

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038245.D
 Acq On : 12 Oct 2023 10:38
 Operator : JC/MD
 Sample : VX1012MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1012MBL01

Quant Time: Oct 13 04:44:00 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	5.550	168	118117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	213298	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87708	46.166	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.340%
35) Dibromofluoromethane	5.379	113	69519	45.232	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.460%
50) Toluene-d8	8.647	98	263264	44.826	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.660%#
62) 4-Bromofluorobenzene	11.079	95	93585	42.032	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.060%

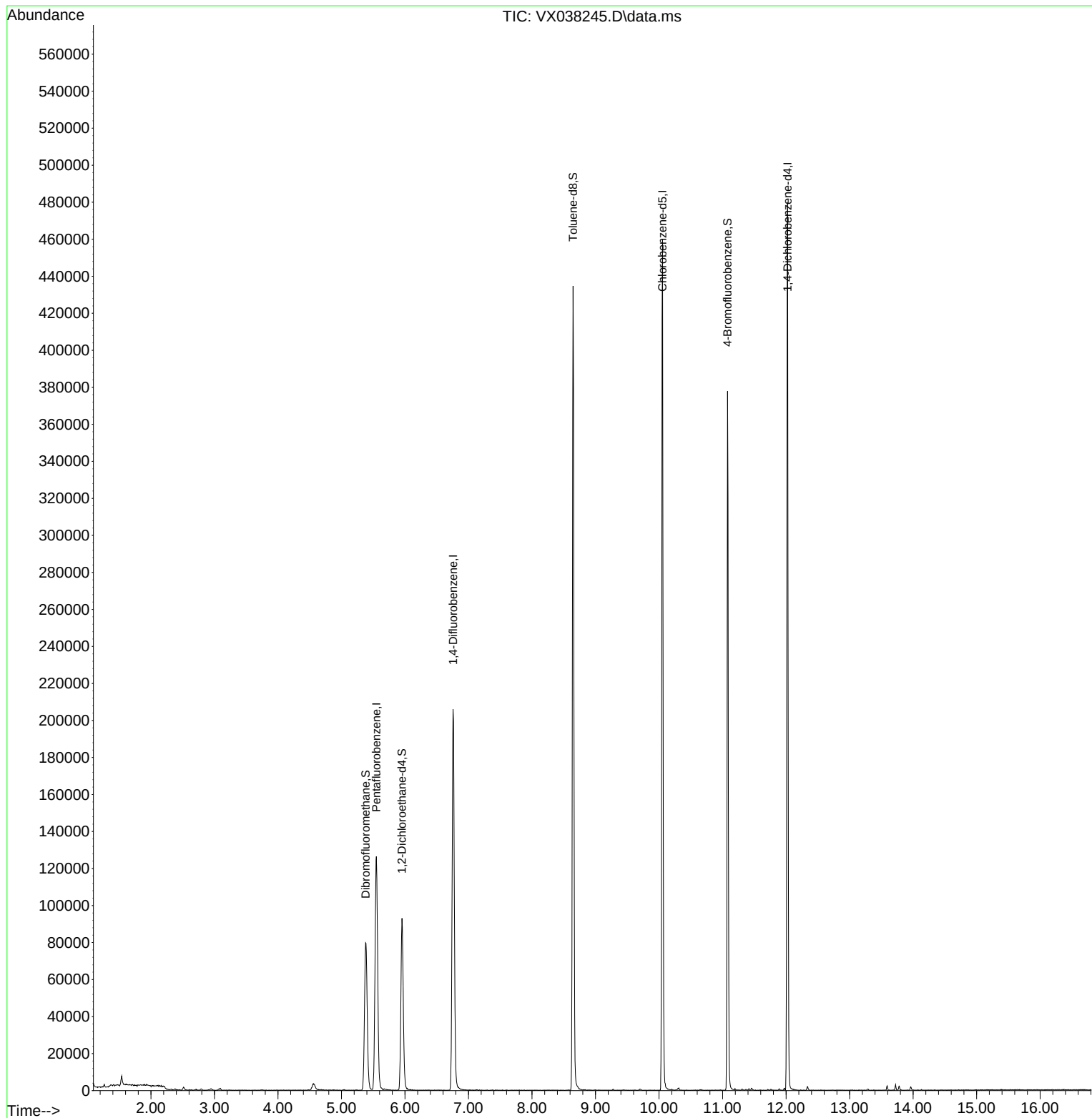
Target Compounds	Qvalue

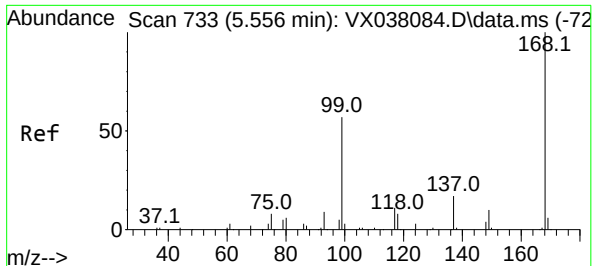
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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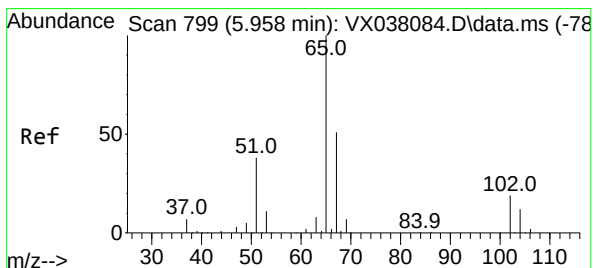
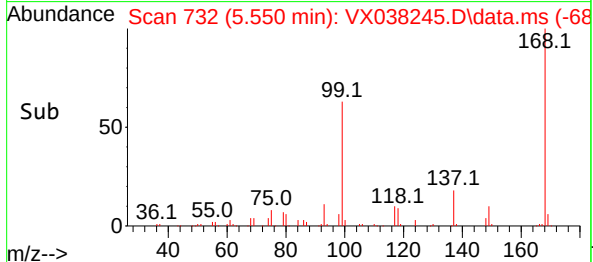
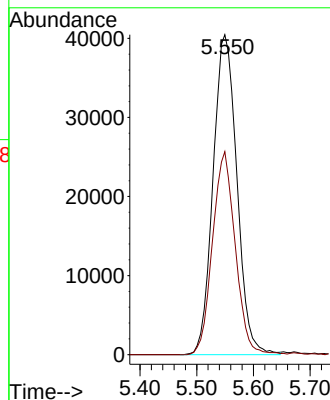
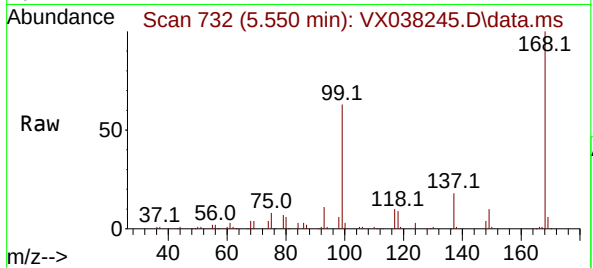




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.006 min
Lab File: VX038245.D
Acq: 12 Oct 2023 10:38

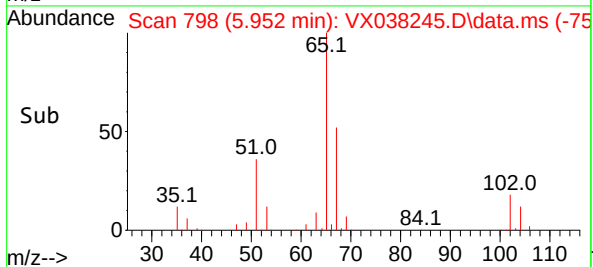
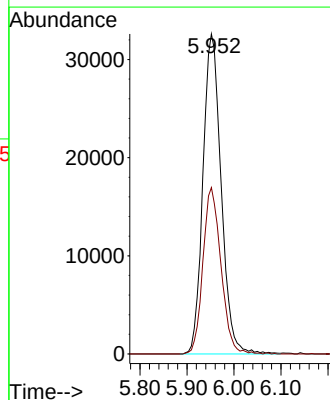
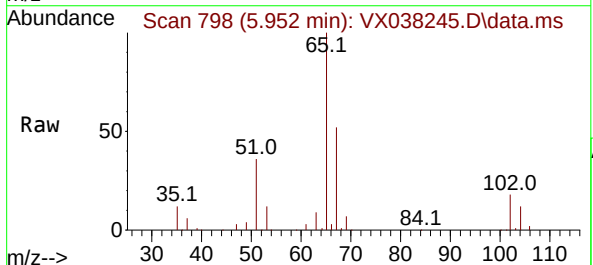
Instrument :
MSVOA_X
ClientSampleId :
VX1012MBL01

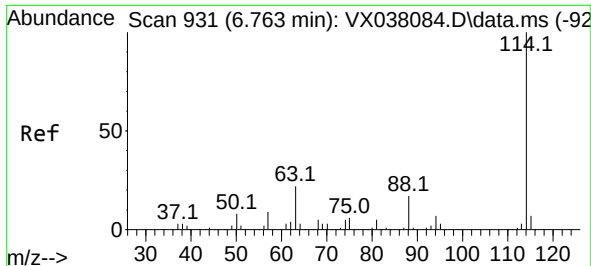
Tgt Ion:168 Resp: 118117
Ion Ratio Lower Upper
168 100
99 63.4 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.166 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038245.D
Acq: 12 Oct 2023 10:38

Tgt Ion: 65 Resp: 87708
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

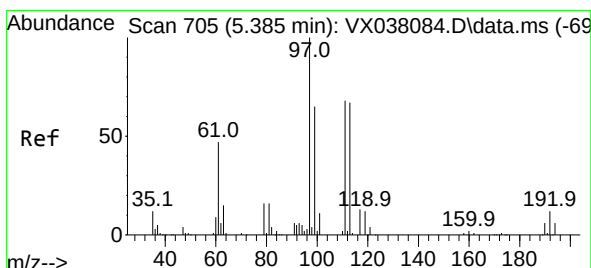
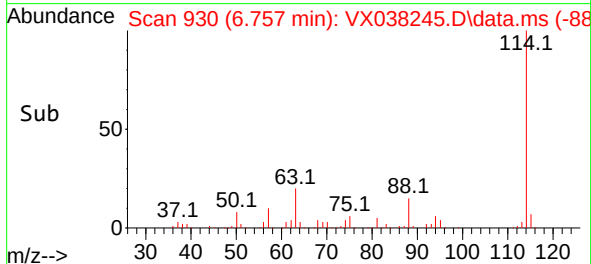
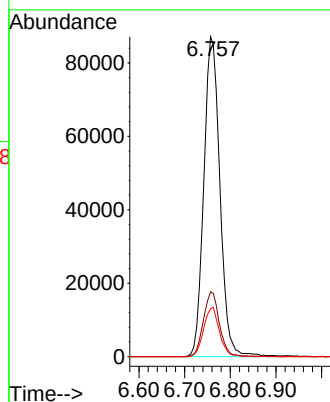
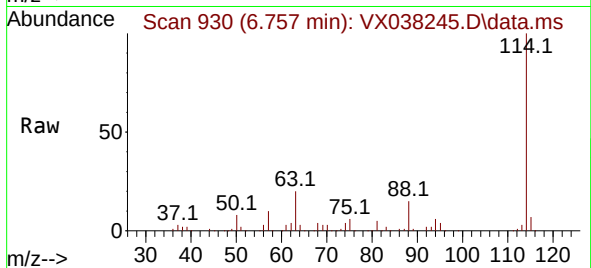




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX038245.D
Acq: 12 Oct 2023 10:38

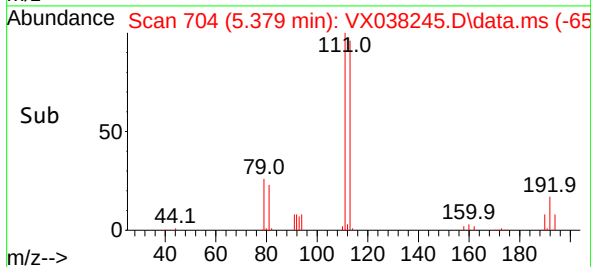
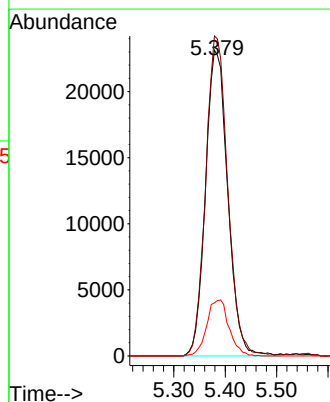
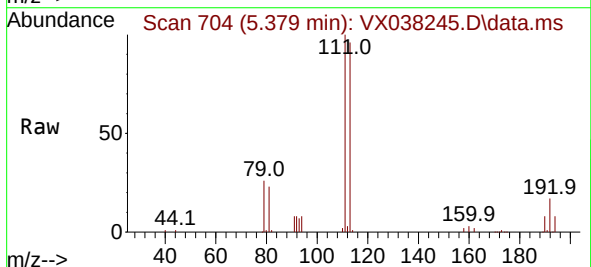
Instrument :
MSVOA_X
ClientSampleId :
VX1012MBL01

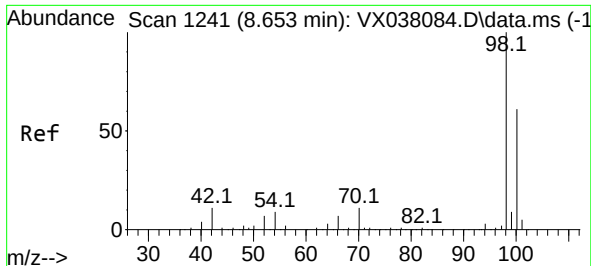
Tgt Ion:114 Resp: 213298
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.232 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038245.D
Acq: 12 Oct 2023 10:38

Tgt Ion:113 Resp: 69519
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 18.3 13.3 19.9

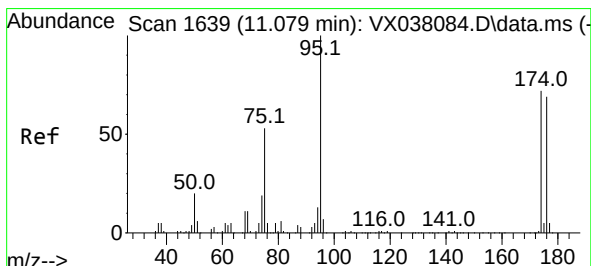
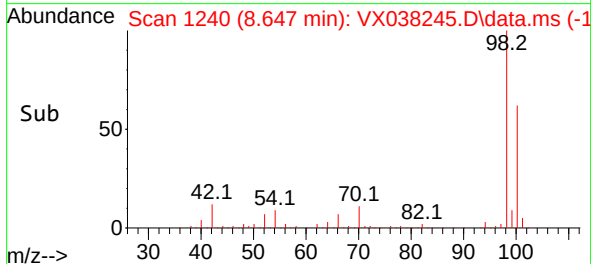
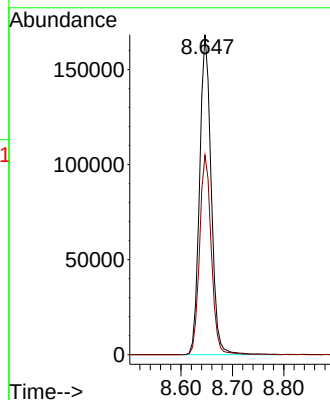
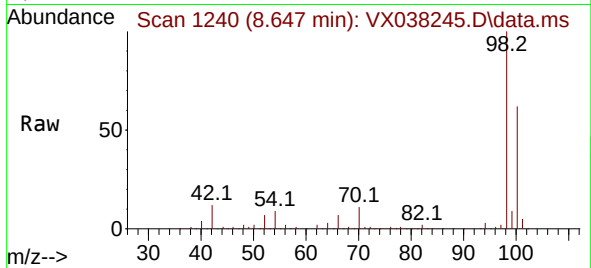




#50
Toluene-d8
Concen: 44.826 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038245.D
Acq: 12 Oct 2023 10:38

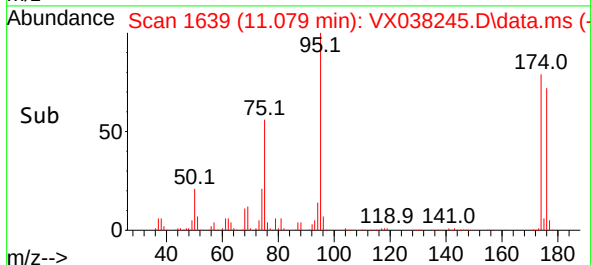
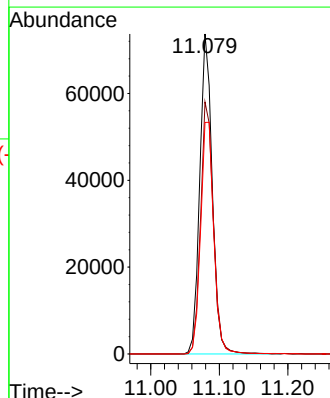
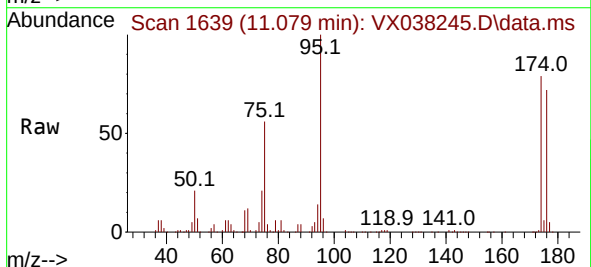
Instrument :
MSVOA_X
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VX1012MBL01

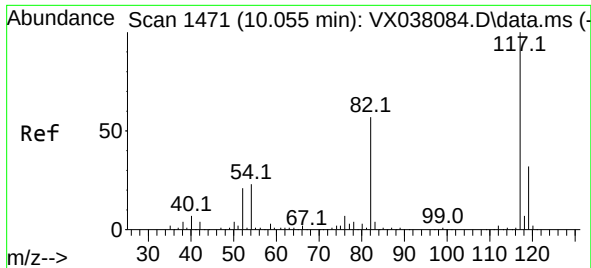
Tgt Ion: 98 Resp: 263264
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 42.032 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038245.D
Acq: 12 Oct 2023 10:38

Tgt Ion: 95 Resp: 93585
Ion Ratio Lower Upper
95 100
174 81.0 0.0 135.6
176 76.6 0.0 131.0

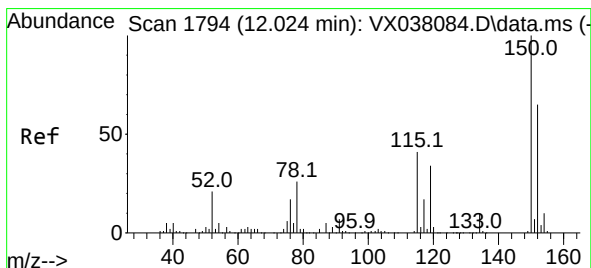
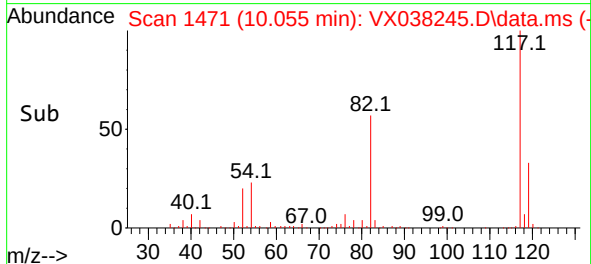
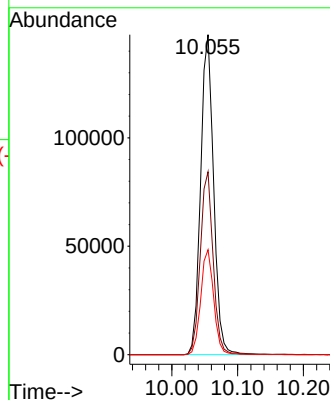
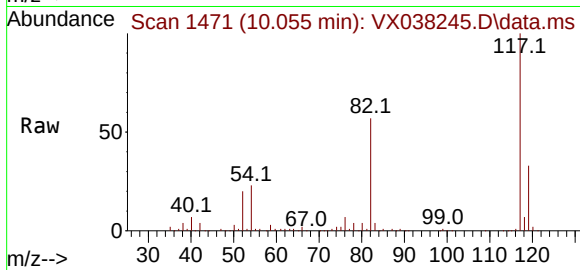




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038245.D
Acq: 12 Oct 2023 10:38

Instrument :
MSVOA_X
ClientSampleId :
VX1012MBL01

Tgt Ion:117 Resp: 202999
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 32.8 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: VX038245.D
Acq: 12 Oct 2023 10:38

Tgt Ion:152 Resp: 98934
Ion Ratio Lower Upper
152 100
115 60.9 43.3 129.9
150 158.0 0.0 345.0

