

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101922\  
 Data File : VX032212.D  
 Acq On : 19 Oct 2022 17:00  
 Operator : JC/MD  
 Sample : N5114-02  
 Misc : 1.07g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FMC-0083

Quant Time: Oct 19 17:25:22 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X101922W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 19 16:51:09 2022  
 Response via : Initial Calibration

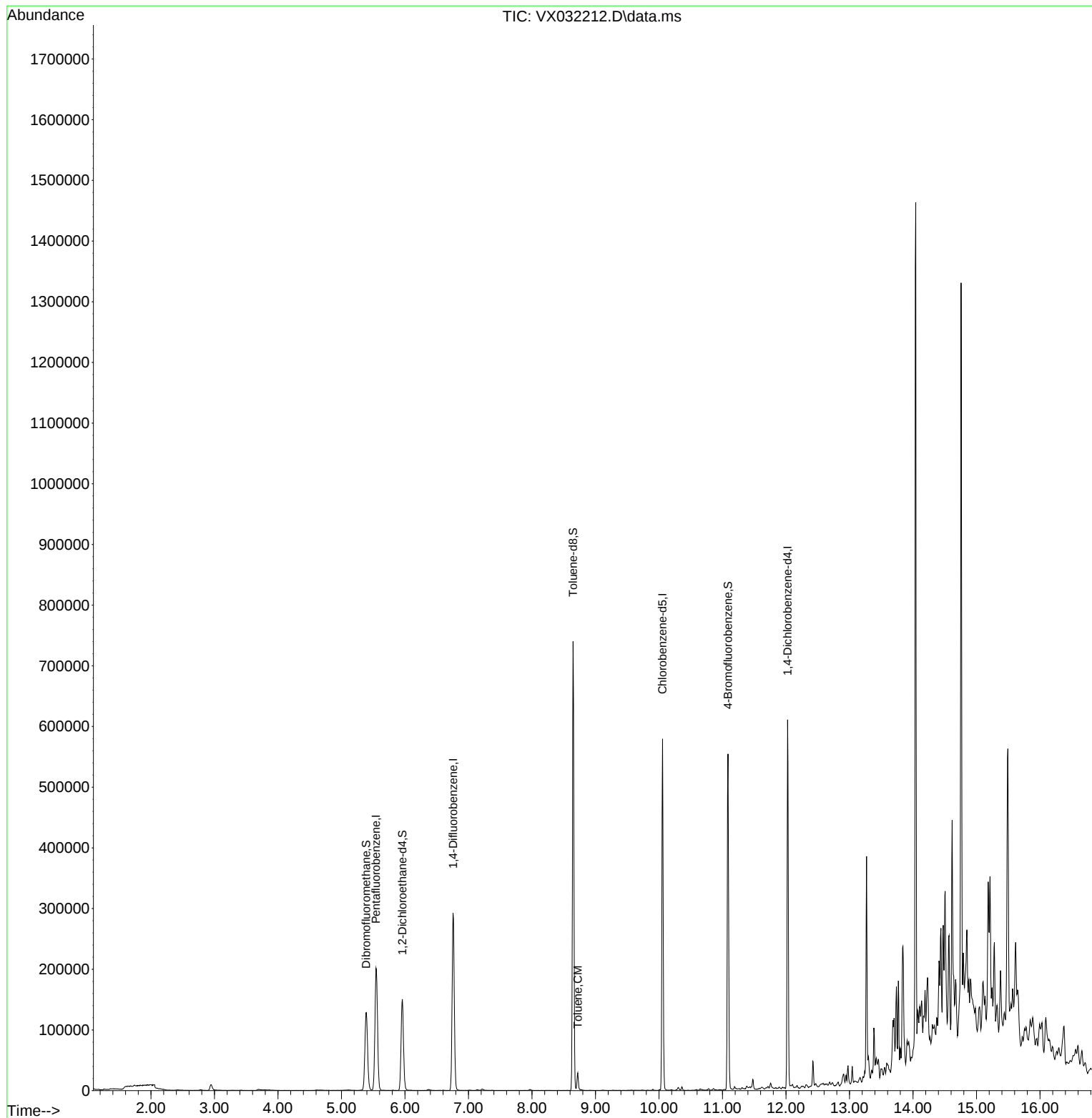
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 5.544  | 168   | 190519   | 50.000   | ug/l  | -0.01     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 298442   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 259471   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 129464   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 149968   | 60.509   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 121.020%# |
| 35) Dibromofluoromethane    | 5.385  | 113   | 113097   | 54.458   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 108.920%  |
| 50) Toluene-d8              | 8.647  | 98    | 435049   | 58.195   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 116.400%# |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 157117   | 57.395   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 114.780%  |
| Target Compounds            |        |       |          |          |       |           |
| 52) Toluene                 | 8.720  | 92    | 10261    | 2.046    | ug/l  | Qvalue 93 |
| -----                       |        |       |          |          |       |           |

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

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Instrument :  
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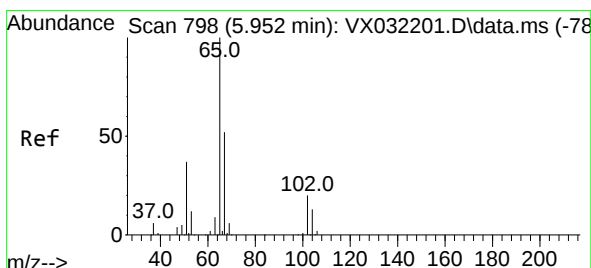
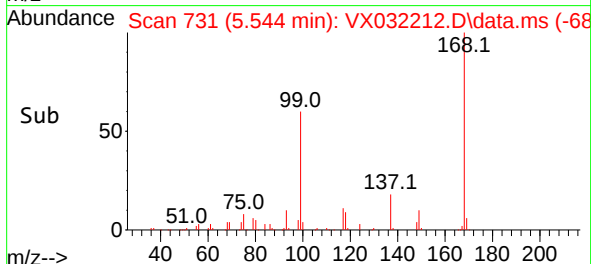
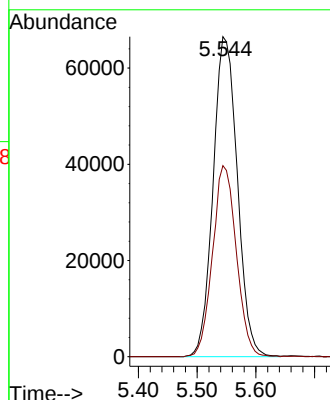
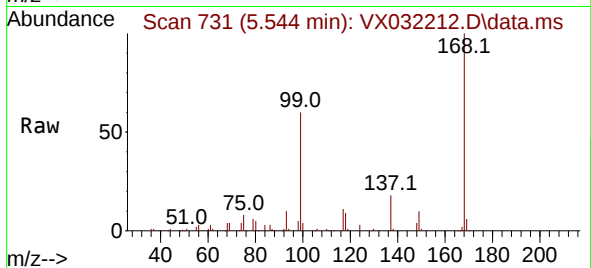




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 713  
Delta R.T. -0.012 min  
Lab File: VX032212.D  
Acq: 19 Oct 2022 17:00

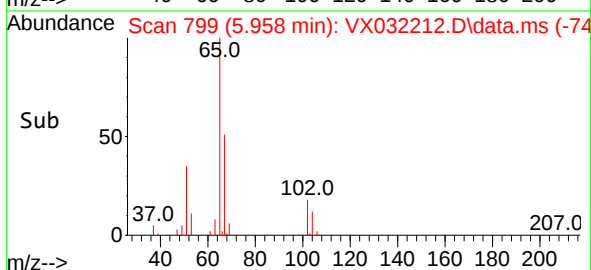
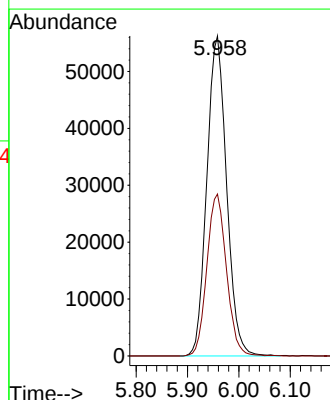
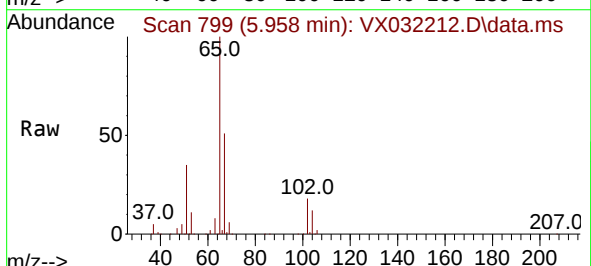
Instrument :  
MSVOA\_X  
ClientSampleId :  
FMC-0083

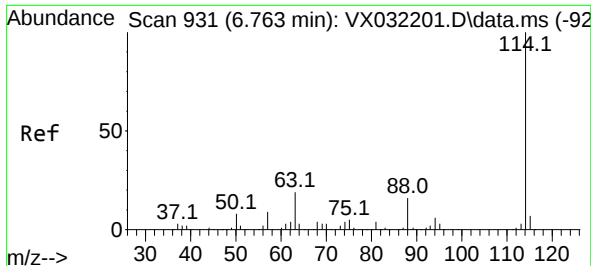
Tgt Ion:168 Resp: 190519  
Ion Ratio Lower Upper  
168 100  
99 59.7 44.8 67.2



#33  
1,2-Dichloroethane-d4  
Concen: 60.509 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX032212.D  
Acq: 19 Oct 2022 17:00

Tgt Ion: 65 Resp: 149968  
Ion Ratio Lower Upper  
65 100  
67 50.2 0.0 103.6

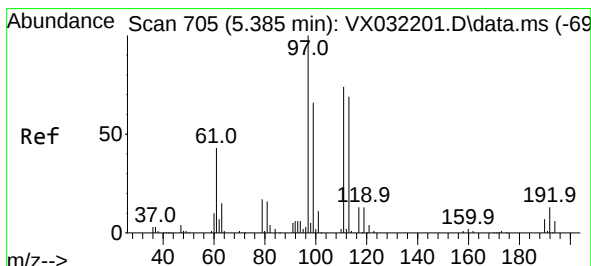
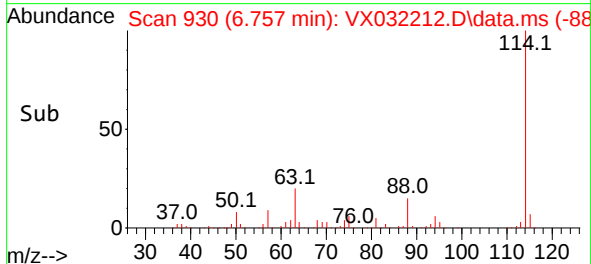
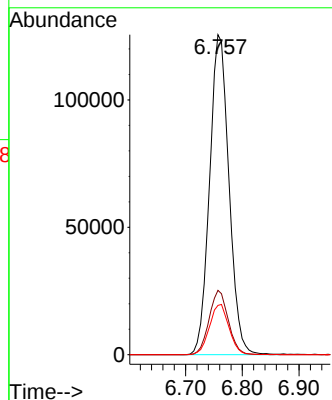
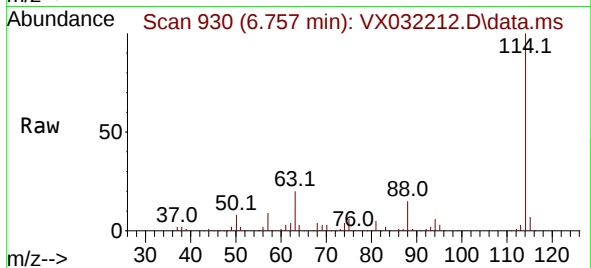




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: VX032212.D  
Acq: 19 Oct 2022 17:00

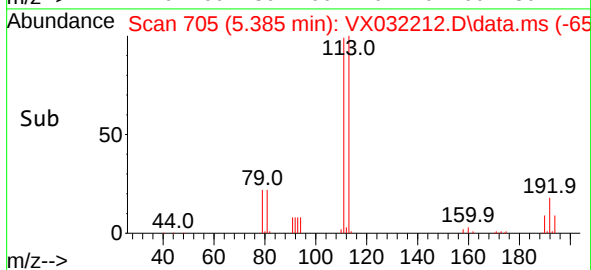
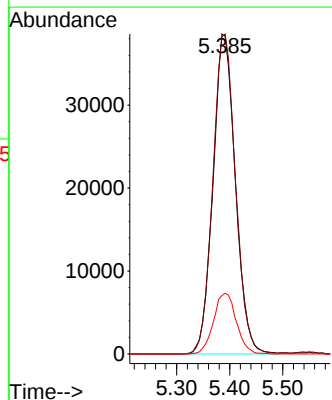
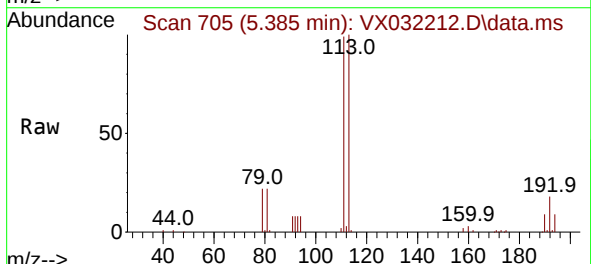
Instrument :  
MSVOA\_X  
ClientSampleId :  
FMC-0083

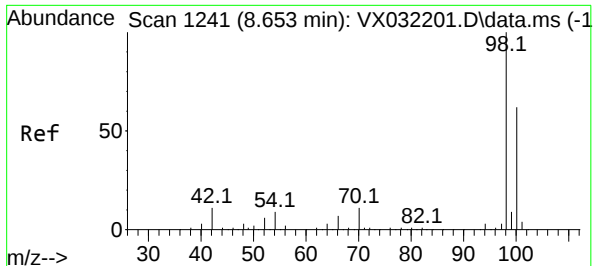
Tgt Ion:114 Resp: 298442  
Ion Ratio Lower Upper  
114 100  
63 20.1 0.0 38.6  
88 15.4 0.0 32.6



#35  
Dibromofluoromethane  
Concen: 54.458 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX032212.D  
Acq: 19 Oct 2022 17:00

Tgt Ion:113 Resp: 113097  
Ion Ratio Lower Upper  
113 100  
111 101.2 82.8 124.2  
192 19.3 15.5 23.3

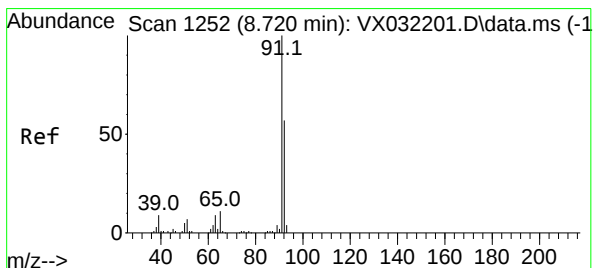
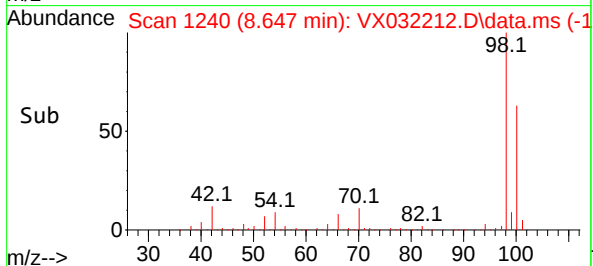
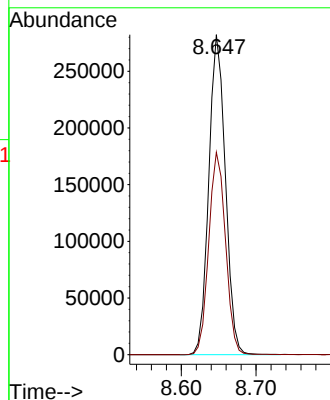
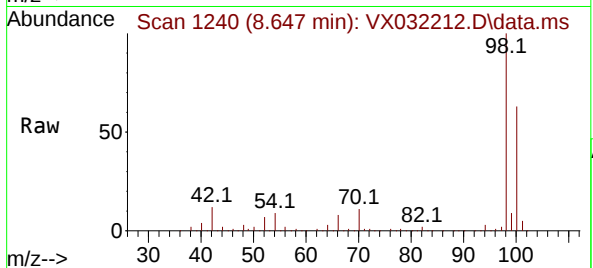




#50  
Toluene-d8  
Concen: 58.195 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX032212.D  
Acq: 19 Oct 2022 17:00

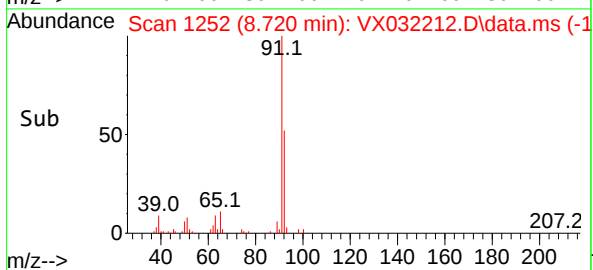
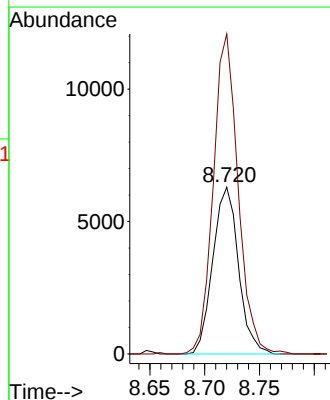
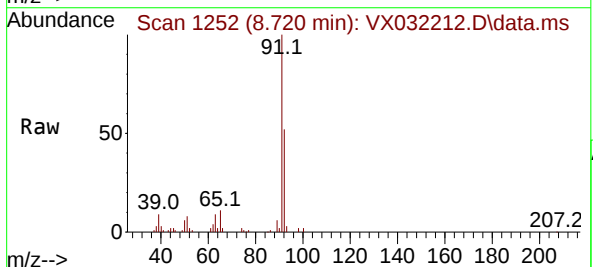
Instrument :  
MSVOA\_X  
ClientSampleId :  
FMC-0083

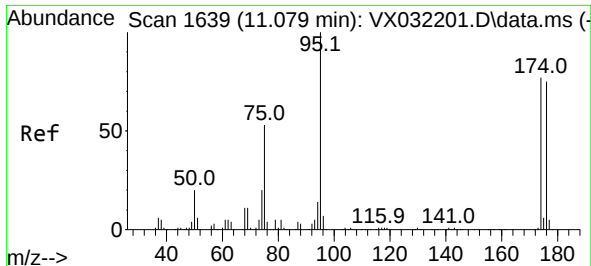
Tgt Ion: 98 Resp: 435049  
Ion Ratio Lower Upper  
98 100  
100 64.0 50.7 76.1



#52  
Toluene  
Concen: 2.046 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX032212.D  
Acq: 19 Oct 2022 17:00

Tgt Ion: 92 Resp: 10261  
Ion Ratio Lower Upper  
92 100  
91 185.2 140.3 210.5





#62

4-Bromofluorobenzene

Concen: 57.395 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX032212.D

Acq: 19 Oct 2022 17:00

Instrument :

MSVOA\_X

ClientSampleId :

FMC-0083

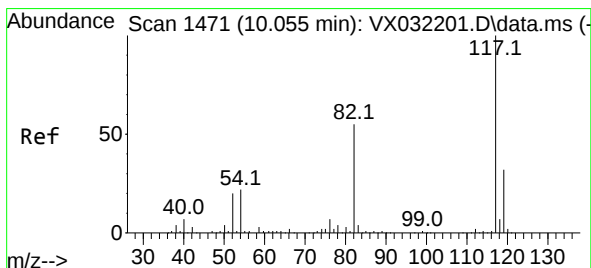
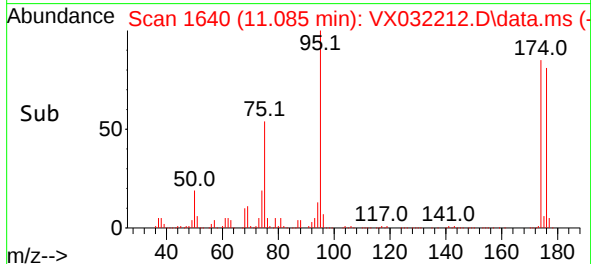
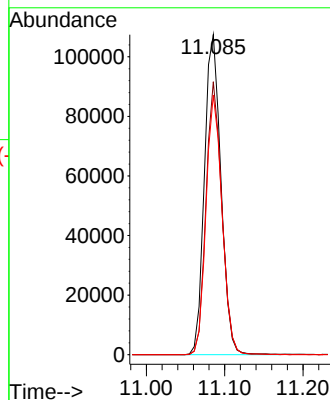
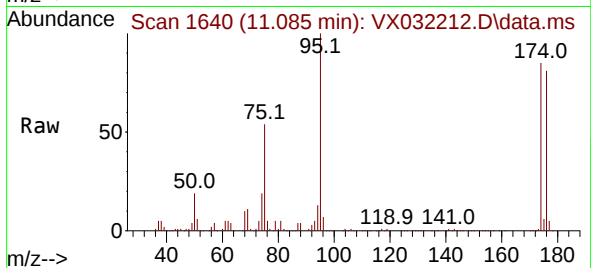
Tgt Ion: 95 Resp: 157117

Ion Ratio Lower Upper

95 100

174 81.7 0.0 166.8

176 79.0 0.0 161.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX032212.D

Acq: 19 Oct 2022 17:00

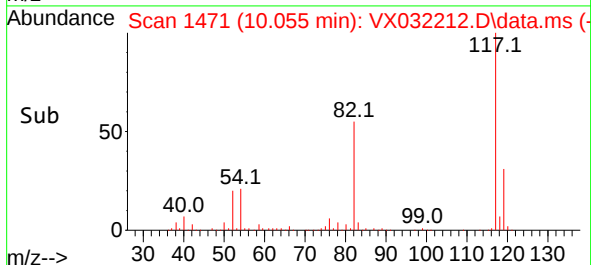
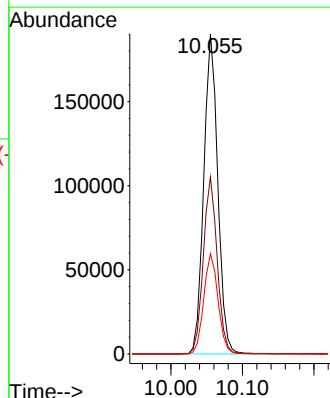
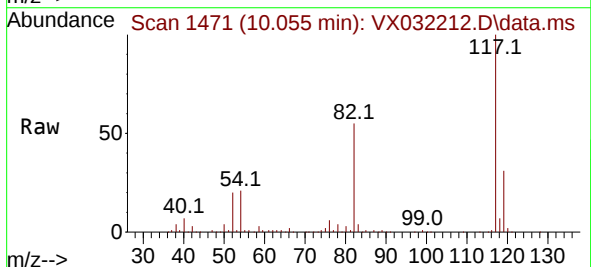
Tgt Ion: 117 Resp: 259471

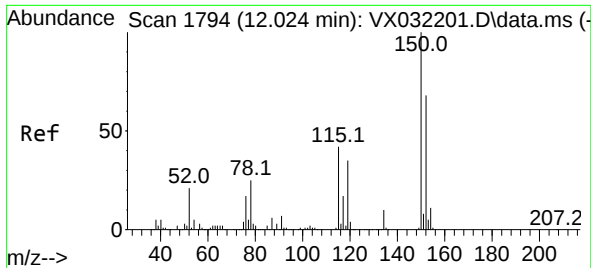
Ion Ratio Lower Upper

117 100

82 55.4 44.2 66.4

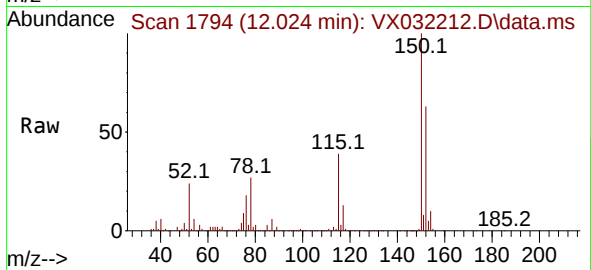
119 31.4 25.8 38.8





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX032212.D  
 Acq: 19 Oct 2022 17:00

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FMC-0083



Tgt Ion:152 Resp: 129464  
 Ion Ratio Lower Upper  
 152 100  
 115 59.4 43.1 129.4  
 150 156.6 0.0 348.6

