

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120722\  
 Data File : VX033285.D  
 Acq On : 07 Dec 2022 16:45  
 Operator : JC/MD  
 Sample : VX1207WBL02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1207WBL02

Quant Time: Dec 08 01:42:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120722W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 07 12:43:54 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 151394   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 237240   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 210740   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 95432    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 47544    | 48.952   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 97.900% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 52410    | 49.116   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 98.240% |
| 50) Toluene-d8              | 8.647  | 98    | 110673   | 49.580   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 99.160% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 82921    | 48.583   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 97.160% |

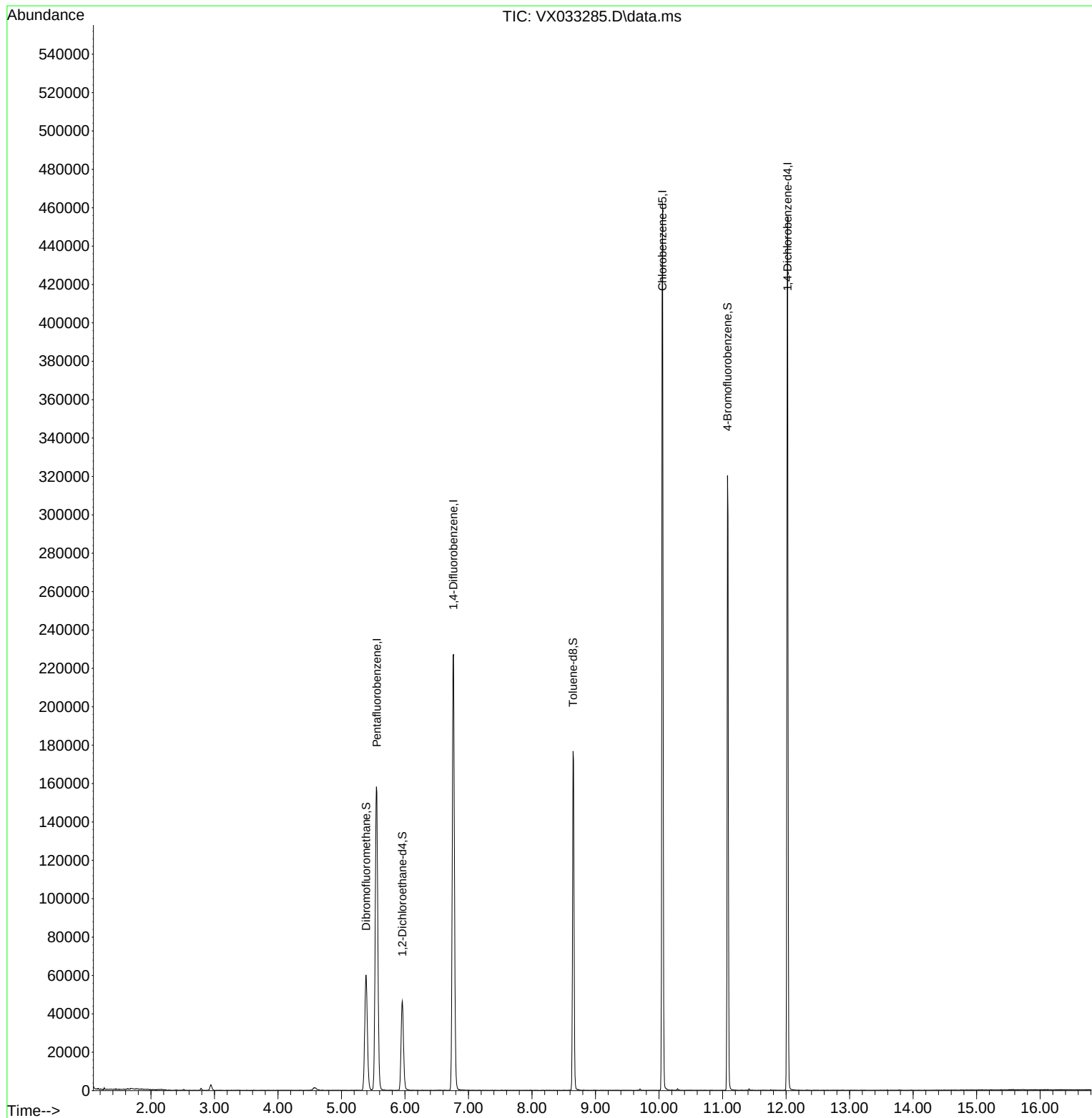
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

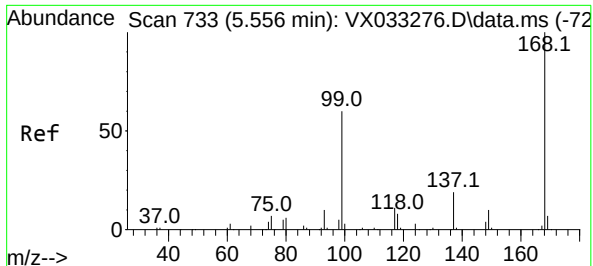
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120722W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 07 12:43:54 2022  
Response via : Initial Calibration

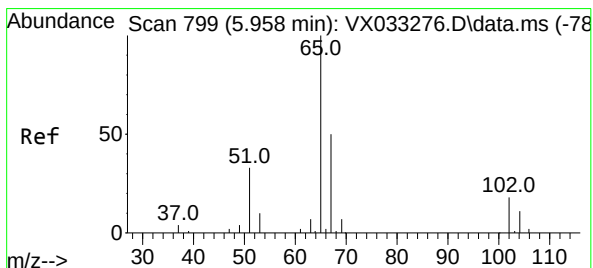
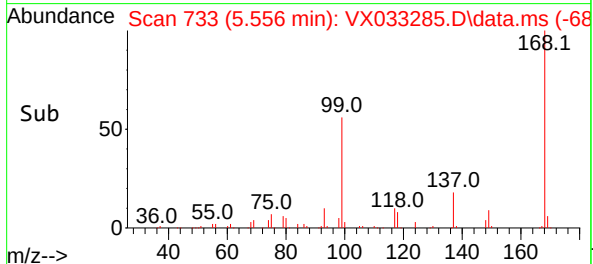
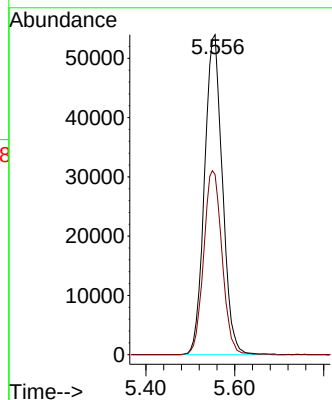
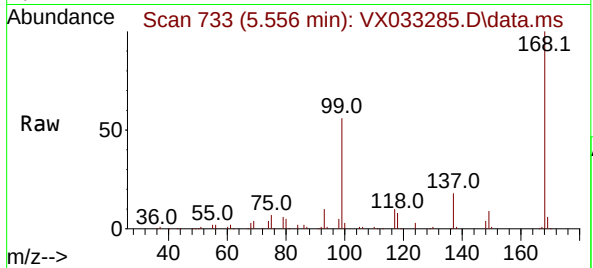




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.000 min  
Lab File: VX033285.D  
Acq: 07 Dec 2022 16:45

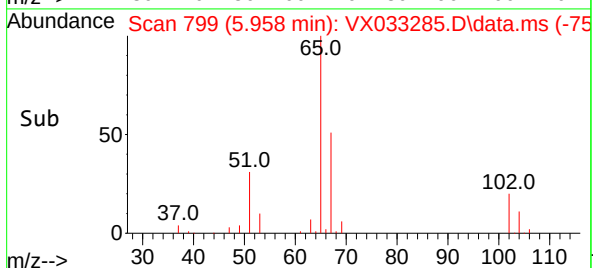
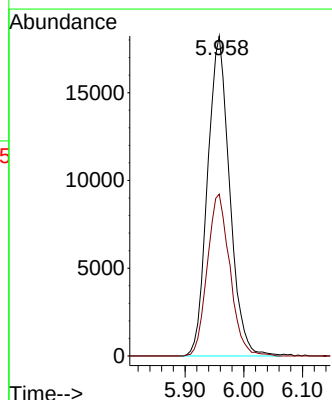
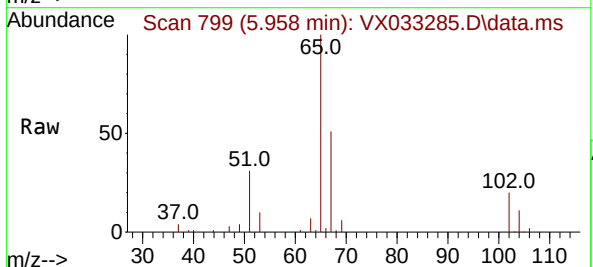
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1207WBL02

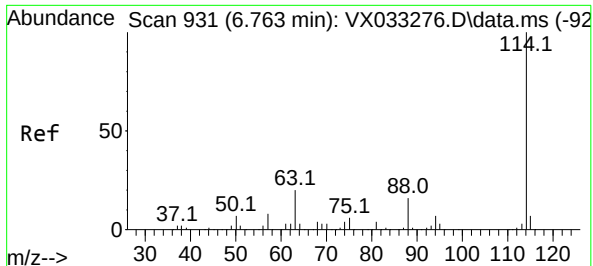
Tgt Ion:168 Resp: 151394  
Ion Ratio Lower Upper  
168 100  
99 56.3 46.1 69.1



#33  
1,2-Dichloroethane-d4  
Concen: 48.952 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX033285.D  
Acq: 07 Dec 2022 16:45

Tgt Ion: 65 Resp: 47544  
Ion Ratio Lower Upper  
65 100  
67 51.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX033285.D

Acq: 07 Dec 2022 16:45

Instrument :

MSVOA\_X

ClientSampleId :

VX1207WBL02

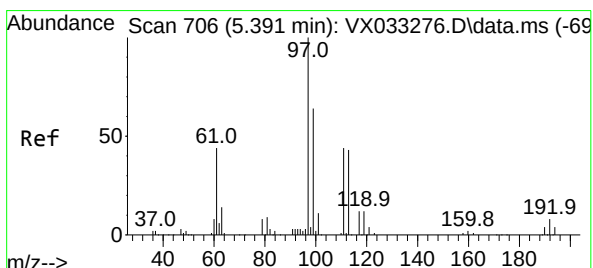
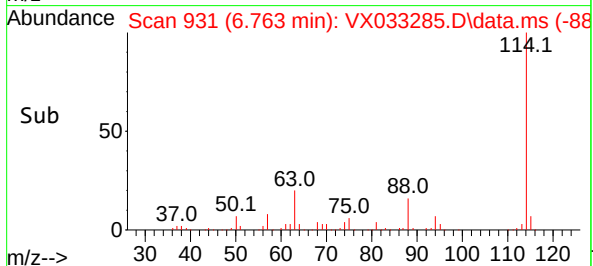
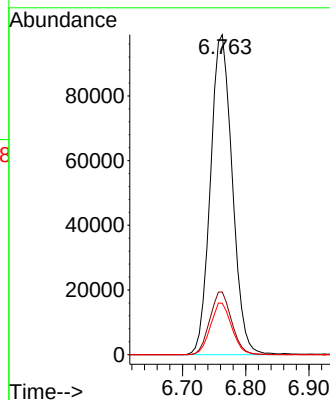
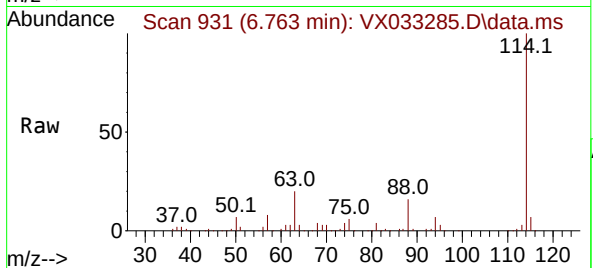
Tgt Ion:114 Resp: 237240

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.6

88 16.0 0.0 33.4



#35

Dibromofluoromethane

Concen: 49.116 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX033285.D

Acq: 07 Dec 2022 16:45

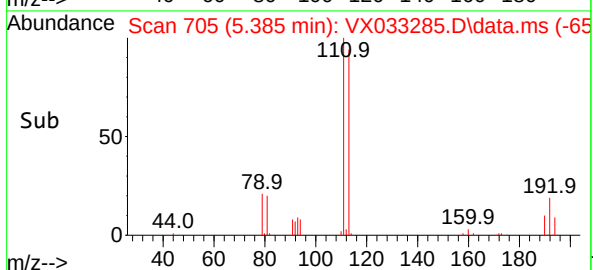
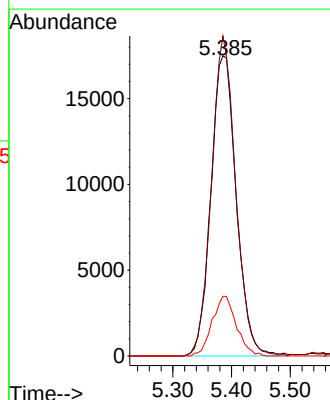
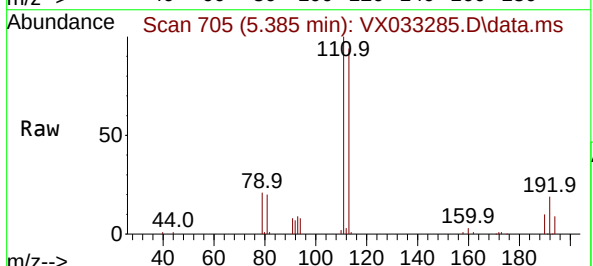
Tgt Ion:113 Resp: 52410

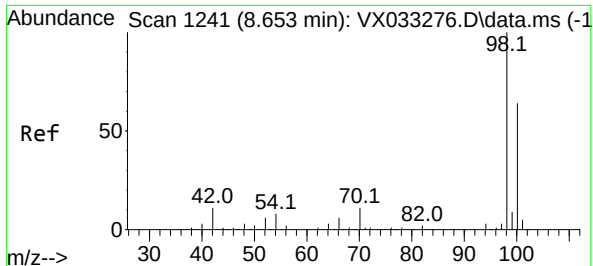
Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

192 19.0 15.4 23.2





#50

Toluene-d8

Concen: 49.580 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033285.D

Acq: 07 Dec 2022 16:45

Instrument :

MSVOA\_X

ClientSampleId :

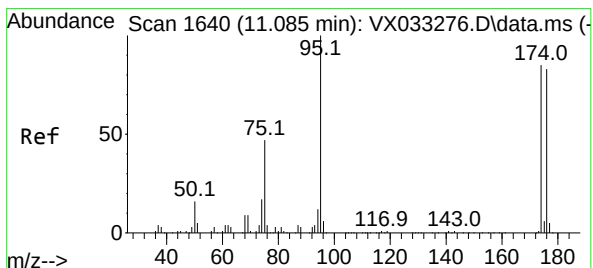
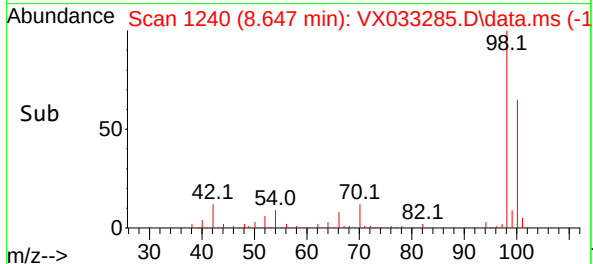
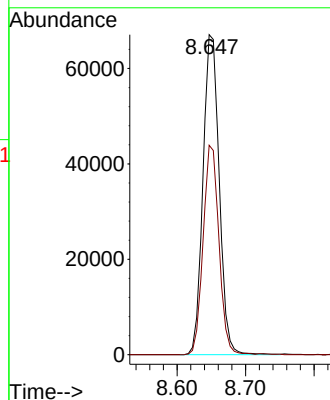
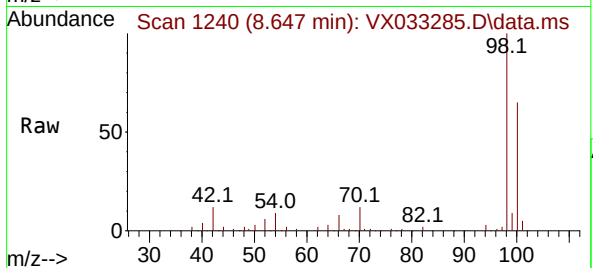
VX1207WBL02

Tgt Ion: 98 Resp: 110673

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 48.583 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033285.D

Acq: 07 Dec 2022 16:45

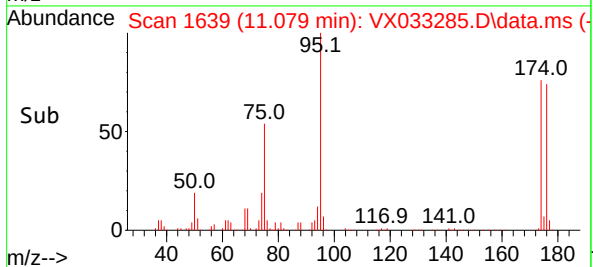
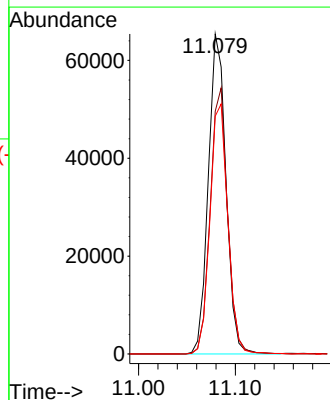
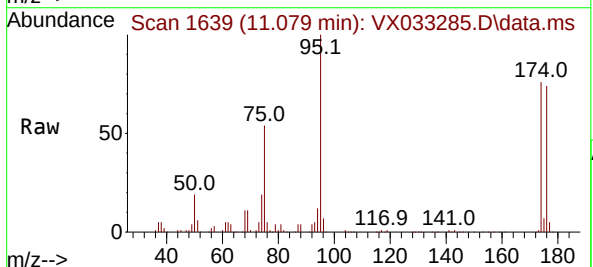
Tgt Ion: 95 Resp: 82921

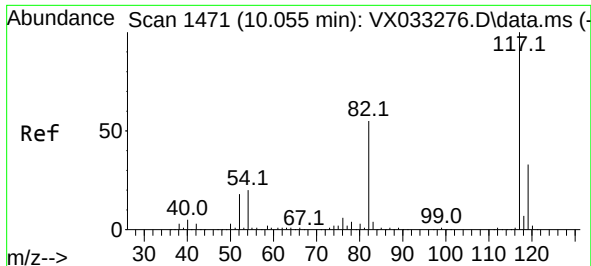
Ion Ratio Lower Upper

95 100

174 82.0 0.0 164.0

176 79.3 0.0 154.4

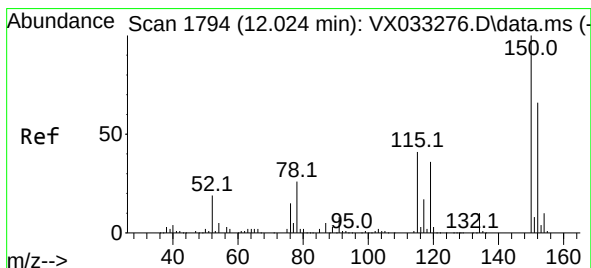
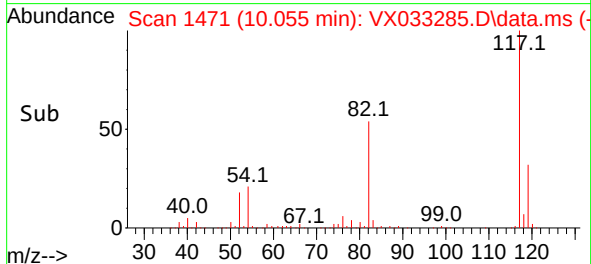
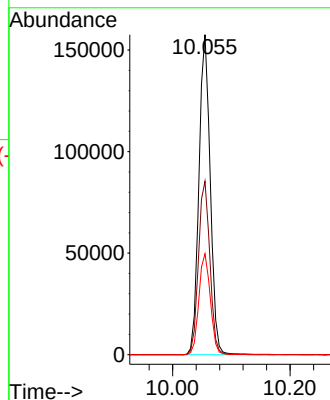
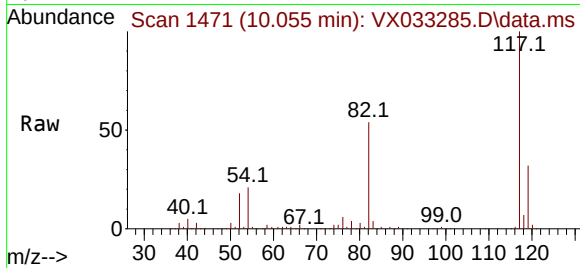




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX033285.D  
Acq: 07 Dec 2022 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1207WBL02

Tgt Ion:117 Resp: 210740  
Ion Ratio Lower Upper  
117 100  
82 54.2 44.3 66.5  
119 31.6 25.7 38.5



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX033285.D  
Acq: 07 Dec 2022 16:45

Tgt Ion:152 Resp: 95432  
Ion Ratio Lower Upper  
152 100  
115 59.9 44.0 132.0  
150 154.4 0.0 351.8

