

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041223\
 Data File : VX035013.D
 Acq On : 11 Apr 2023 16:44
 Operator : JC/MD
 Sample : 02271-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-040723

Quant Time: Apr 12 05:51:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	274970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	471612	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	416365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	195791	46.559	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.120%
35) Dibromofluoromethane	5.385	113	147992	47.443	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.880%
50) Toluene-d8	8.647	98	561460	48.765	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.520%
62) 4-Bromofluorobenzene	11.079	95	200270	44.949	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.900%

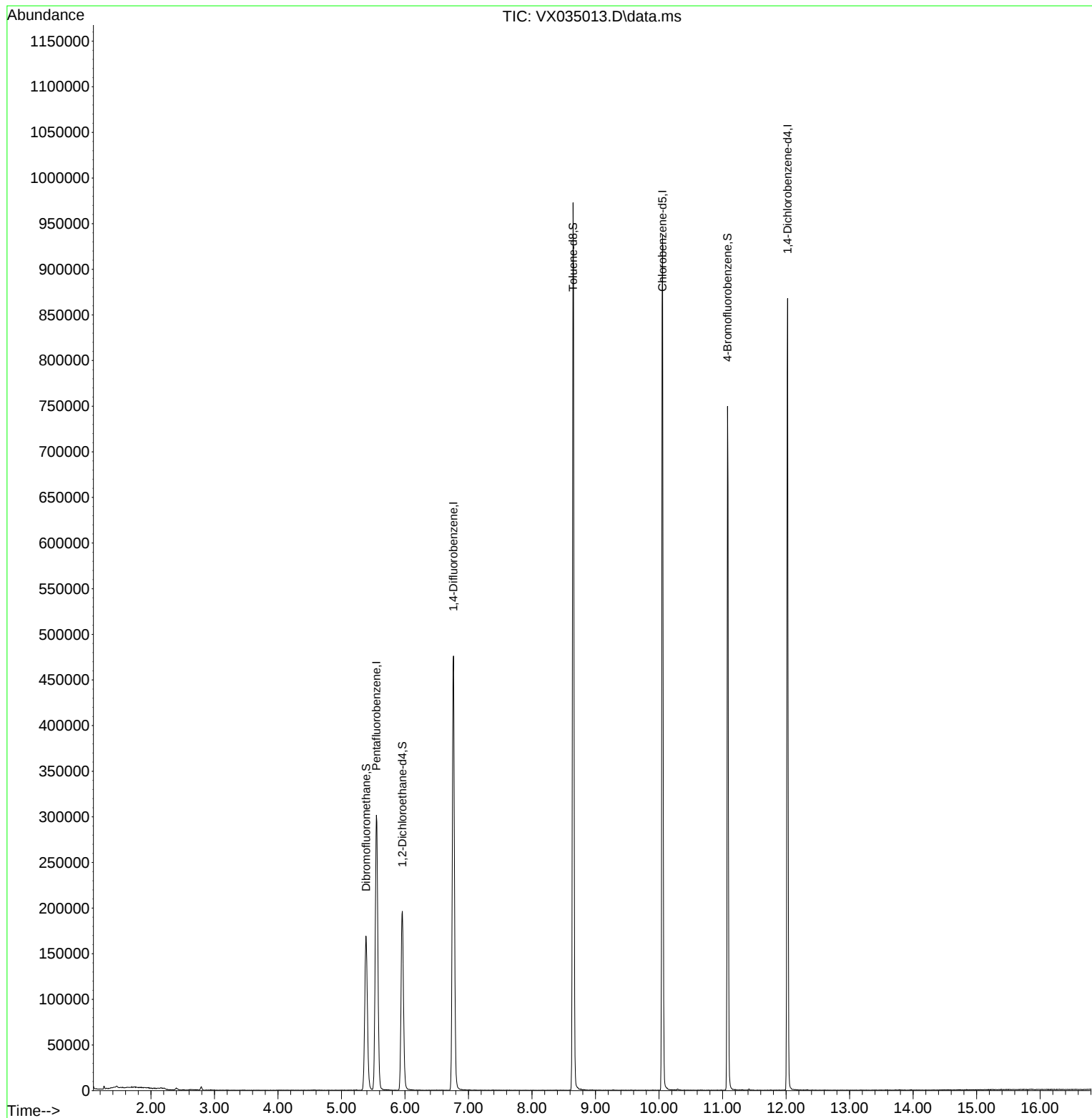
Target Compounds	Qvalue

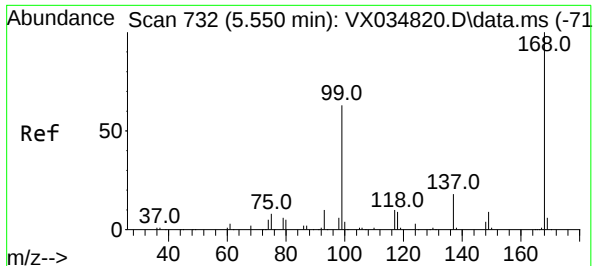
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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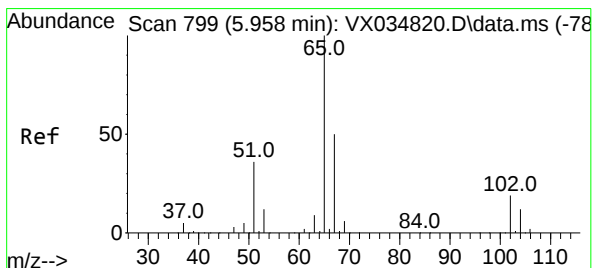
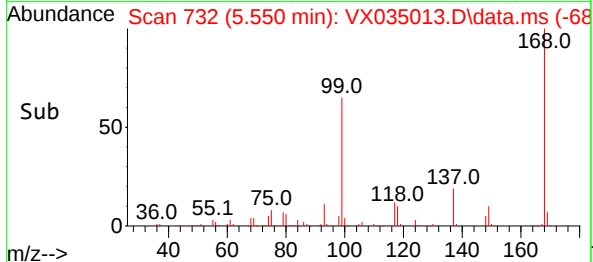
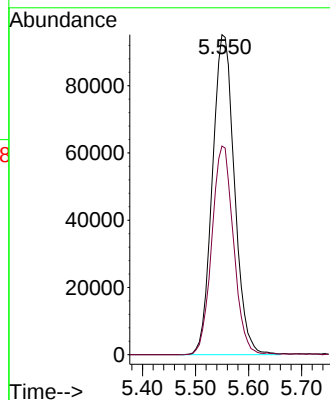
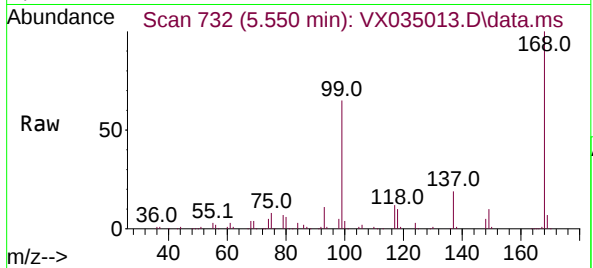




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035013.D
Acq: 11 Apr 2023 16:44

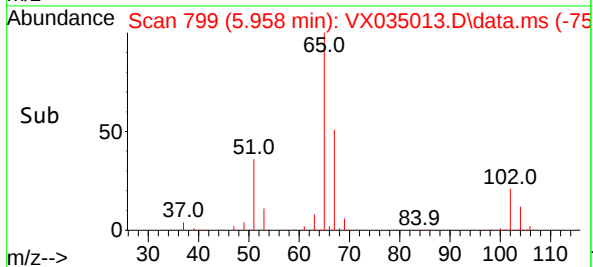
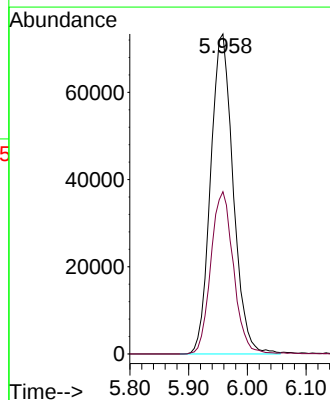
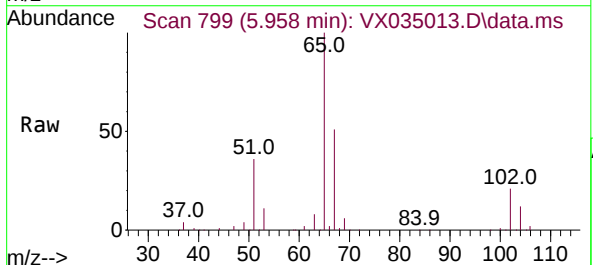
Instrument :
MSVOA_X
ClientSampleId :
FB-040723

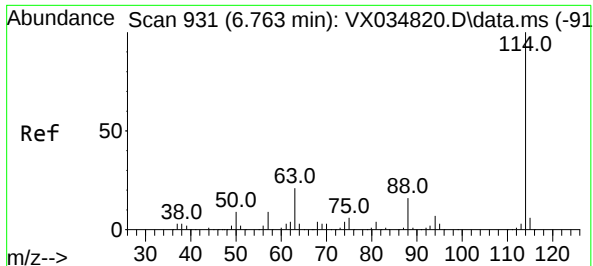
Tgt Ion:168 Resp: 274970
Ion Ratio Lower Upper
168 100
99 65.2 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 46.559 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX035013.D
Acq: 11 Apr 2023 16:44

Tgt Ion: 65 Resp: 195791
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.0

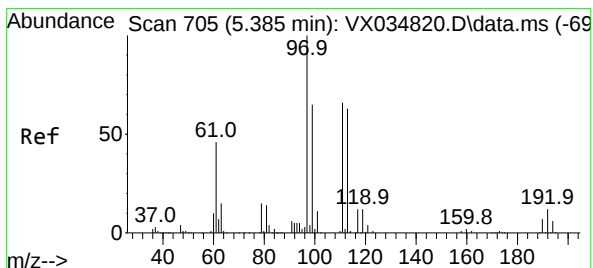
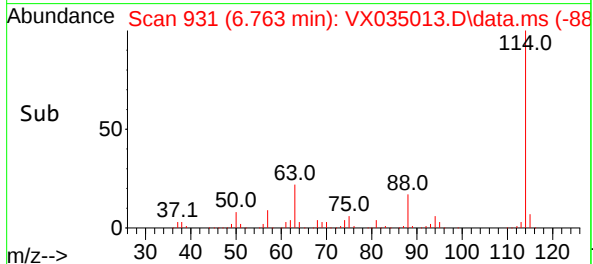
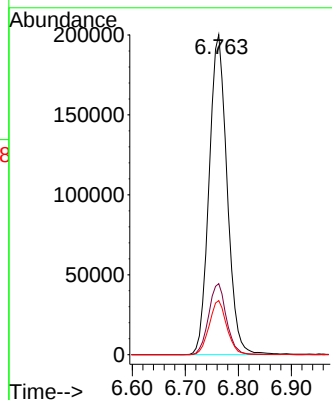
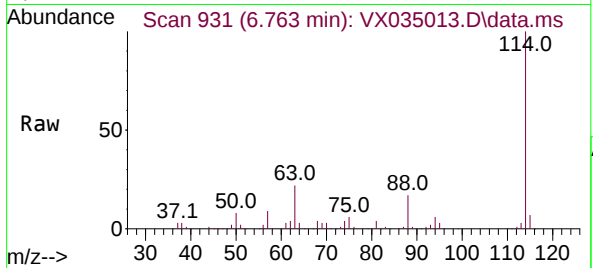




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035013.D
Acq: 11 Apr 2023 16:44

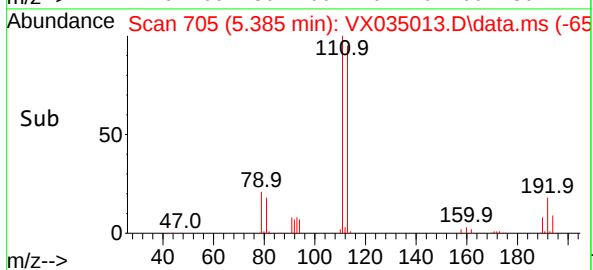
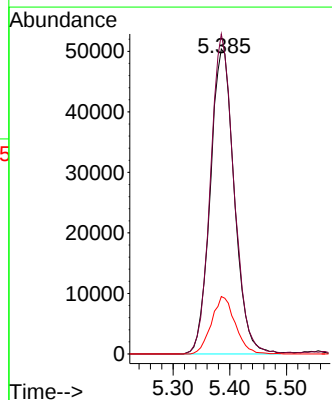
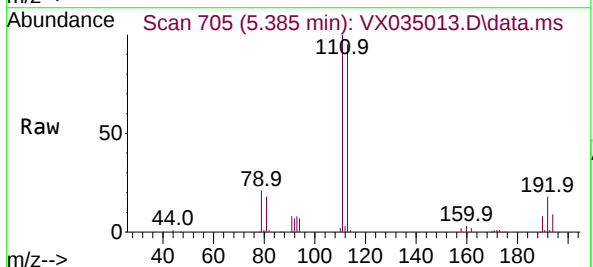
Instrument :
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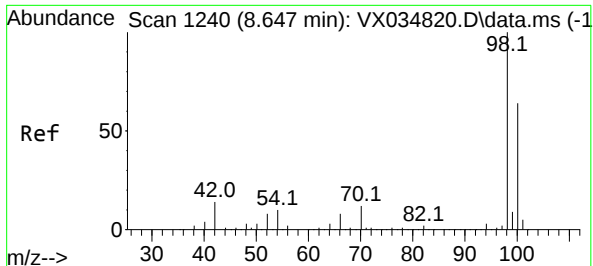
Tgt Ion:114 Resp: 471612
Ion Ratio Lower Upper
114 100
63 22.2 0.0 42.2
88 16.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.443 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035013.D
Acq: 11 Apr 2023 16:44

Tgt Ion:113 Resp: 147992
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 18.6 15.4 23.2

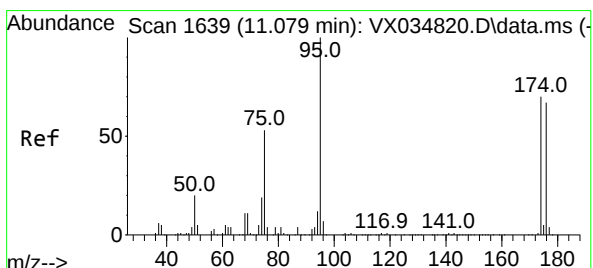
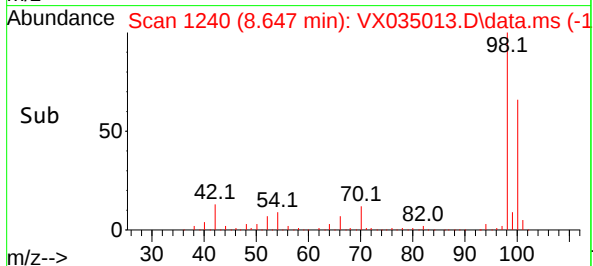
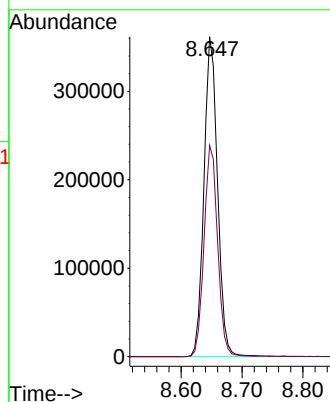
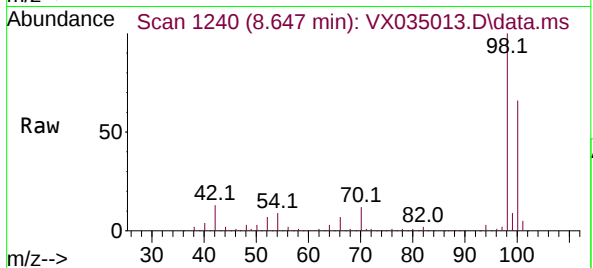




#50
Toluene-d8
Concen: 48.765 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035013.D
Acq: 11 Apr 2023 16:44

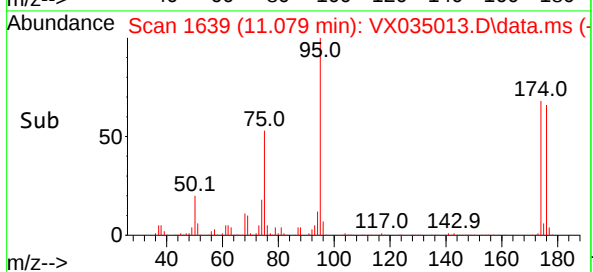
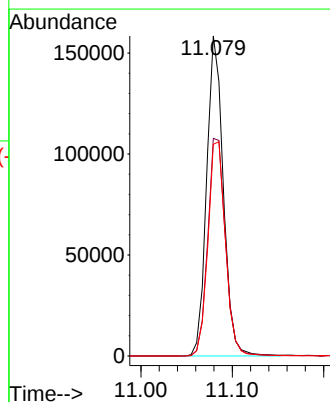
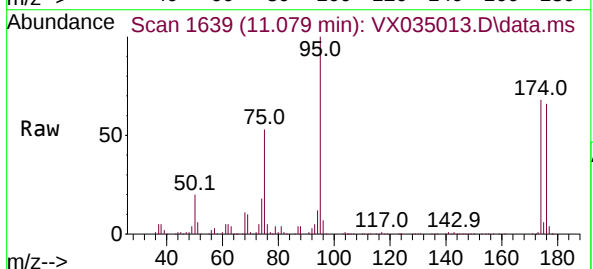
Instrument :
MSVOA_X
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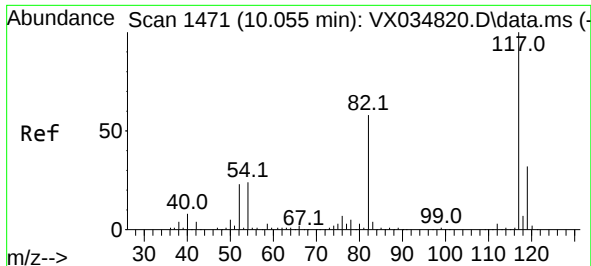
Tgt Ion: 98 Resp: 561460
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 44.949 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035013.D
Acq: 11 Apr 2023 16:44

Tgt Ion: 95 Resp: 200270
Ion Ratio Lower Upper
95 100
174 72.4 0.0 147.4
176 70.7 0.0 140.6

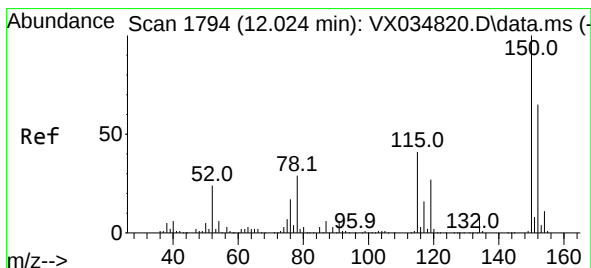
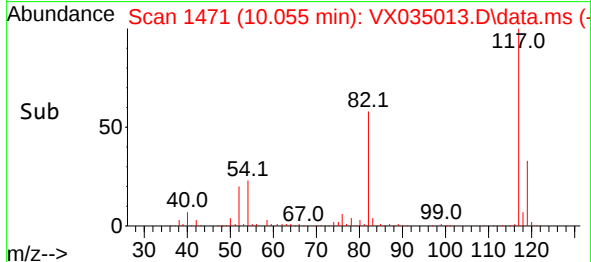
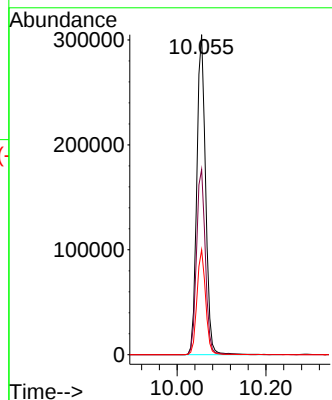
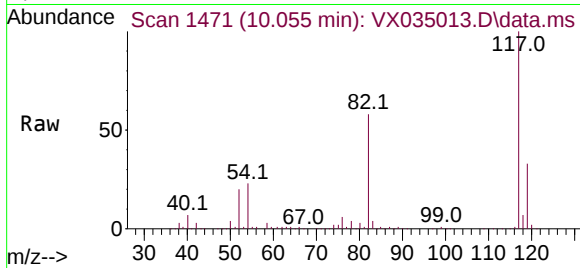




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035013.D
Acq: 11 Apr 2023 16:44

Instrument :
MSVOA_X
ClientSampleId :
FB-040723

Tgt Ion:117 Resp: 416365
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.4
119 32.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035013.D
Acq: 11 Apr 2023 16:44

Tgt Ion:152 Resp: 174263
Ion Ratio Lower Upper
152 100
115 61.9 45.0 135.0
150 156.9 0.0 352.4

