

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012121\
 Data File : VD068138.D
 Acq On : 21 Jan 2021 17:41
 Operator : VA/SY
 Sample : M1177-03
 Misc : 5.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PILE-2-(0.5-1.0)

Quant Time: Jan 22 00:11:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	583214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	979994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	913170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	399087	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	270418	48.47	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.94%
35) Dibromofluoromethane	7.920	113	276161	50.97	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.94%
50) Toluene-d8	10.344	98	1209448	55.81	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.62%
62) 4-Bromofluorobenzene	12.632	95	420347	53.86	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.72%

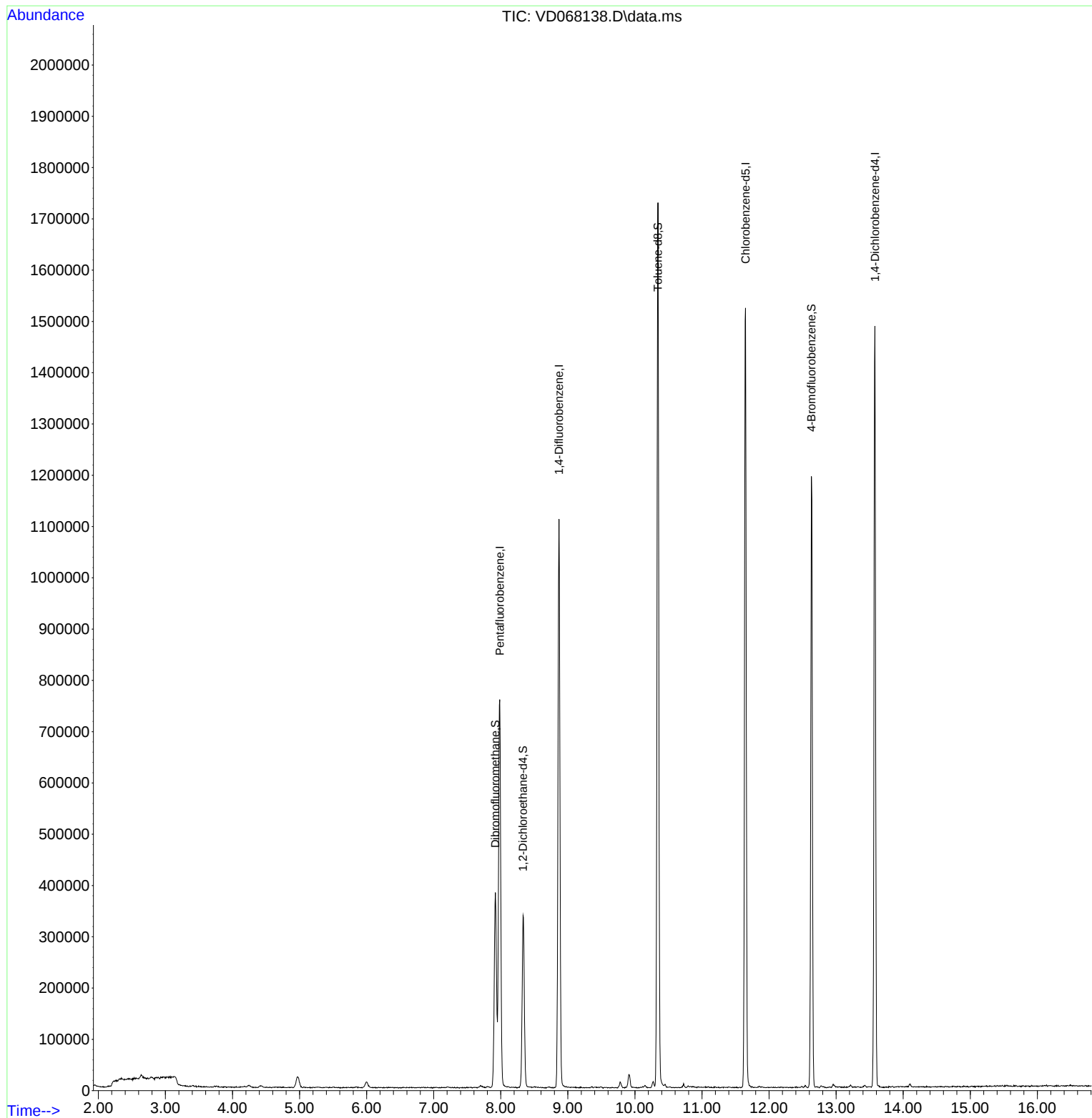
Target Compounds	Qvalue

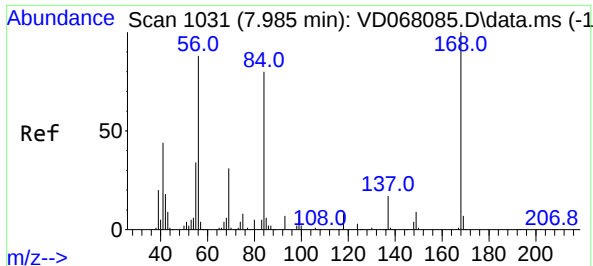
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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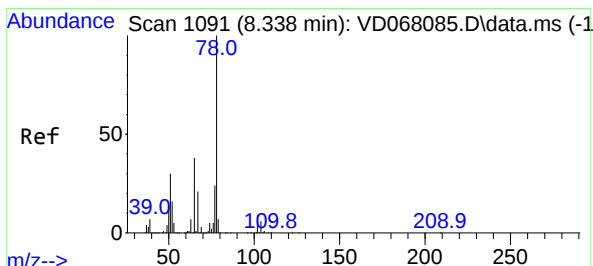
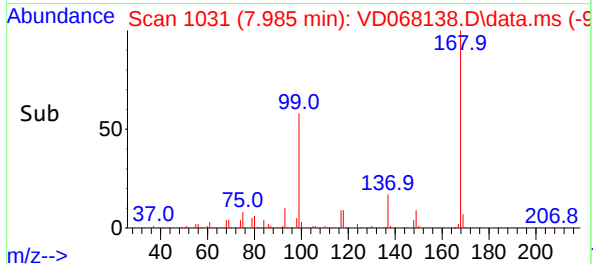
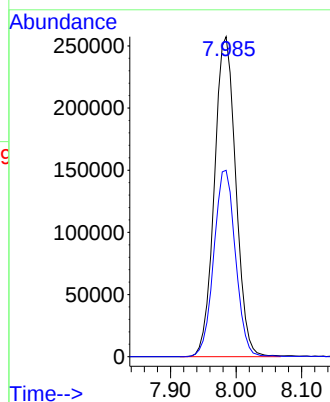
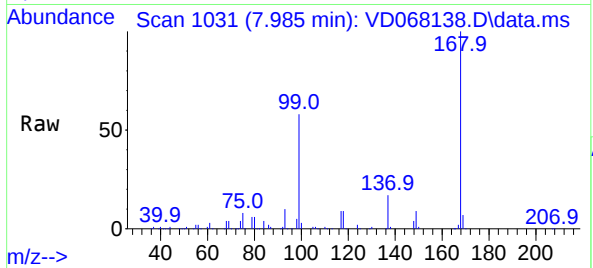




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068138.D
Acq: 21 Jan 2021 17:41

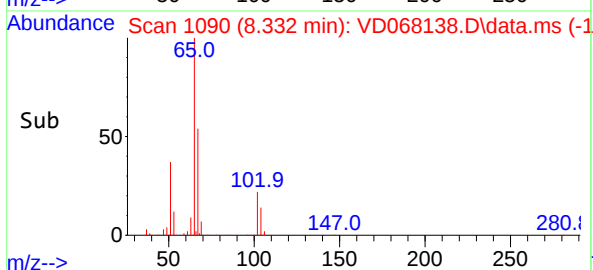
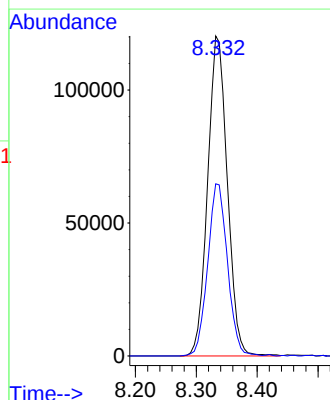
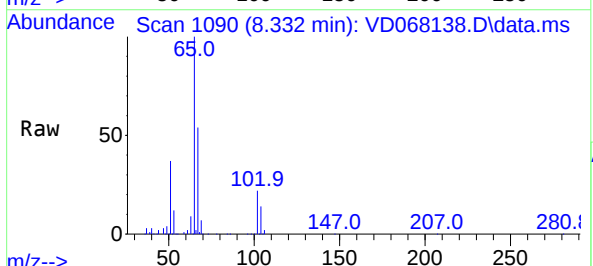
Instrument :
MSVOA_D
ClientSampleId :
PILE-2-(0.5-1.0)

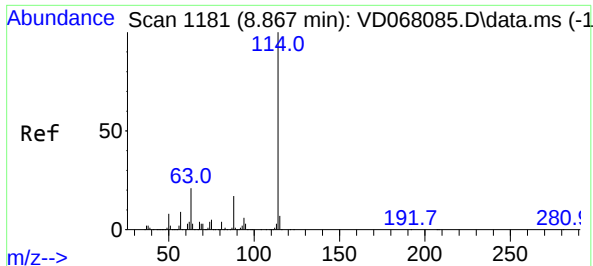
Tgt Ion:168 Resp: 583214
Ion Ratio Lower Upper
168 100
99 58.3 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 48.47 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068138.D
Acq: 21 Jan 2021 17:41

Tgt Ion: 65 Resp: 270418
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.0



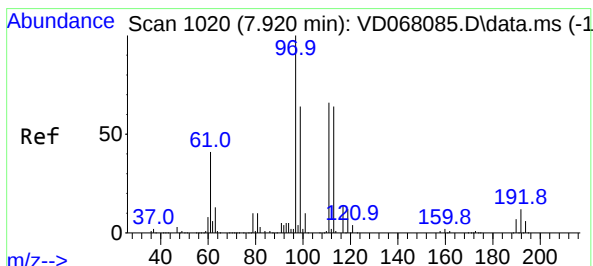
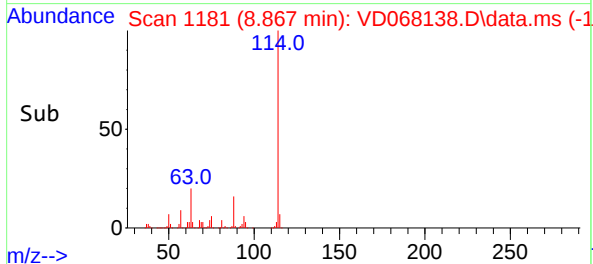
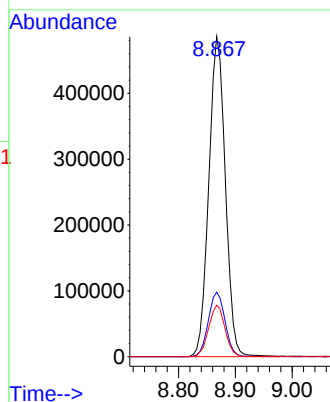
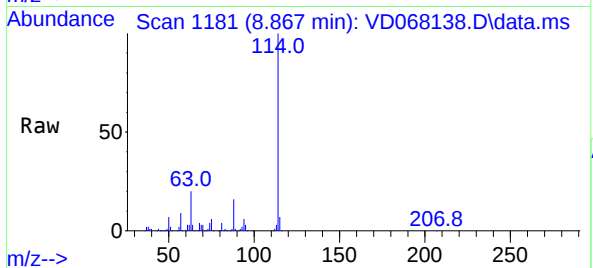


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068138.D
Acq: 21 Jan 2021 17:41

Instrument :
MSVOA_D
ClientSampleId :
PILE-2-(0.5-1.0)

Tgt Ion:114 Resp: 979994

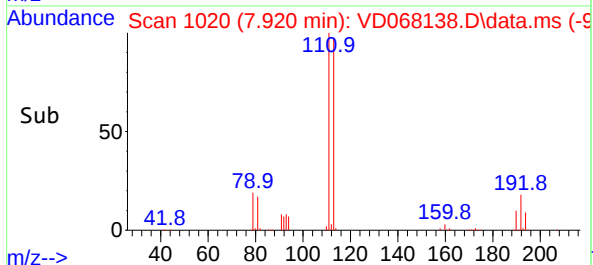
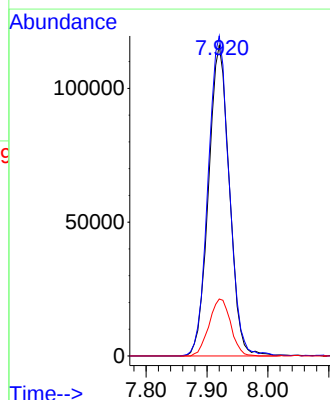
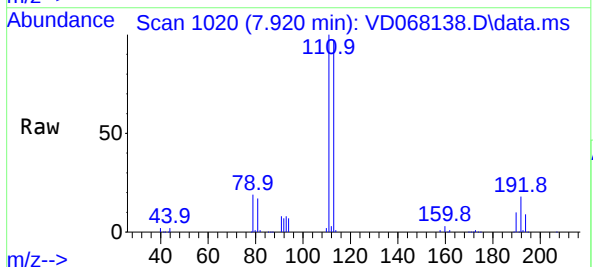
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	34.8
88	16.1	0.0	31.6

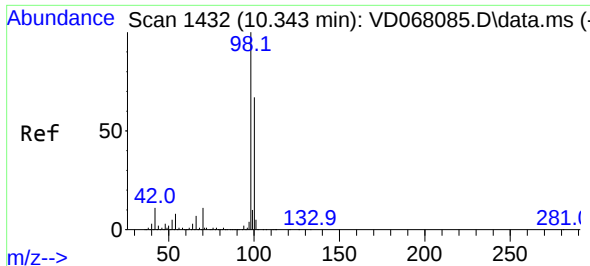


#35
Dibromofluoromethane
Concen: 50.97 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068138.D
Acq: 21 Jan 2021 17:41

Tgt Ion:113 Resp: 276161

Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.4	122.0
192	18.9	16.1	24.1

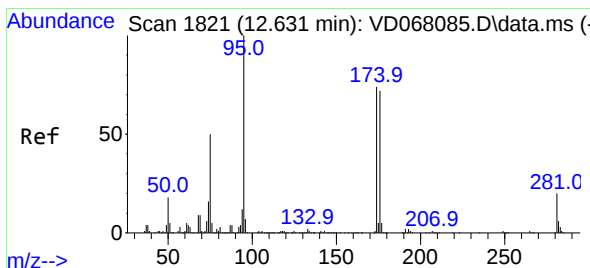
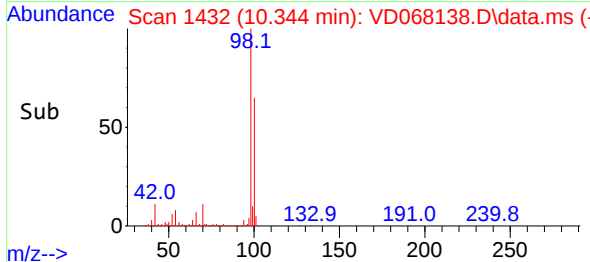
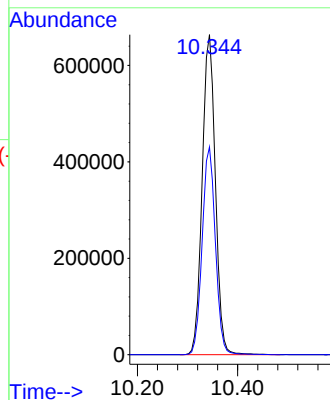
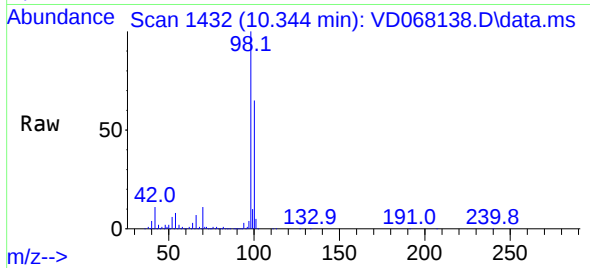




#50
Toluene-d8
Concen: 55.81 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068138.D
Acq: 21 Jan 2021 17:41

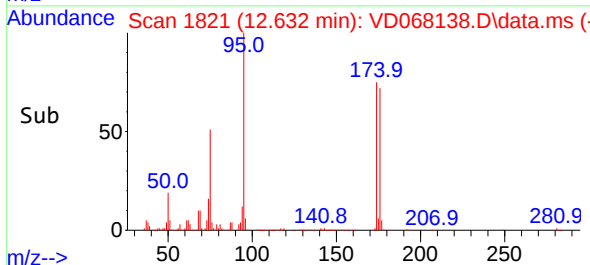
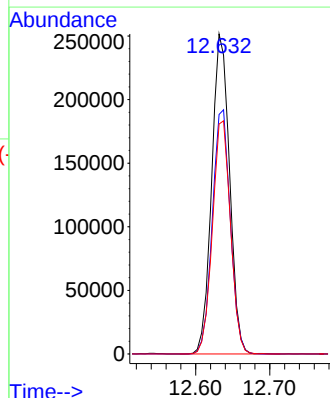
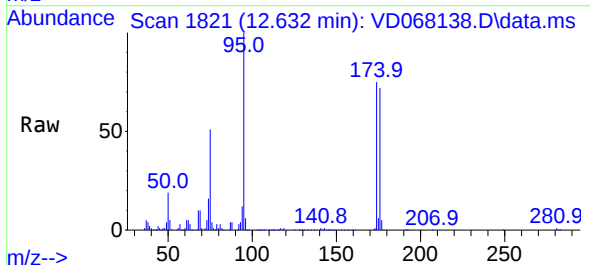
Instrument :
MSVOA_D
ClientSampleId :
PILE-2-(0.5-1.0)

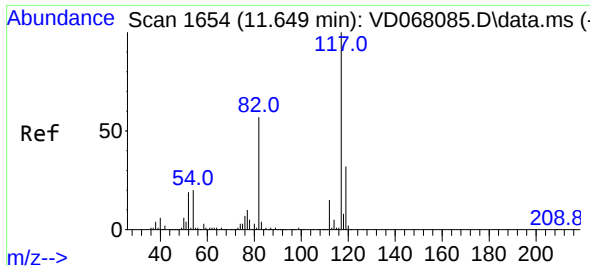
Tgt Ion: 98 Resp: 1209448
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.86 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068138.D
Acq: 21 Jan 2021 17:41

Tgt Ion: 95 Resp: 420347
Ion Ratio Lower Upper
95 100
174 76.9 0.0 172.4
176 73.7 0.0 168.4

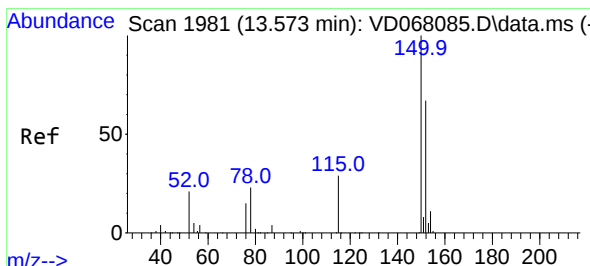
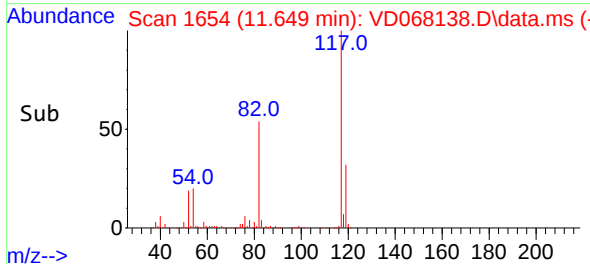
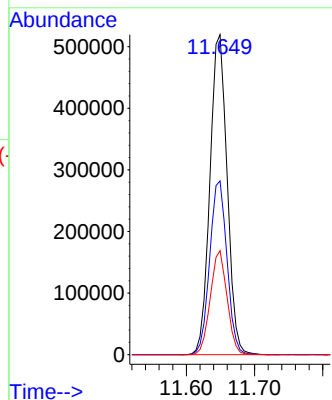
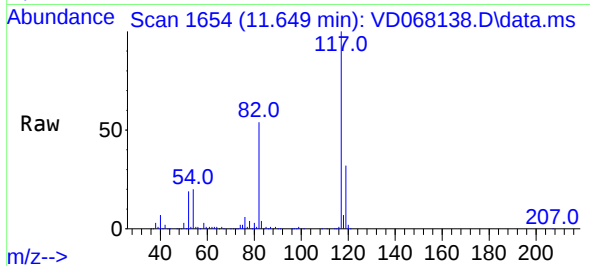




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068138.D
Acq: 21 Jan 2021 17:41

Instrument :
MSVOA_D
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Tgt Ion:	117	Resp:	913170
Ion	Ratio	Lower	Upper
117	100		
82	54.3	41.4	62.0
119	32.5	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068138.D
Acq: 21 Jan 2021 17:41

Tgt Ion:	152	Resp:	399087
Ion	Ratio	Lower	Upper
152	100		
115	60.1	28.9	86.8
150	159.0	0.0	344.4

