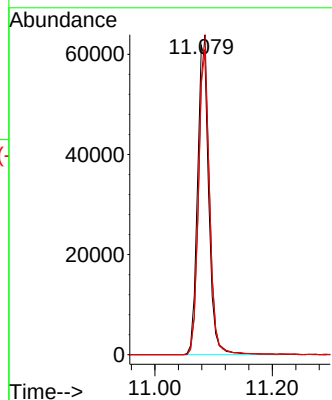
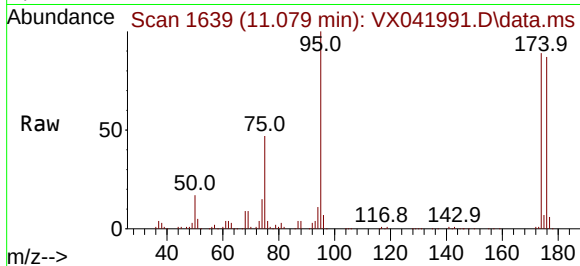




#62  
4-Bromofluorobenzene  
Concen: 45.561 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX041991.D  
Acq: 21 Jun 2024 19:32

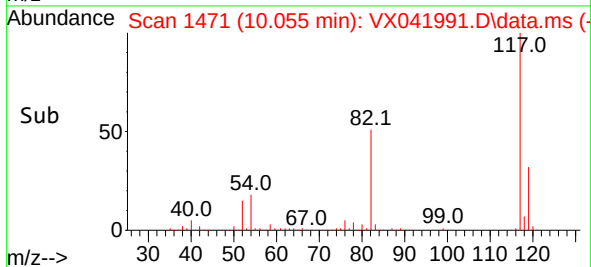
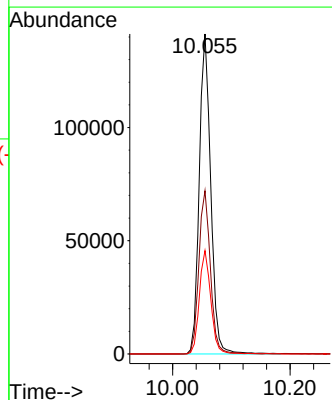
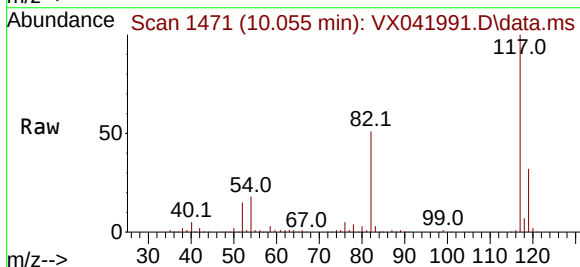
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MSVOA\_X  
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BP-VPB-196-GW-620-622

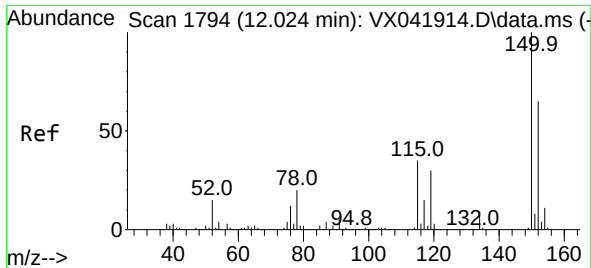
Tgt Ion: 95 Resp: 82651  
Ion Ratio Lower Upper  
95 100  
174 98.4 0.0 135.6  
176 95.8 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX041991.D  
Acq: 21 Jun 2024 19:32

Tgt Ion: 117 Resp: 191416  
Ion Ratio Lower Upper  
117 100  
82 51.0 46.2 69.4  
119 32.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041991.D

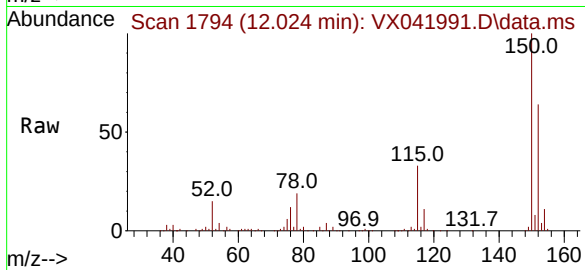
Acq: 21 Jun 2024 19:32

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB-196-GW-620-622



Tgt Ion:152 Resp: 88719

Ion Ratio Lower Upper

152 100

115 53.5 43.3 129.9

150 158.3 0.0 345.0

