

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032223\
 Data File : VX034678.D
 Acq On : 22 Mar 2023 17:33
 Operator : JC/MD
 Sample : 02039-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PMW-1

Quant Time: Mar 23 07:55:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	333107	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	573654	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	509125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	260240	53.702	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.400%	
35) Dibromofluoromethane	5.391	113	179908	47.500	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.000%	
50) Toluene-d8	8.647	98	683903	48.370	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.740%	
62) 4-Bromofluorobenzene	11.079	95	263050	46.059	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.120%	

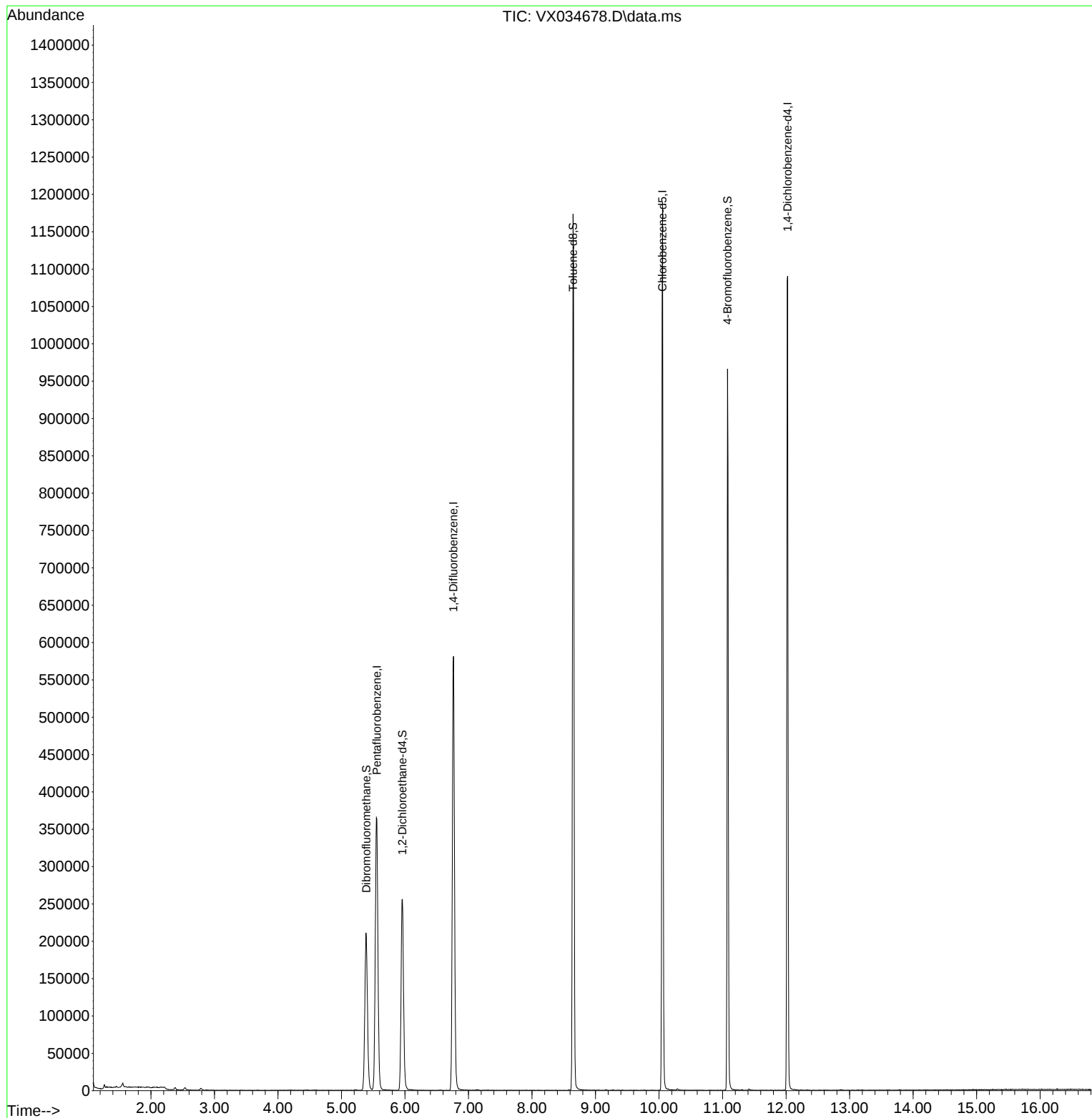
Target Compounds	Qvalue

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

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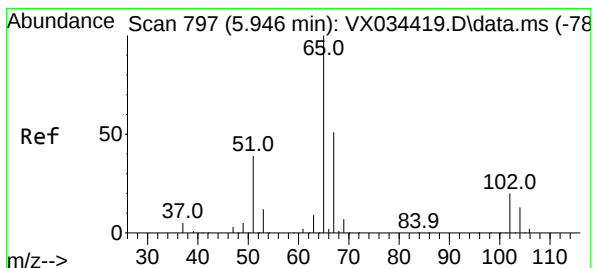
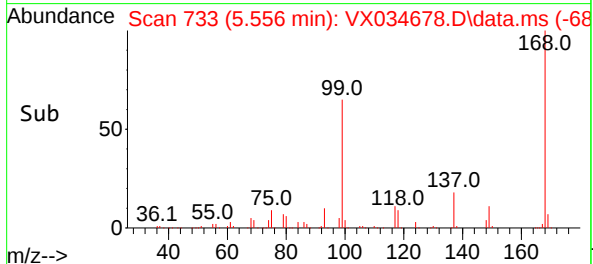
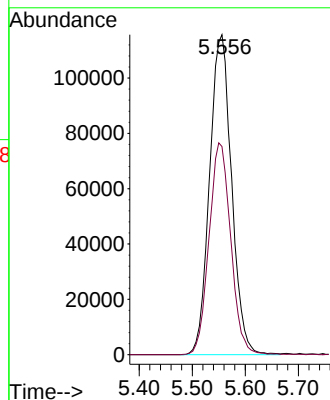
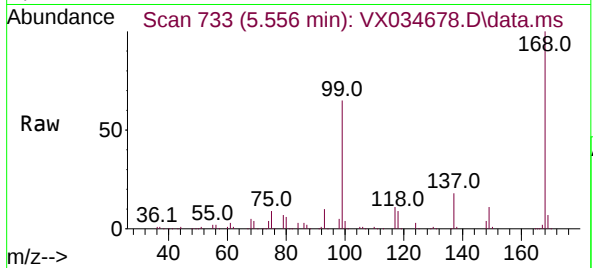




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.012 min
Lab File: VX034678.D
Acq: 22 Mar 2023 17:33

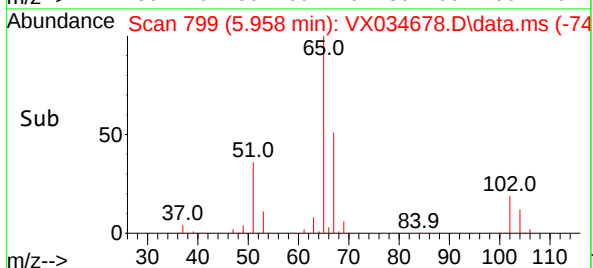
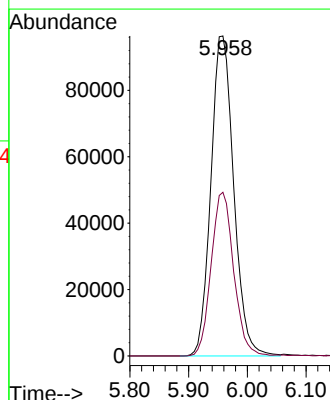
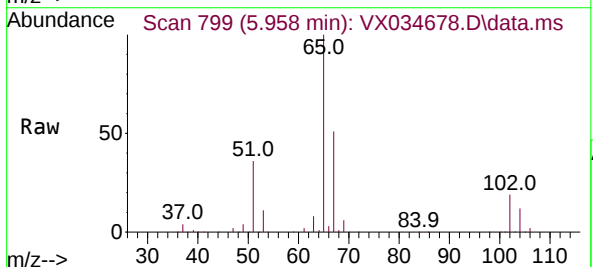
Instrument :
MSVOA_X
ClientSampleId :
PMW-1

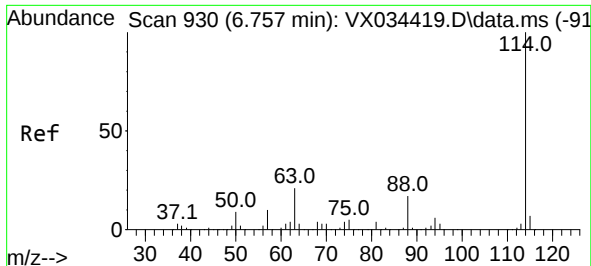
Tgt Ion:168 Resp: 333107
Ion Ratio Lower Upper
168 100
99 65.1 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 53.702 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034678.D
Acq: 22 Mar 2023 17:33

Tgt Ion: 65 Resp: 260240
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.0

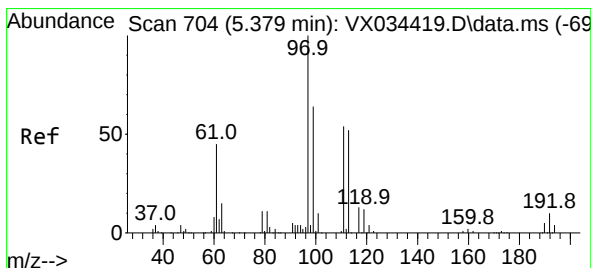
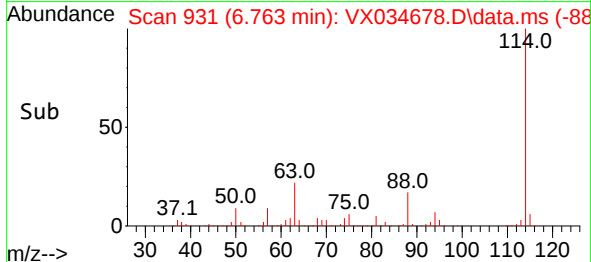
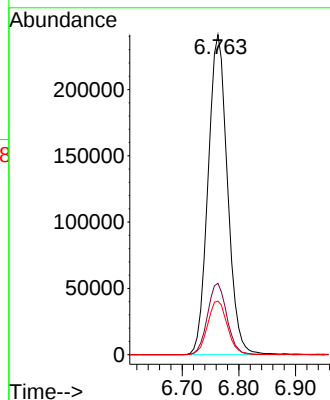
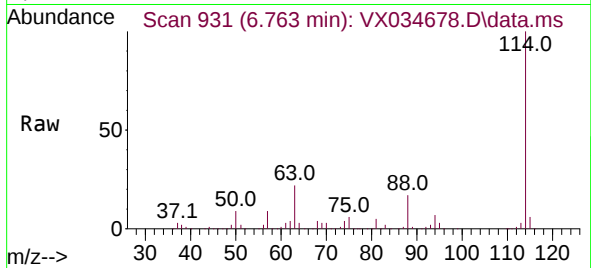




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034678.D
Acq: 22 Mar 2023 17:33

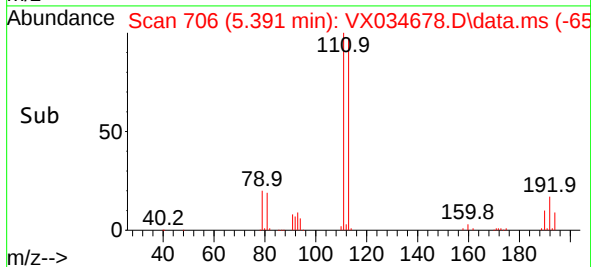
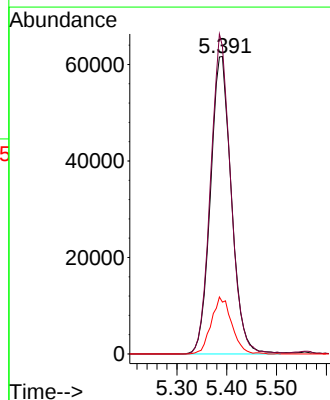
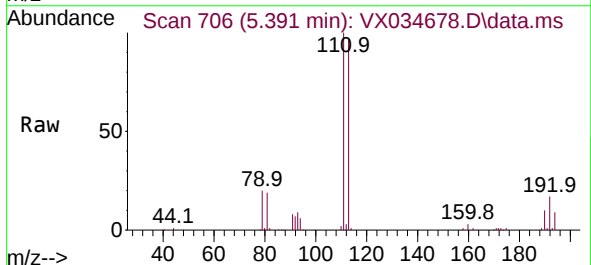
Instrument :
MSVOA_X
ClientSampleId :
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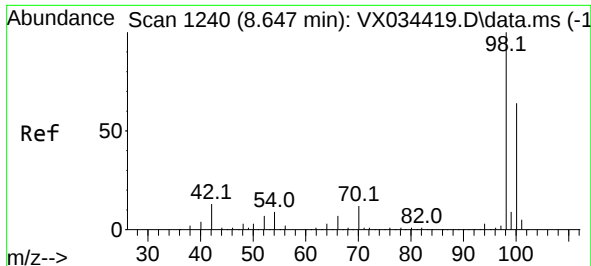
Tgt Ion:114 Resp: 573654
Ion Ratio Lower Upper
114 100
63 22.3 0.0 42.2
88 16.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.500 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX034678.D
Acq: 22 Mar 2023 17:33

Tgt Ion:113 Resp: 179908
Ion Ratio Lower Upper
113 100
111 103.5 83.7 125.5
192 18.7 15.4 23.2

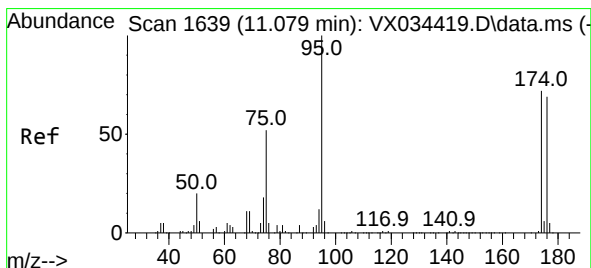
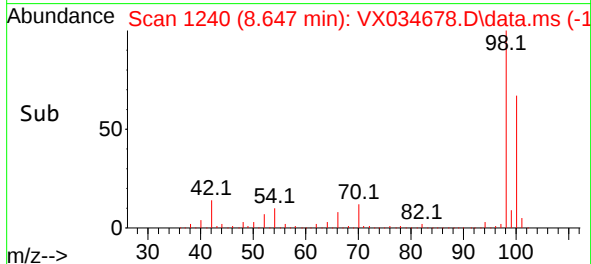
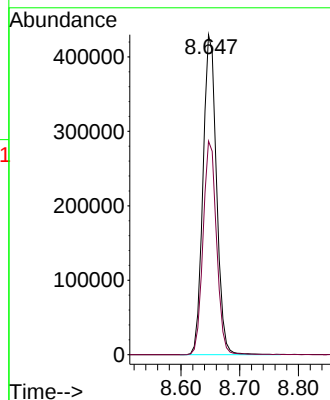
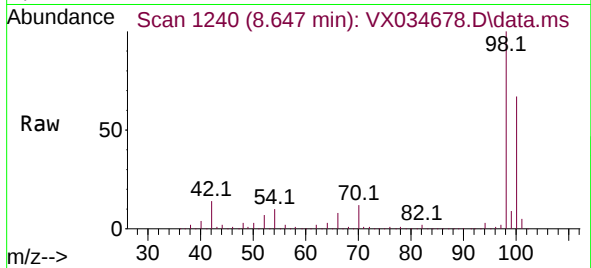




#50
Toluene-d8
Concen: 48.370 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034678.D
Acq: 22 Mar 2023 17:33

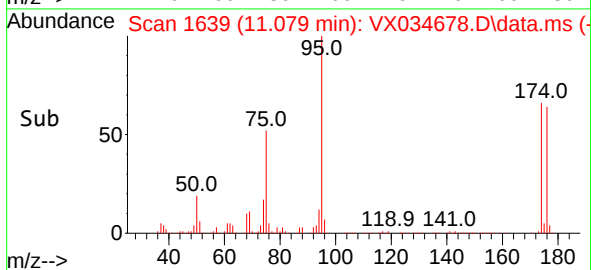
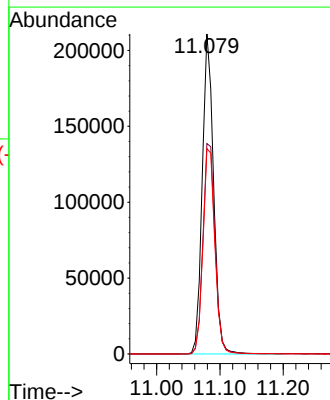
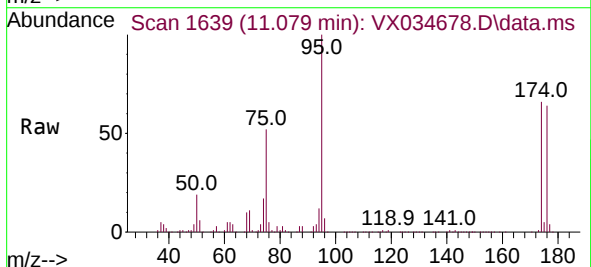
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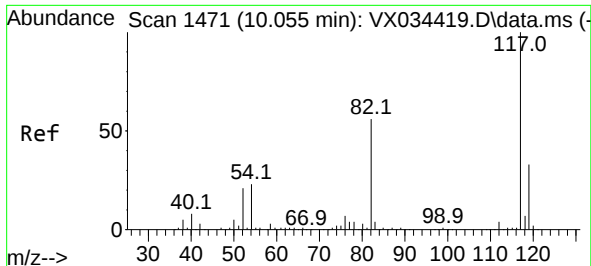
Tgt Ion: 98 Resp: 683903
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.059 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034678.D
Acq: 22 Mar 2023 17:33

Tgt Ion: 95 Resp: 263050
Ion Ratio Lower Upper
95 100
174 70.2 0.0 147.4
176 67.6 0.0 140.6

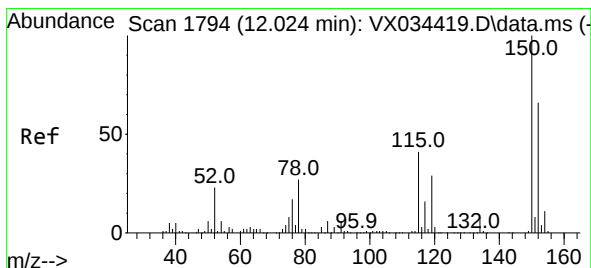
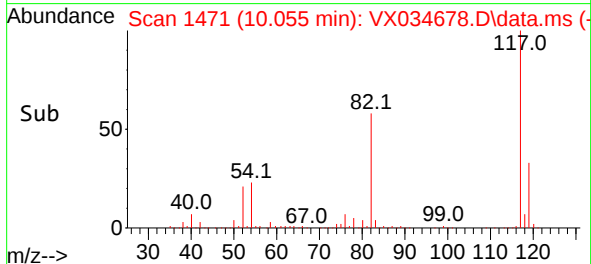
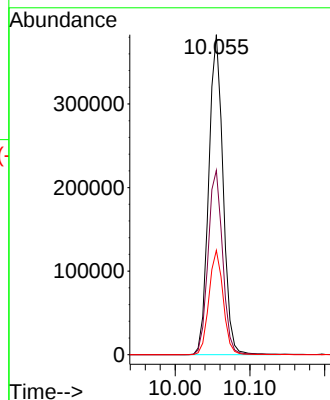
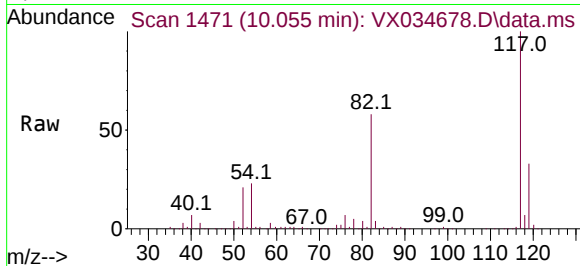




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034678.D
Acq: 22 Mar 2023 17:33

Instrument :
MSVOA_X
ClientSampleId :
PMW-1

Tgt Ion:117 Resp: 509125
Ion Ratio Lower Upper
117 100
82 57.6 45.0 67.4
119 32.6 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: VX034678.D
Acq: 22 Mar 2023 17:33

Tgt Ion:152 Resp: 228751
Ion Ratio Lower Upper
152 100
115 63.2 45.0 135.0
150 156.4 0.0 352.4

