

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX091522\  
 Data File : VX031389.D  
 Acq On : 16 Sep 2022 06:12  
 Operator : JC/MD  
 Sample : N4626-08  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-RW5-GW-408-410

Quant Time: Sep 16 08:48:34 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091422W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 15 01:50:07 2022  
 Response via : Initial Calibration

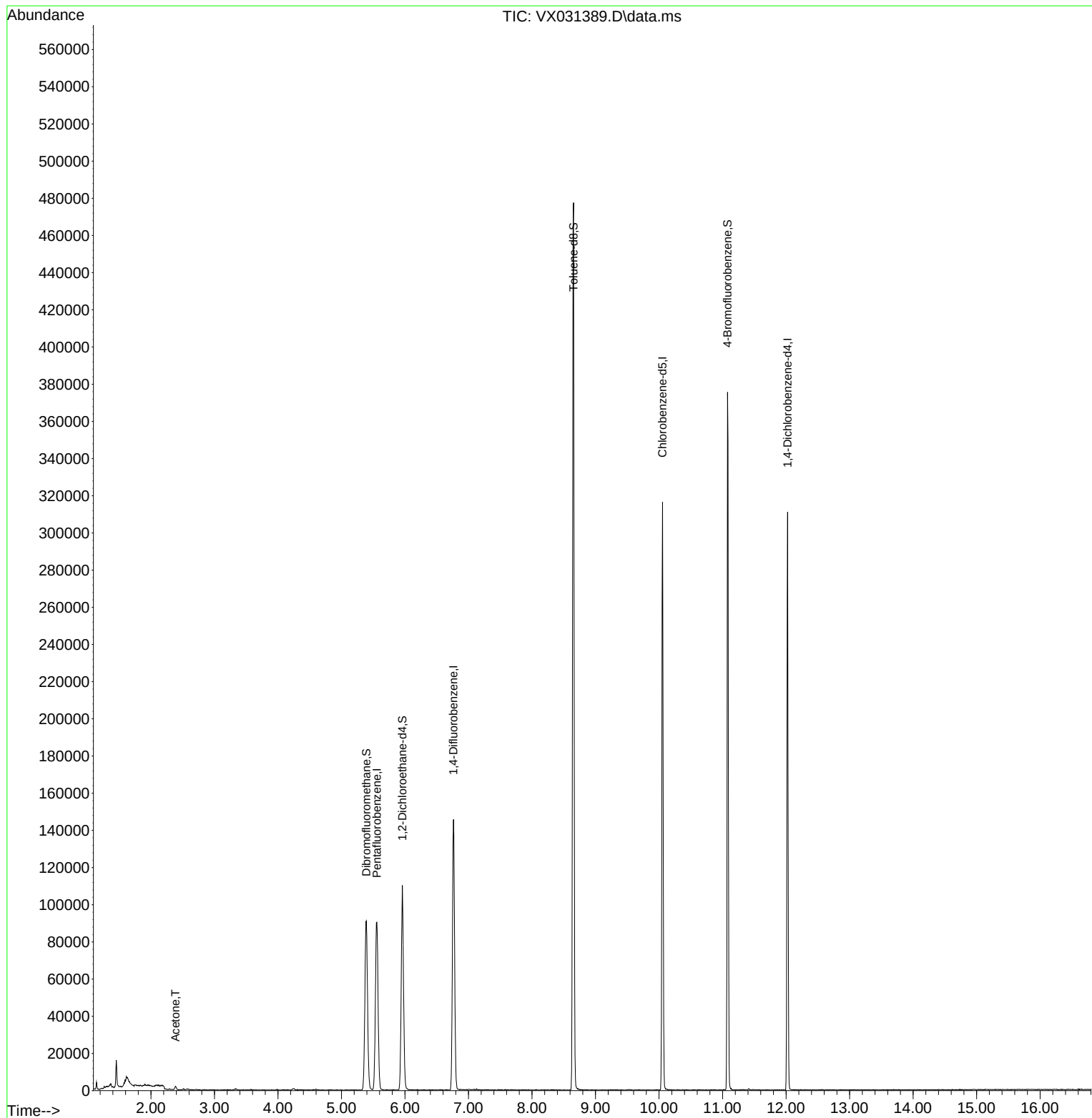
| Compound                    | R.T.           | QIon | Response   | Conc     | Units | Dev(Min)  |
|-----------------------------|----------------|------|------------|----------|-------|-----------|
| -----                       |                |      |            |          |       |           |
| Internal Standards          |                |      |            |          |       |           |
| 1) Pentafluorobenzene       | 5.556          | 168  | 88388      | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.763          | 114  | 147378     | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 134052     | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 59234      | 50.000   | ug/l  | 0.00      |
|                             |                |      |            |          |       |           |
| System Monitoring Compounds |                |      |            |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 5.958          | 65   | 92092      | 42.448   | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 84.900%  |       |           |
| 35) Dibromofluoromethane    | 5.391          | 113  | 75332      | 47.552   | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 95.100%  |       |           |
| 50) Toluene-d8              | 8.653          | 98   | 281033     | 47.291   | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 94.580%  |       |           |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 86333      | 39.673   | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 79.340%# |       |           |
|                             |                |      |            |          |       |           |
| Target Compounds            |                |      |            |          |       |           |
| 16) Acetone                 | 2.386          | 43   | 2122       | 2.291    | ug/l  | Qvalue 96 |
| -----                       |                |      |            |          |       |           |

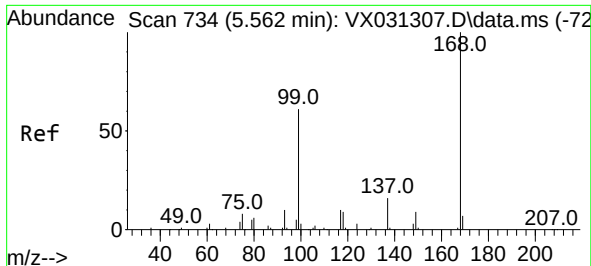
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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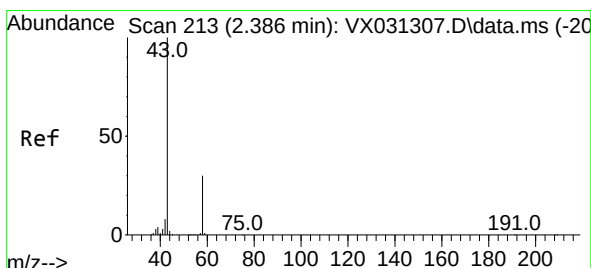
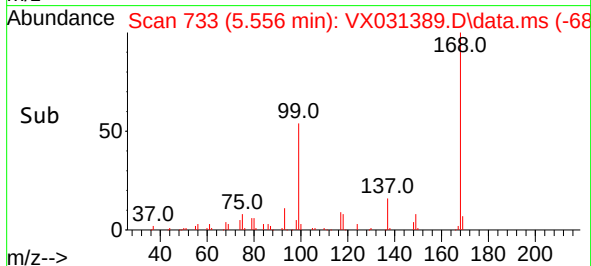
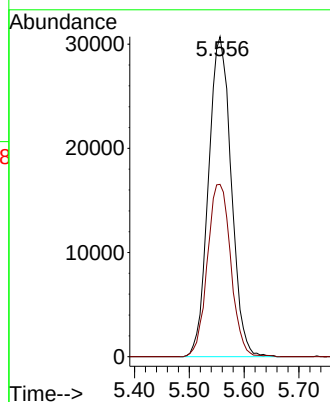
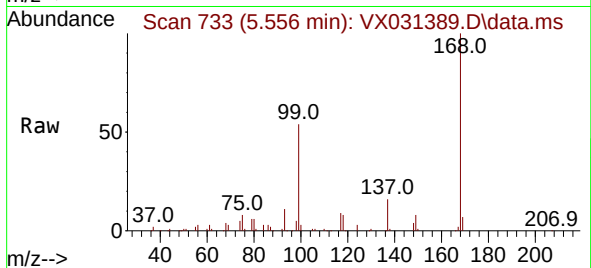




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX031389.D  
Acq: 16 Sep 2022 06:12

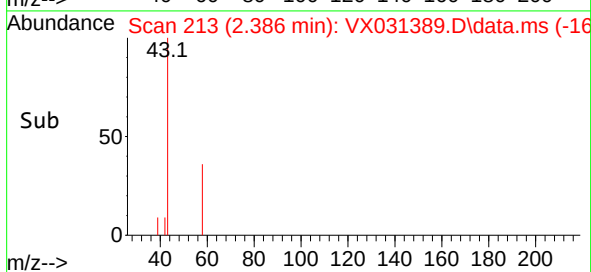
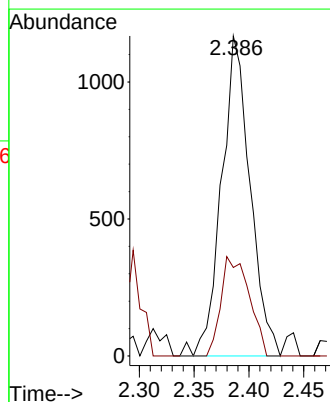
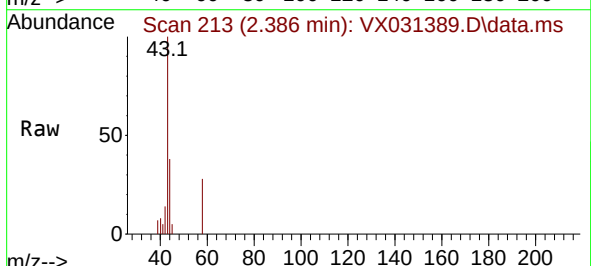
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-RW5-GW-408-410

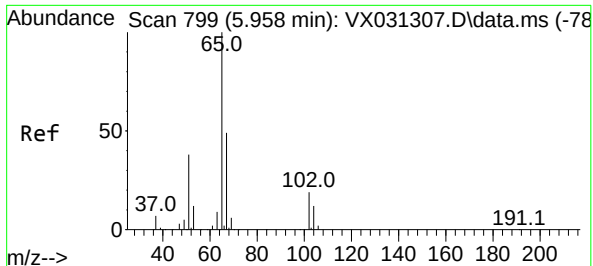
Tgt Ion:168 Resp: 88388  
Ion Ratio Lower Upper  
168 100  
99 53.8 48.8 73.2



#16  
Acetone  
Concen: 2.291 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.000 min  
Lab File: VX031389.D  
Acq: 16 Sep 2022 06:12

Tgt Ion: 43 Resp: 2122  
Ion Ratio Lower Upper  
43 100  
58 27.7 23.8 35.8





#33

1,2-Dichloroethane-d4

Concen: 42.448 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031389.D

Acq: 16 Sep 2022 06:12

Instrument :

MSVOA\_X

ClientSampleId :

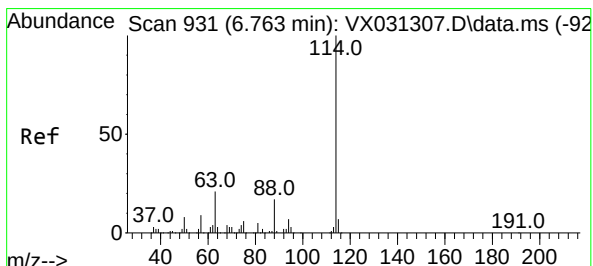
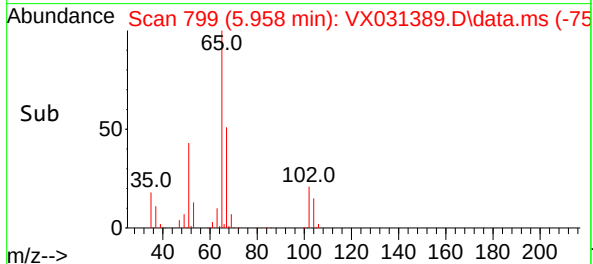
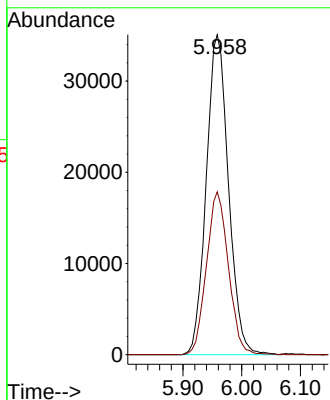
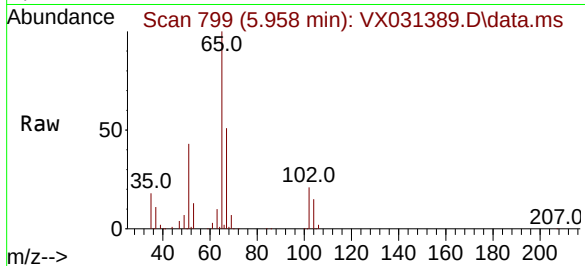
BP-VPB-RW5-GW-408-410

Tgt Ion: 65 Resp: 92092

Ion Ratio Lower Upper

65 100

67 50.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031389.D

Acq: 16 Sep 2022 06:12

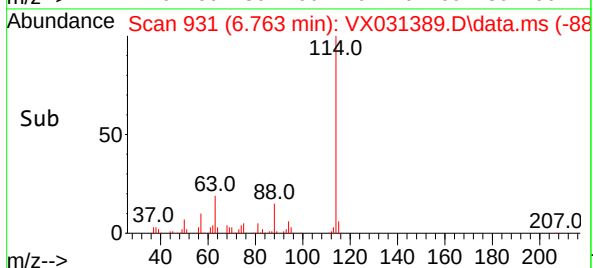
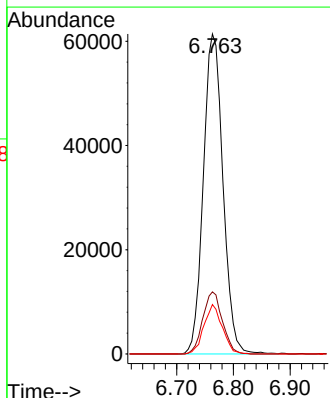
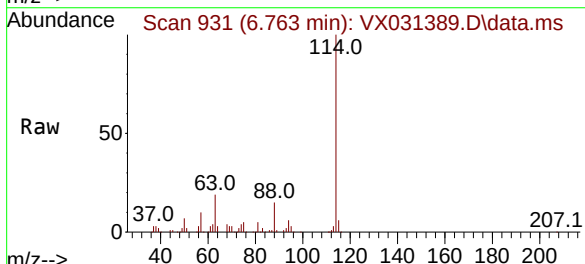
Tgt Ion: 114 Resp: 147378

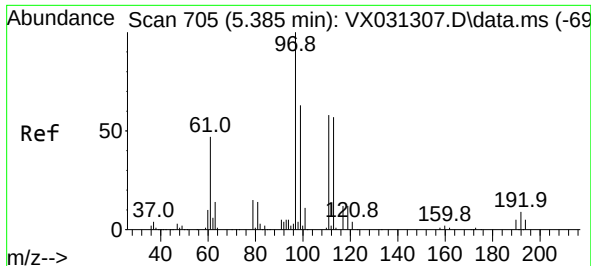
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.6

88 15.4 0.0 33.0

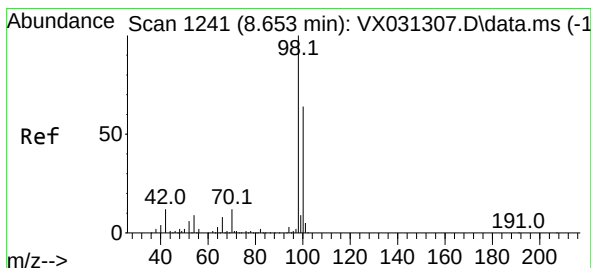
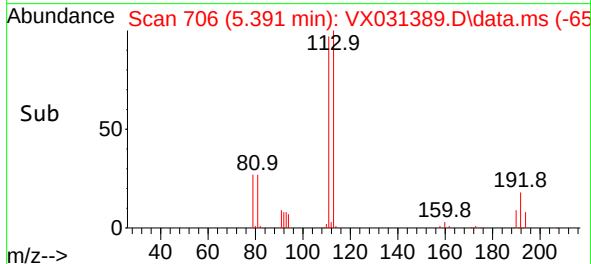
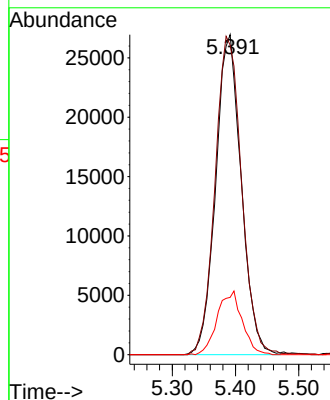
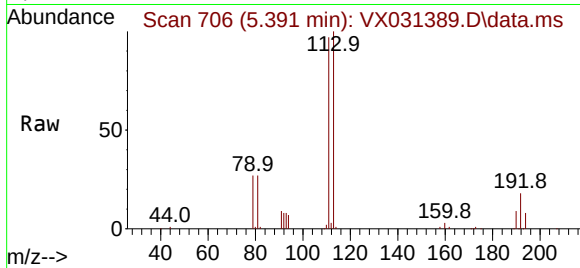




#35  
Dibromofluoromethane  
Concen: 47.552 ug/l  
RT: 5.391 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX031389.D  
Acq: 16 Sep 2022 06:12

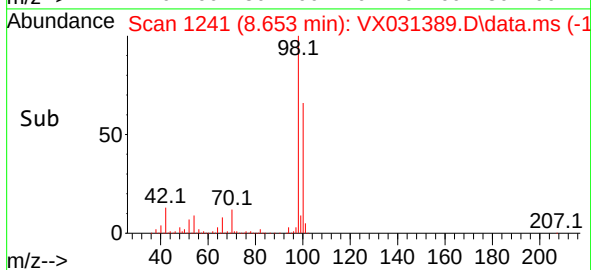
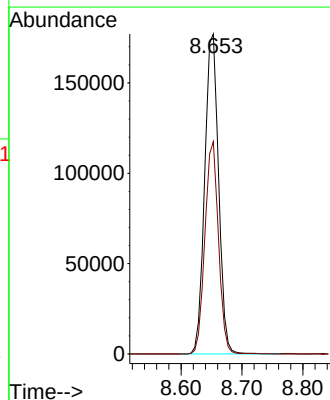
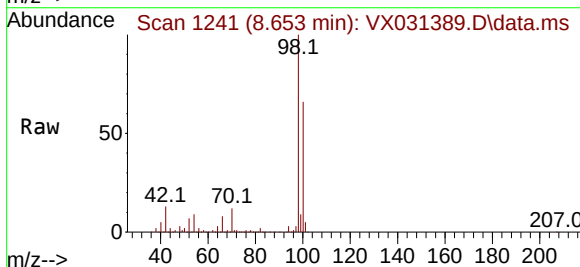
Instrument :  
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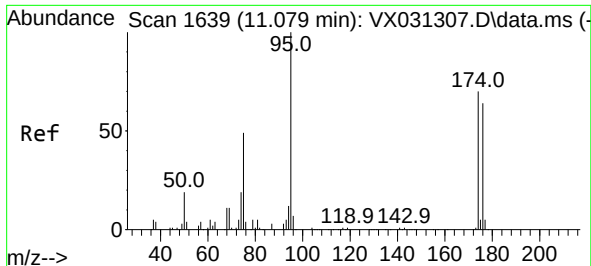
Tgt Ion:113 Resp: 75332  
Ion Ratio Lower Upper  
113 100  
111 103.3 82.4 123.6  
192 19.4 14.1 21.1



#50  
Toluene-d8  
Concen: 47.291 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VX031389.D  
Acq: 16 Sep 2022 06:12

Tgt Ion: 98 Resp: 281033  
Ion Ratio Lower Upper  
98 100  
100 64.8 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 39.673 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031389.D

Acq: 16 Sep 2022 06:12

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB-RW5-GW-408-410

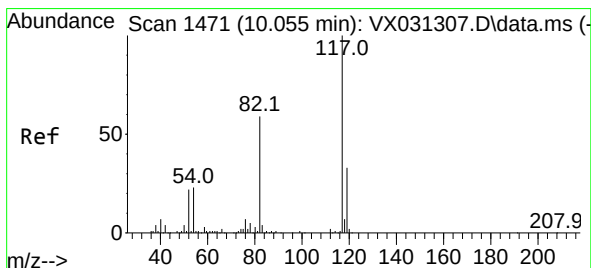
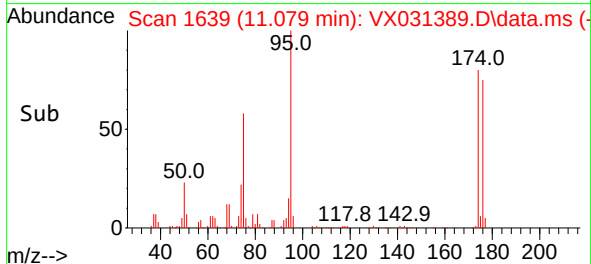
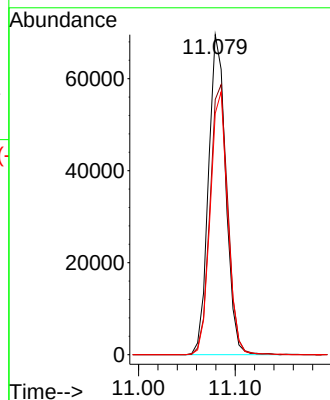
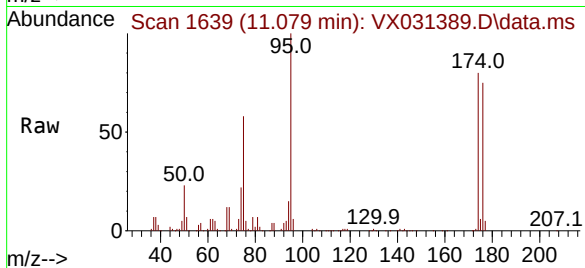
Tgt Ion: 95 Resp: 86333

Ion Ratio Lower Upper

95 100

174 87.4 0.0 153.2

176 83.3 0.0 144.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX031389.D

Acq: 16 Sep 2022 06:12

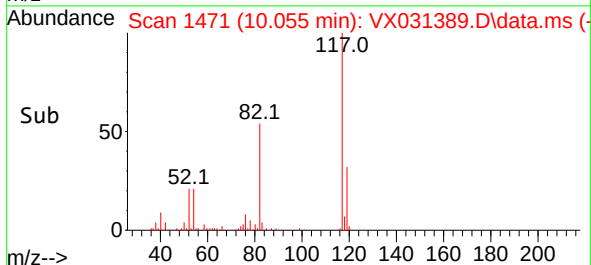
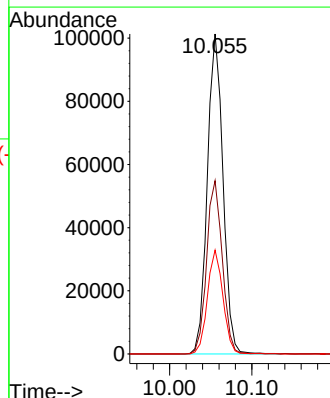
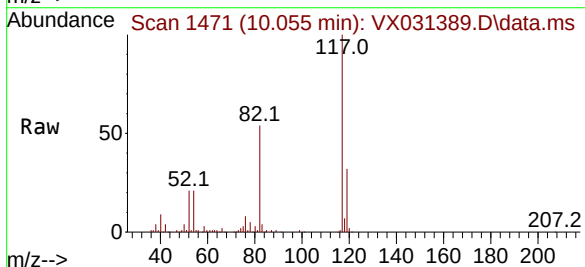
Tgt Ion: 117 Resp: 134052

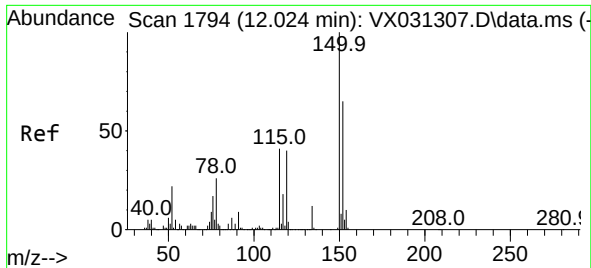
Ion Ratio Lower Upper

117 100

82 54.1 46.8 70.2

119 32.5 26.4 39.6





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX031389.D  
 Acq: 16 Sep 2022 06:12

Instrument :  
 MSVOA\_X  
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Tgt Ion:152 Resp: 59234  
 Ion Ratio Lower Upper  
 152 100  
 115 57.3 43.4 130.1  
 150 156.6 0.0 346.8

