

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
 Data File : VD068959.D
 Acq On : 23 Apr 2021 11:12
 Operator : VA/SY
 Sample : VD0423SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0423SBL01

Quant Time: Apr 26 07:50:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	334096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	567373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	650718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	335198	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	138437	39.21	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.42%
35) Dibromofluoromethane	7.914	113	171573	46.49	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.98%
50) Toluene-d8	10.338	98	723089	51.94	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.88%
62) 4-Bromofluorobenzene	12.632	95	289523	62.62	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.24%

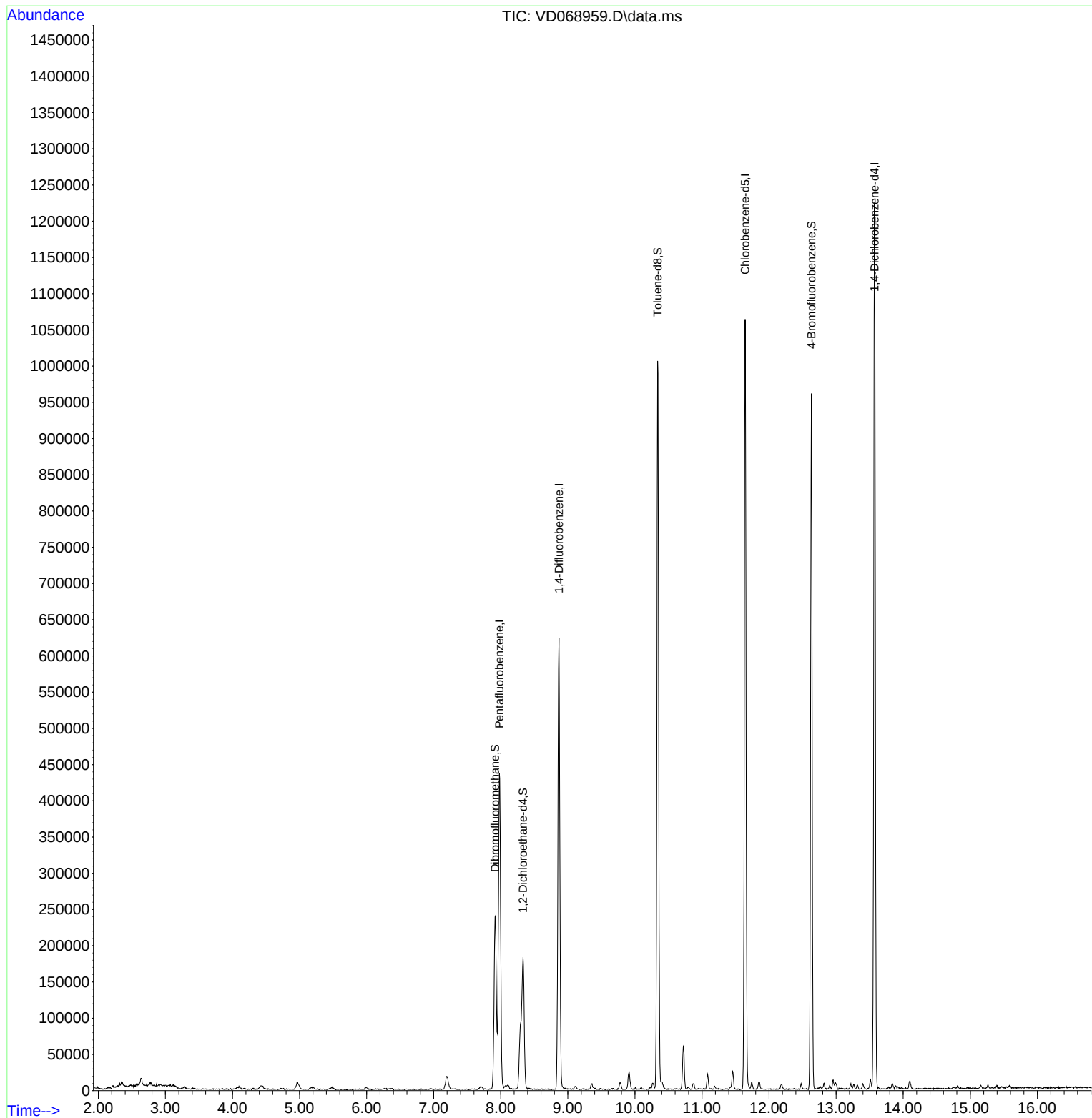
Target Compounds	Qvalue

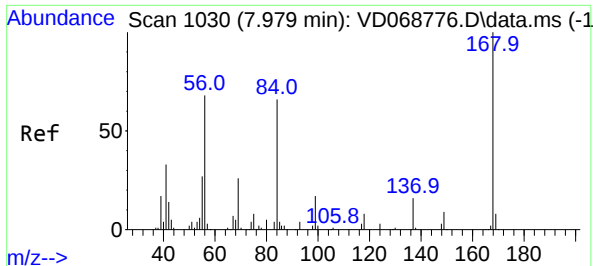
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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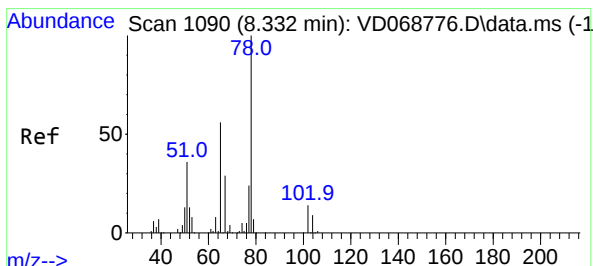
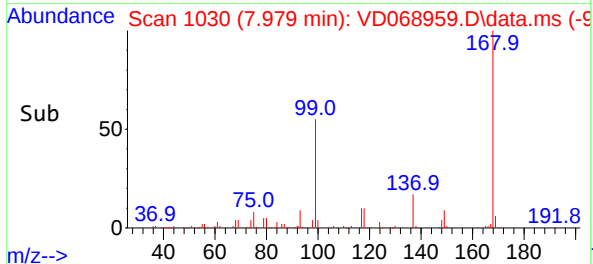
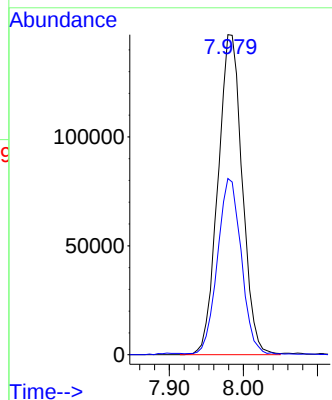
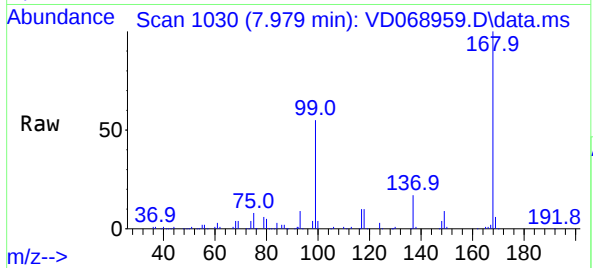




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068959.D
Acq: 23 Apr 2021 11:12

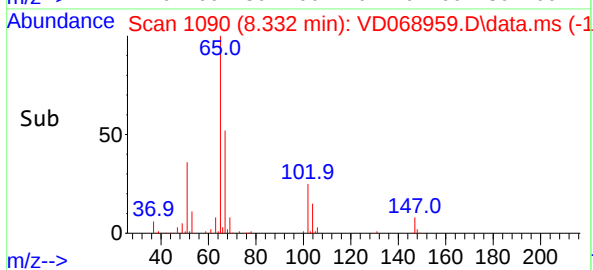
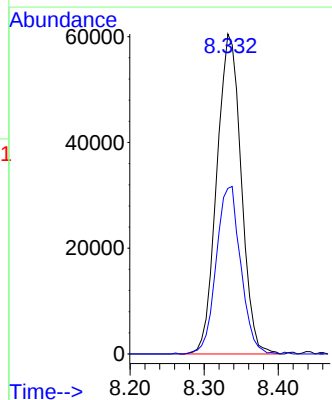
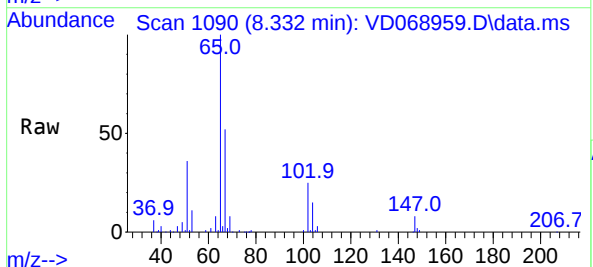
Instrument :
MSVOA_D
ClientSampleId :
VD0423SBL01

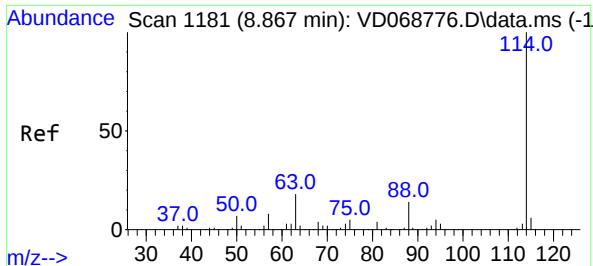
Tgt Ion:168 Resp: 334096
Ion Ratio Lower Upper
168 100
99 54.8 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 39.21 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068959.D
Acq: 23 Apr 2021 11:12

Tgt Ion: 65 Resp: 138437
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.0

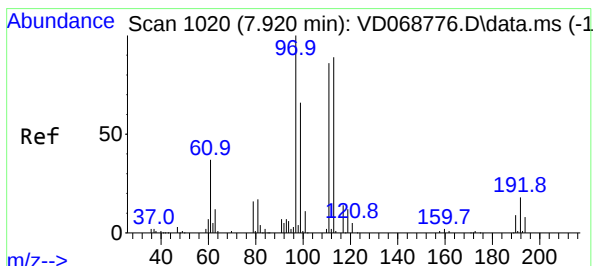
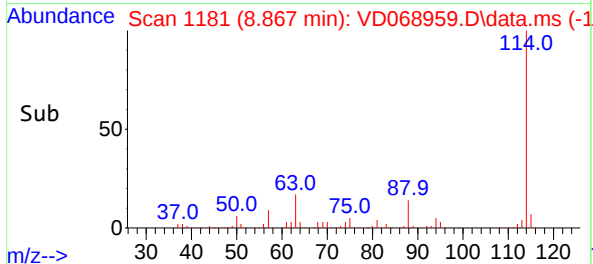
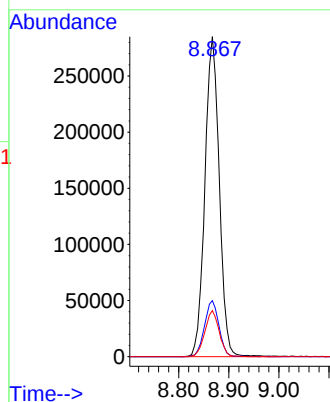
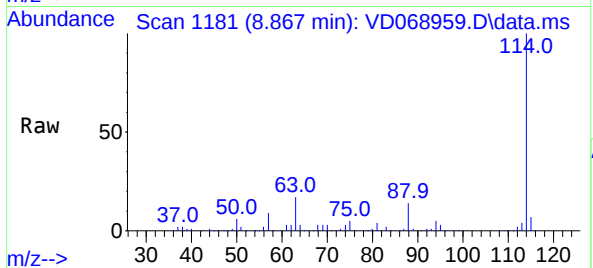




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068959.D
Acq: 23 Apr 2021 11:12

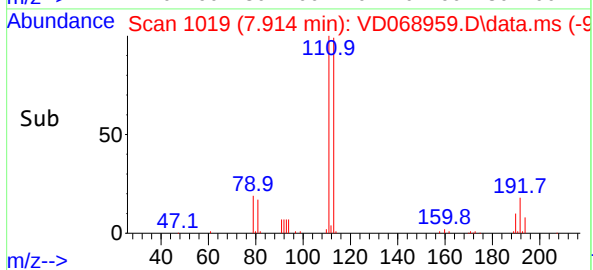
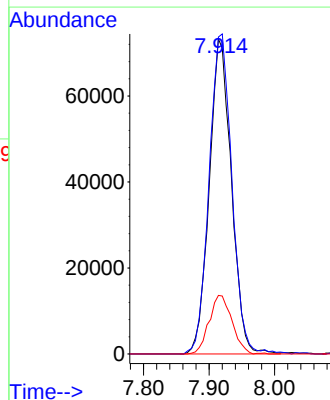
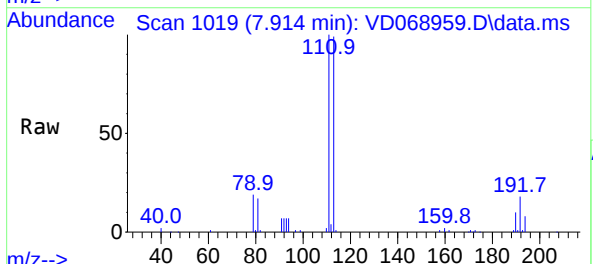
Instrument :
MSVOA_D
ClientSampleId :
VD0423SBL01

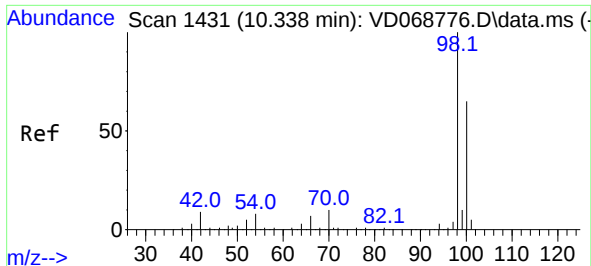
Tgt Ion:114 Resp: 567373
Ion Ratio Lower Upper
114 100
63 17.5 0.0 38.2
88 14.4 0.0 29.4



#35
Dibromofluoromethane
Concen: 46.49 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068959.D
Acq: 23 Apr 2021 11:12

Tgt Ion:113 Resp: 171573
Ion Ratio Lower Upper
113 100
111 104.5 82.5 123.7
192 19.2 15.1 22.7

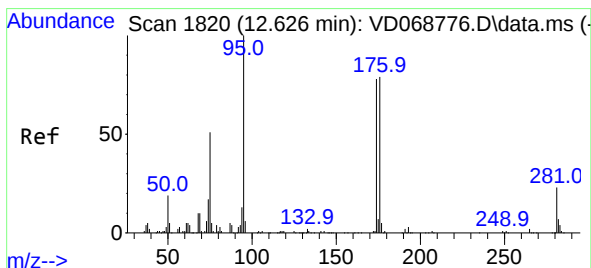
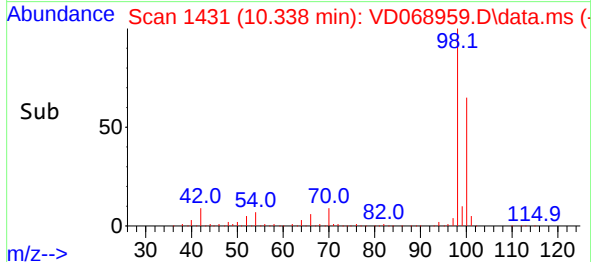
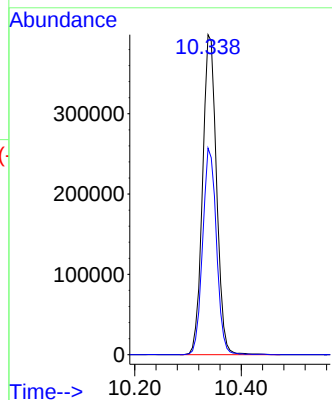
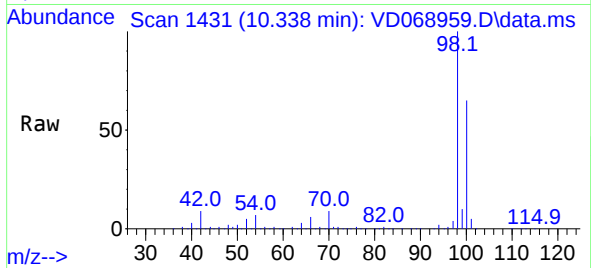




#50
Toluene-d8
Concen: 51.94 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068959.D
Acq: 23 Apr 2021 11:12

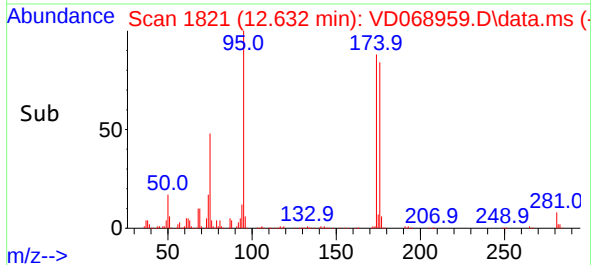
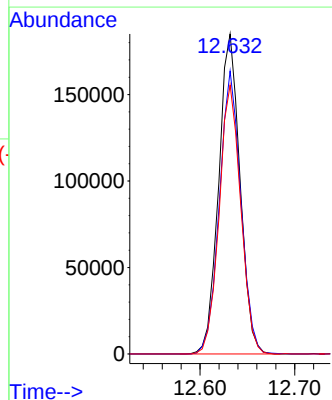
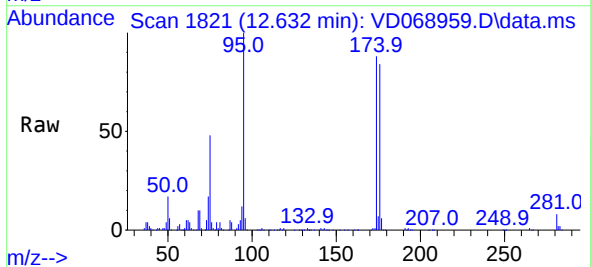
Instrument :
MSVOA_D
ClientSampleId :
VD0423SBL01

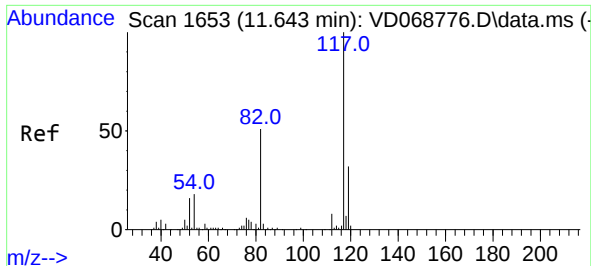
Tgt Ion: 98 Resp: 723089
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 62.62 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068959.D
Acq: 23 Apr 2021 11:12

Tgt Ion: 95 Resp: 289523
Ion Ratio Lower Upper
95 100
174 88.8 0.0 168.0
176 84.7 0.0 160.2

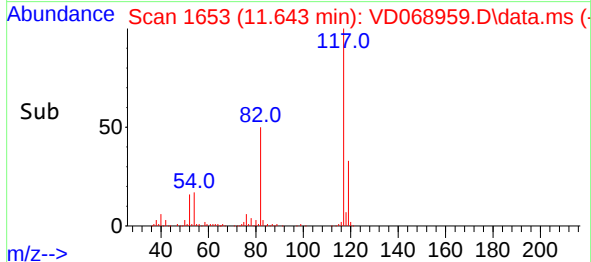
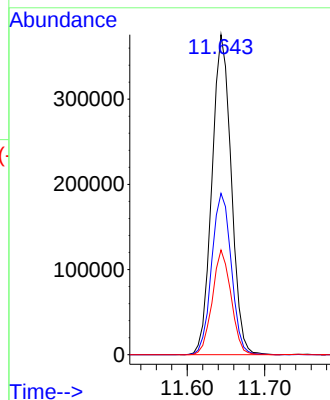
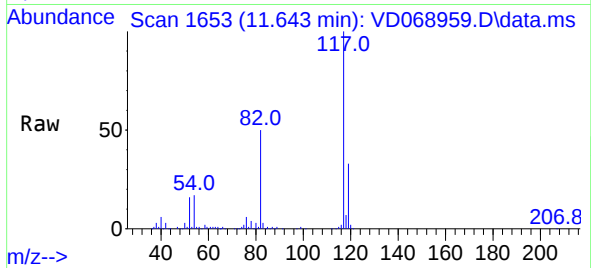




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068959.D
Acq: 23 Apr 2021 11:12

Instrument :
MSVOA_D
ClientSampleId :
VD0423SBL01

Tgt Ion:	117	Resp:	650718
Ion	Ratio	Lower	Upper
117	100		
82	50.4	43.5	65.3
119	32.7	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068959.D
Acq: 23 Apr 2021 11:12

Tgt Ion:	152	Resp:	335198
Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.3	87.8
150	156.5	0.0	347.6

