

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092222\  
 Data File : VX031609.D  
 Acq On : 23 Sep 2022 07:37  
 Operator : JC/MD  
 Sample : N4691-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Sep 23 09:20:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091922W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 20 09:45:29 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 72913    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 121117   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 111135   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 50080    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 71302    | 53.295   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 106.580% |
| 35) Dibromofluoromethane    | 5.391  | 113   | 62039    | 49.550   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 99.100%  |
| 50) Toluene-d8              | 8.647  | 98    | 235241   | 48.750   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 97.500%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 71419    | 43.694   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 87.380%  |

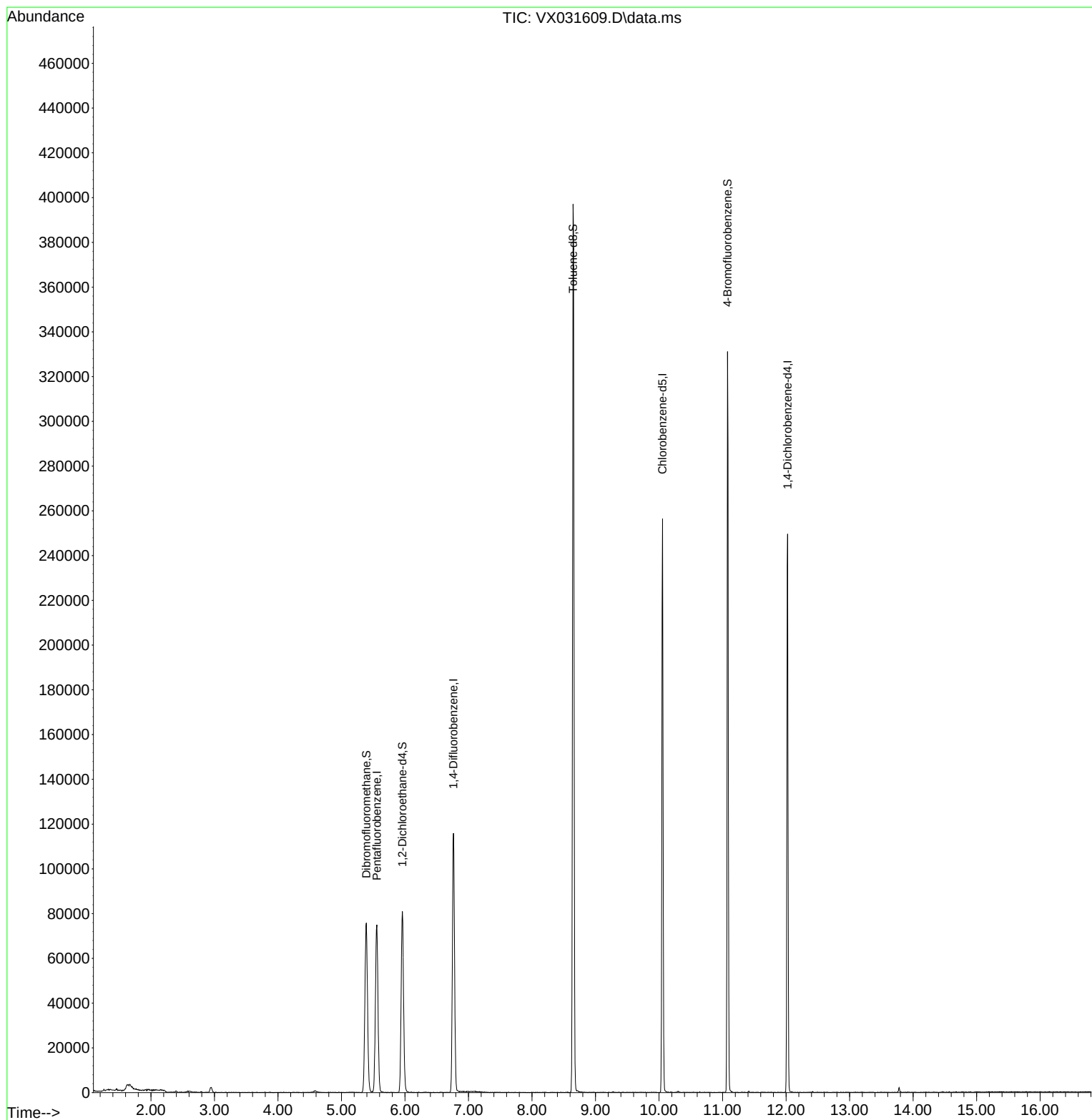
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

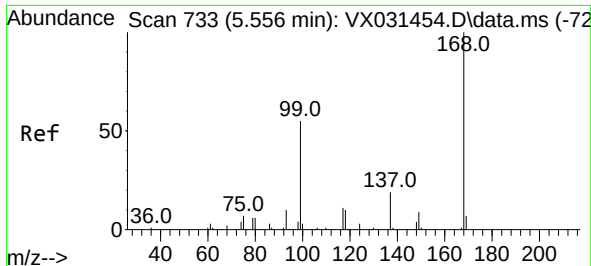
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Sep 20 09:45:29 2022  
Response via : Initial Calibration

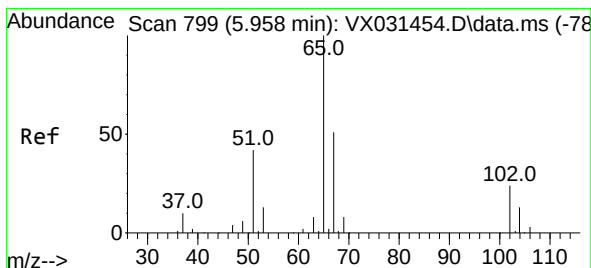
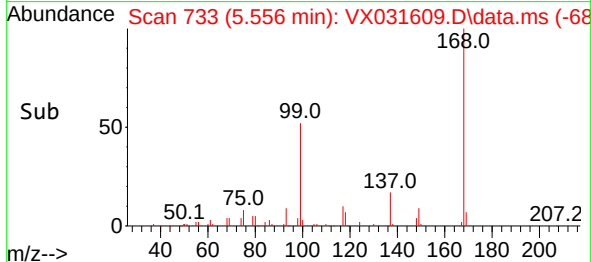
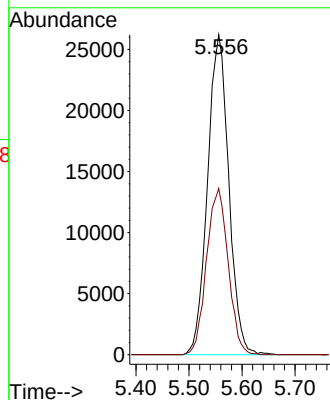
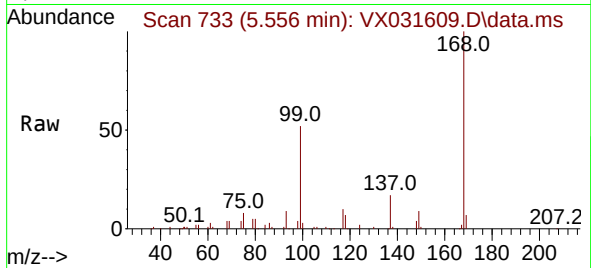




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX031609.D  
Acq: 23 Sep 2022 07:37

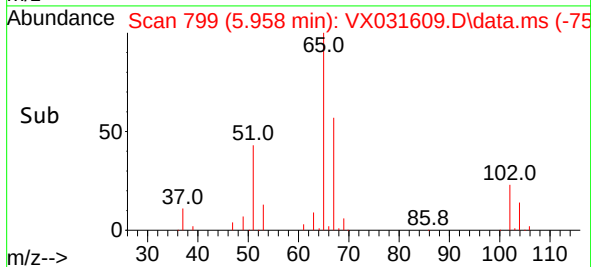
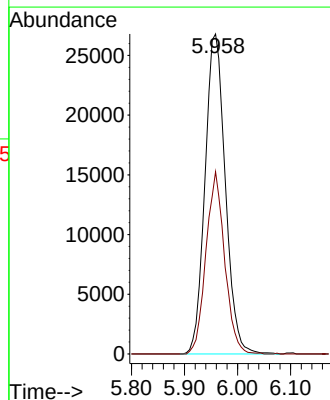
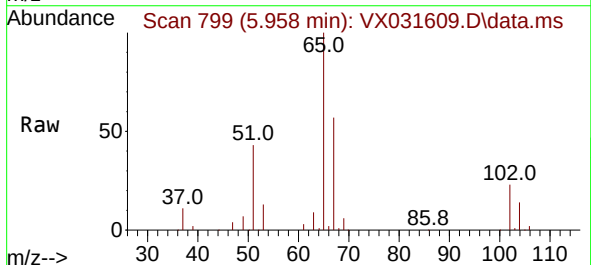
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANAG

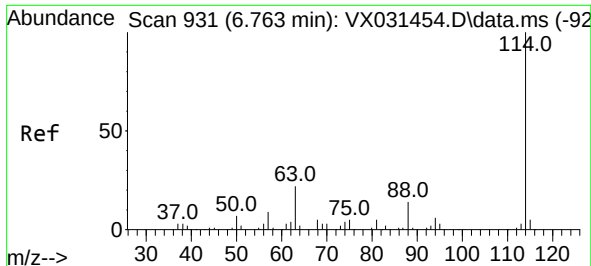
Tgt Ion:168 Resp: 72913  
Ion Ratio Lower Upper  
168 100  
99 51.9 48.8 73.2



#33  
1,2-Dichloroethane-d4  
Concen: 53.295 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX031609.D  
Acq: 23 Sep 2022 07:37

Tgt Ion: 65 Resp: 71302  
Ion Ratio Lower Upper  
65 100  
67 52.4 0.0 102.4

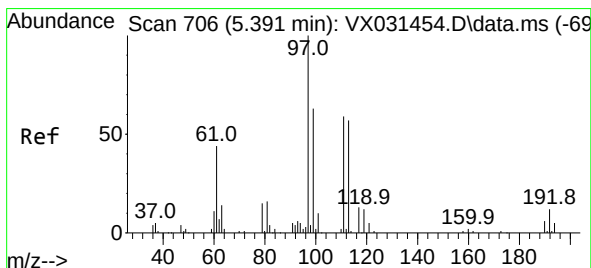
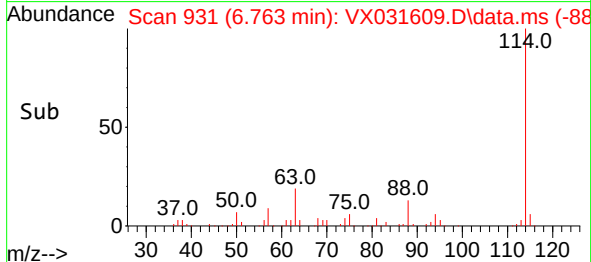
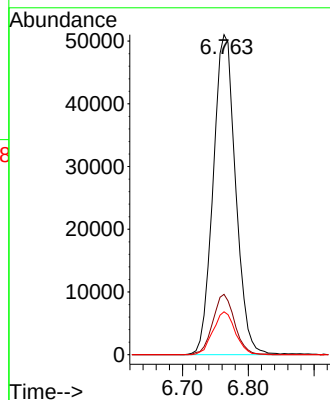
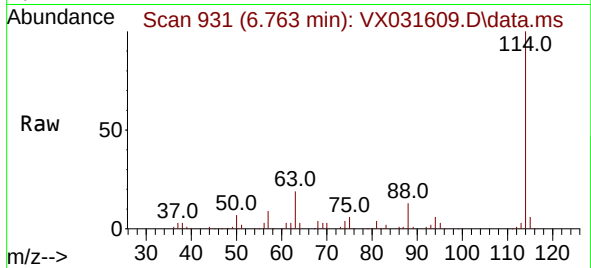




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX031609.D  
Acq: 23 Sep 2022 07:37

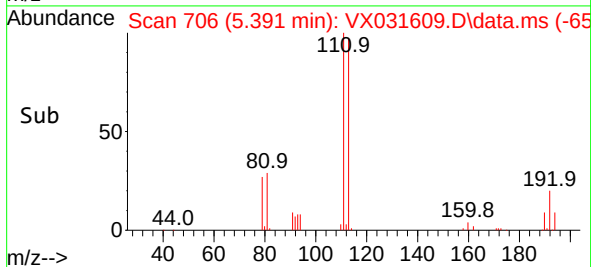
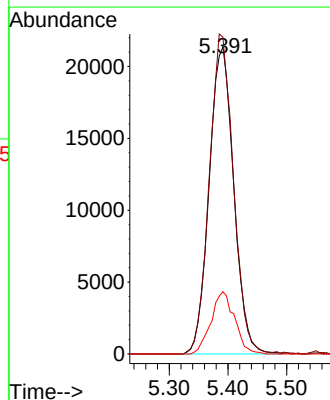
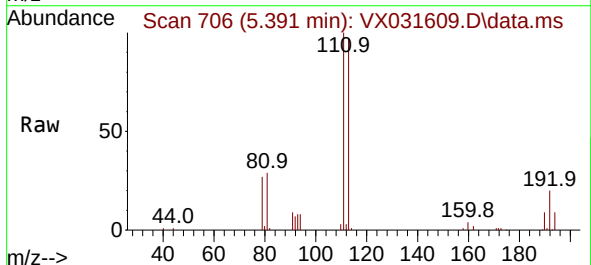
Instrument :  
MSVOA\_X  
ClientSampleId :  
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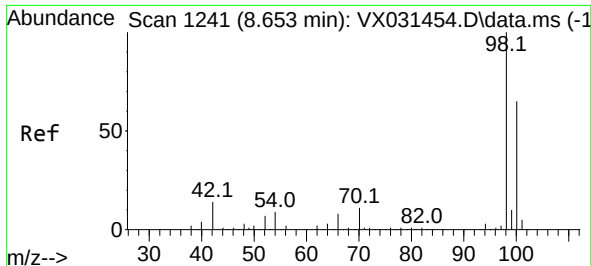
Tgt Ion:114 Resp: 121117  
Ion Ratio Lower Upper  
114 100  
63 18.9 0.0 42.6  
88 13.4 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 49.550 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX031609.D  
Acq: 23 Sep 2022 07:37

Tgt Ion:113 Resp: 62039  
Ion Ratio Lower Upper  
113 100  
111 102.0 82.4 123.6  
192 19.5 14.1 21.1





#50

Toluene-d8

Concen: 48.750 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031609.D

Acq: 23 Sep 2022 07:37

Instrument :

MSVOA\_X

ClientSampleId :

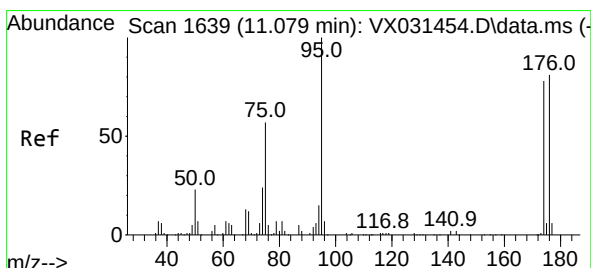
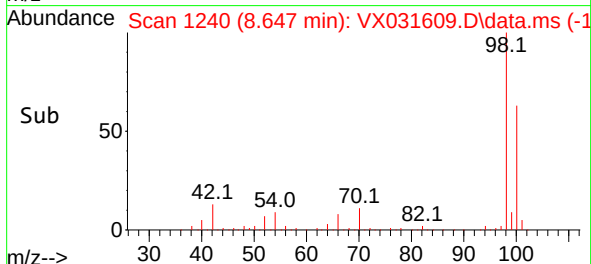
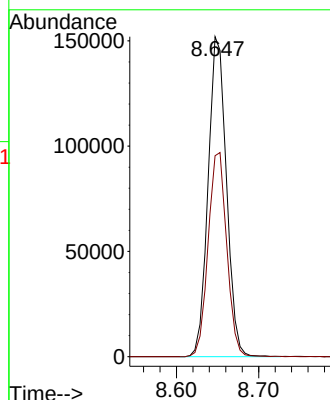
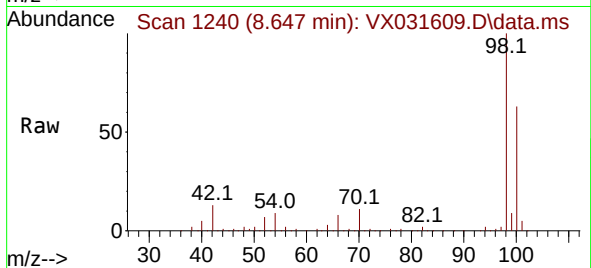
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 98 Resp: 235241

Ion Ratio Lower Upper

98 100

100 64.9 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 43.694 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031609.D

Acq: 23 Sep 2022 07:37

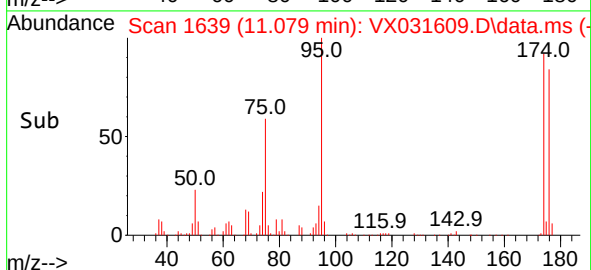
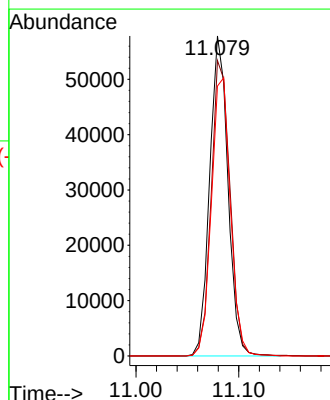
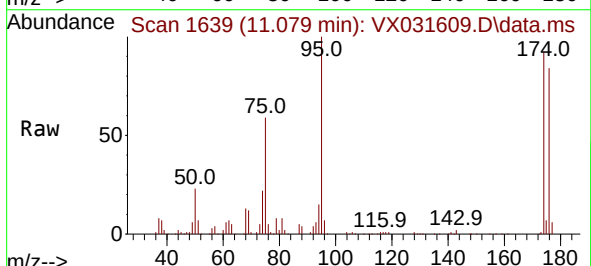
Tgt Ion: 95 Resp: 71419

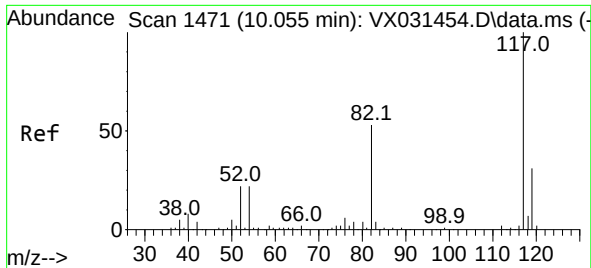
Ion Ratio Lower Upper

95 100

174 95.2 0.0 153.2

176 90.6 0.0 144.0

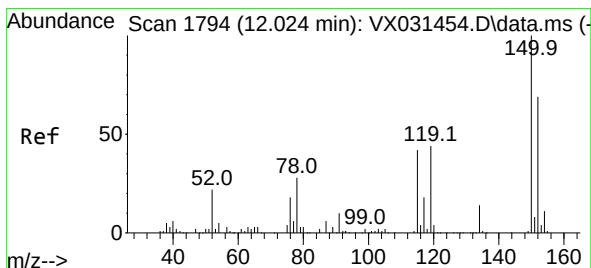
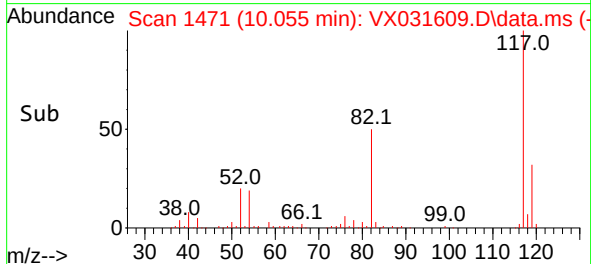
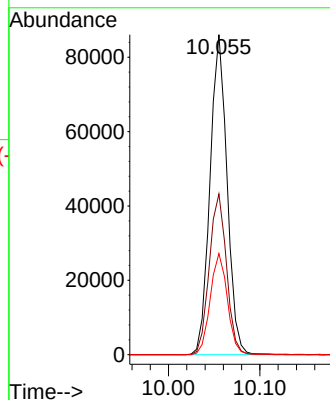
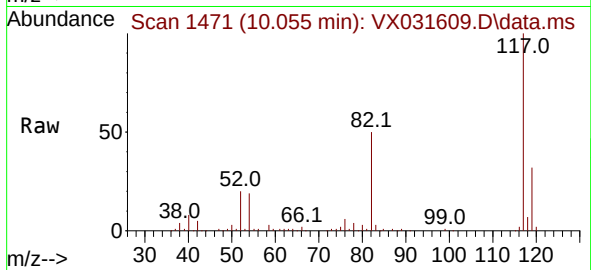




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX031609.D  
Acq: 23 Sep 2022 07:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Tgt Ion:117 Resp: 111135  
Ion Ratio Lower Upper  
117 100  
82 50.3 46.8 70.2  
119 31.6 26.4 39.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX031609.D  
Acq: 23 Sep 2022 07:37

Tgt Ion:152 Resp: 50080  
Ion Ratio Lower Upper  
152 100  
115 55.7 43.4 130.1  
150 159.5 0.0 346.8

