

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021921\
 Data File : VD068399.D
 Acq On : 19 Feb 2021 14:44
 Operator : VA/SY
 Sample : M1450-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-TT-VPB-RW6-GW-578-580

Quant Time: Feb 19 23:30:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	311719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	601530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	545538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	215117	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	190318	59.72	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.44%
35) Dibromofluoromethane	7.914	113	186500	52.23	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.46%
50) Toluene-d8	10.344	98	756953	51.15	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.30%
62) 4-Bromofluorobenzene	12.632	95	230220	47.76	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.52%

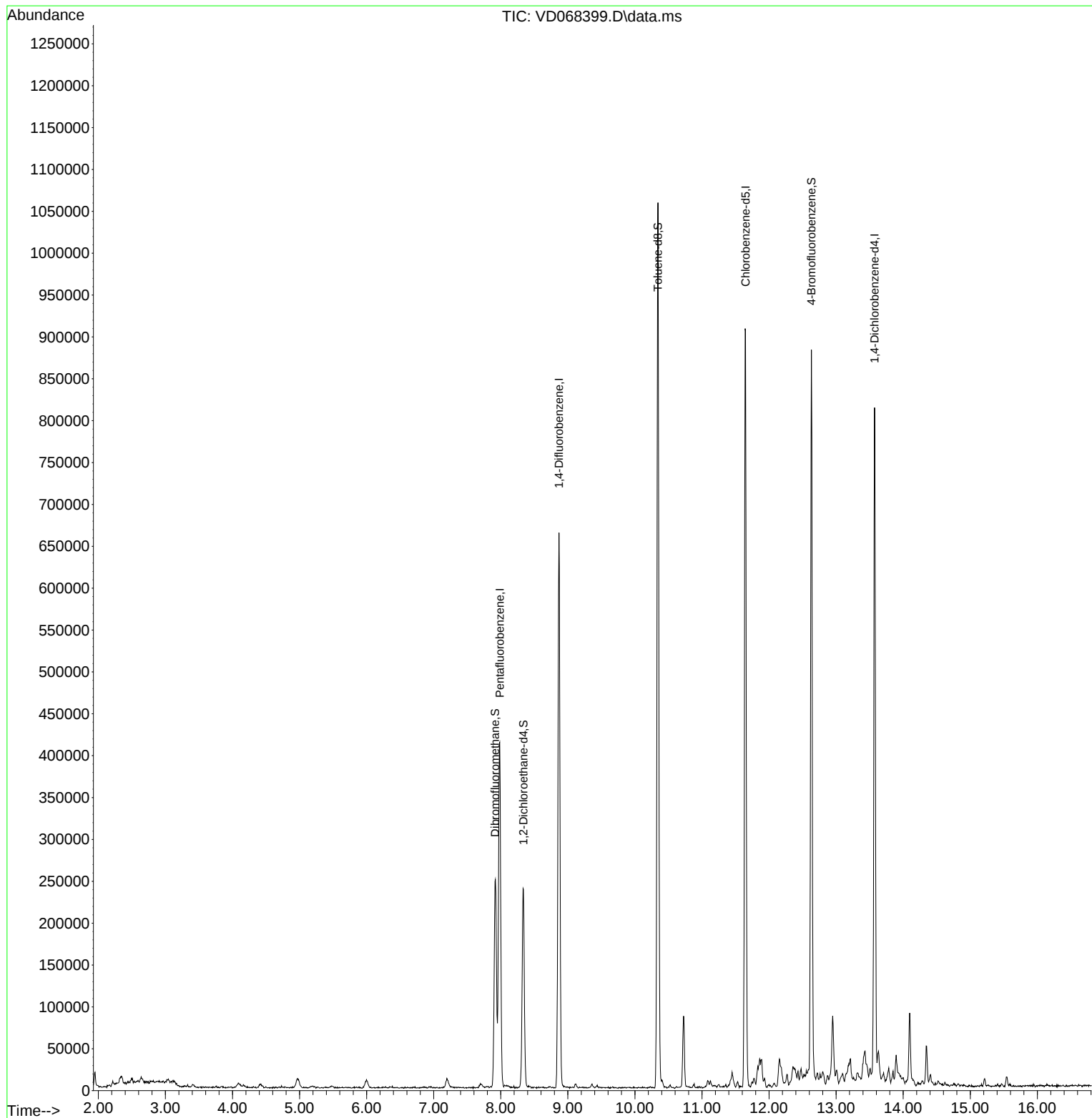
Target Compounds	Qvalue

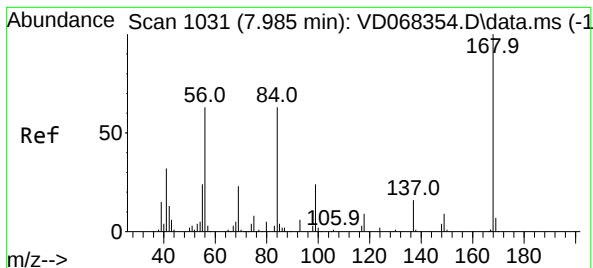
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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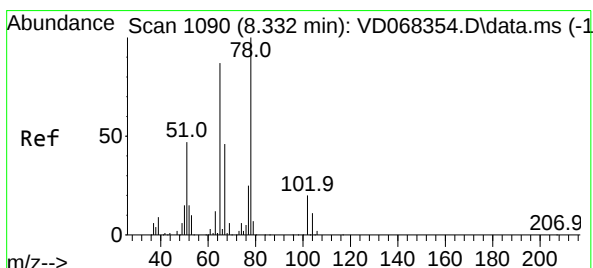
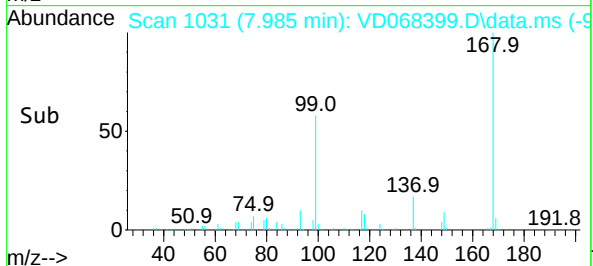
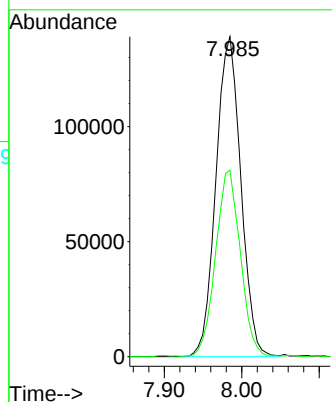
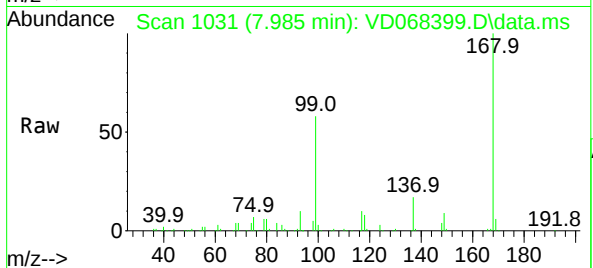




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068399.D
Acq: 19 Feb 2021 14:44

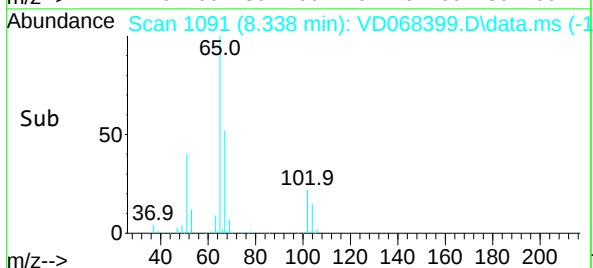
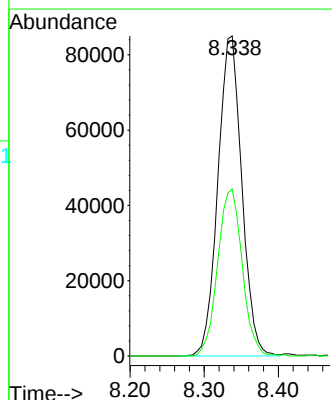
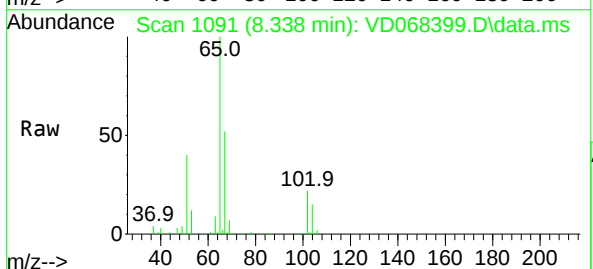
Instrument :
MSVOA_D
ClientSampleId :
BP-TT-VPB-RW6-GW-578-580

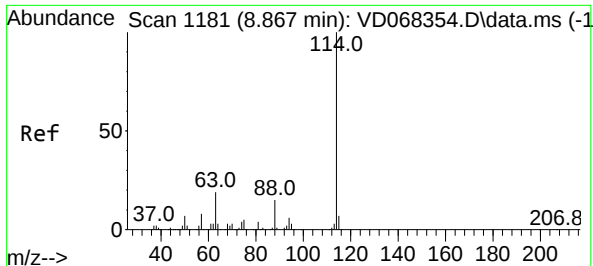
Tgt Ion:168 Resp: 311719
Ion Ratio Lower Upper
168 100
99 58.2 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 59.72 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068399.D
Acq: 19 Feb 2021 14:44

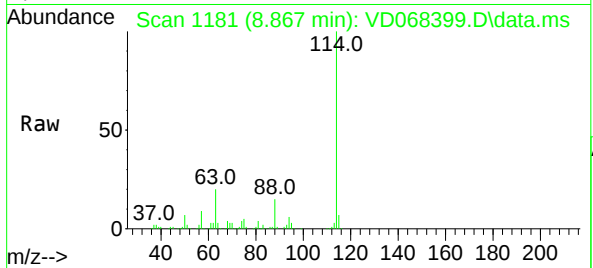
Tgt Ion: 65 Resp: 190318
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.0



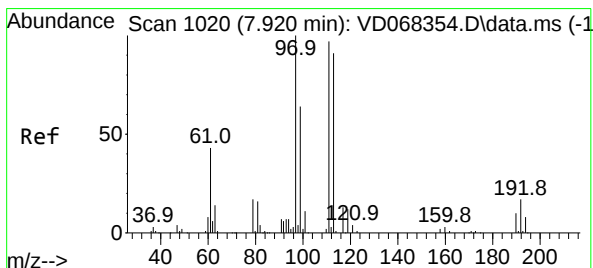
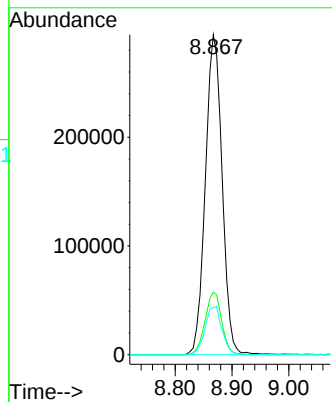
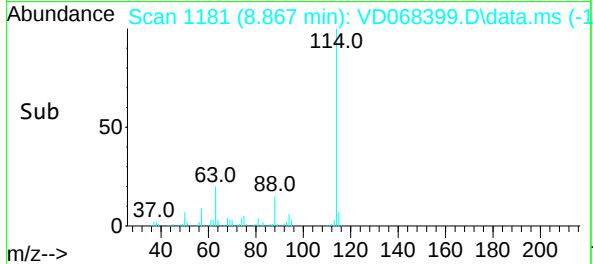


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068399.D
Acq: 19 Feb 2021 14:44

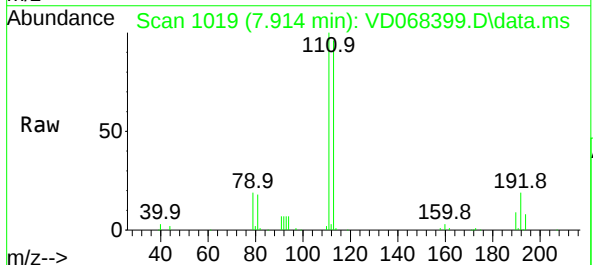
Instrument :
MSVOA_D
ClientSampleId :
BP-TT-VPB-RW6-GW-578-580



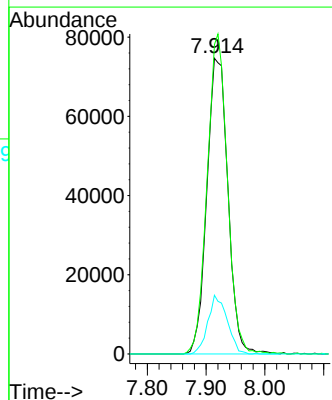
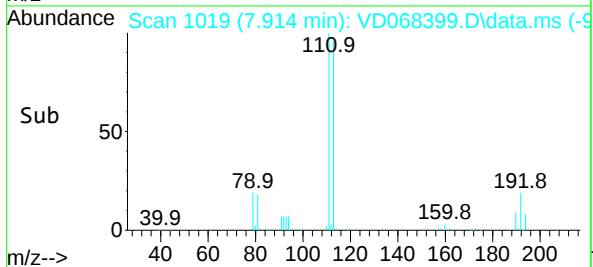
Tgt Ion:114 Resp: 601530
Ion Ratio Lower Upper
114 100
63 19.6 0.0 34.8
88 14.7 0.0 31.6

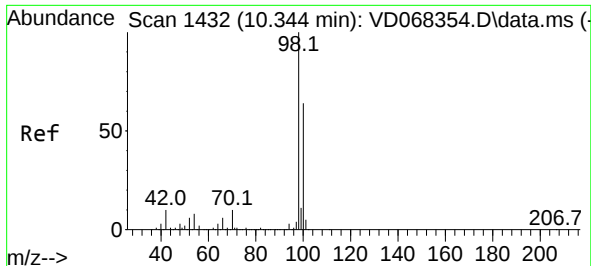


#35
Dibromofluoromethane
Concen: 52.23 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068399.D
Acq: 19 Feb 2021 14:44



Tgt Ion:113 Resp: 186500
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 18.1 16.1 24.1

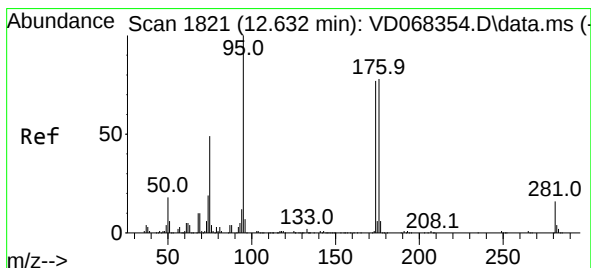
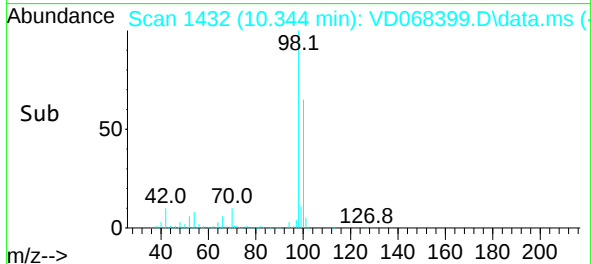
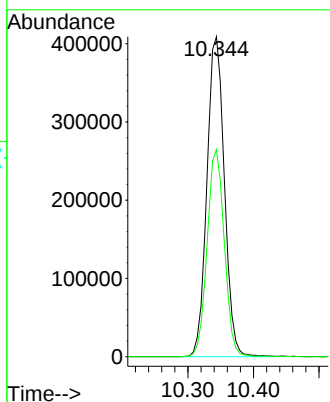
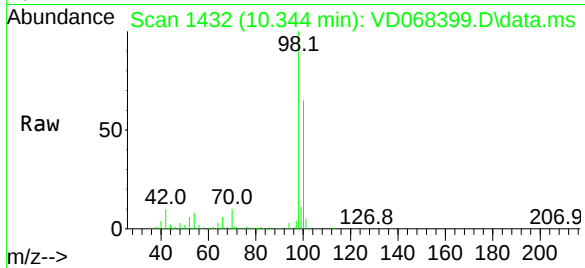




#50
Toluene-d8
Concen: 51.15 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068399.D
Acq: 19 Feb 2021 14:44

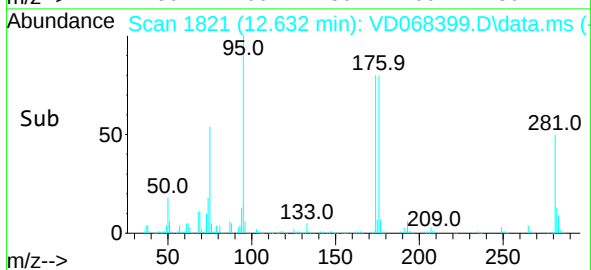
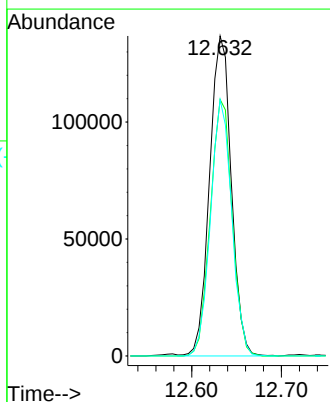
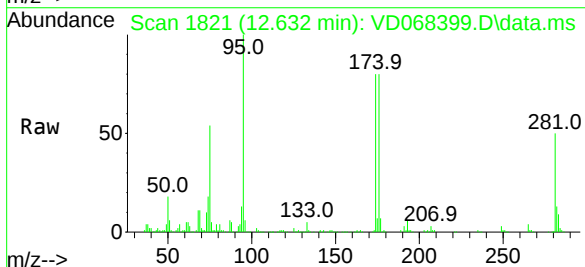
Instrument :
MSVOA_D
ClientSampleId :
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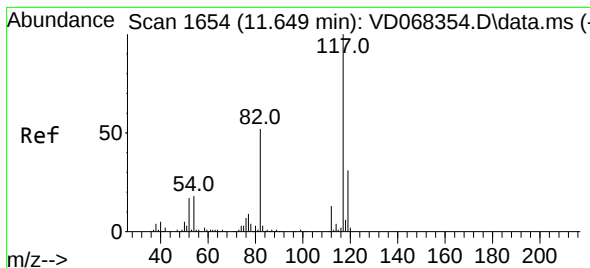
Tgt Ion: 98 Resp: 756953
Ion Ratio Lower Upper
98 100
100 63.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 47.76 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068399.D
Acq: 19 Feb 2021 14:44

Tgt Ion: 95 Resp: 230220
Ion Ratio Lower Upper
95 100
174 80.3 0.0 172.4
176 78.0 0.0 168.4

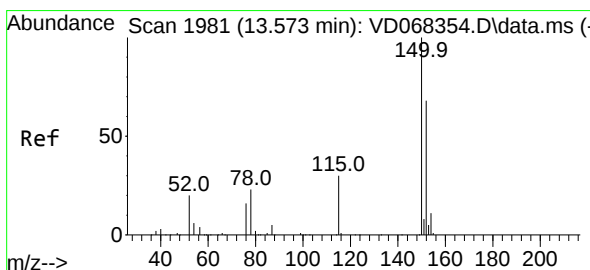
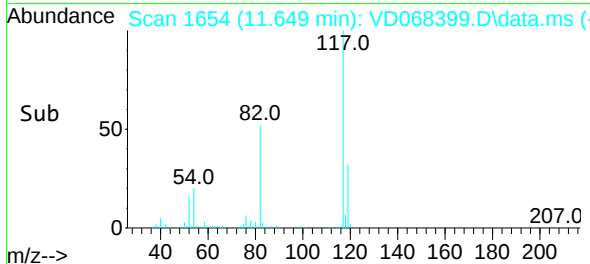
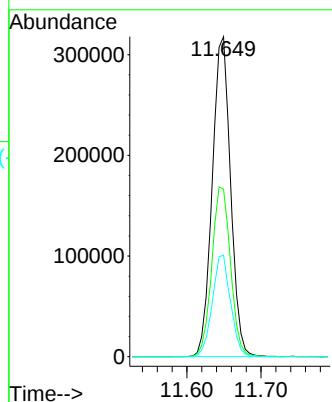
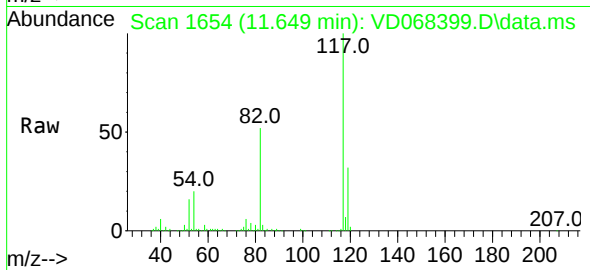




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068399.D
Acq: 19 Feb 2021 14:44

Instrument :
MSVOA_D
ClientSampleId :
BP-TT-VPB-RW6-GW-578-580

Tgt Ion:	117	Resp:	545538
Ion Ratio	Lower	Upper	
117	100		
82	52.3	41.4	62.0
119	31.7	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068399.D
Acq: 19 Feb 2021 14:44

Tgt Ion:	152	Resp:	215117
Ion Ratio	Lower	Upper	
152	100		
115	60.2	28.9	86.8
150	157.4	0.0	344.4

