

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012021\
 Data File : VD068113.D
 Acq On : 20 Jan 2021 15:19
 Operator : VA/SY
 Sample : M1160-11
 Misc : 6.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BASIN-5

Quant Time: Jan 20 15:48:31 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	552262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	969045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	966989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	447938	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	282270	53.43	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.86%
35) Dibromofluoromethane	7.920	113	284343	53.07	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.14%
50) Toluene-d8	10.344	98	1221664	57.01	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.02%
62) 4-Bromofluorobenzene	12.632	95	464726	60.22	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.44%

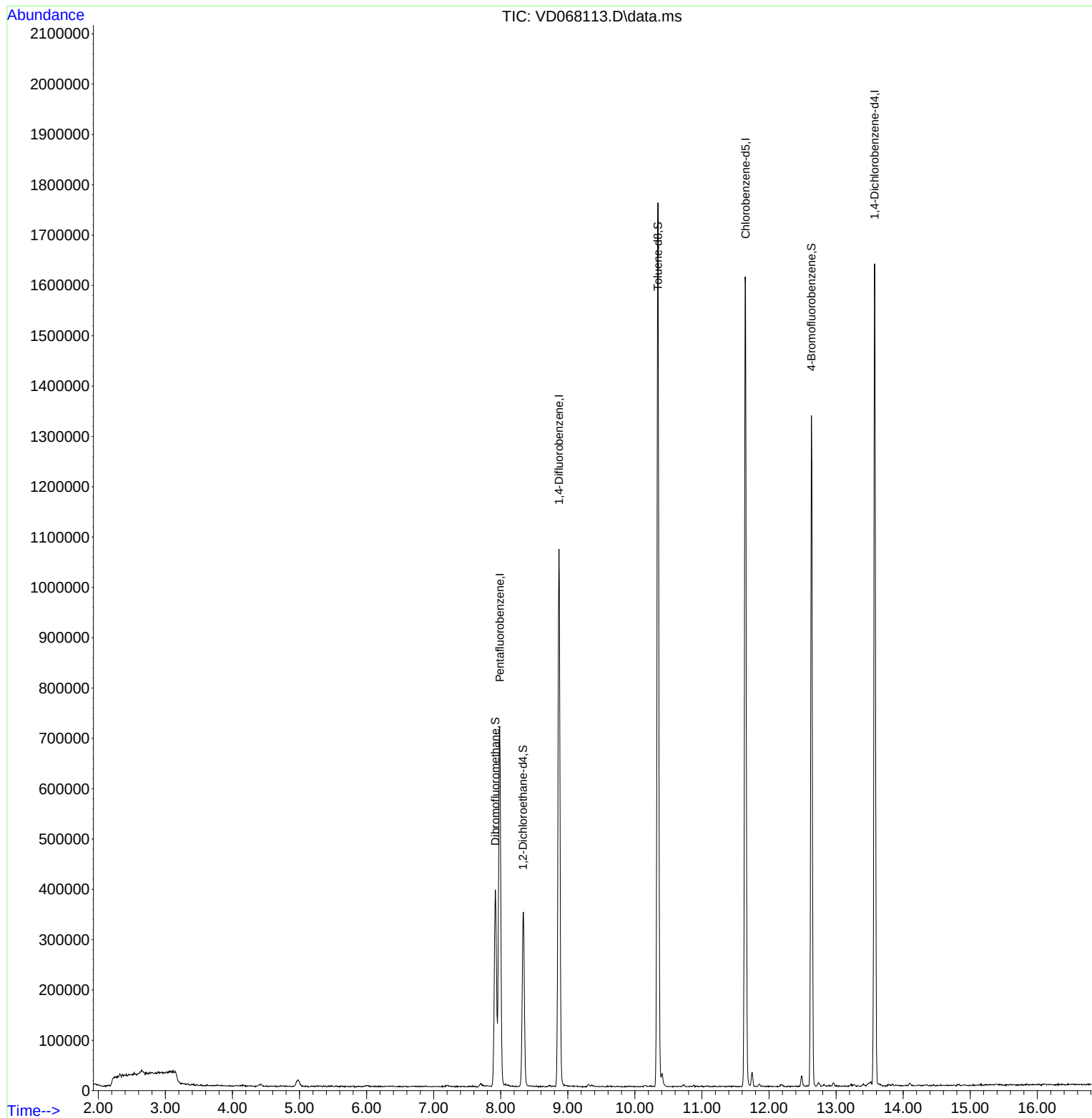
Target Compounds	Qvalue

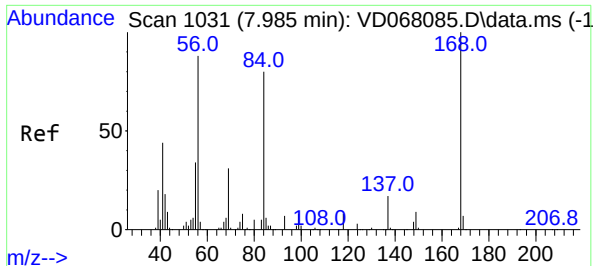
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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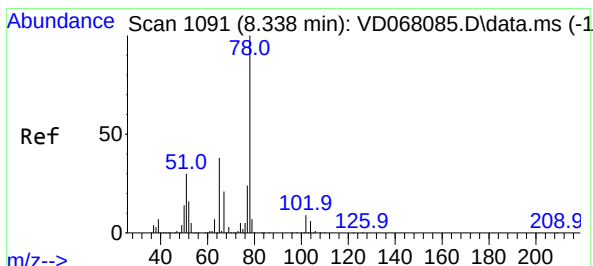
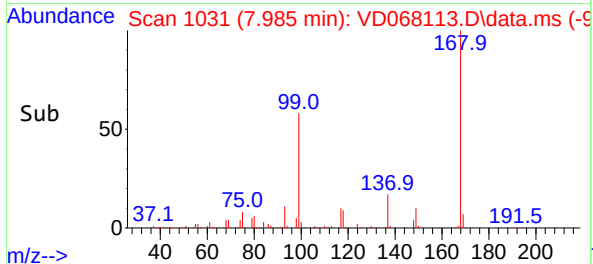
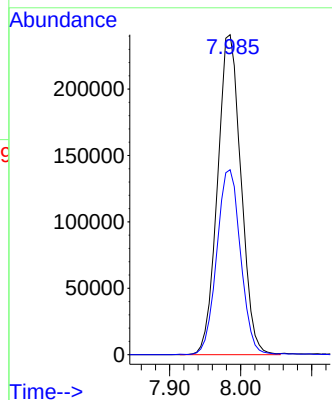
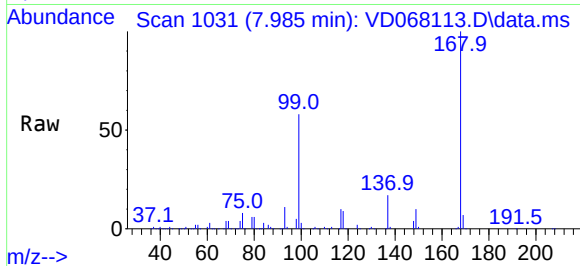




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068113.D
Acq: 20 Jan 2021 15:19

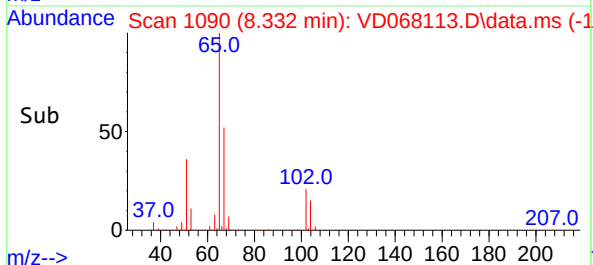
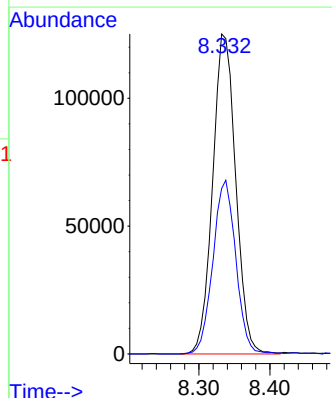
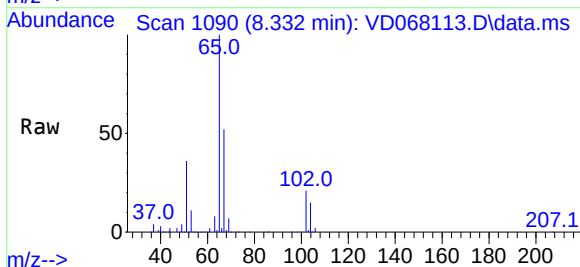
Instrument :
MSVOA_D
ClientSampleId :
BASIN-5

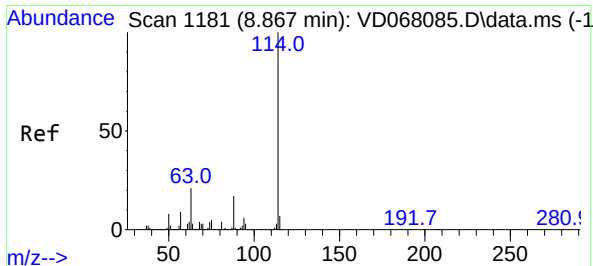
Tgt Ion:168 Resp: 552262
Ion Ratio Lower Upper
168 100
99 57.6 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 53.43 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068113.D
Acq: 20 Jan 2021 15:19

Tgt Ion: 65 Resp: 282270
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.0



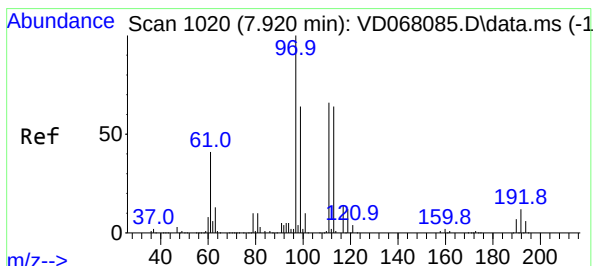
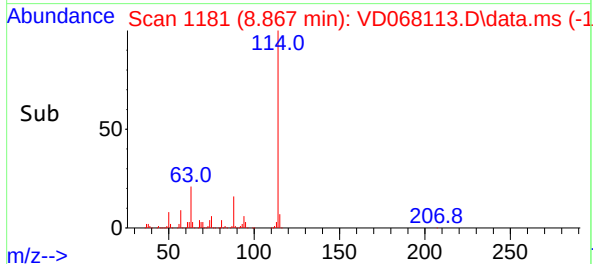
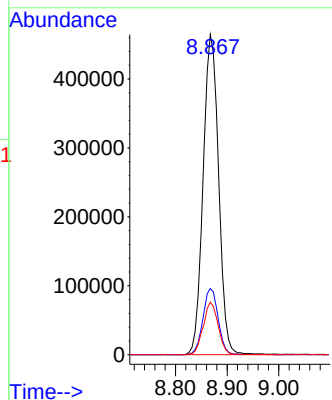
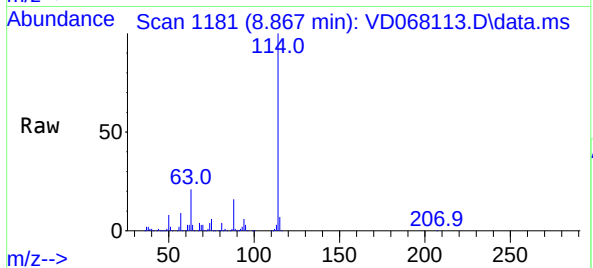


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068113.D
Acq: 20 Jan 2021 15:19

Instrument :
MSVOA_D
ClientSampleId :
BASIN-5

Tgt Ion:114 Resp: 969045

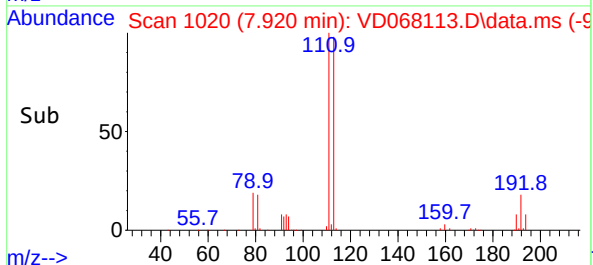
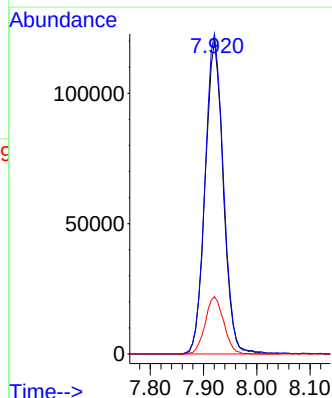
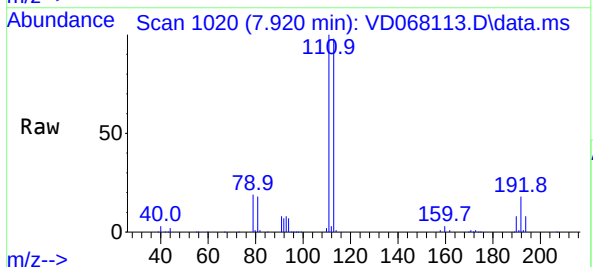
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	34.8
88	16.4	0.0	31.6

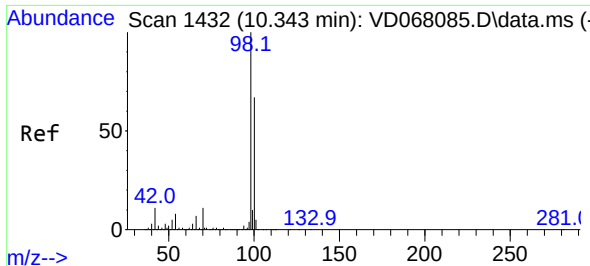


#35
Dibromofluoromethane
Concen: 53.07 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068113.D
Acq: 20 Jan 2021 15:19

Tgt Ion:113 Resp: 284343

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.4	122.0
192	18.6	16.1	24.1

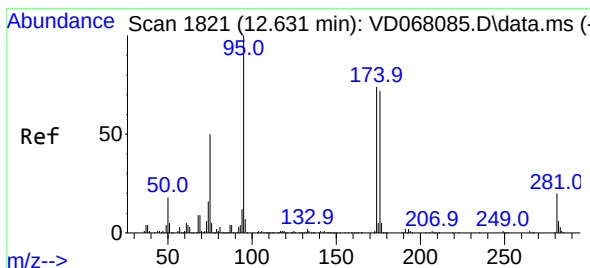
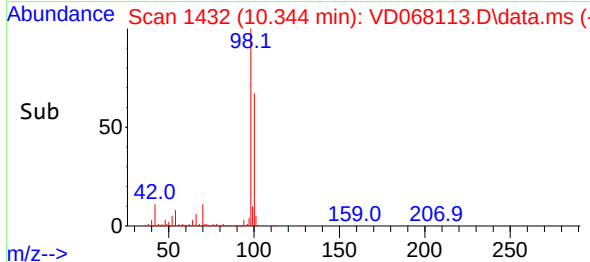
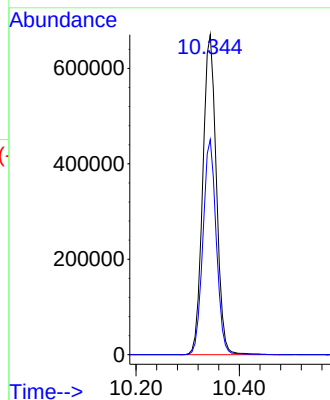
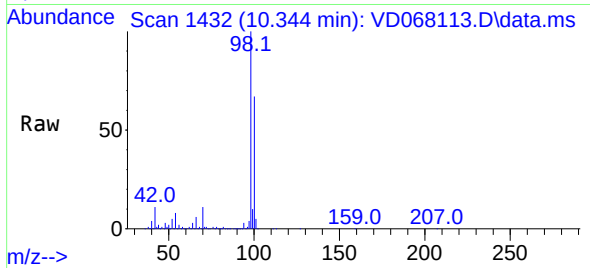




#50
Toluene-d8
Concen: 57.01 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068113.D
Acq: 20 Jan 2021 15:19

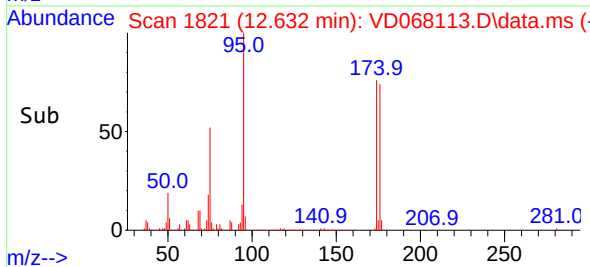
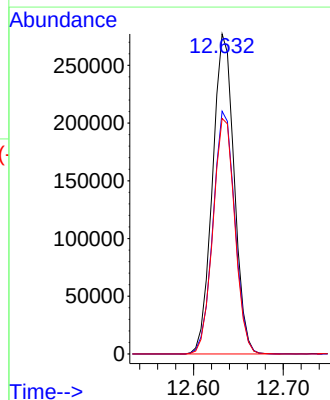
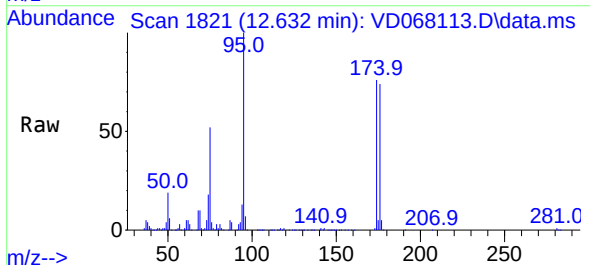
Instrument :
MSVOA_D
ClientSampleId :
BASIN-5

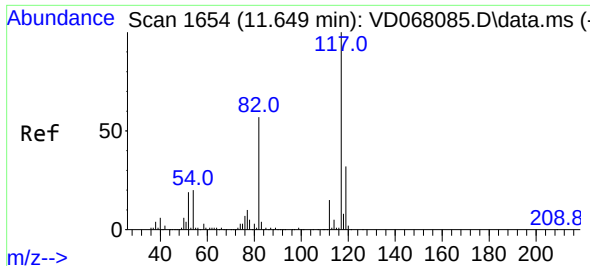
Tgt Ion: 98 Resp: 1221664
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 60.22 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068113.D
Acq: 20 Jan 2021 15:19

Tgt Ion: 95 Resp: 464726
Ion Ratio Lower Upper
95 100
174 76.2 0.0 172.4
176 74.1 0.0 168.4

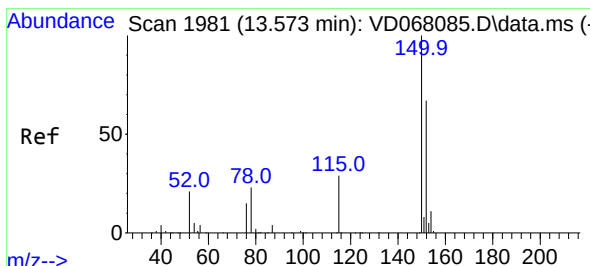
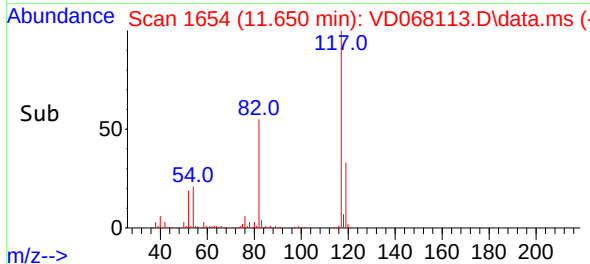
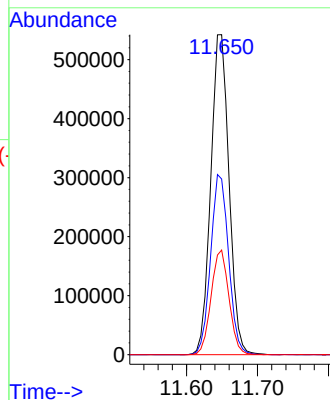
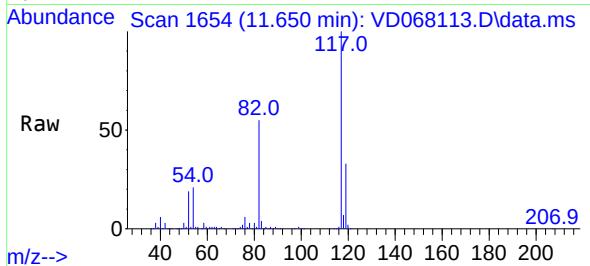




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.001 min
Lab File: VD068113.D
Acq: 20 Jan 2021 15:19

Instrument :
MSVOA_D
ClientSampleId :
BASIN-5

Tgt Ion:117 Resp: 966989
Ion Ratio Lower Upper
117 100
82 54.9 41.4 62.0
119 32.7 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: VD068113.D
Acq: 20 Jan 2021 15:19

Tgt Ion:152 Resp: 447938
Ion Ratio Lower Upper
152 100
115 60.1 28.9 86.8
150 155.5 0.0 344.4

