

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
 Data File : VD069155.D
 Acq On : 13 May 2021 14:16
 Operator : VA/SY
 Sample : M2370-01
 Misc : 5.60G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 367

Quant Time: May 14 01:21:27 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	7.979	168	209973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	414149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	399457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	186435	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	140965	66.97	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.94%
35) Dibromofluoromethane	7.914	113	151321	56.15	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.30%
50) Toluene-d8	10.337	98	522866	52.80	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.60%
62) 4-Bromofluorobenzene	12.626	95	173607	54.48	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.96%

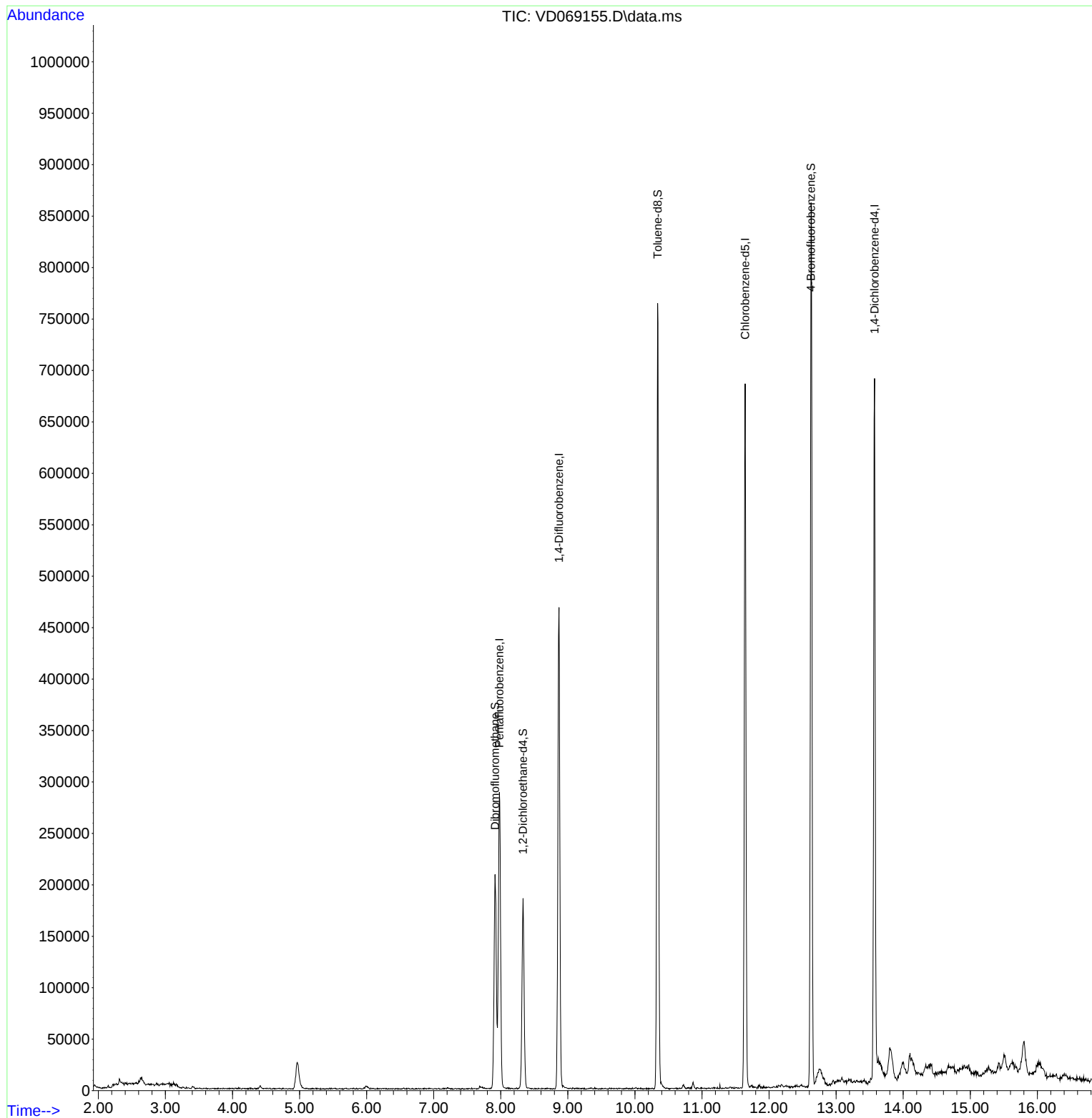
Target Compounds	Qvalue

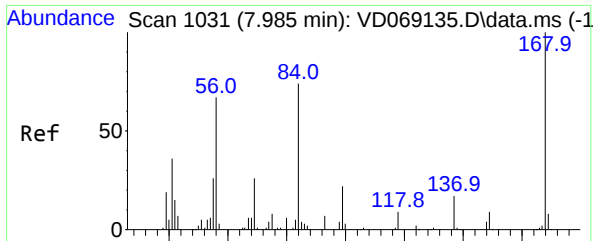
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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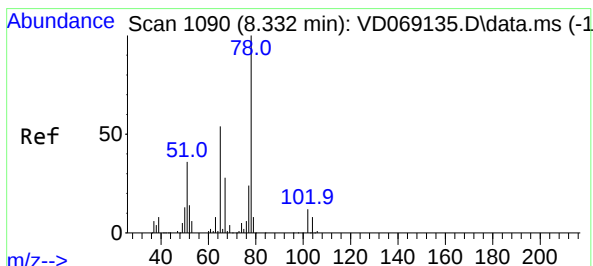
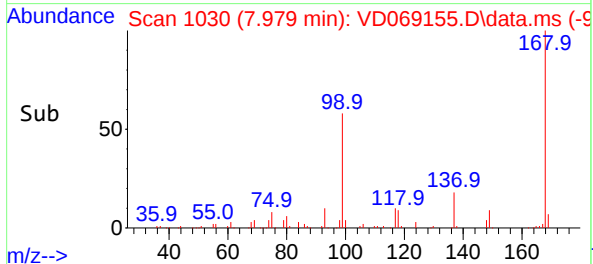
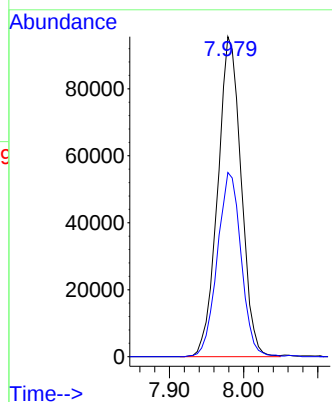
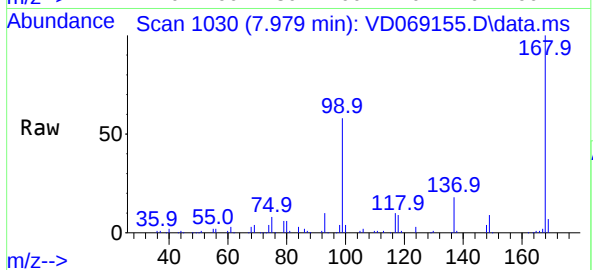




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069155.D
Acq: 13 May 2021 14:16

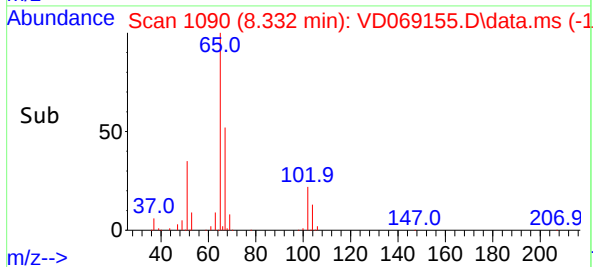
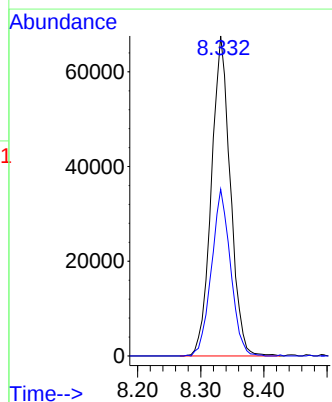
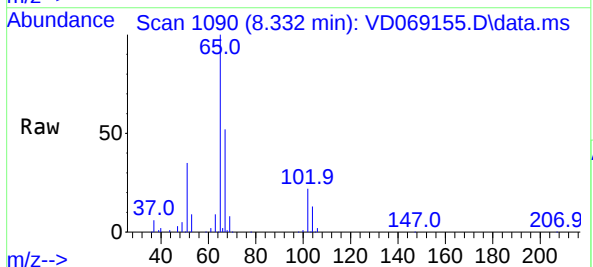
Instrument :
MSVOA_D
ClientSampleId :
367

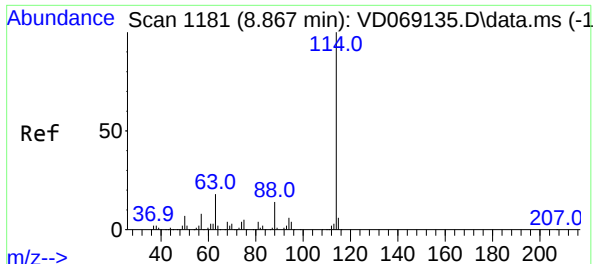
Tgt Ion:168 Resp: 209973
Ion Ratio Lower Upper
168 100
99 57.5 47.2 70.8



#33
1,2-Dichloroethane-d4
Concen: 66.97 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069155.D
Acq: 13 May 2021 14:16

Tgt Ion: 65 Resp: 140965
Ion Ratio Lower Upper
65 100
67 52.3 0.0 108.0



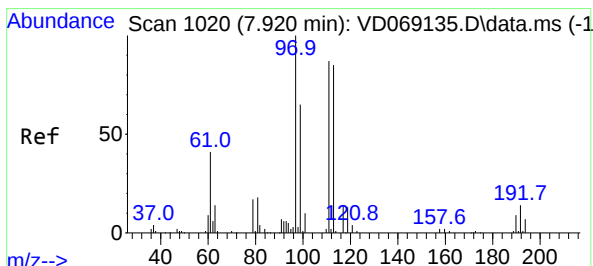
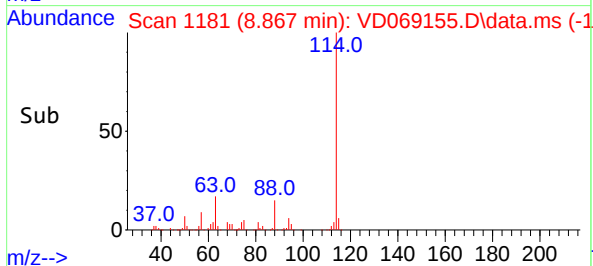
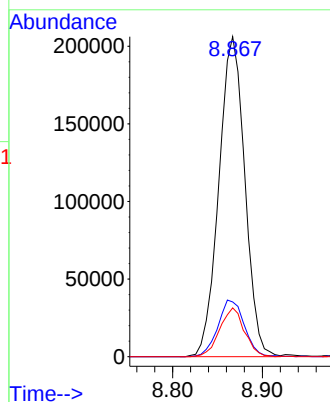
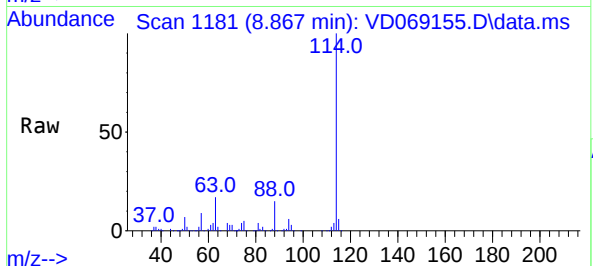


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069155.D
Acq: 13 May 2021 14:16

Instrument :
MSVOA_D
ClientSampled :
367

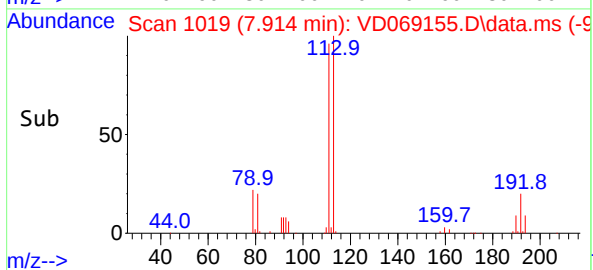
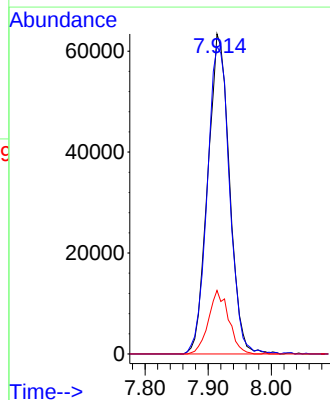
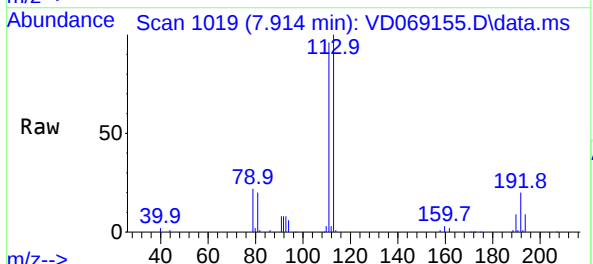
Tgt Ion:	114	Resp:	414149
Ion Ratio	Lower	Upper	
114	100		
63	17.1	0.0	36.4
88	15.3	0.0	28.2

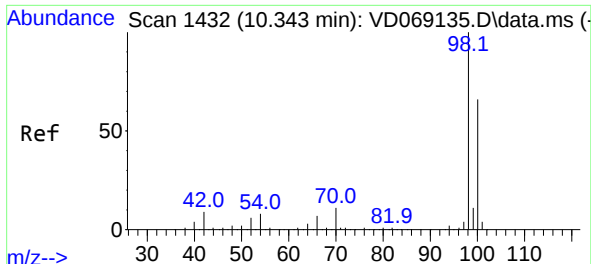


#35

Dibromofluoromethane
Concen: 56.15 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069155.D
Acq: 13 May 2021 14:16

Tgt Ion:	113	Resp:	151321
Ion Ratio	Lower	Upper	
113	100		
111	99.2	80.6	120.8
192	18.5	14.8	22.2

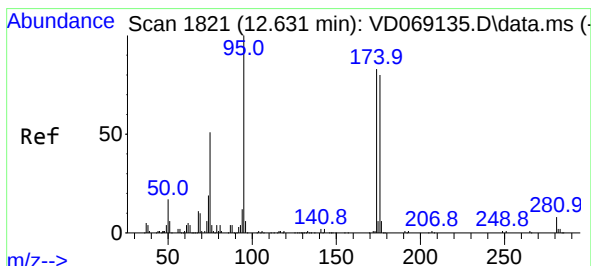
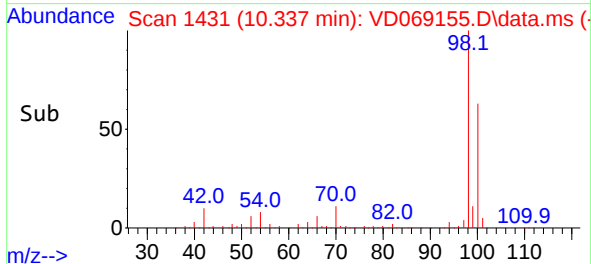
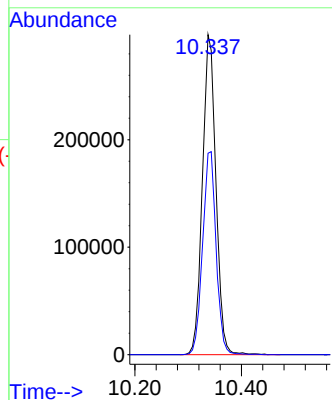
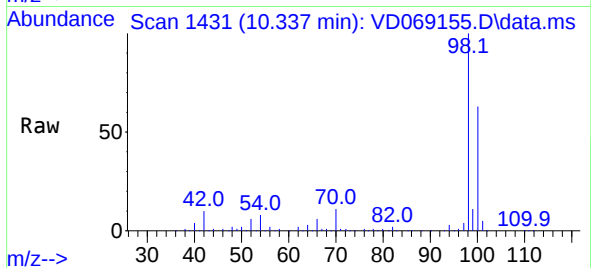




#50
Toluene-d8
Concen: 52.80 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069155.D
Acq: 13 May 2021 14:16

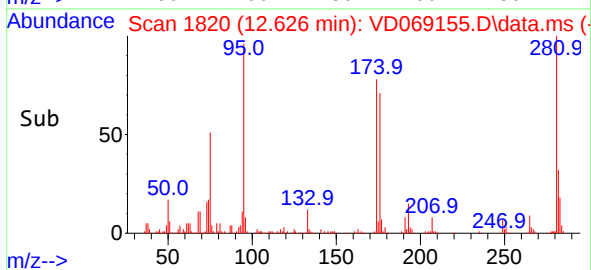
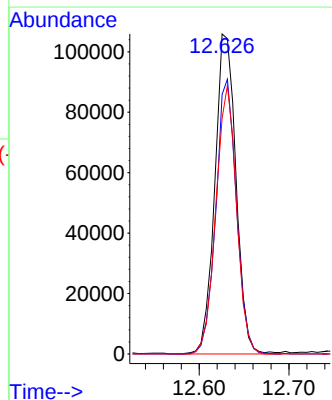
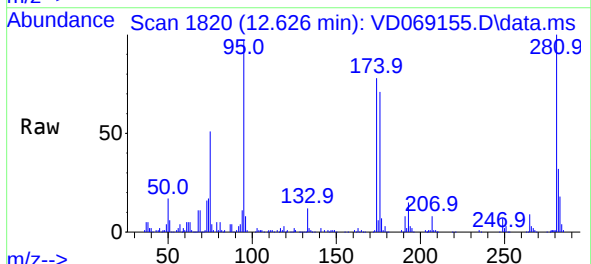
Instrument :
MSVOA_D
ClientSampled :
367

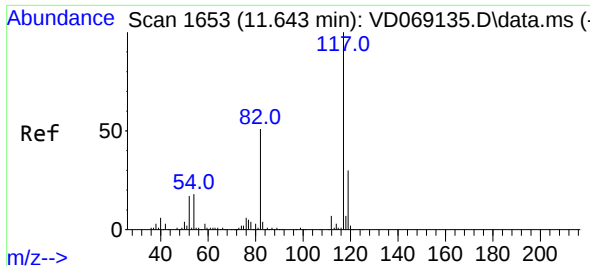
Tgt Ion: 98 Resp: 522866
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 54.48 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069155.D
Acq: 13 May 2021 14:16

Tgt Ion: 95 Resp: 173607
Ion Ratio Lower Upper
95 100
174 83.2 0.0 171.8
176 81.3 0.0 165.4

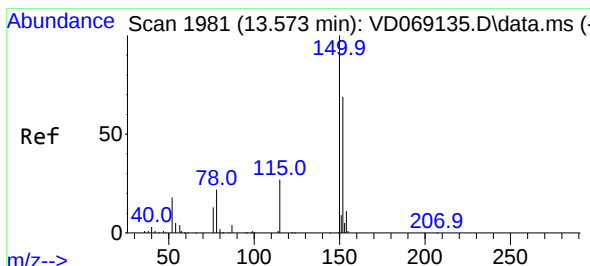
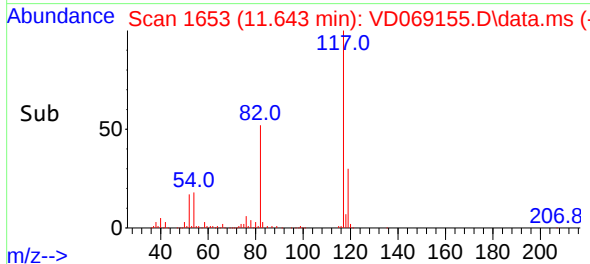
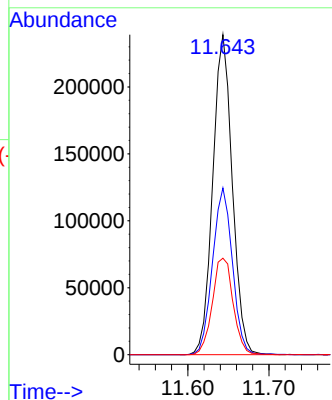
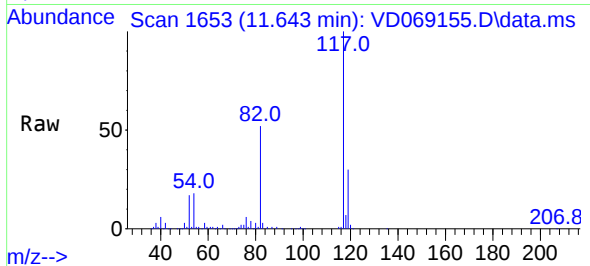




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069155.D
Acq: 13 May 2021 14:16

Instrument :
MSVOA_D
ClientSampled :
367

Tgt Ion:	117	Resp:	399457
Ion	Ratio	Lower	Upper
117	100		
82	52.1	40.5	60.7
119	30.2	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: VD069155.D
Acq: 13 May 2021 14:16

Tgt Ion:	152	Resp:	186435
Ion	Ratio	Lower	Upper
152	100		
115	57.0	29.9	89.8
150	151.3	0.0	350.2

