

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011921\
 Data File : VD068099.D
 Acq On : 19 Jan 2021 19:15
 Operator : VA/SY
 Sample : M1160-05
 Misc : 3.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BASIN-2

Quant Time: Jan 20 00:32:03 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	7.979	168	59467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	111659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	119930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.578	152	63470	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	43425	76.34	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.68%
35) Dibromofluoromethane	7.920	113	29848	48.35	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.70%
50) Toluene-d8	10.343	98	143397	58.07	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.14%
62) 4-Bromofluorobenzene	12.631	95	63700	71.64	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	143.28%

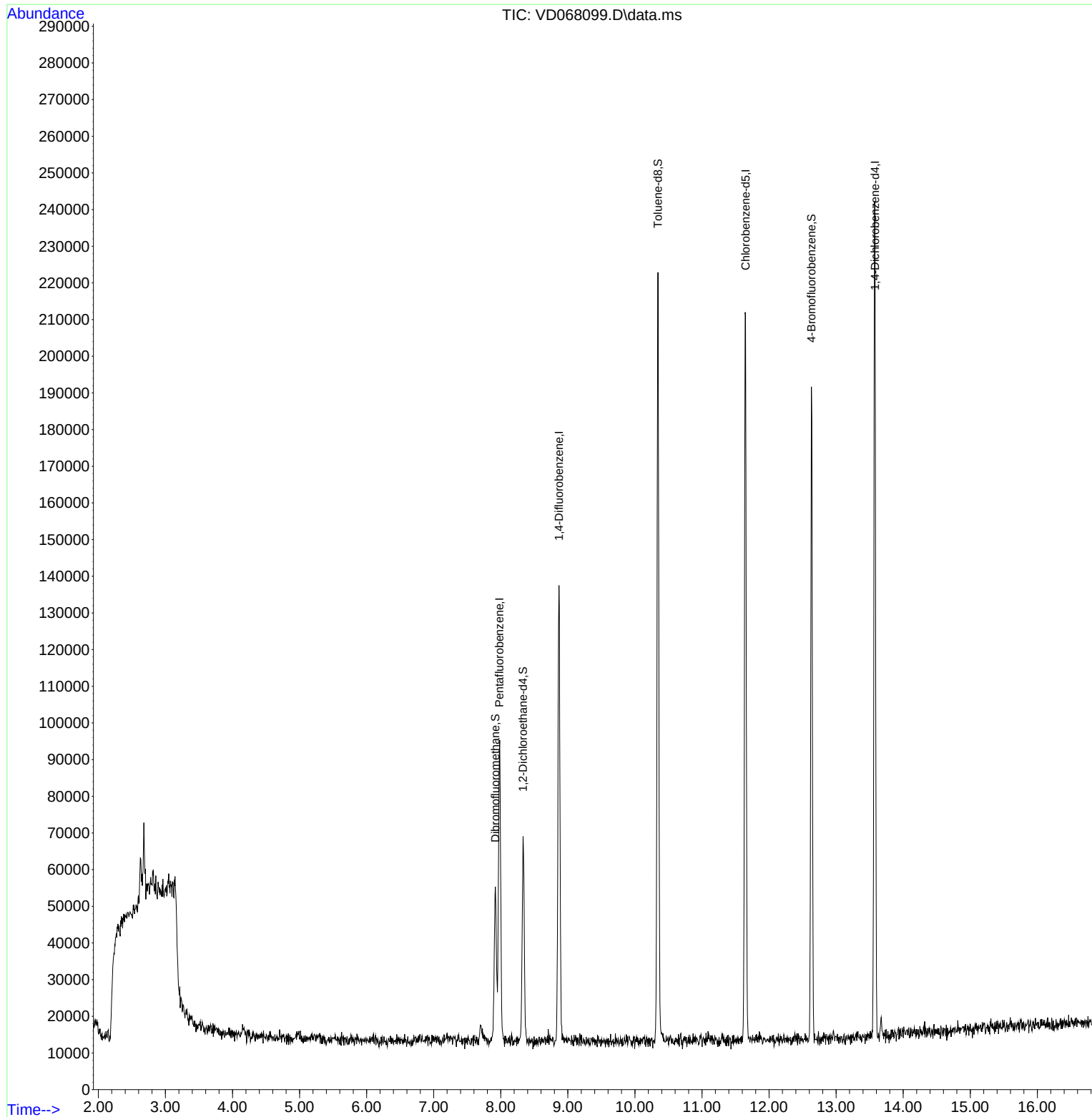
Target Compounds	Qvalue

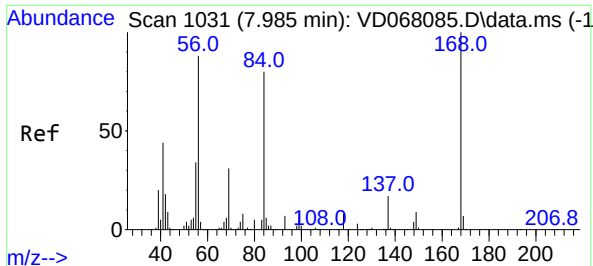
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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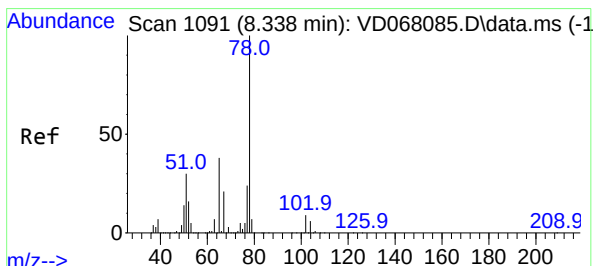
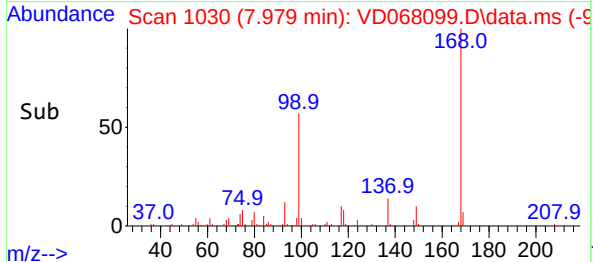
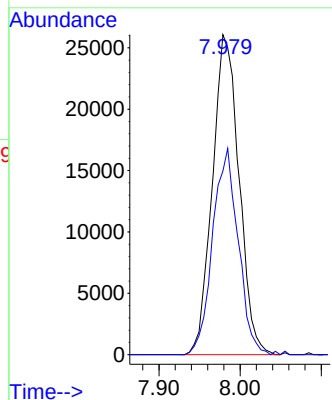
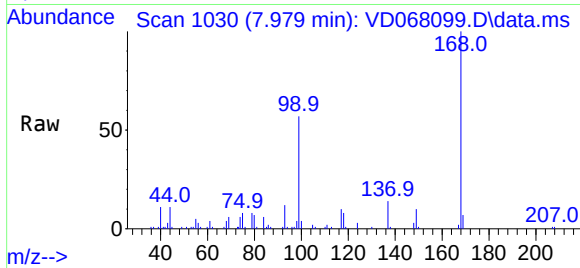




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068099.D
Acq: 19 Jan 2021 19:15

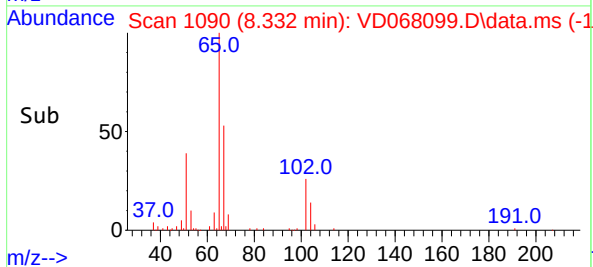
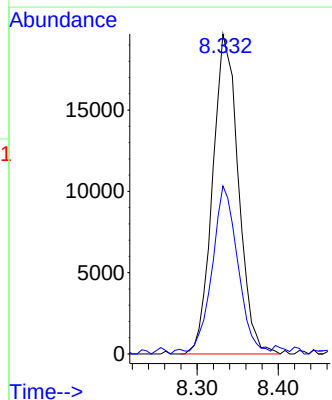
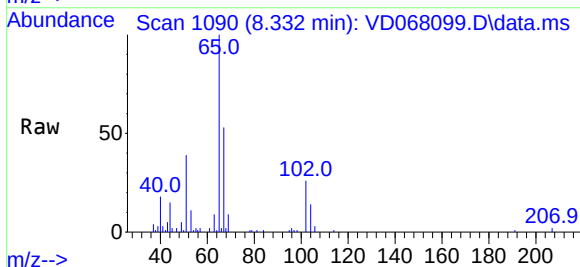
Instrument :
MSVOA_D
ClientSampled :
BASIN-2

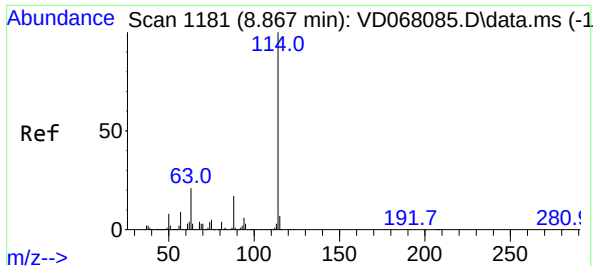
Tgt Ion:168 Resp: 59467
Ion Ratio Lower Upper
168 100
99 57.4 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 76.34 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068099.D
Acq: 19 Jan 2021 19:15

Tgt Ion: 65 Resp: 43425
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.0

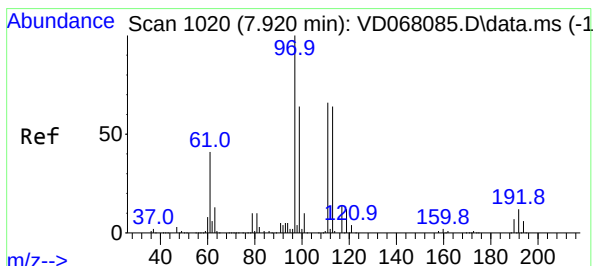
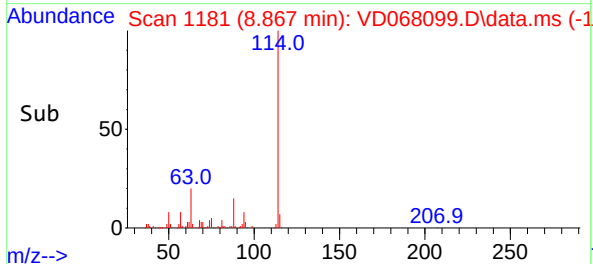
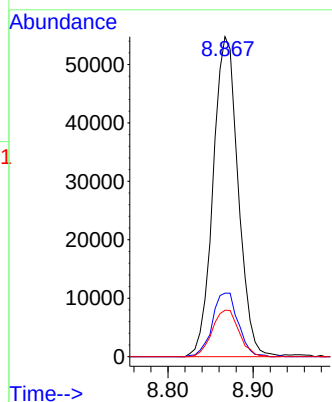
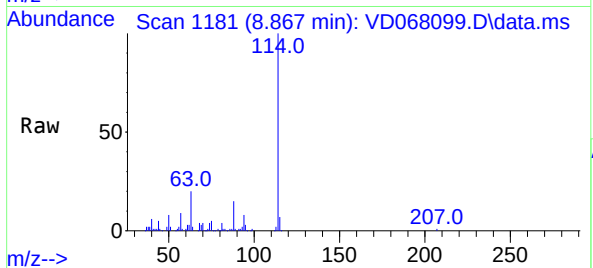




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068099.D
Acq: 19 Jan 2021 19:15

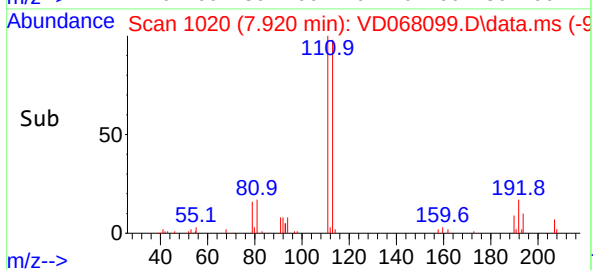
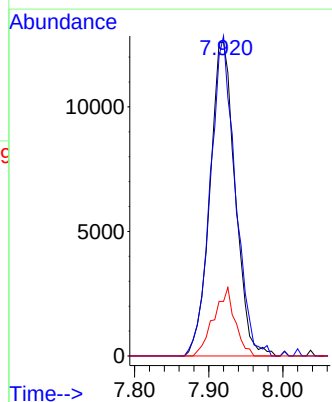
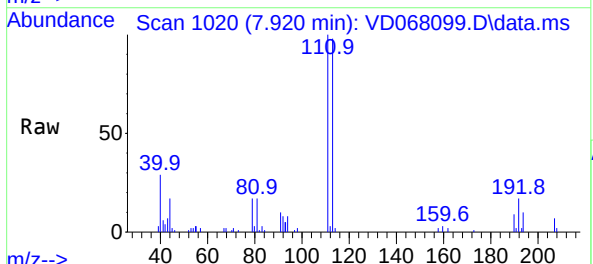
Instrument :
MSVOA_D
ClientSampleId :
BASIN-2

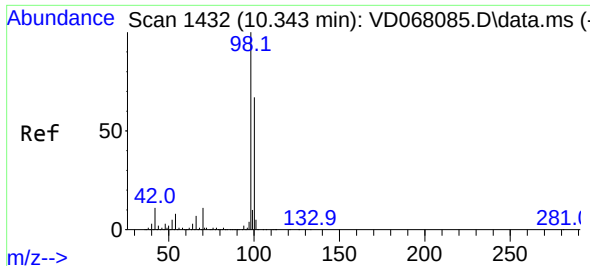
Tgt Ion:	114	Resp:	111659
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	34.8
88	14.5	0.0	31.6



#35
Dibromofluoromethane
Concen: 48.35 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068099.D
Acq: 19 Jan 2021 19:15

Tgt Ion:	113	Resp:	29848
Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.4	122.0
192	18.4	16.1	24.1

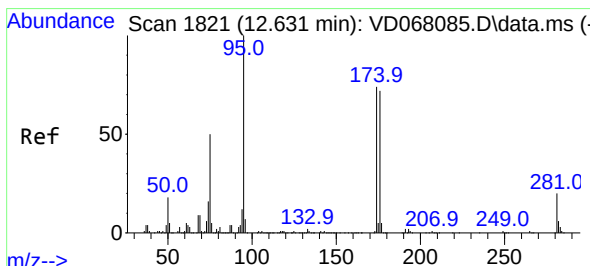
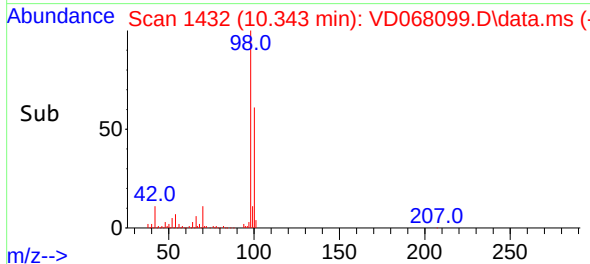
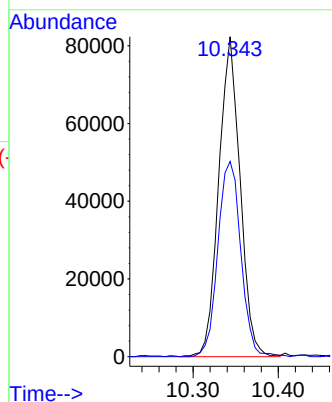
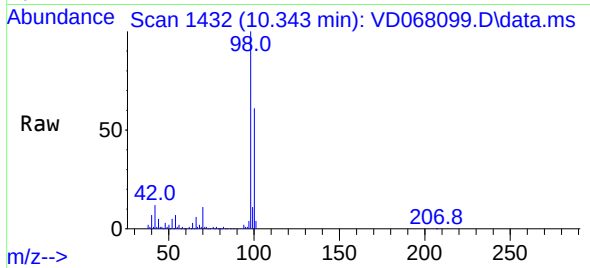




#50
Toluene-d8
Concen: 58.07 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068099.D
Acq: 19 Jan 2021 19:15

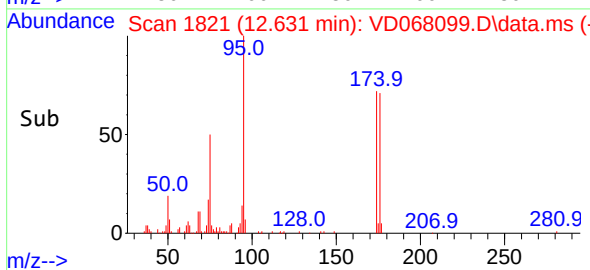
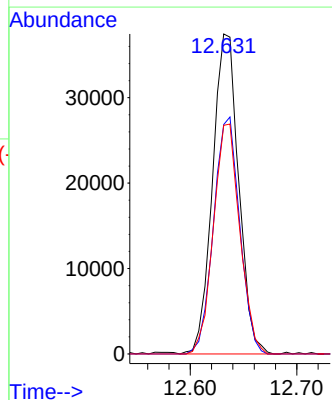
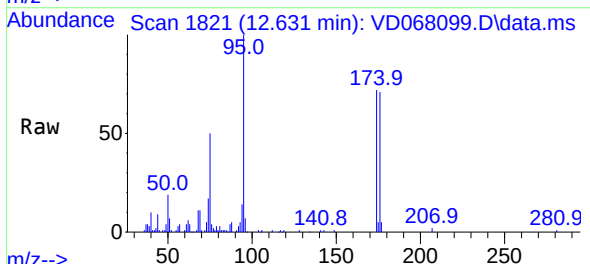
Instrument :
MSVOA_D
ClientSampleId :
BASIN-2

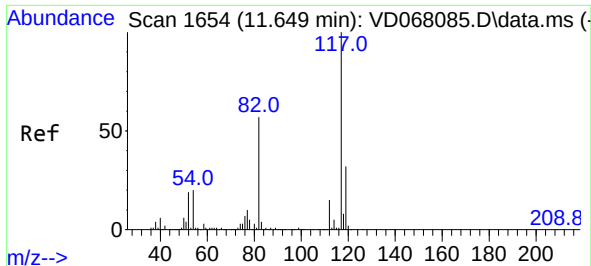
Tgt Ion: 98 Resp: 143397
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 71.64 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068099.D
Acq: 19 Jan 2021 19:15

Tgt Ion: 95 Resp: 63700
Ion Ratio Lower Upper
95 100
174 73.9 0.0 172.4
176 72.5 0.0 168.4



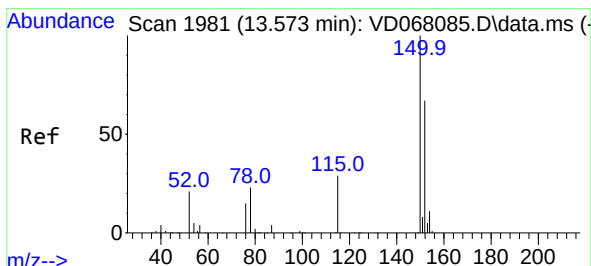
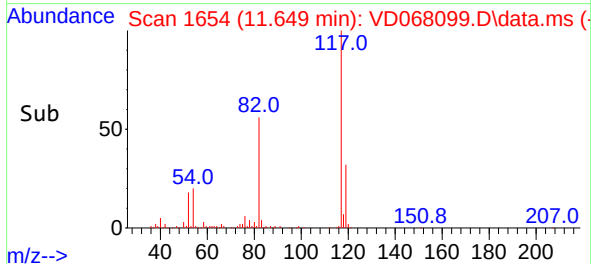
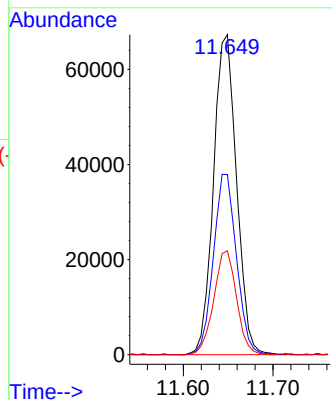
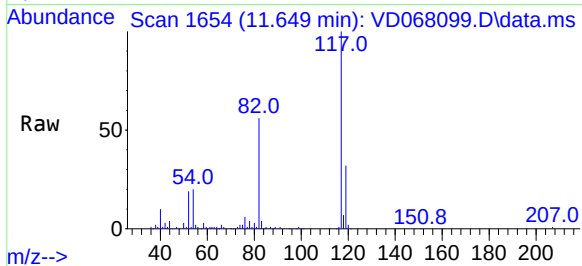


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068099.D
Acq: 19 Jan 2021 19:15

Instrument :
MSVOA_D
ClientSampled :
BASIN-2

Tgt Ion:117 Resp: 119930

Ion	Ratio	Lower	Upper
117	100		
82	56.3	41.4	62.0
119	32.5	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.578 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068099.D
Acq: 19 Jan 2021 19:15

Tgt Ion:152 Resp: 63470

Ion	Ratio	Lower	Upper
152	100		
115	59.4	28.9	86.8
150	155.6	0.0	344.4

