

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
 Data File : VD069157.D
 Acq On : 13 May 2021 15:12
 Operator : VA/SY
 Sample : M2367-01
 Misc : 6.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PV-SP1

Quant Time: May 14 01:21:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	212874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	417335	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	404333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	174533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	144501	67.71	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.42%
35) Dibromofluoromethane	7.920	113	150061	55.25	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.50%
50) Toluene-d8	10.338	98	527854	52.90	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.80%
62) 4-Bromofluorobenzene	12.632	95	179442	55.88	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.76%

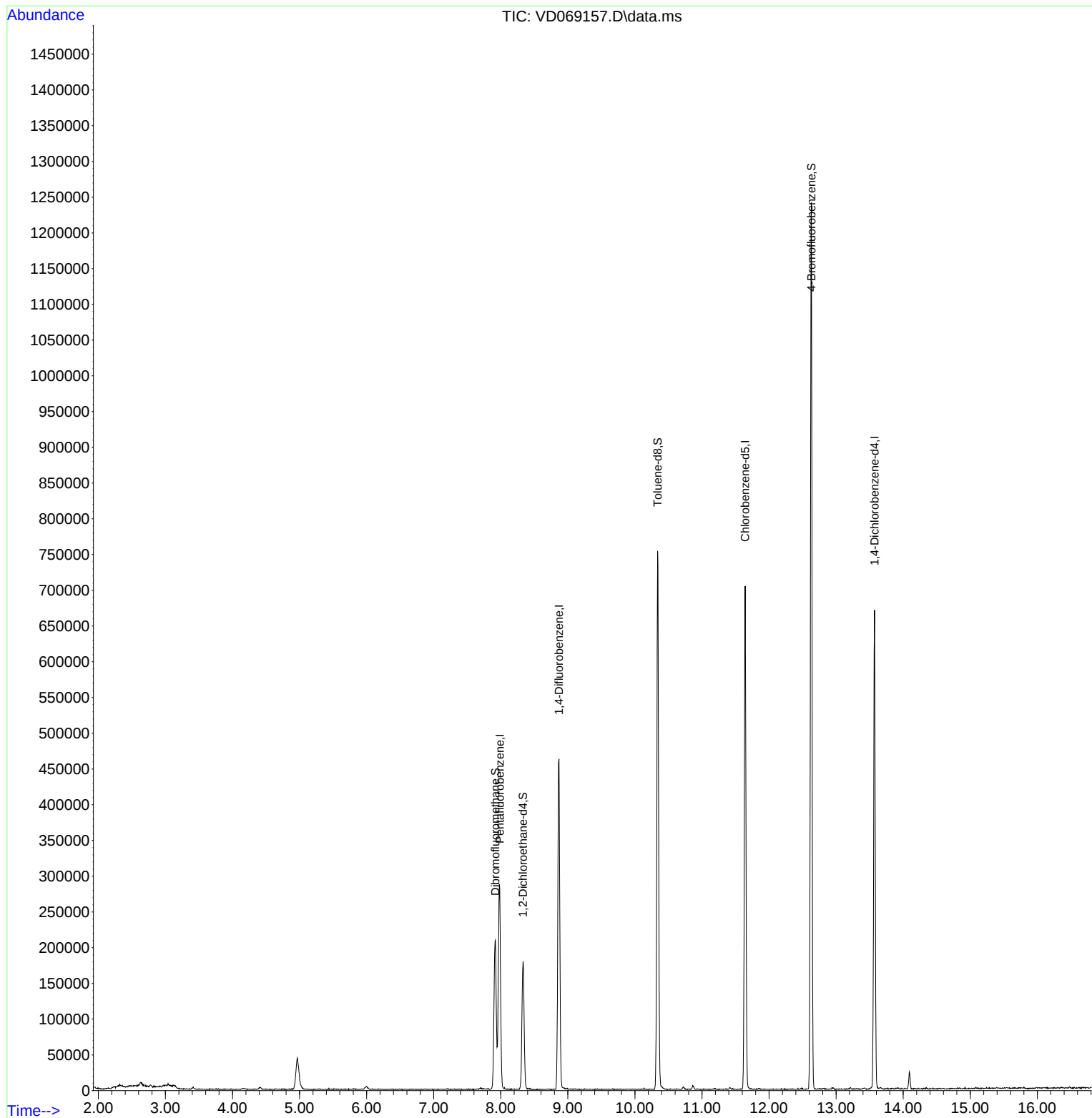
Target Compounds	Qvalue

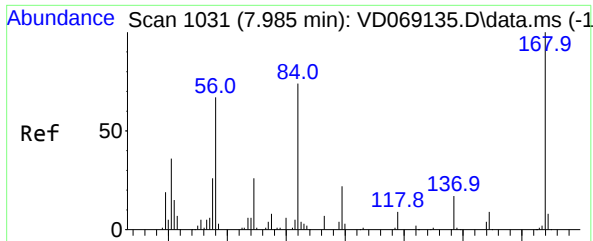
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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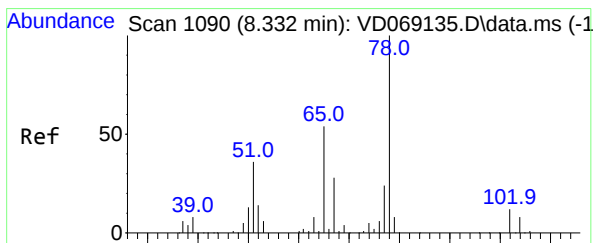
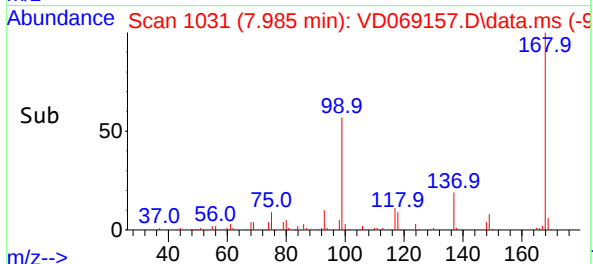
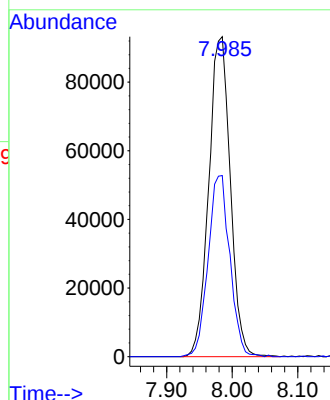
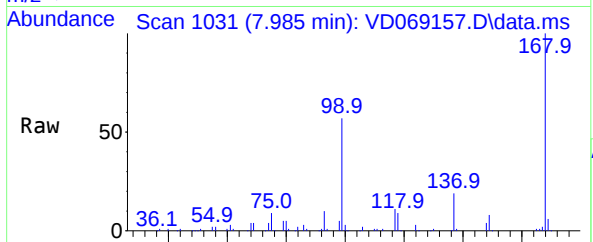




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.985 min Scan# 1031
 Delta R.T. -0.000 min
 Lab File: VD069157.D
 Acq: 13 May 2021 15:12

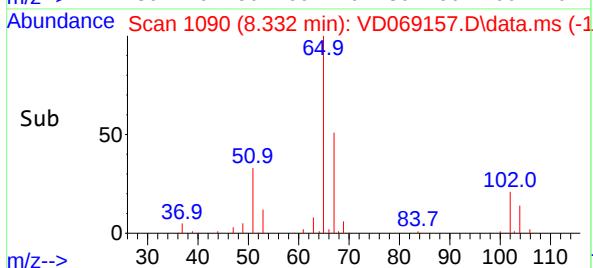
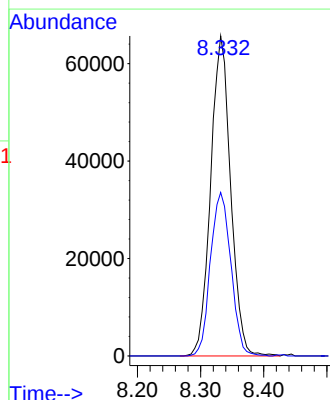
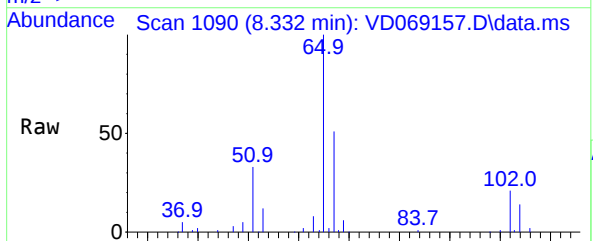
Instrument :
 MSVOA_D
 ClientSampleId :
 PV-SP1

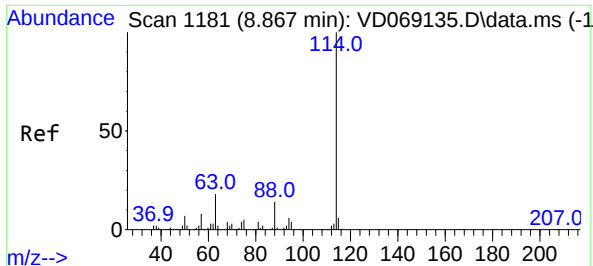
Tgt Ion:168 Resp: 212874
 Ion Ratio Lower Upper
 168 100
 99 56.6 47.2 70.8



1,2-Dichloroethane-d4
 Concen: 67.71 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VD069157.D
 Acq: 13 May 2021 15:12

Tgt Ion: 65 Resp: 144501
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 108.0



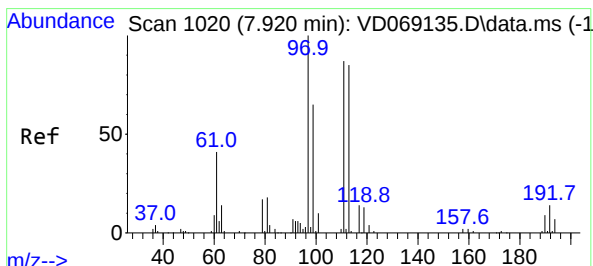
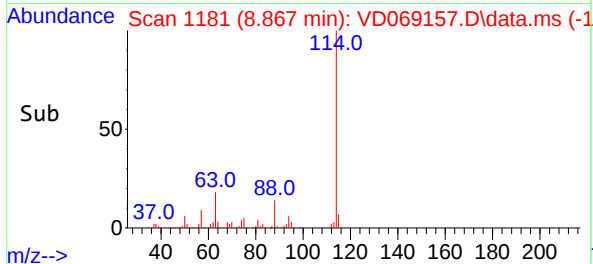
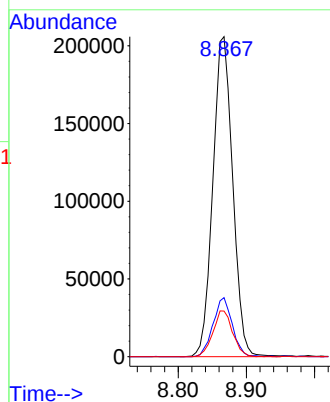
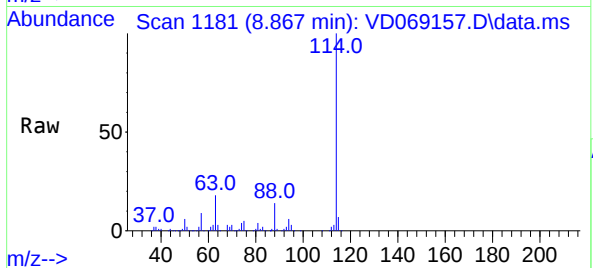


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

Instrument :
MSVOA_D
ClientSampled :
PV-SP1

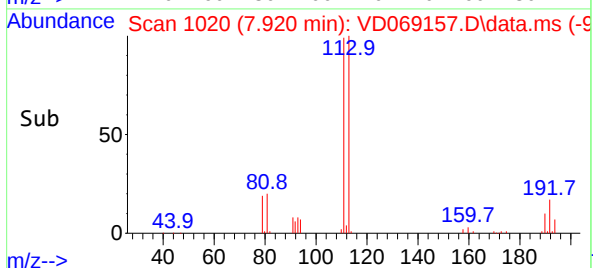
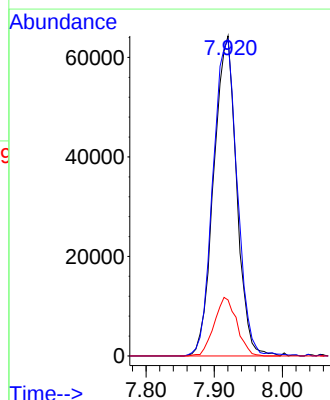
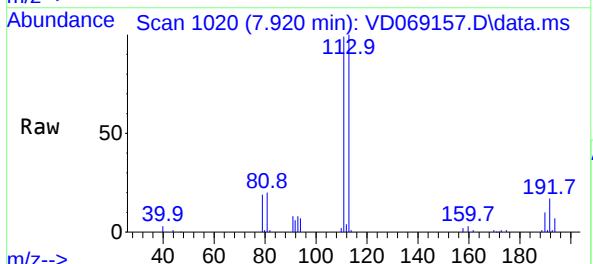
Tgt Ion:114 Resp: 417335
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.4
88 14.2 0.0 28.2

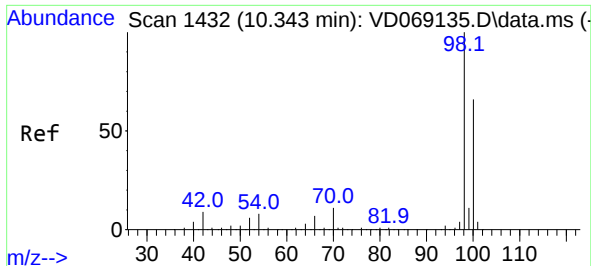


#35

Dibromofluoromethane
Concen: 55.25 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

Tgt Ion:113 Resp: 150061
Ion Ratio Lower Upper
113 100
111 104.8 80.6 120.8
192 18.1 14.8 22.2

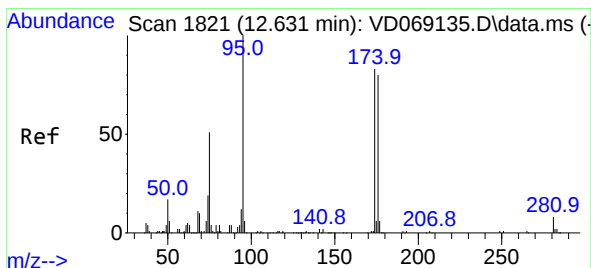
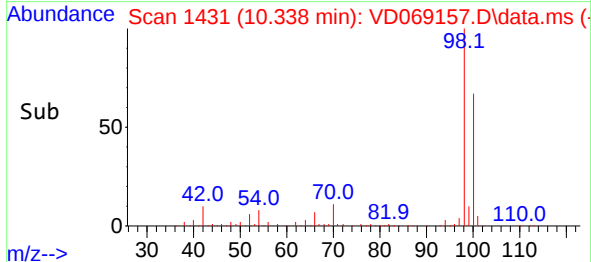
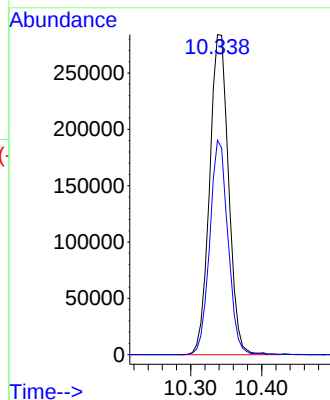
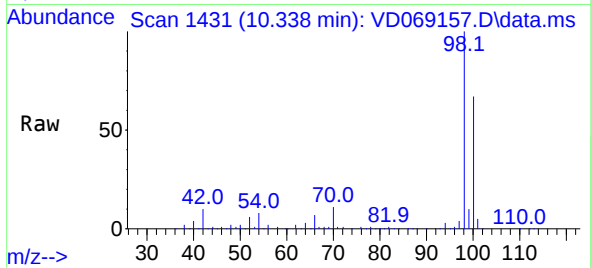




#50
Toluene-d8
Concen: 52.90 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

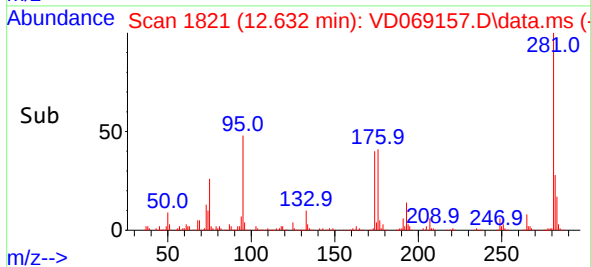
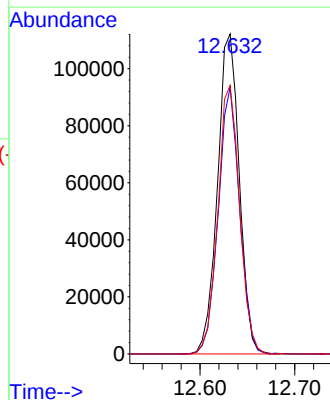
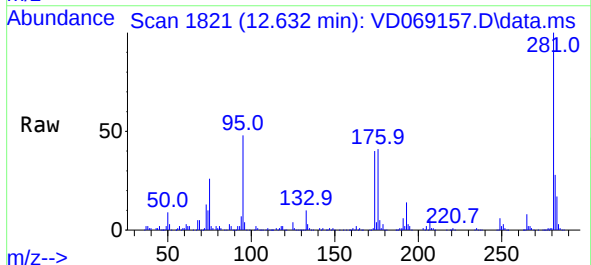
Instrument :
MSVOA_D
ClientSampleId :
PV-SP1

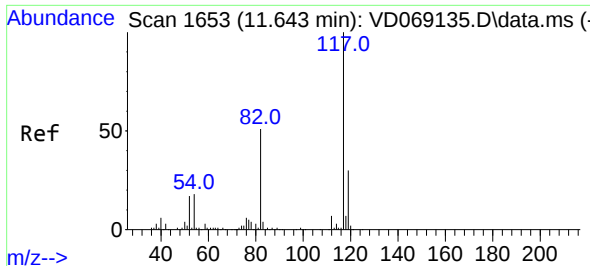
Tgt Ion: 98 Resp: 527854
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 55.88 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

Tgt Ion: 95 Resp: 179442
Ion Ratio Lower Upper
95 100
174 81.6 0.0 171.8
176 83.6 0.0 165.4

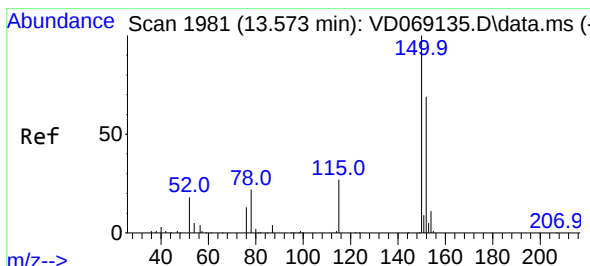
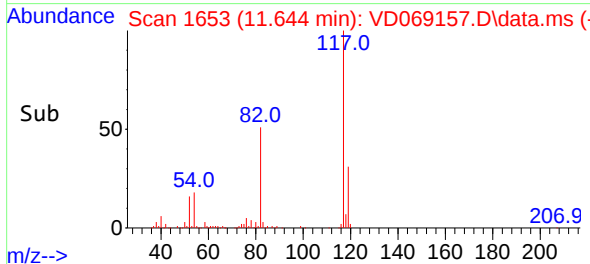
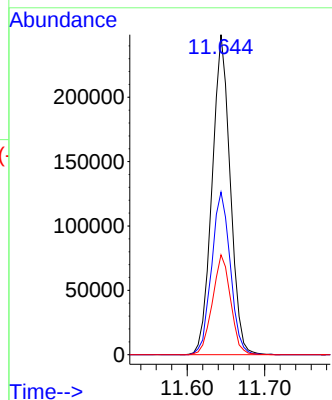
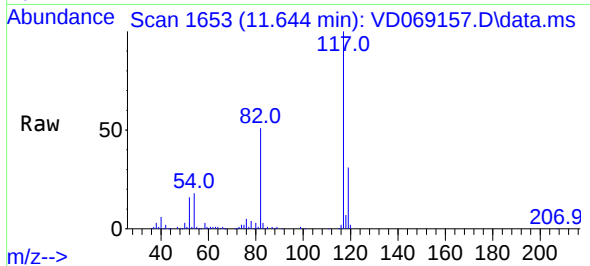




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

Instrument :
MSVOA_D
ClientSampleId :
PV-SP1

Tgt Ion:	117	Resp:	404333
Ion	Ratio	Lower	Upper
117	100		
82	50.8	40.5	60.7
119	31.2	24.2	36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069157.D
Acq: 13 May 2021 15:12

Tgt Ion:	152	Resp:	174533
Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.9	89.8
150	157.1	0.0	350.2

