

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011321\
 Data File : VD068072.D
 Acq On : 13 Jan 2021 15:40
 Operator : VA/SY
 Sample : M1090-04
 Misc : 7.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BORE-3-1FT-7FT

Quant Time: Jan 13 17:24:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 13 03:57:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	543242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	915307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	903828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	435218	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.337	65	263008	56.94	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.88%
35) Dibromofluoromethane	7.920	113	289243	55.44	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.88%
50) Toluene-d8	10.343	98	1096352	57.02	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.04%
62) 4-Bromofluorobenzene	12.631	95	396516	58.86	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.72%

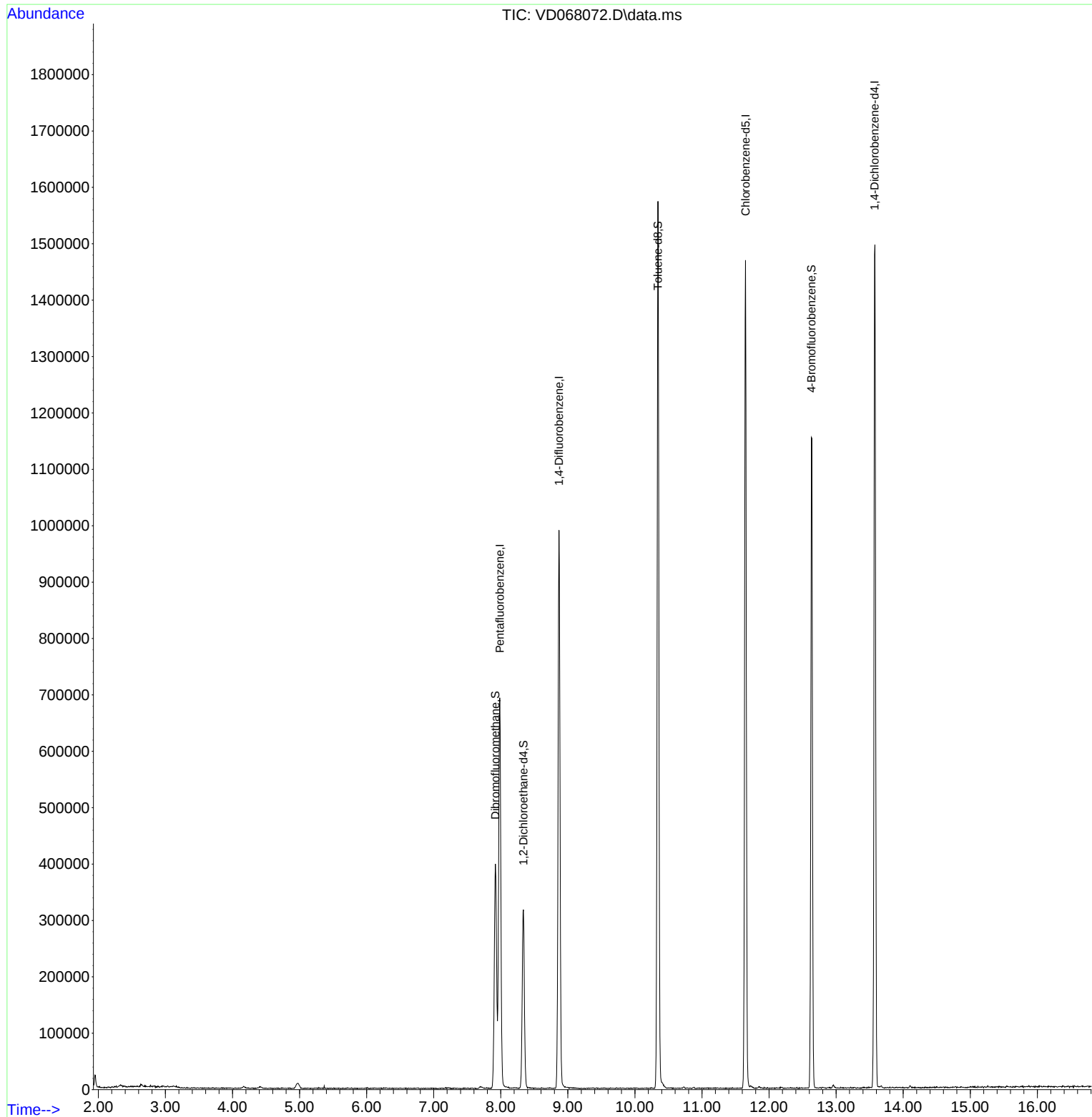
Target Compounds	Qvalue

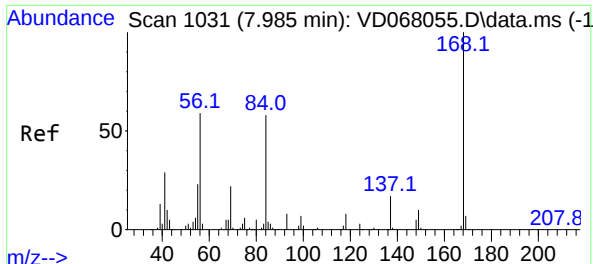
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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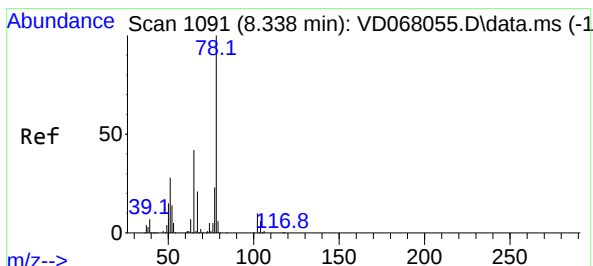
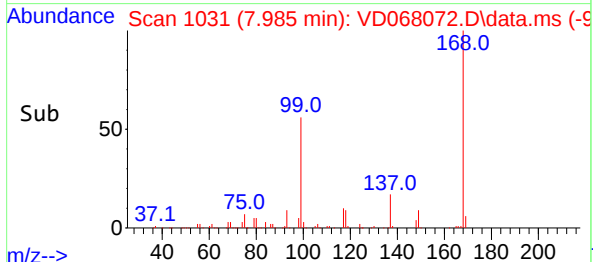
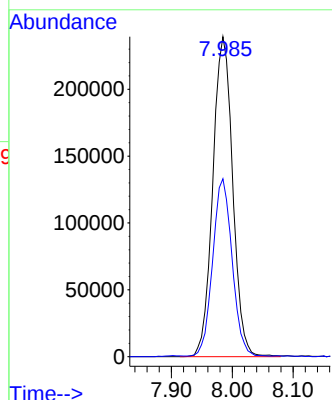
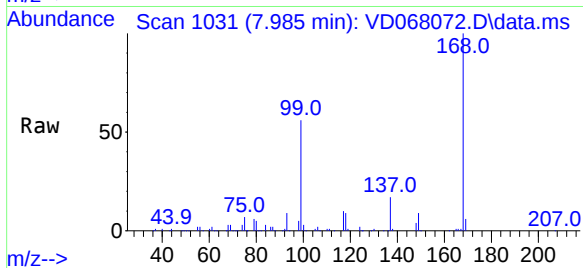




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068072.D
Acq: 13 Jan 2021 15:40

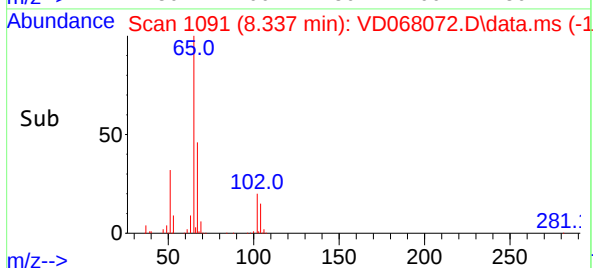
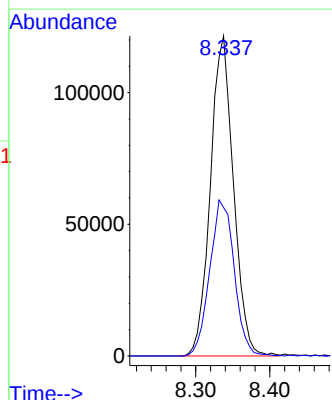
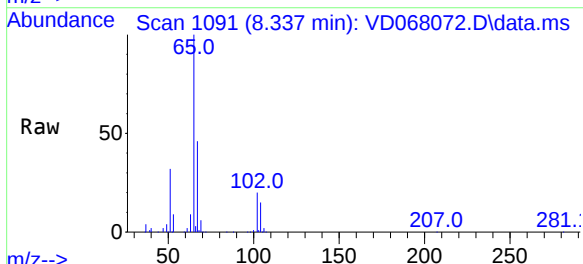
Instrument :
MSVOA_D
ClientSampleId :
BORE-3-1FT-7FT

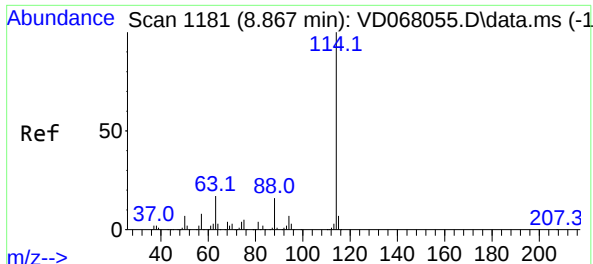
Tgt Ion:168 Resp: 543242
Ion Ratio Lower Upper
168 100
99 55.4 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 56.94 ug/l
RT: 8.337 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD068072.D
Acq: 13 Jan 2021 15:40

Tgt Ion: 65 Resp: 263008
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.0





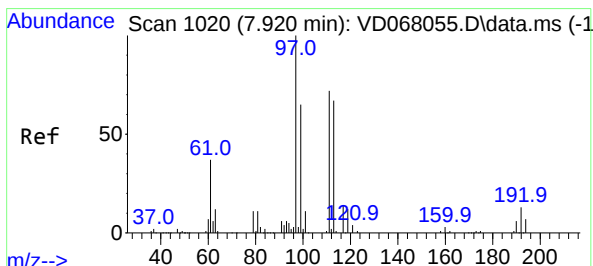
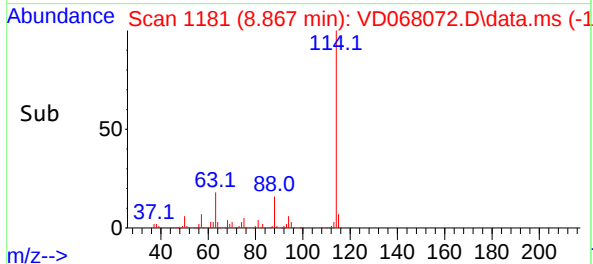
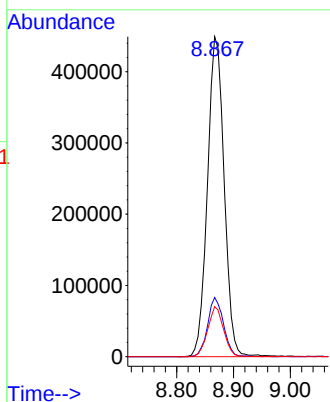
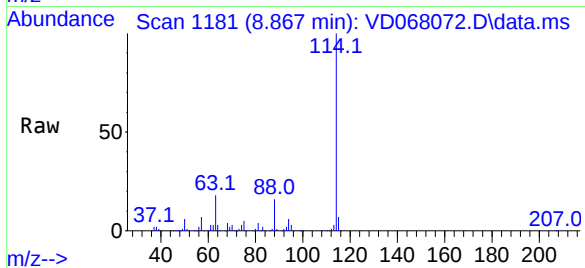
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068072.D
Acq: 13 Jan 2021 15:40

Instrument :
MSVOA_D
ClientSampleId :
BORE-3-1FT-7FT

Tgt Ion:114 Resp: 915307

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	34.8
88	15.7	0.0	31.6

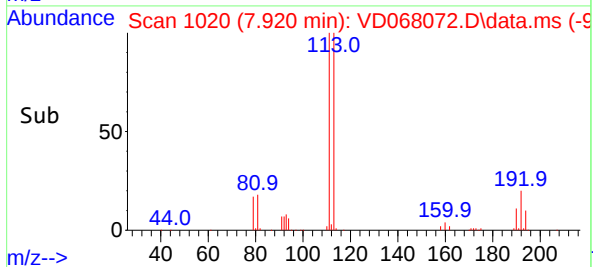
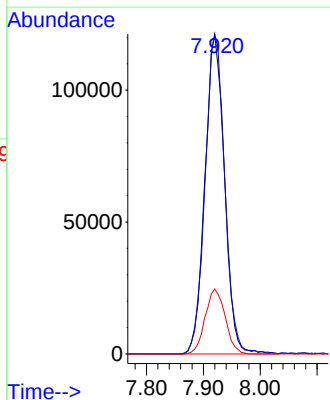
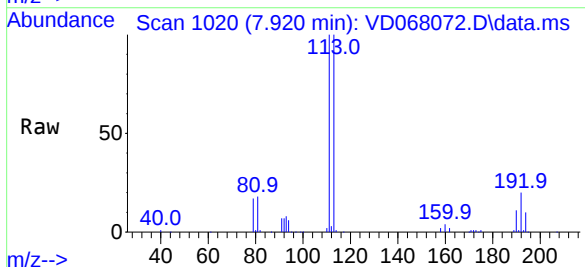


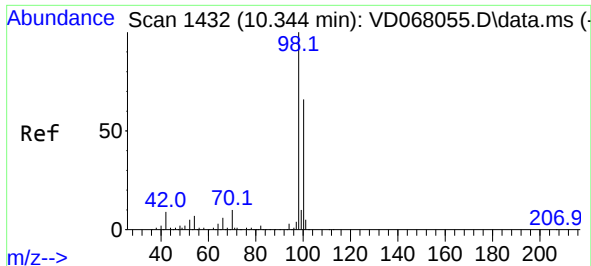
#35

Dibromofluoromethane
Concen: 55.44 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068072.D
Acq: 13 Jan 2021 15:40

Tgt Ion:113 Resp: 289243

Ion	Ratio	Lower	Upper
113	100		
111	100.0	81.4	122.0
192	20.8	16.1	24.1

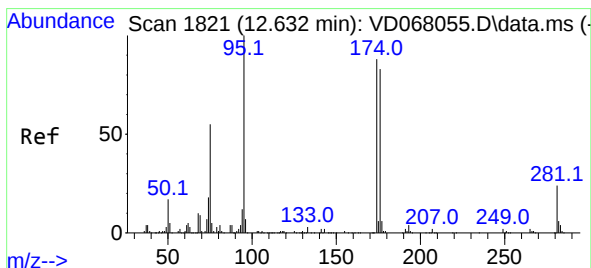
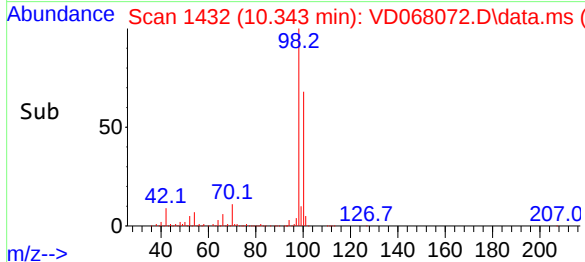
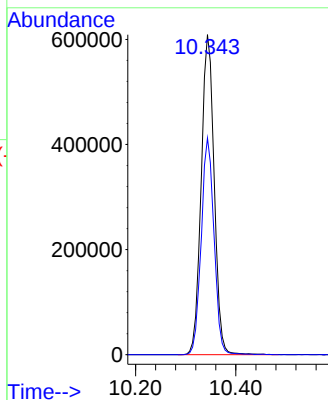
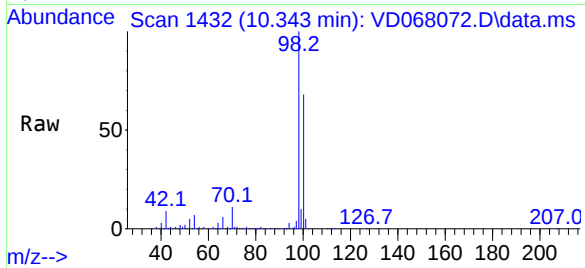




#50
Toluene-d8
Concen: 57.02 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068072.D
Acq: 13 Jan 2021 15:40

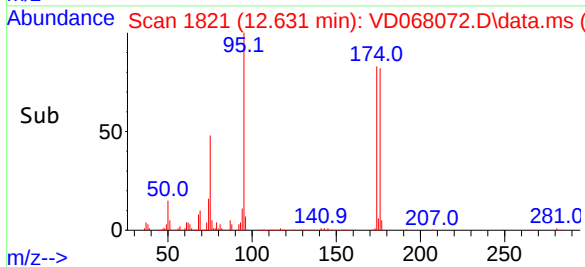
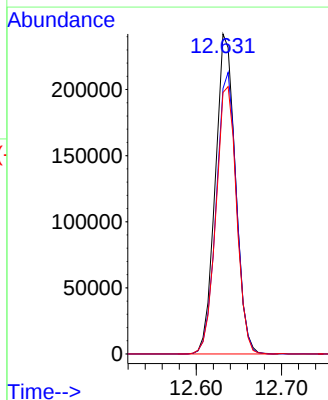
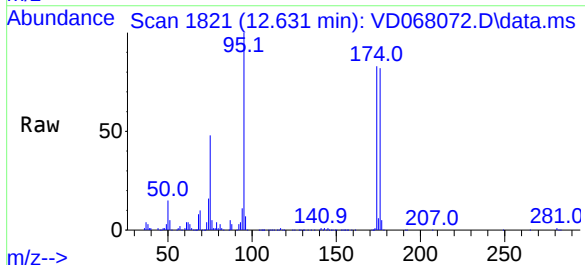
Instrument :
MSVOA_D
ClientSampleId :
BORE-3-1FT-7FT

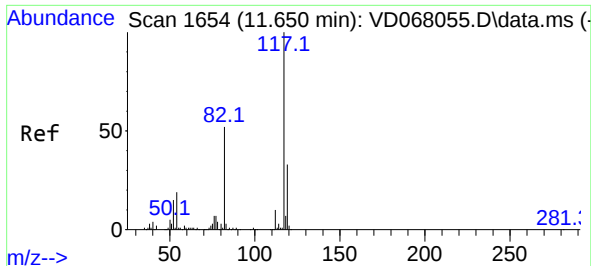
Tgt Ion: 98 Resp: 1096352
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 58.86 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068072.D
Acq: 13 Jan 2021 15:40

Tgt Ion: 95 Resp: 396516
Ion Ratio Lower Upper
95 100
174 88.4 0.0 172.4
176 85.3 0.0 168.4

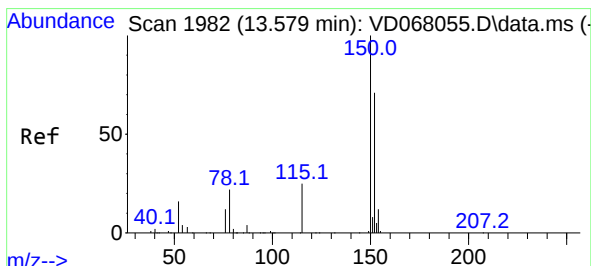
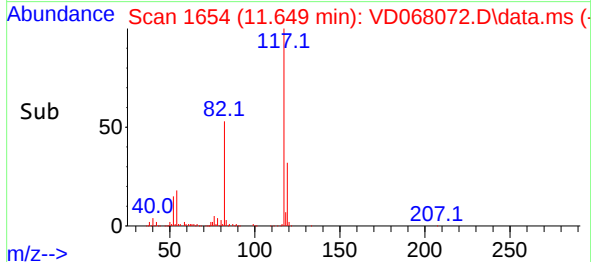
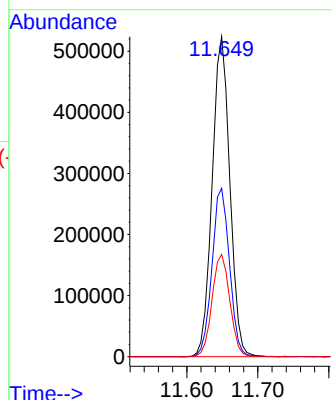
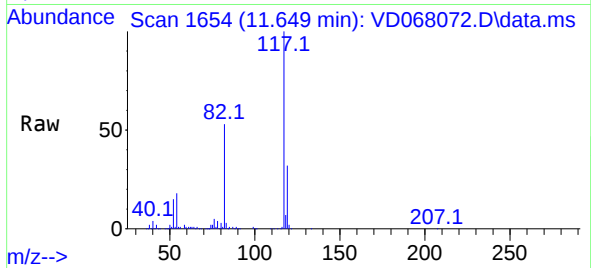




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068072.D
Acq: 13 Jan 2021 15:40

Instrument :
MSVOA_D
ClientSampleId :
BORE-3-1FT-7FT

Tgt Ion:	117	Resp:	903828
Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.4	62.0
119	31.9	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD068072.D
Acq: 13 Jan 2021 15:40

Tgt Ion:	152	Resp:	435218
Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.9	86.8
150	160.2	0.0	344.4

