

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
 Data File : VX038177.D
 Acq On : 09 Oct 2023 17:19
 Operator : JC/MD
 Sample : 04724-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Oct 10 00:59:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	104112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184177	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77053	46.013	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.020%
35) Dibromofluoromethane	5.385	113	60199	45.361	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.720%
50) Toluene-d8	8.647	98	231400	45.630	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.260%#
62) 4-Bromofluorobenzene	11.079	95	85246	44.340	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.680%

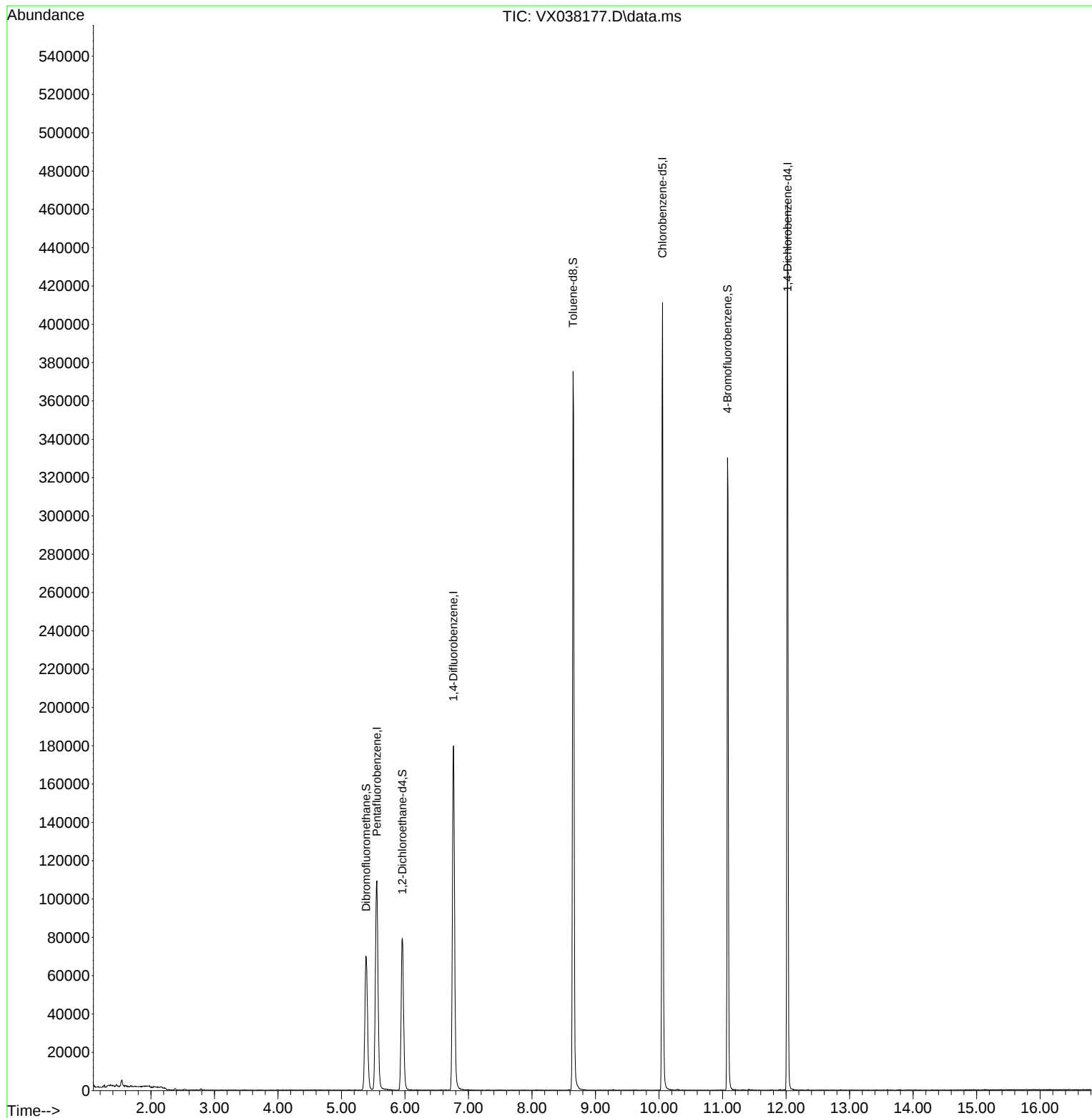
Target Compounds	Qvalue

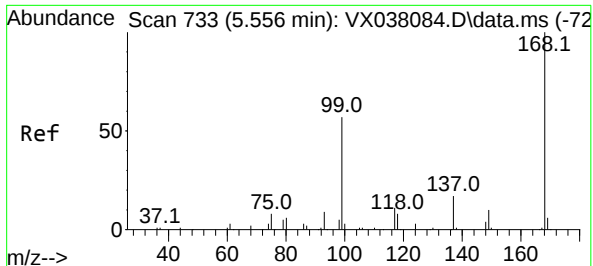
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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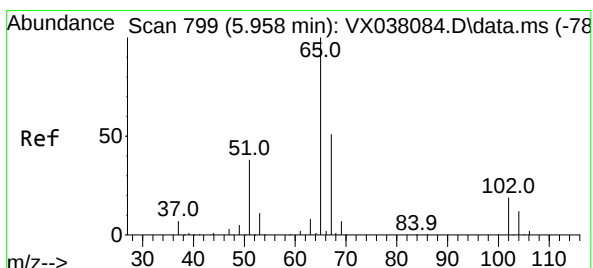
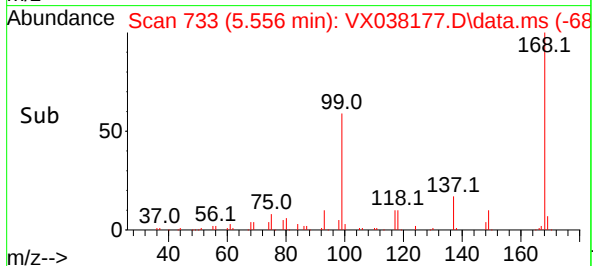
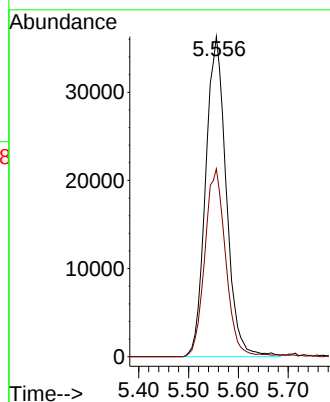
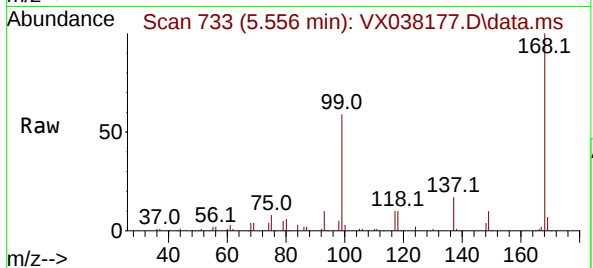




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX038177.D
Acq: 09 Oct 2023 17:19

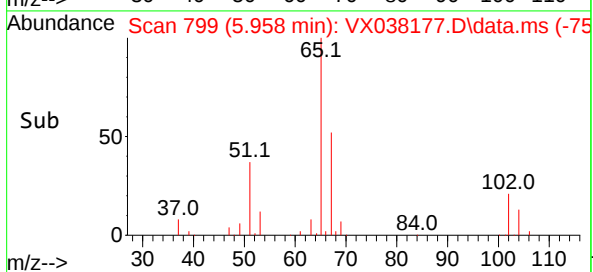
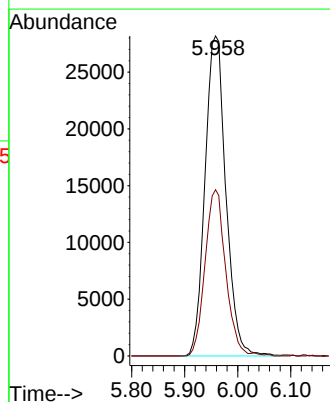
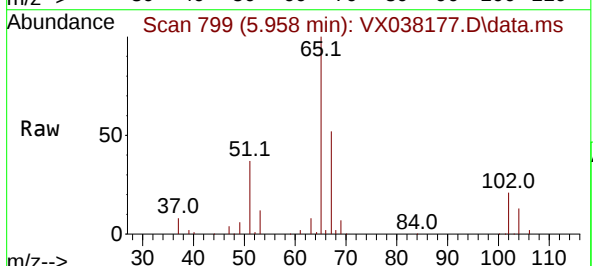
Instrument :
MSVOA_X
ClientSampleId :
MW-4

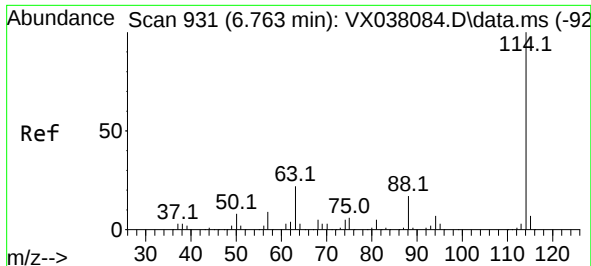
Tgt Ion:168 Resp: 104112
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.013 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038177.D
Acq: 09 Oct 2023 17:19

Tgt Ion: 65 Resp: 77053
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

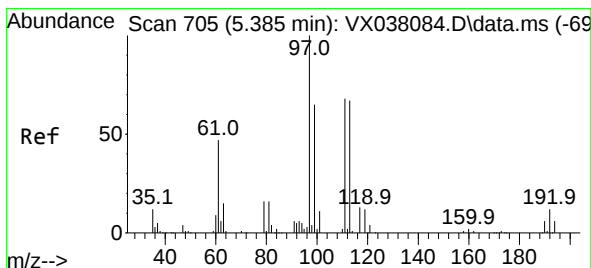
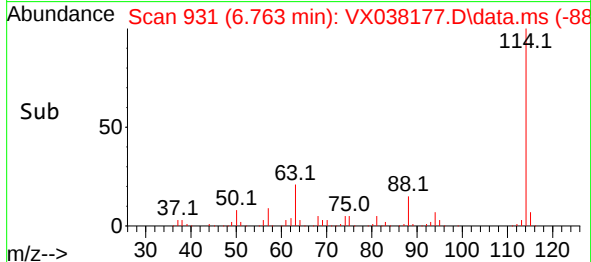
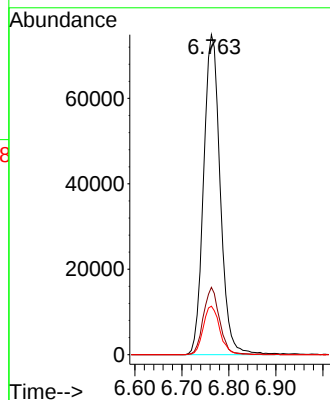
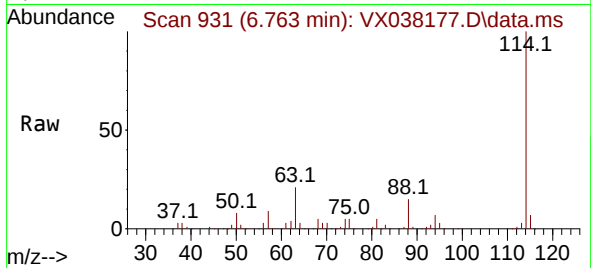




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038177.D
Acq: 09 Oct 2023 17:19

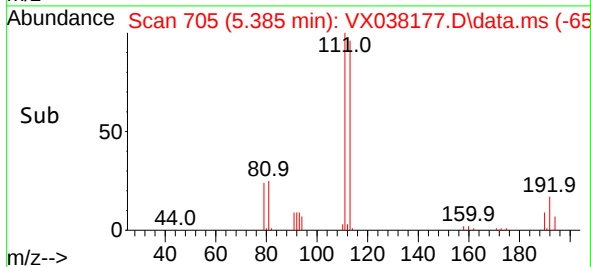
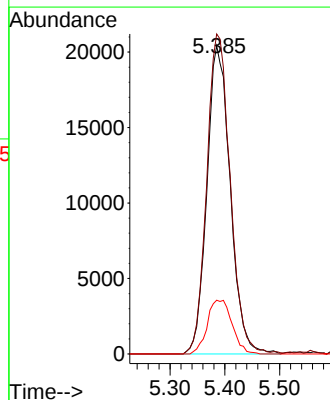
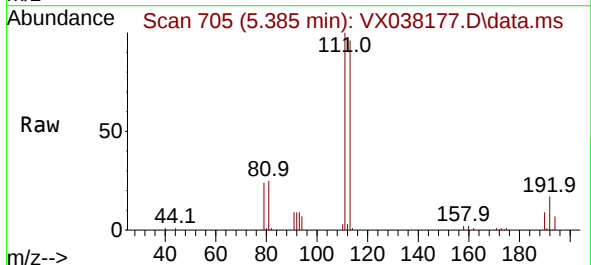
Instrument :
MSVOA_X
ClientSampleId :
MW-4

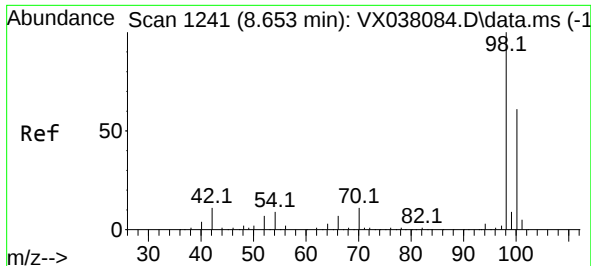
Tgt Ion:114 Resp: 184177
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.361 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038177.D
Acq: 09 Oct 2023 17:19

Tgt Ion:113 Resp: 60199
Ion Ratio Lower Upper
113 100
111 104.3 82.9 124.3
192 18.6 13.3 19.9

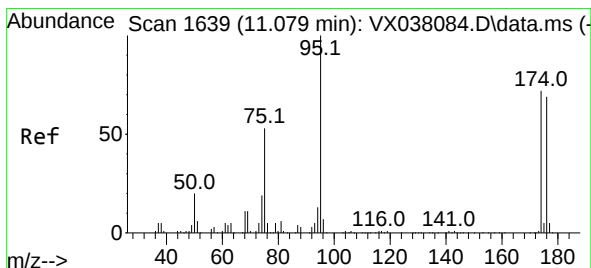
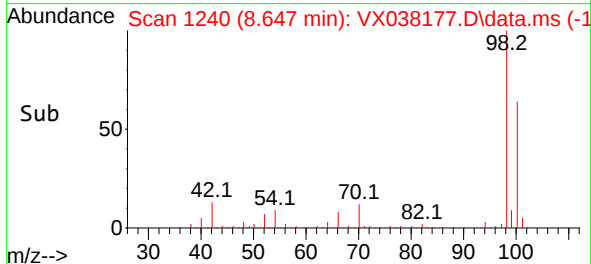
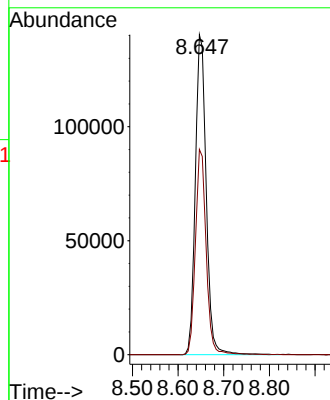
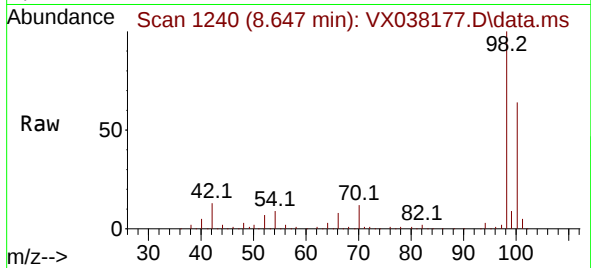




#50
Toluene-d8
Concen: 45.630 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038177.D
Acq: 09 Oct 2023 17:19

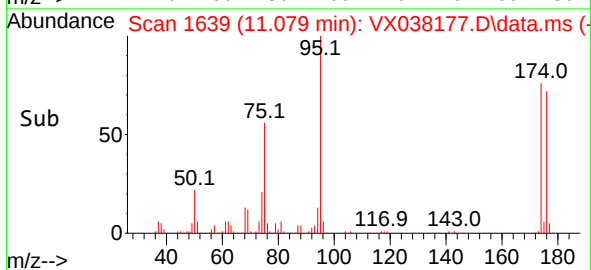
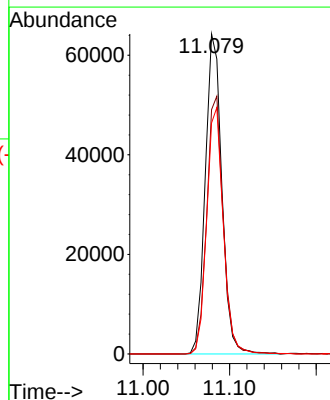
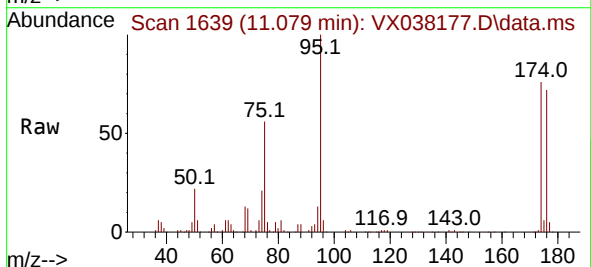
Instrument :
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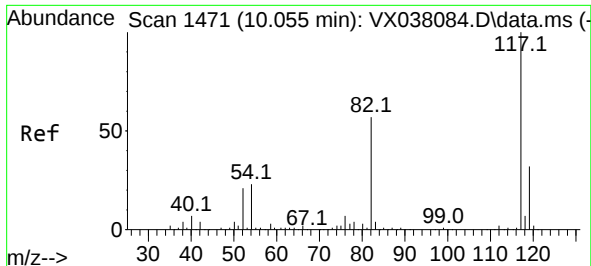
Tgt Ion: 98 Resp: 231400
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.340 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038177.D
Acq: 09 Oct 2023 17:19

Tgt Ion: 95 Resp: 85246
Ion Ratio Lower Upper
95 100
174 80.6 0.0 135.6
176 77.3 0.0 131.0

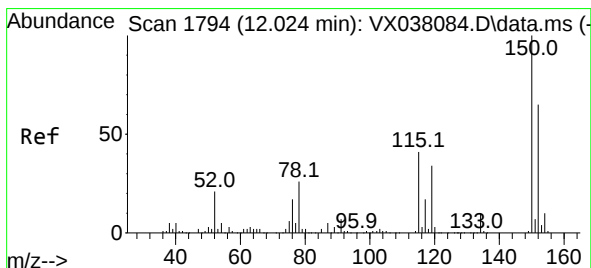
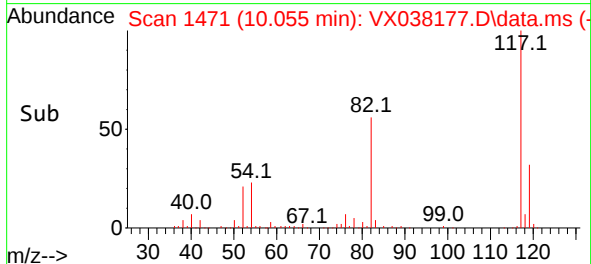
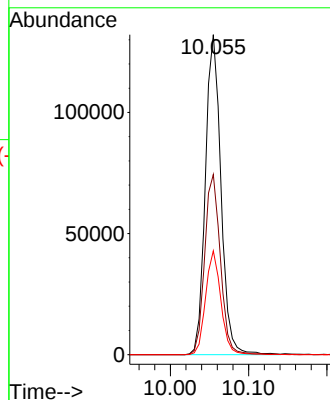
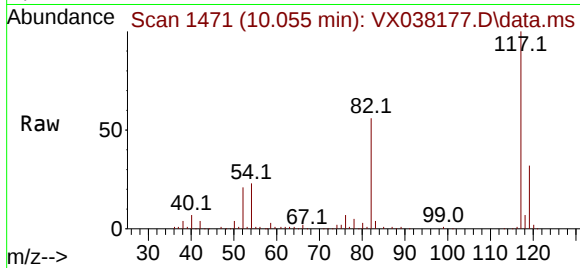




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038177.D
Acq: 09 Oct 2023 17:19

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion:117 Resp: 182195
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038177.D
Acq: 09 Oct 2023 17:19

Tgt Ion:152 Resp: 91886
Ion Ratio Lower Upper
152 100
115 60.1 43.3 129.9
150 156.9 0.0 345.0

