

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090922\  
 Data File : VX031248.D  
 Acq On : 09 Sep 2022 11:42  
 Operator : JC/MD  
 Sample : VX0909WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0909WBL01

Quant Time: Sep 09 15:26:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X090722W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 07 23:22:41 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 57370    | 50.000   | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 100031   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 90417    | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 40136    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 79810    | 58.759   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 117.520% |          |
| 35) Dibromofluoromethane    | 5.385  | 113   | 52526    | 48.186   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 96.380%  |          |
| 50) Toluene-d8              | 8.647  | 98    | 182478   | 46.075   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 92.160%  |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 71463    | 49.238   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 98.480%  |          |

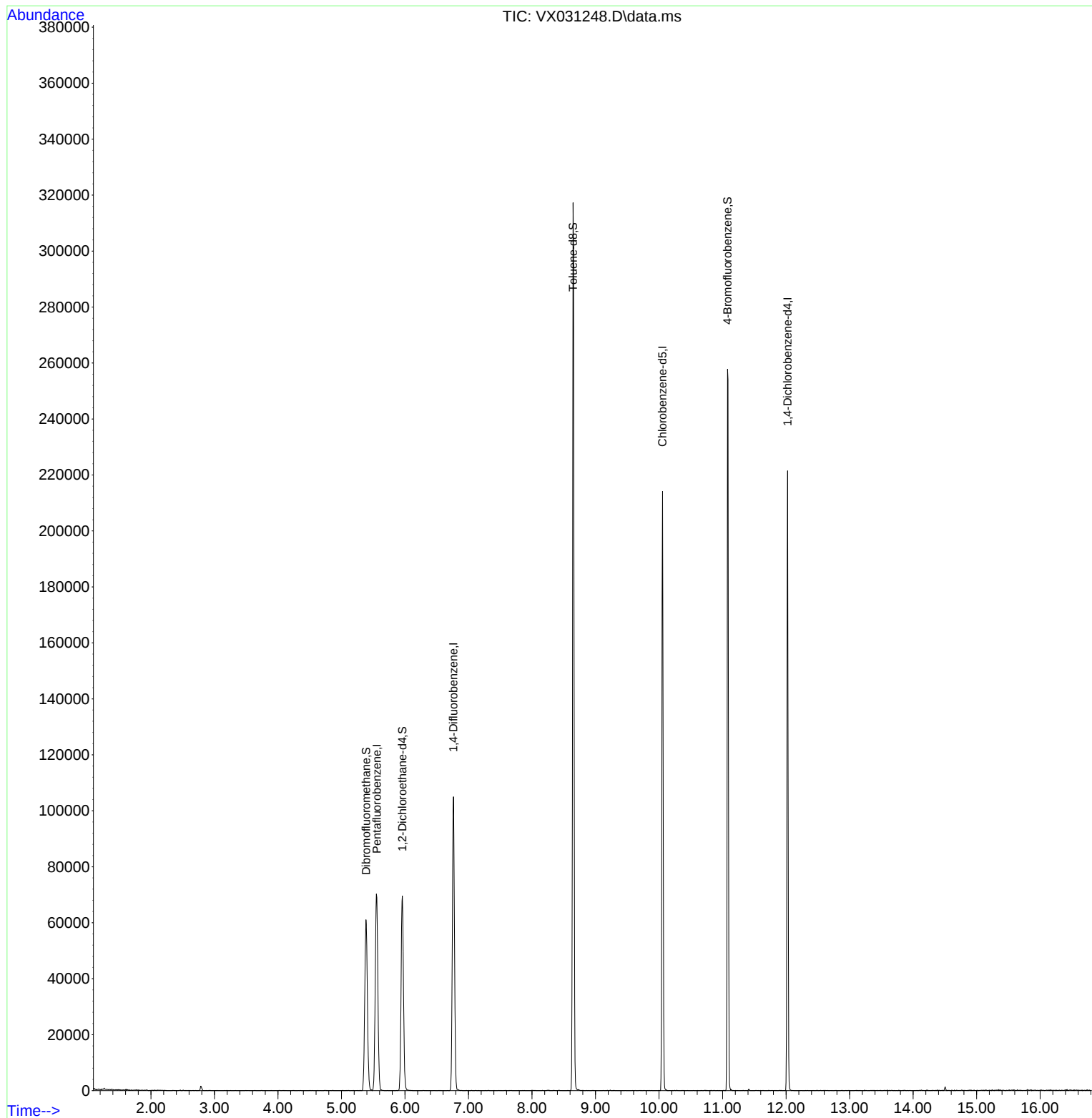
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

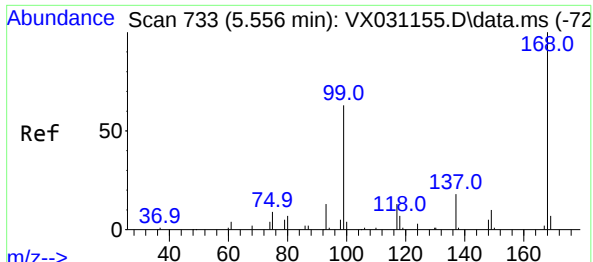
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX031248.D  
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Sample : VX0909WBL01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBL01

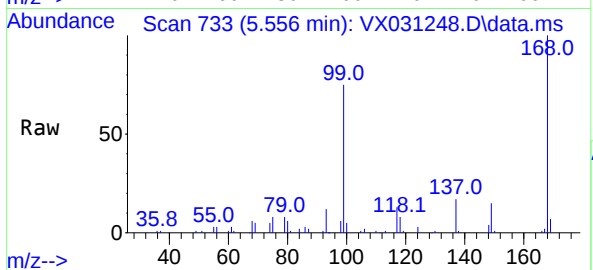
Quant Time: Sep 09 15:26:06 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X090722W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 07 23:22:41 2022  
Response via : Initial Calibration



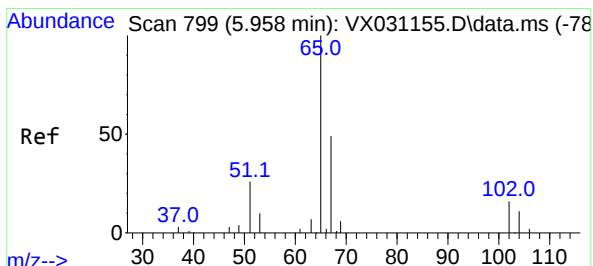
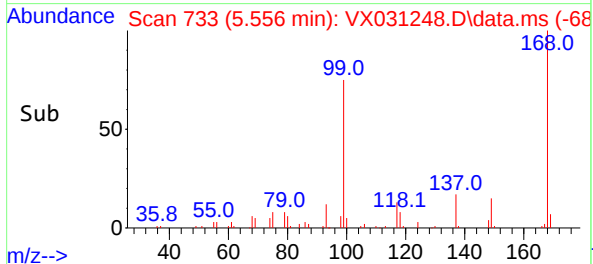
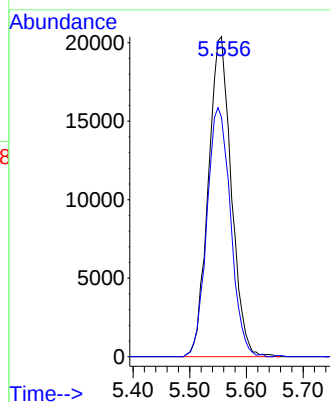


#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.556 min Scan# 713  
 Delta R.T. -0.000 min  
 Lab File: VX031248.D  
 Acq: 09 Sep 2022 11:42

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0909WBL01

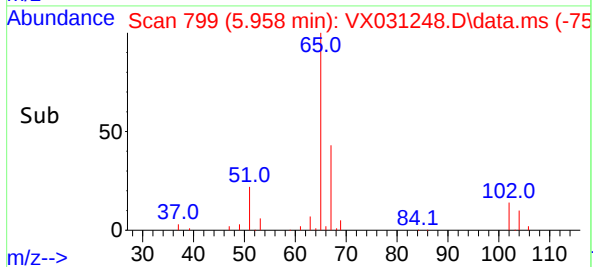
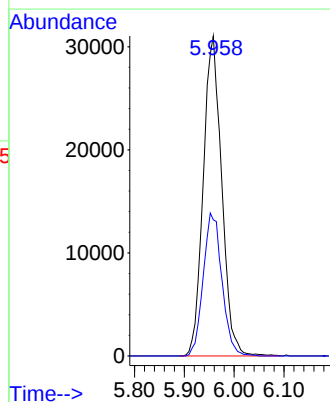
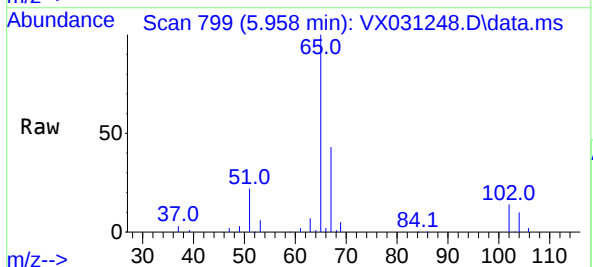


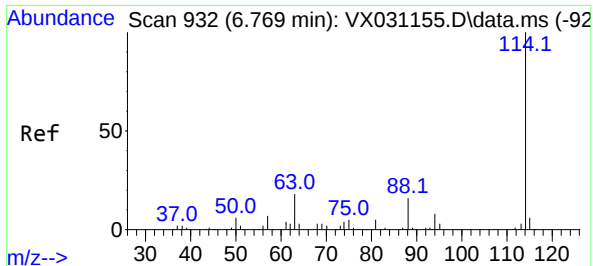
Tgt Ion:168 Resp: 57370  
 Ion Ratio Lower Upper  
 168 100  
 99 74.8 44.0 66.0#



#33  
 1,2-Dichloroethane-d4  
 Concen: 58.759 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. -0.000 min  
 Lab File: VX031248.D  
 Acq: 09 Sep 2022 11:42

Tgt Ion: 65 Resp: 79810  
 Ion Ratio Lower Upper  
 65 100  
 67 45.2 0.0 109.6

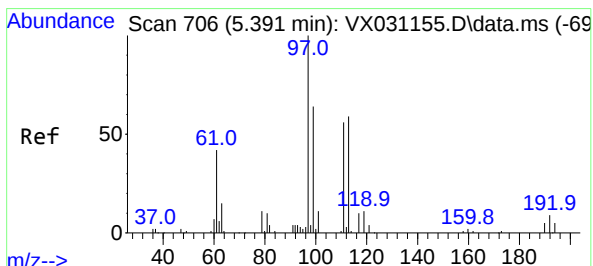
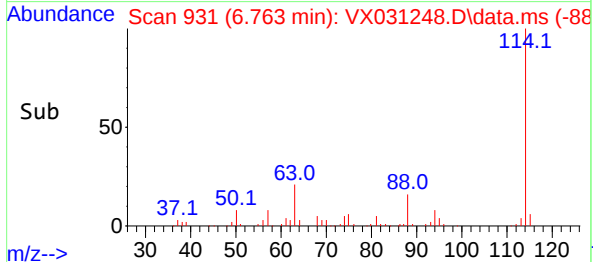
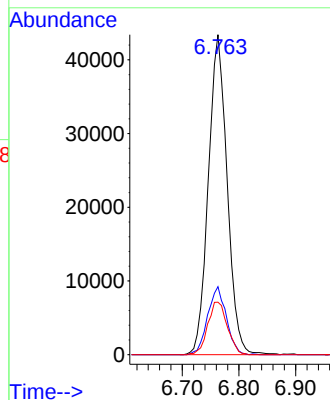
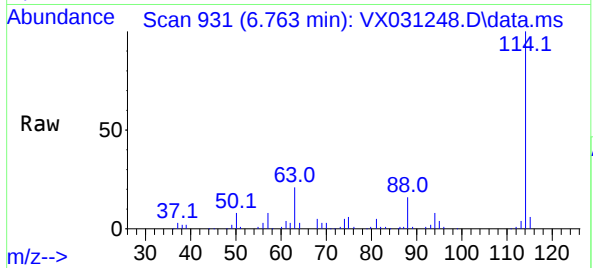




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX031248.D  
Acq: 09 Sep 2022 11:42

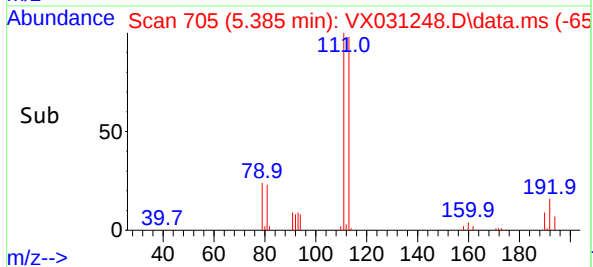
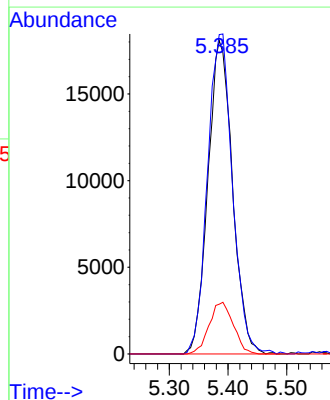
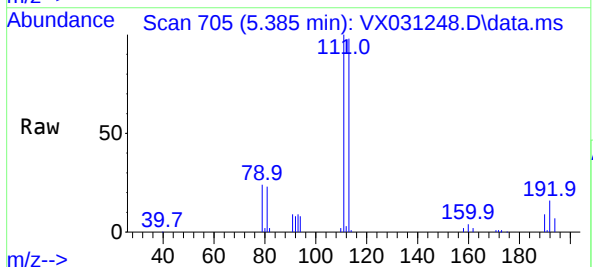
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBL01

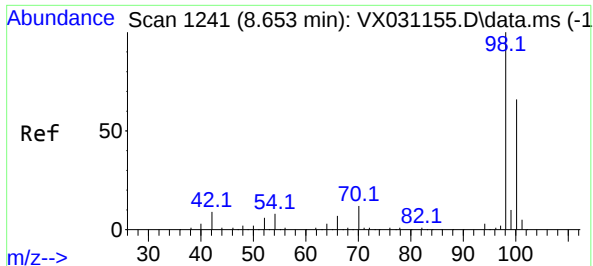
Tgt Ion:114 Resp: 100031  
Ion Ratio Lower Upper  
114 100  
63 21.2 0.0 38.4  
88 16.4 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 48.186 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX031248.D  
Acq: 09 Sep 2022 11:42

Tgt Ion:113 Resp: 52526  
Ion Ratio Lower Upper  
113 100  
111 103.6 83.2 124.8  
192 16.3 14.8 22.2





#50

Toluene-d8

Concen: 46.075 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX031248.D

Acq: 09 Sep 2022 11:42

Instrument :

MSVOA\_X

ClientSampleId :

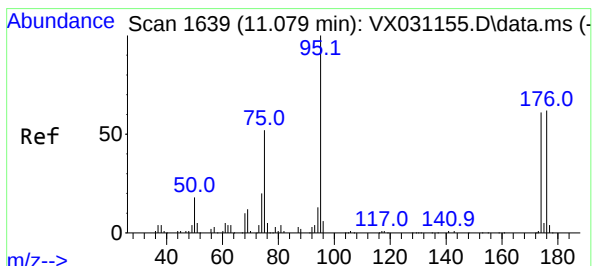
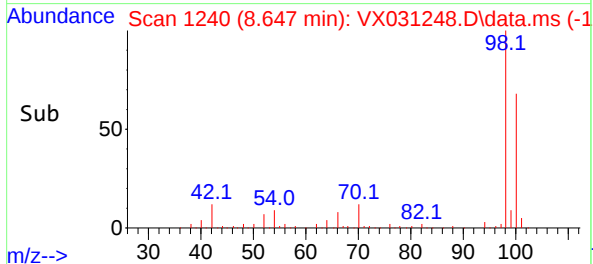
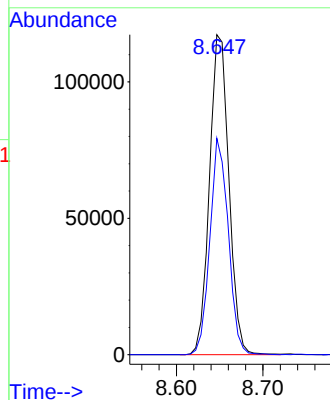
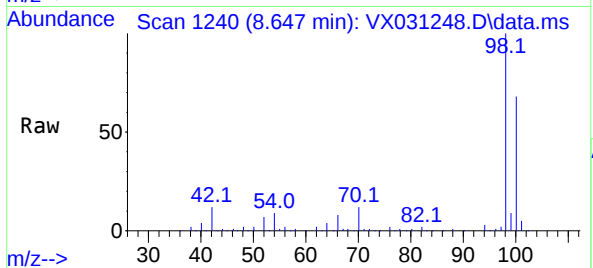
VX0909WBL01

Tgt Ion: 98 Resp: 182478

Ion Ratio Lower Upper

98 100

100 64.2 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 49.238 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX031248.D

Acq: 09 Sep 2022 11:42

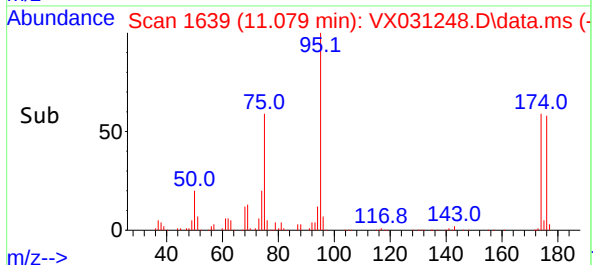
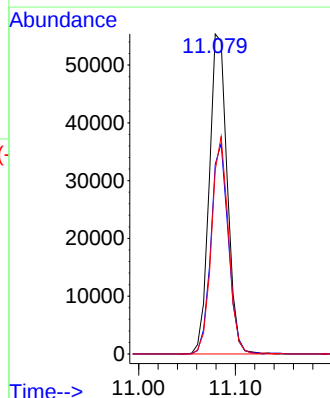
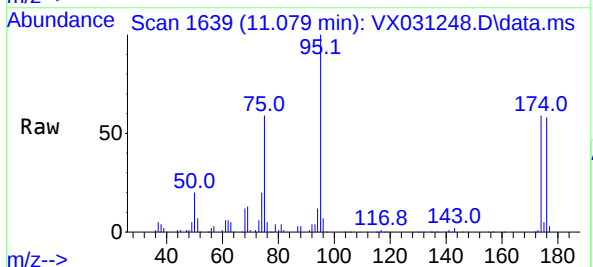
Tgt Ion: 95 Resp: 71463

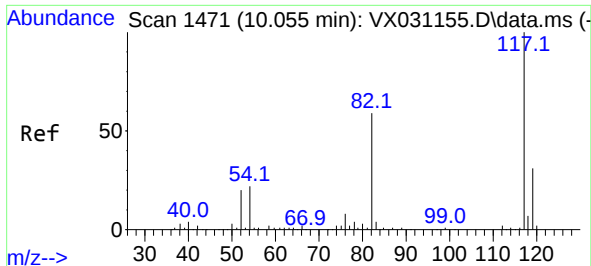
Ion Ratio Lower Upper

95 100

174 63.8 0.0 149.0

176 63.9 0.0 146.0

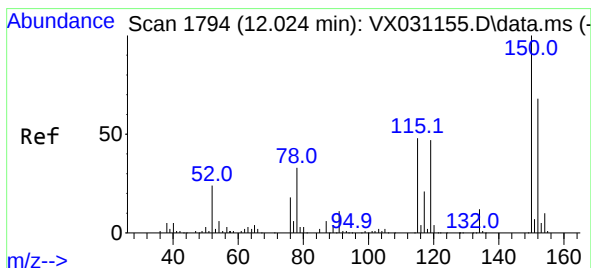
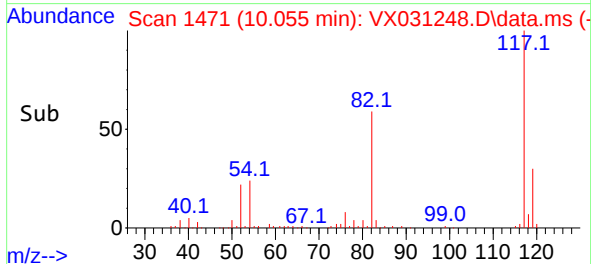
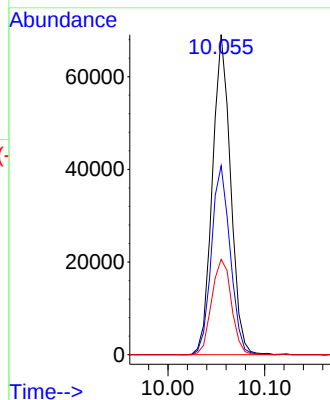
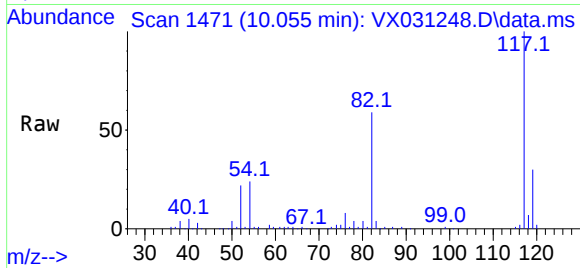




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX031248.D  
Acq: 09 Sep 2022 11:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBL01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 90417 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 82       | 59.1  | 42.7  | 64.1  |
| 119      | 29.8  | 25.4  | 38.2  |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX031248.D  
Acq: 09 Sep 2022 11:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 40136 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 72.5  | 40.5  | 121.5 |
| 150      | 160.7 | 0.0   | 347.0 |

