

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100621\
 Data File : VX024623.D
 Acq On : 06 Oct 2021 17:21
 Operator : JC/MD
 Sample : M4047-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Oct 07 07:47:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	138708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	263381	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106659	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107538	55.009	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.020%
35) Dibromofluoromethane	5.397	113	83143	47.518	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.040%
50) Toluene-d8	8.653	98	322591	50.093	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.180%
62) 4-Bromofluorobenzene	11.085	95	116742	46.106	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.220%

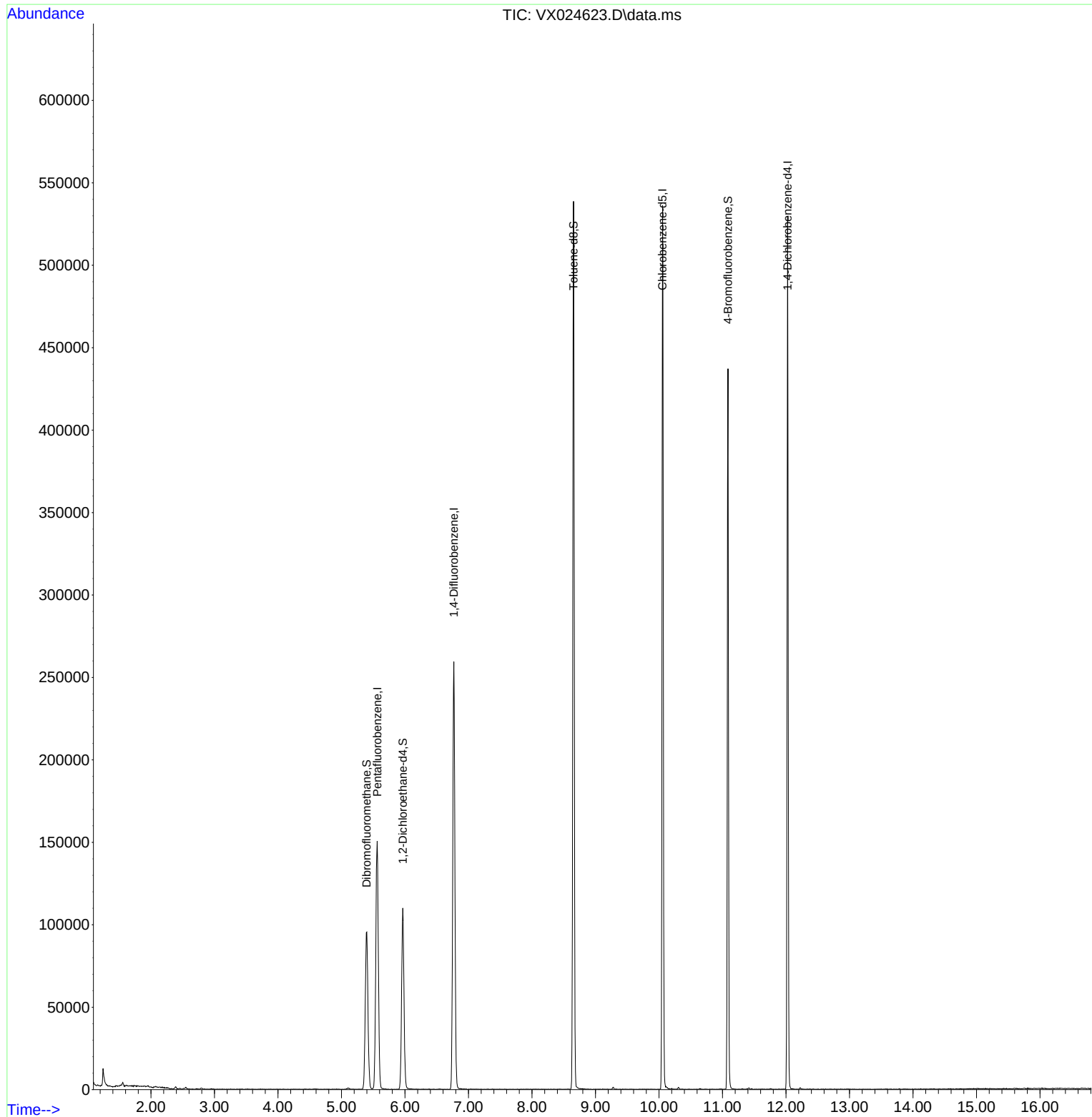
Target Compounds	Qvalue

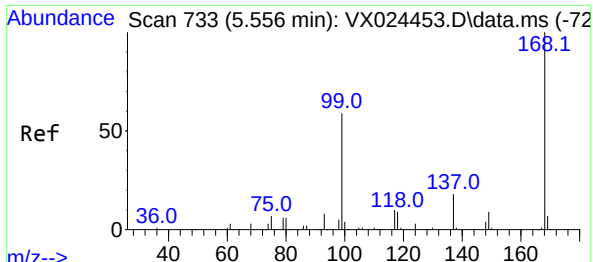
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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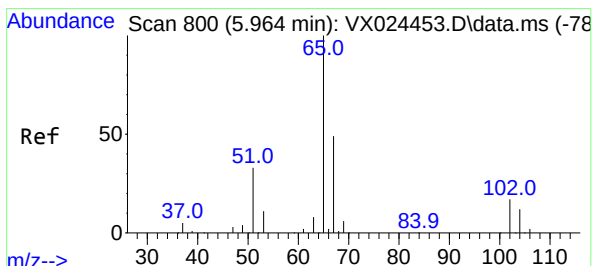
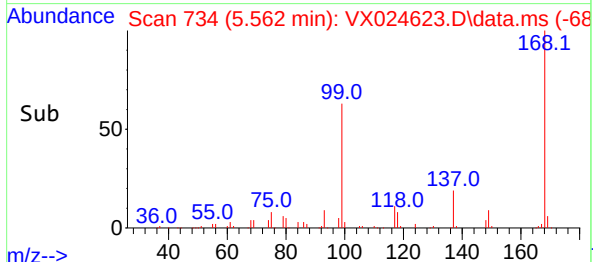
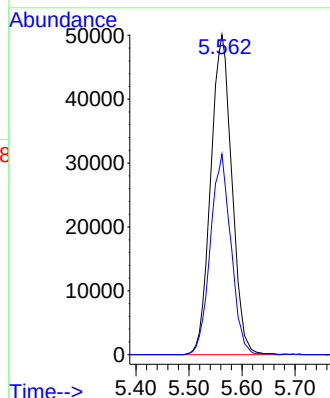
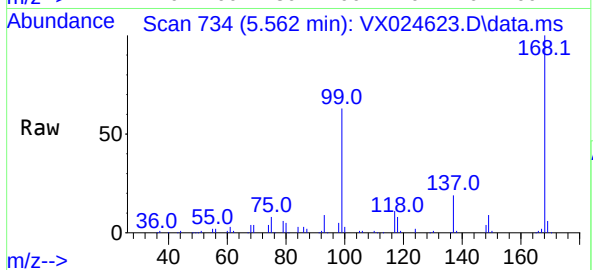




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

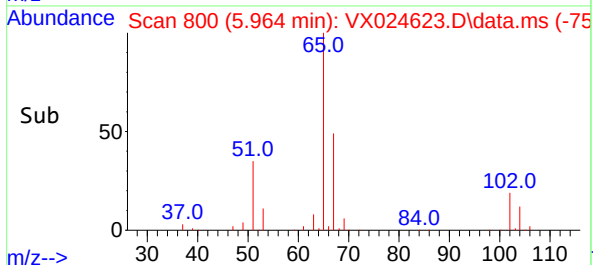
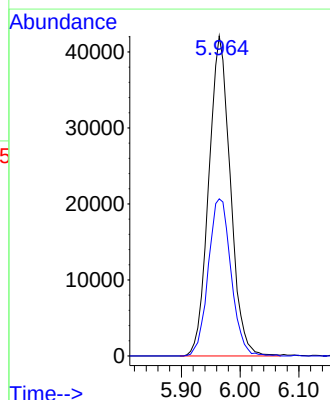
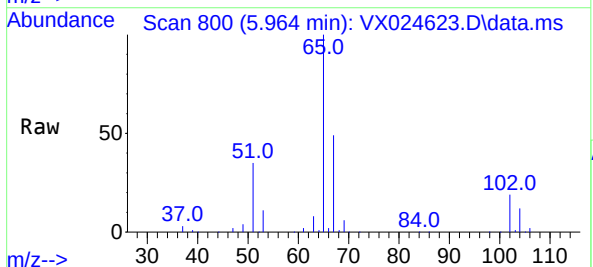
Instrument :
MSVOA_X
ClientSampled :
MW-1

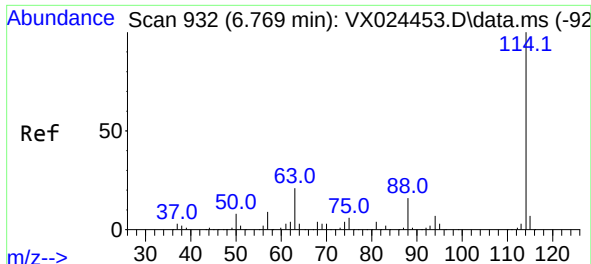
Tgt Ion:168 Resp: 138708
Ion Ratio Lower Upper
168 100
99 62.7 45.8 68.6



#33
1,2-Dichloroethane-d4
Concen: 55.009 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

Tgt Ion: 65 Resp: 107538
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4

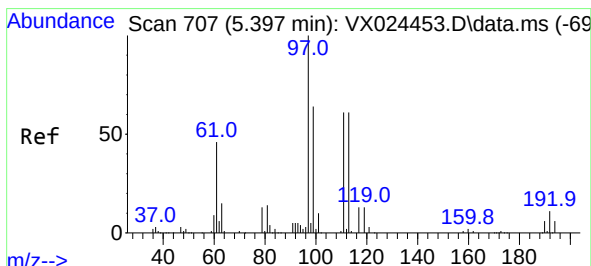
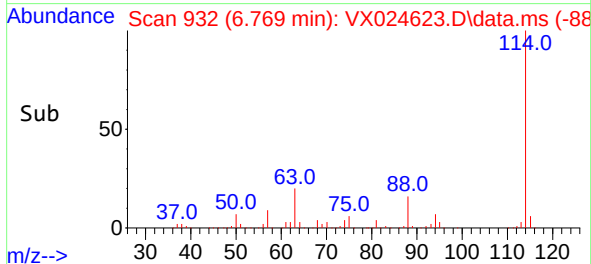
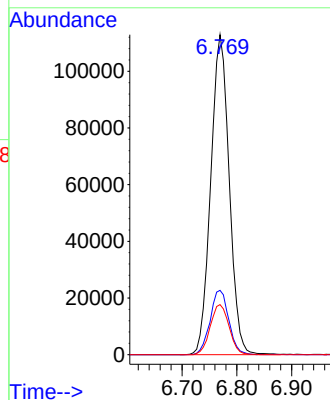
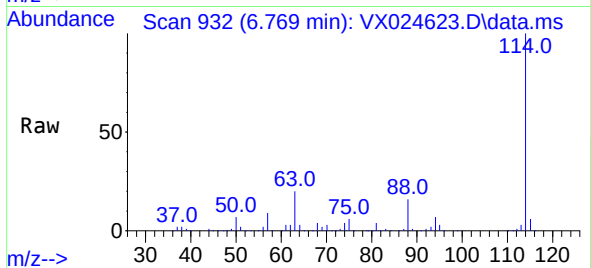




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

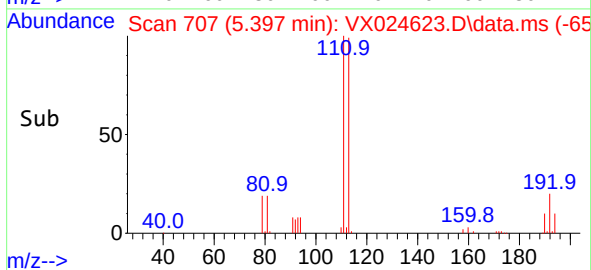
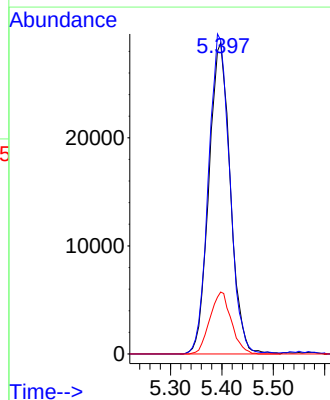
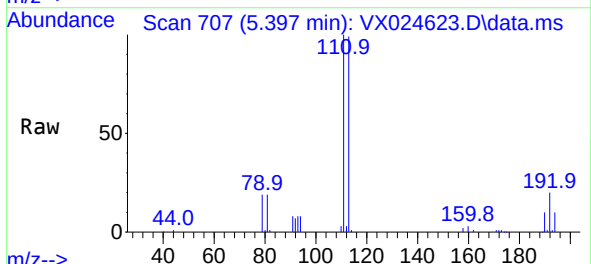
Instrument :
MSVOA_X
ClientSampled :
MW-1

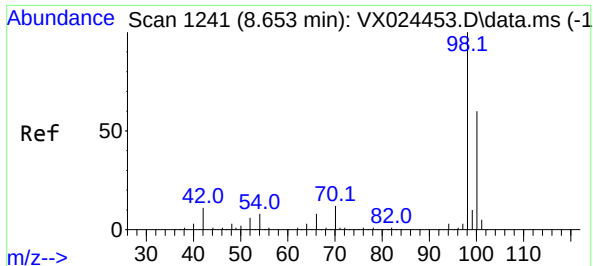
Tgt Ion:114 Resp: 263381
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.518 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

Tgt Ion:113 Resp: 83143
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 19.9 16.7 25.1

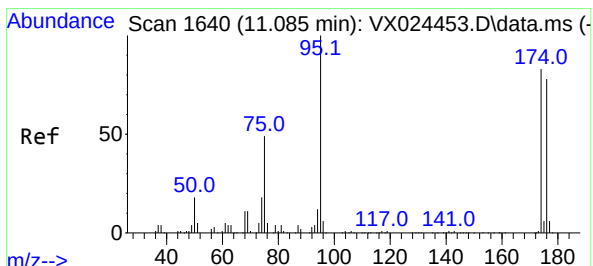
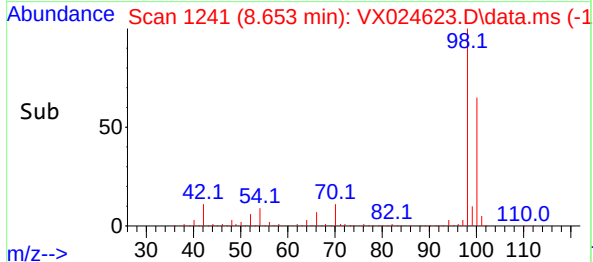
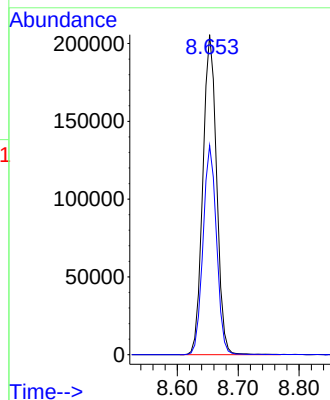
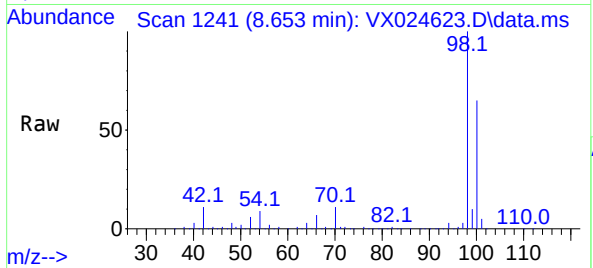




#50
Toluene-d8
Concen: 50.093 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

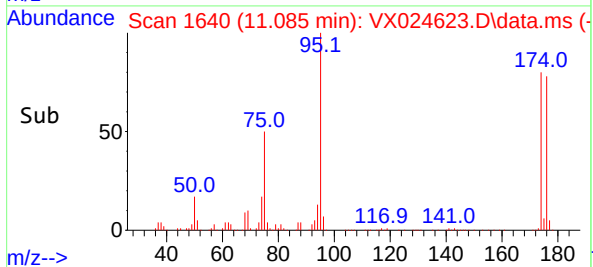
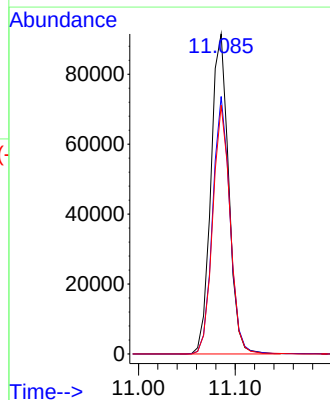
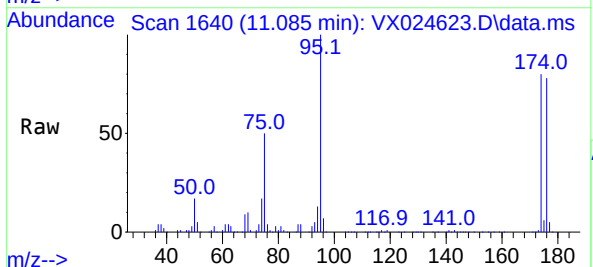
Instrument :
MSVOA_X
ClientSampled :
MW-1

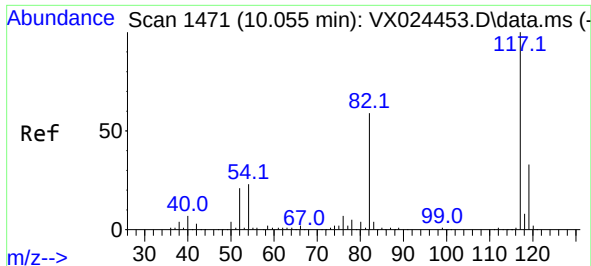
Tgt Ion: 98 Resp: 322591
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.106 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

Tgt Ion: 95 Resp: 116742
Ion Ratio Lower Upper
95 100
174 78.1 0.0 154.6
176 75.8 0.0 155.8

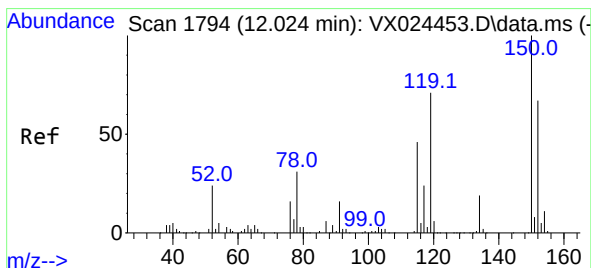
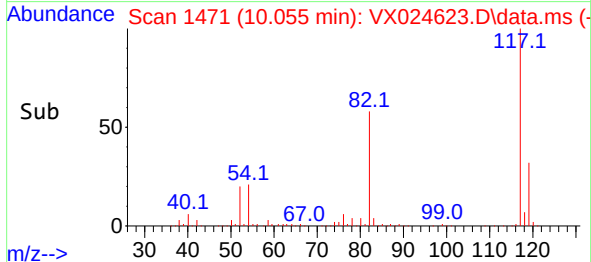
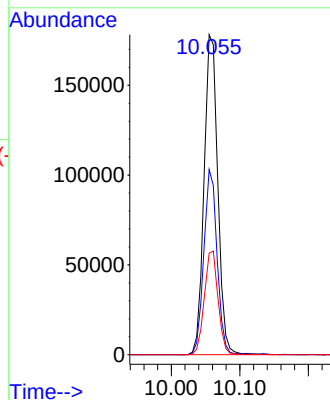
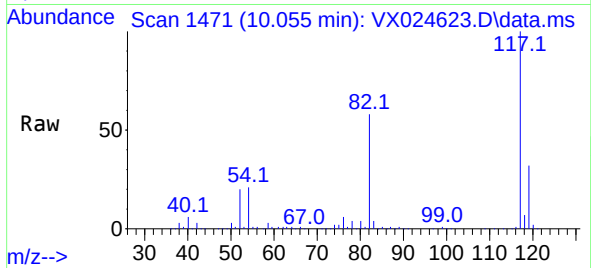




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

Instrument :
MSVOA_X
ClientSampled :
MW-1

Tgt Ion:117 Resp: 248768
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

Tgt Ion:152 Resp: 106659
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 156.7 0.0 349.0

