

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
 Data File : VD068782.D
 Acq On : 08 Apr 2021 11:47
 Operator : VA/SY
 Sample : VD0408SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0408SBL01

Quant Time: Apr 08 16:40:19 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	295439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	513810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	531430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	259023	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	141652	45.37	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.74%
35) Dibromofluoromethane	7.914	113	164772	49.30	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.60%
50) Toluene-d8	10.338	98	644673	51.13	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.26%
62) 4-Bromofluorobenzene	12.632	95	229116	54.72	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.44%

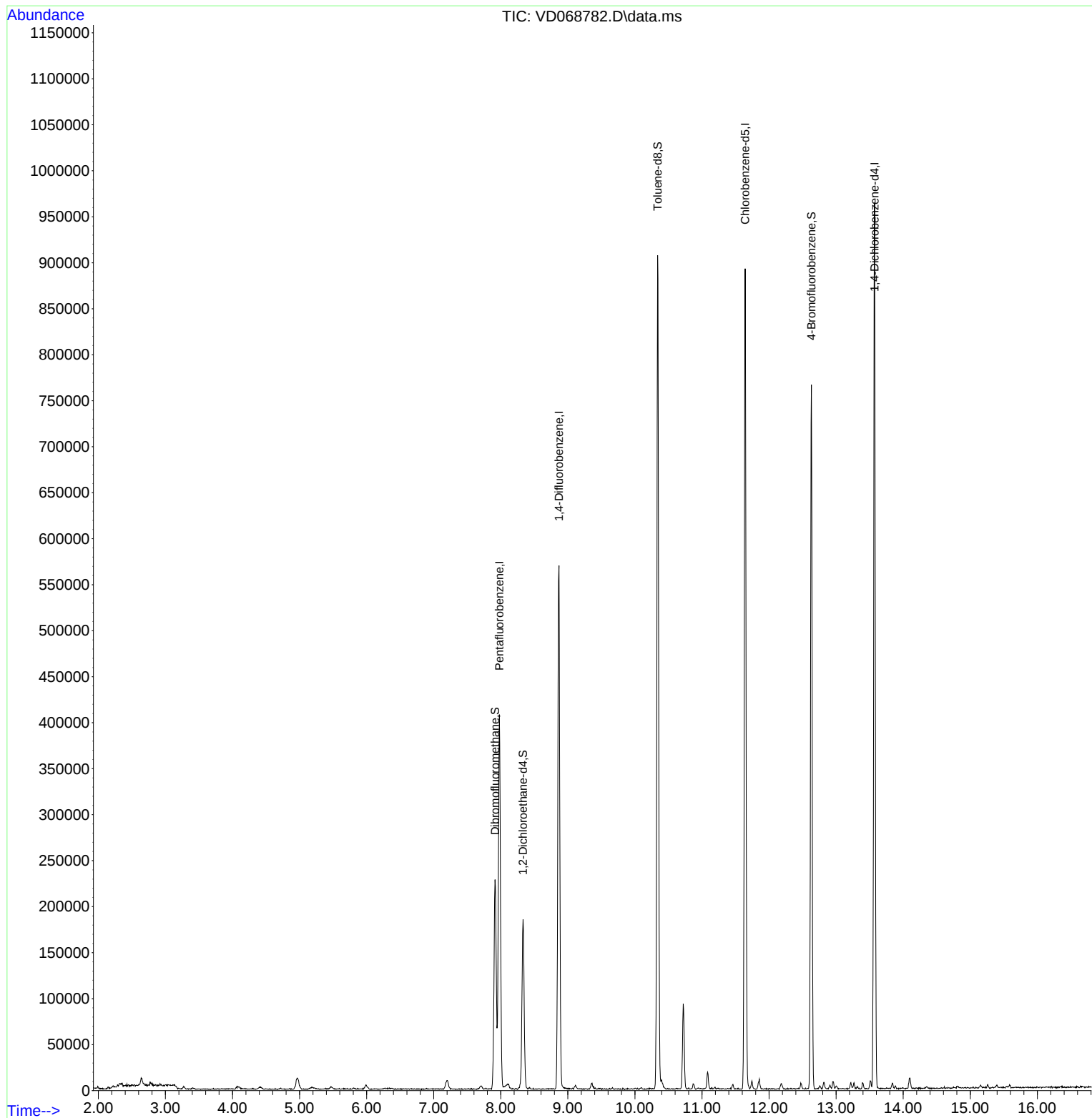
Target Compounds	Qvalue

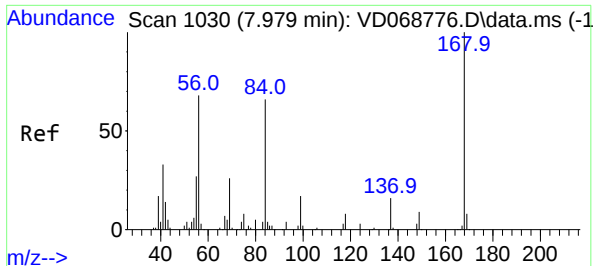
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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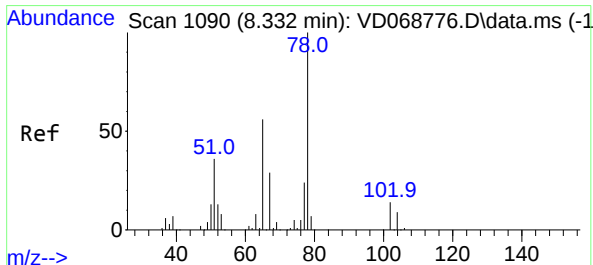
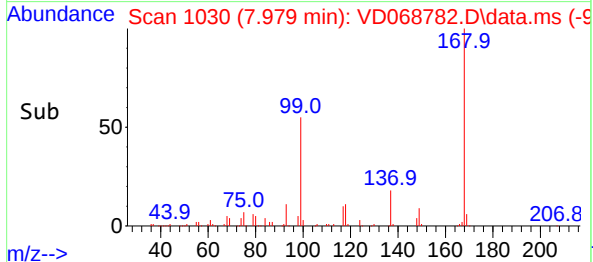
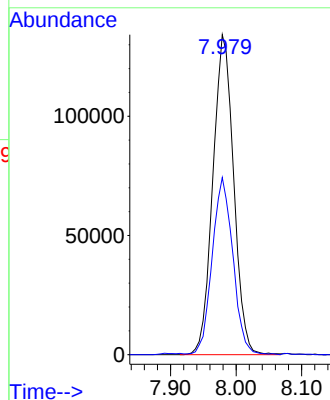
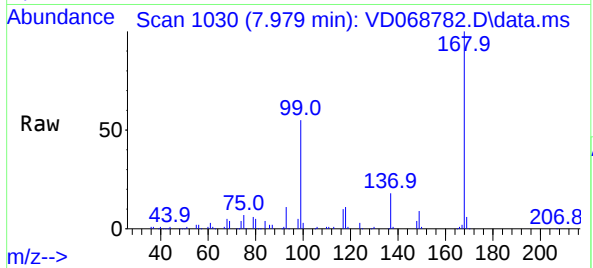




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068782.D
Acq: 08 Apr 2021 11:47

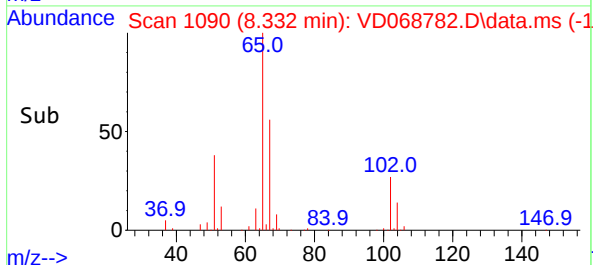
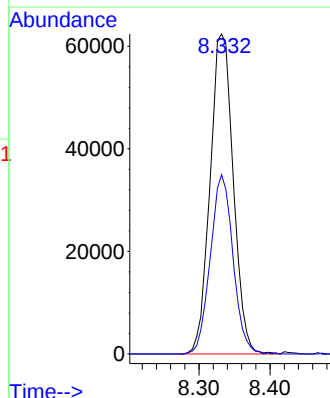
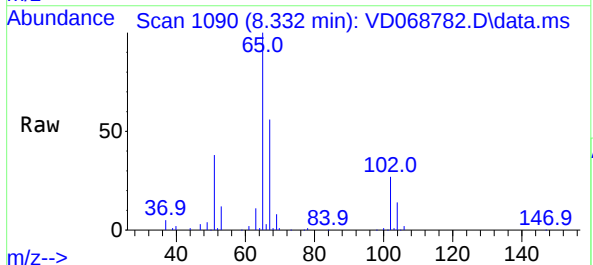
Instrument :
MSVOA_D
ClientSampleId :
VD0408SBL01

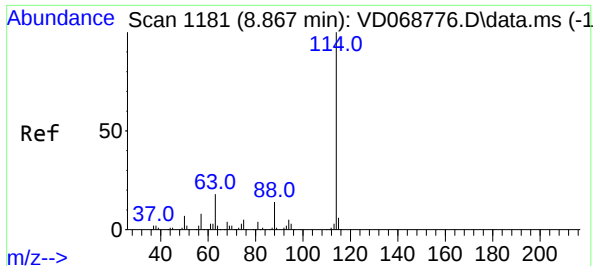
Tgt Ion:168 Resp: 295439
Ion Ratio Lower Upper
168 100
99 55.4 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 45.37 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068782.D
Acq: 08 Apr 2021 11:47

Tgt Ion: 65 Resp: 141652
Ion Ratio Lower Upper
65 100
67 54.6 0.0 106.0



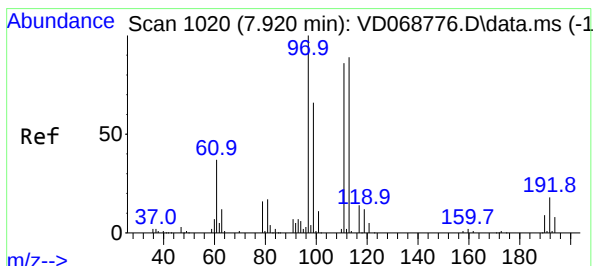
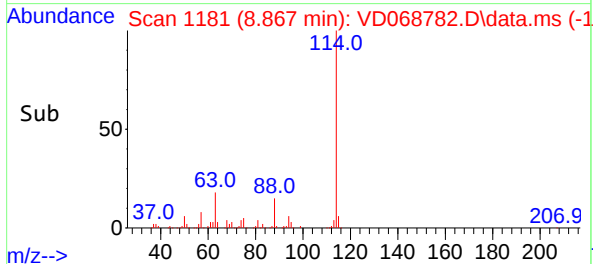
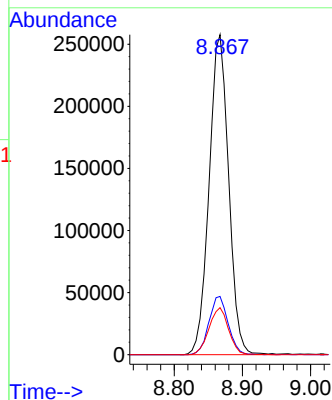
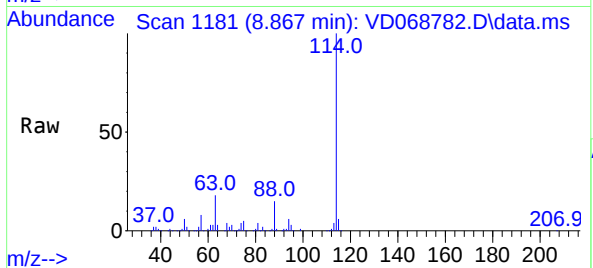


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068782.D
Acq: 08 Apr 2021 11:47

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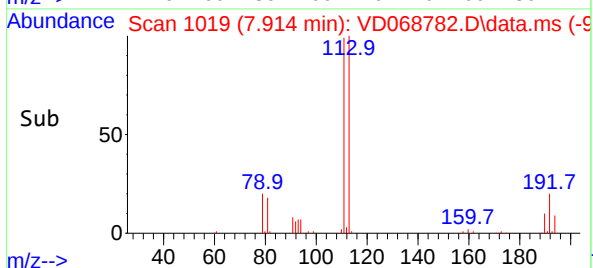
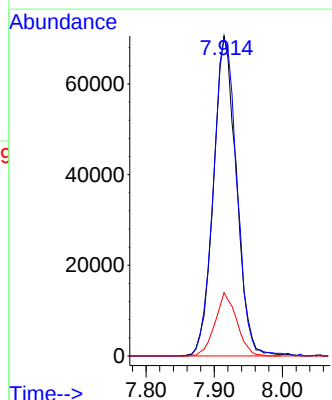
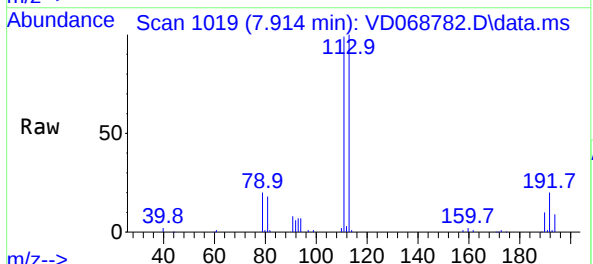
Tgt Ion:114 Resp: 513810
Ion Ratio Lower Upper
114 100
63 18.2 0.0 38.2
88 14.7 0.0 29.4

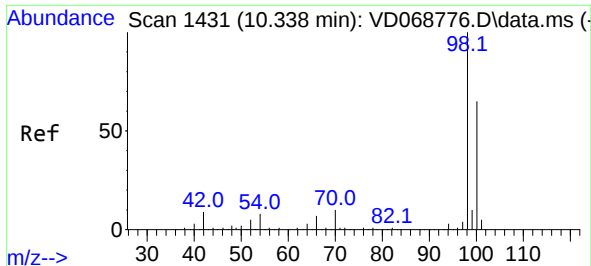


#35

Dibromofluoromethane
Concen: 49.30 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068782.D
Acq: 08 Apr 2021 11:47

Tgt Ion:113 Resp: 164772
Ion Ratio Lower Upper
113 100
111 102.2 82.5 123.7
192 18.8 15.1 22.7

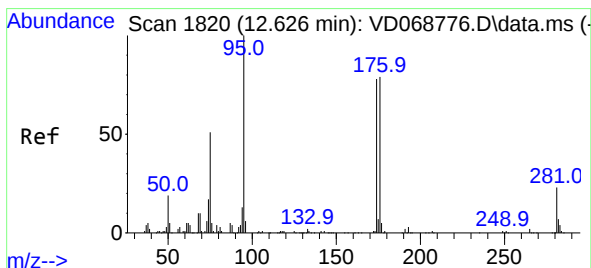
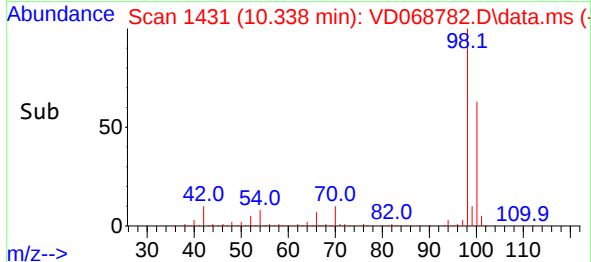
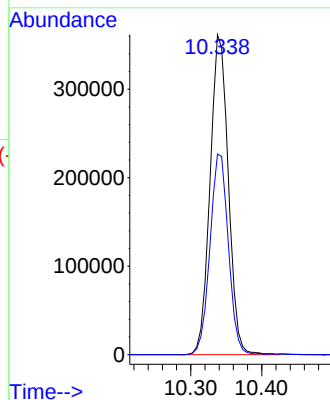
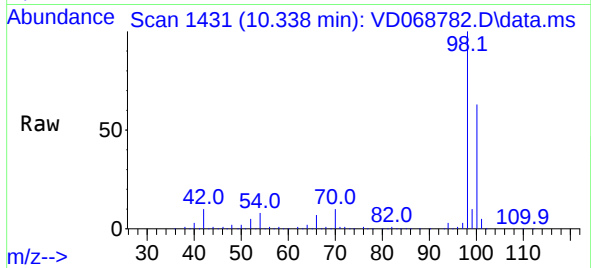




#50
Toluene-d8
Concen: 51.13 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068782.D
Acq: 08 Apr 2021 11:47

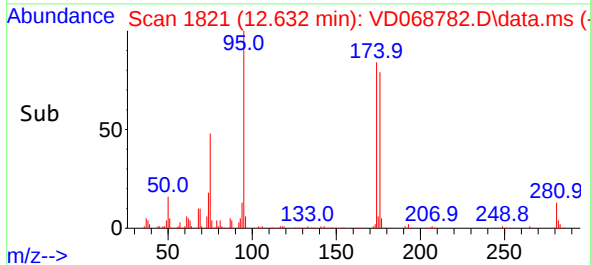
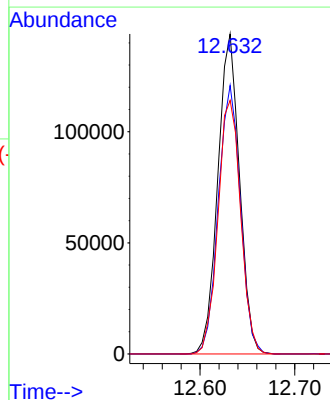
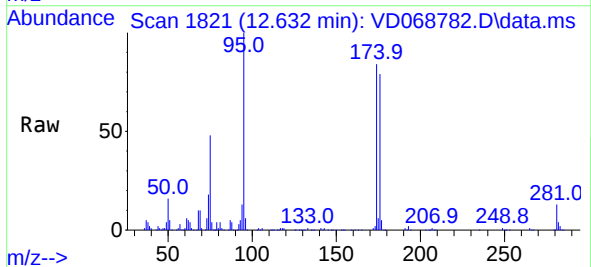
Instrument :
MSVOA_D
ClientSampleId :
VD0408SBL01

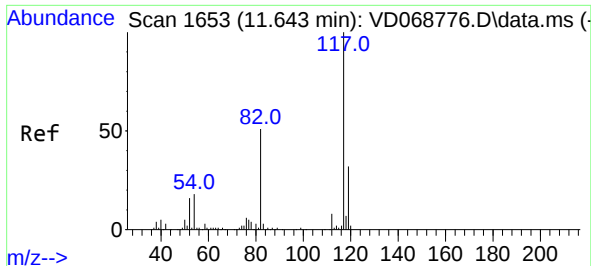
Tgt Ion: 98 Resp: 644673
Ion Ratio Lower Upper
98 100
100 63.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.72 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068782.D
Acq: 08 Apr 2021 11:47

Tgt Ion: 95 Resp: 229116
Ion Ratio Lower Upper
95 100
174 85.4 0.0 168.0
176 82.8 0.0 160.2

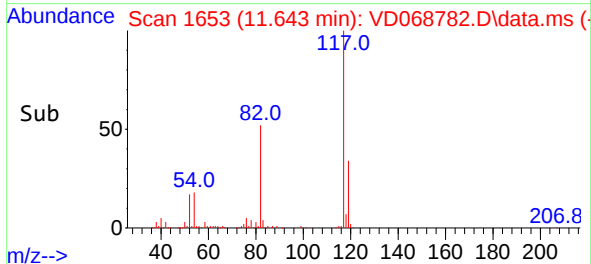
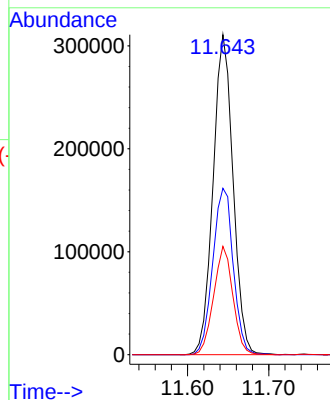
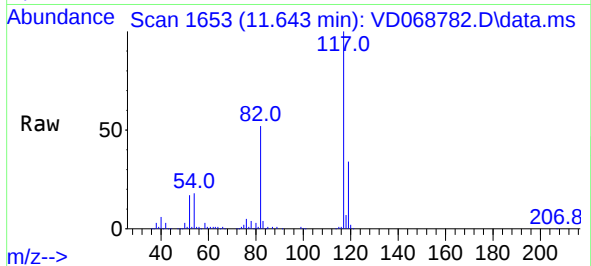




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068782.D
Acq: 08 Apr 2021 11:47

Instrument :
MSVOA_D
ClientSampleId :
VD0408SBL01

Tgt Ion:	117	Resp:	531430
Ion	Ratio	Lower	Upper
117	100		
82	52.0	43.5	65.3
119	33.8	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: VD068782.D
Acq: 08 Apr 2021 11:47

Tgt Ion:	152	Resp:	259023
Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.3	87.8
150	156.9	0.0	347.6

