

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052021\
 Data File : VD069222.D
 Acq On : 20 May 2021 16:51
 Operator : VA/SY
 Sample : M2468-01
 Misc : 3.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1-5-TP

Quant Time: May 21 00:55:21 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	168079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	356007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	334579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	142893	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	129399	76.80	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 153.60%	
35) Dibromofluoromethane	7.914	113	133178	57.48	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.96%	
50) Toluene-d8	10.338	98	458694	53.88	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.76%	
62) 4-Bromofluorobenzene	12.626	95	132917	48.52	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.04%	

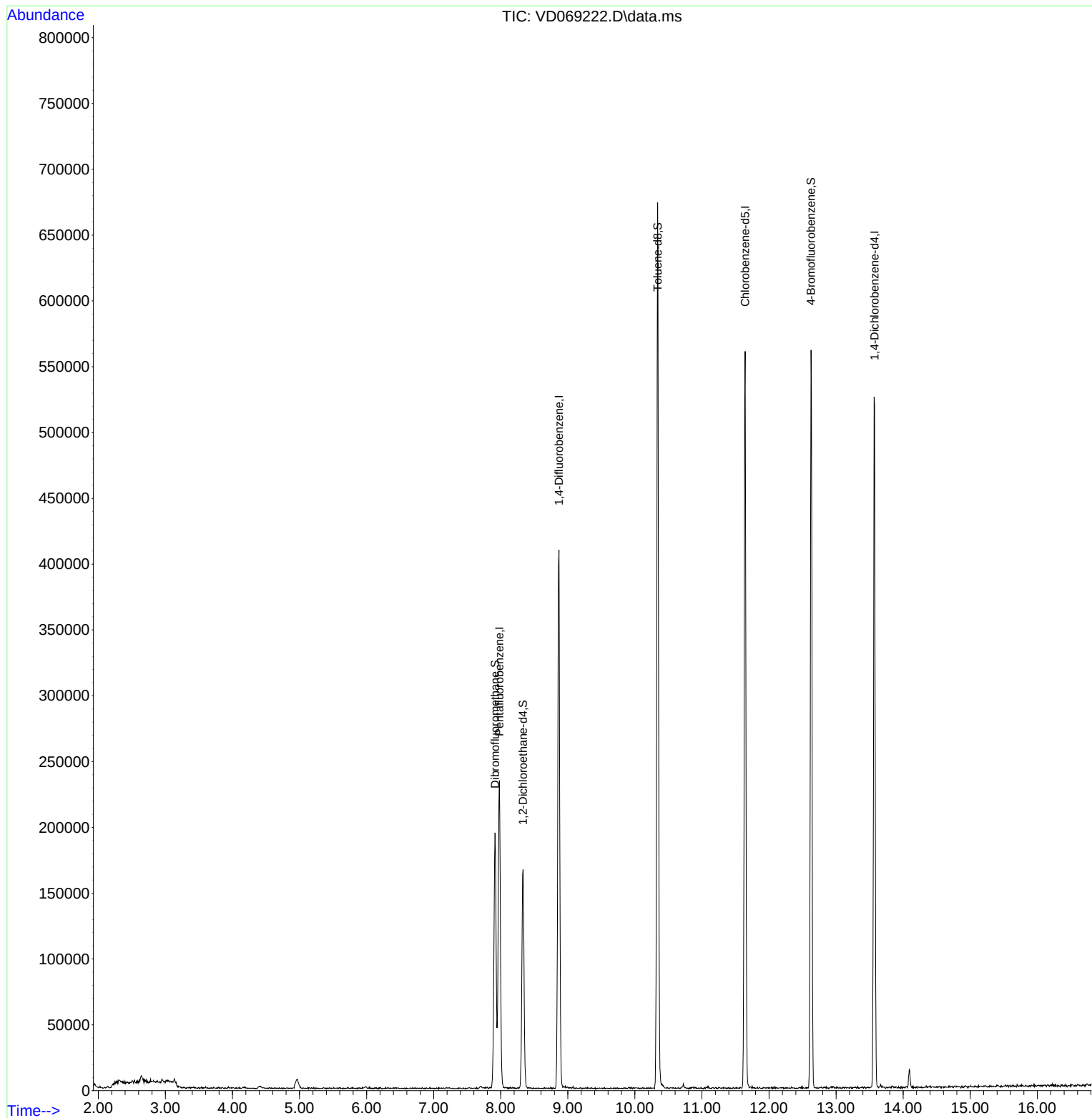
Target Compounds	Qvalue

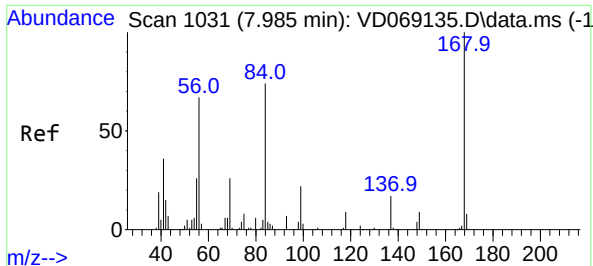
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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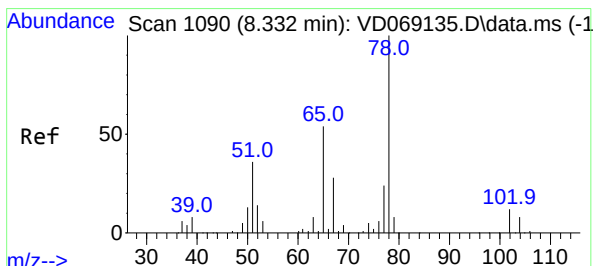
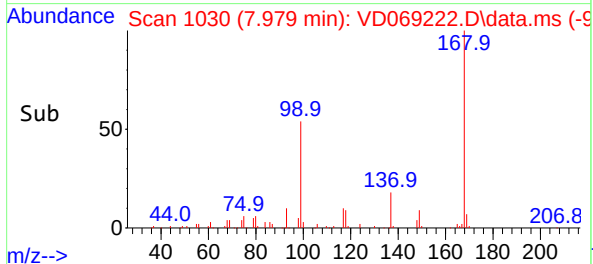
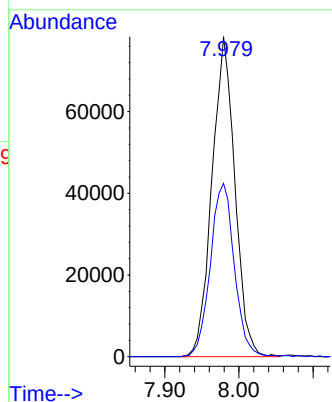
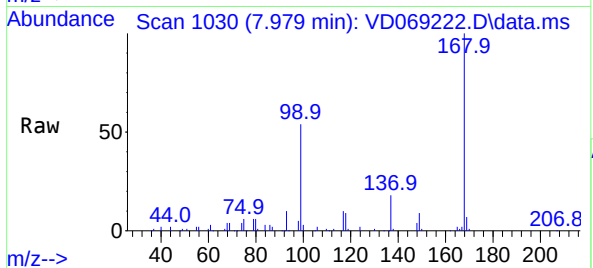




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069222.D
Acq: 20 May 2021 16:51

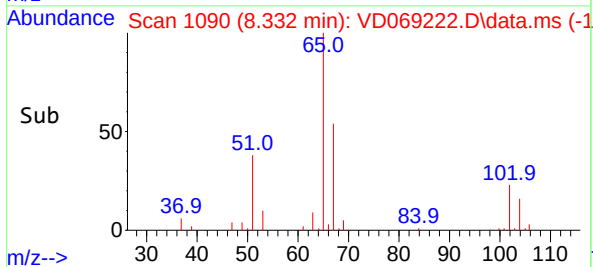
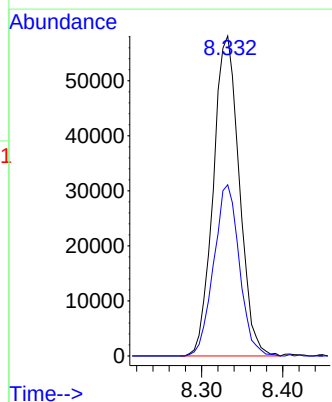
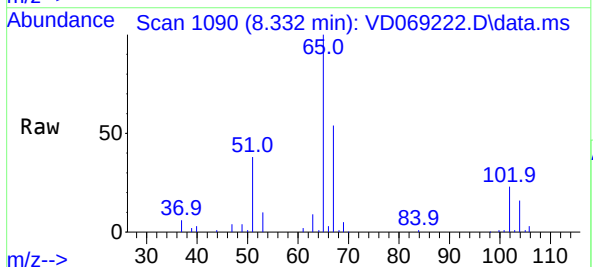
Instrument :
MSVOA_D
ClientSampleId :
1-5-TP

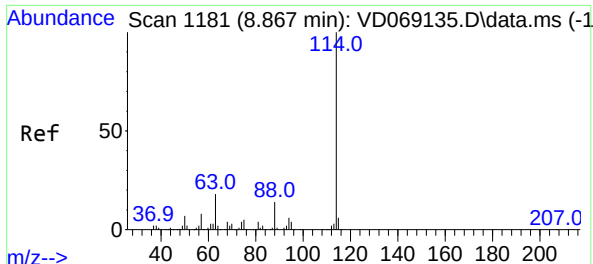
Tgt Ion:168 Resp: 168079
Ion Ratio Lower Upper
168 100
99 54.2 47.2 70.8



#33
1,2-Dichloroethane-d4
Concen: 76.80 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069222.D
Acq: 20 May 2021 16:51

Tgt Ion: 65 Resp: 129399
Ion Ratio Lower Upper
65 100
67 52.8 0.0 108.0



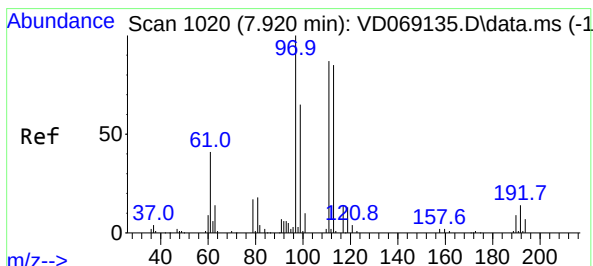
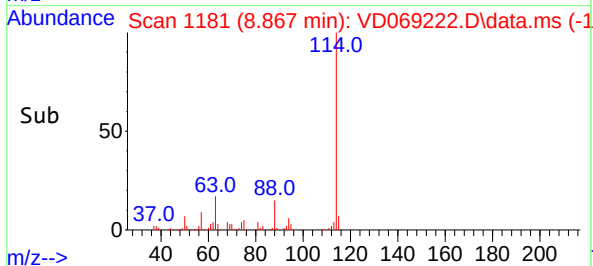
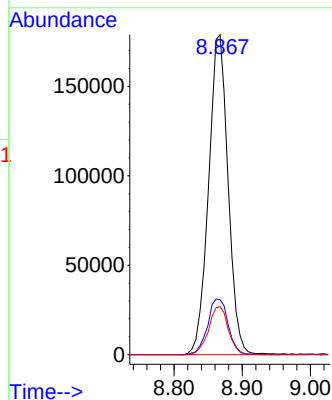
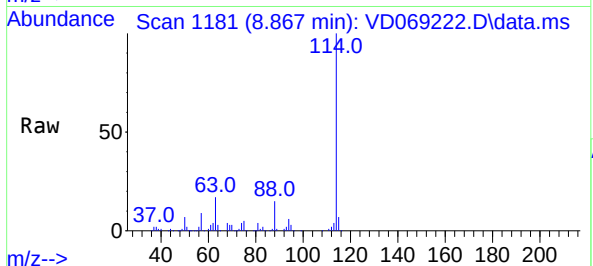


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069222.D
Acq: 20 May 2021 16:51

Instrument :
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1-5-TP

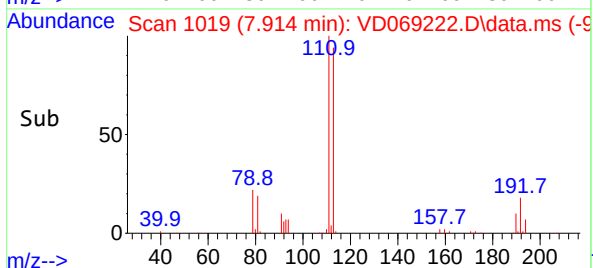
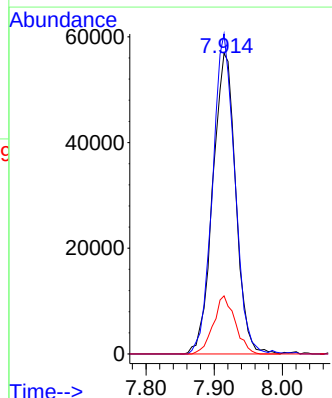
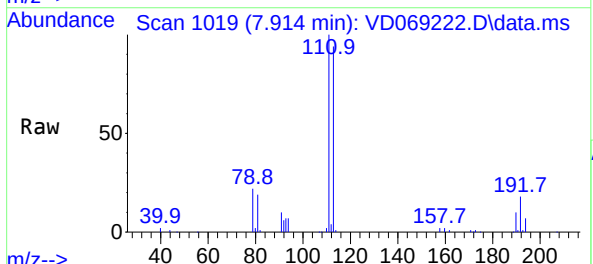
Tgt Ion:114 Resp: 356007
Ion Ratio Lower Upper
114 100
63 17.2 0.0 36.4
88 15.0 0.0 28.2

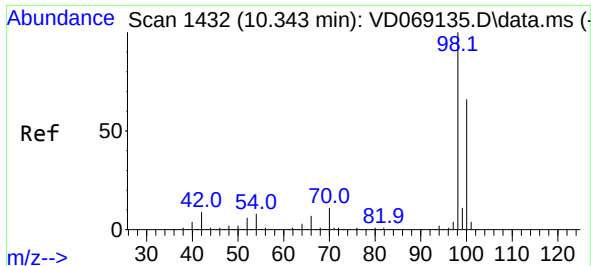


#35

Dibromofluoromethane
Concen: 57.48 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD069222.D
Acq: 20 May 2021 16:51

Tgt Ion:113 Resp: 133178
Ion Ratio Lower Upper
113 100
111 103.2 80.6 120.8
192 18.3 14.8 22.2

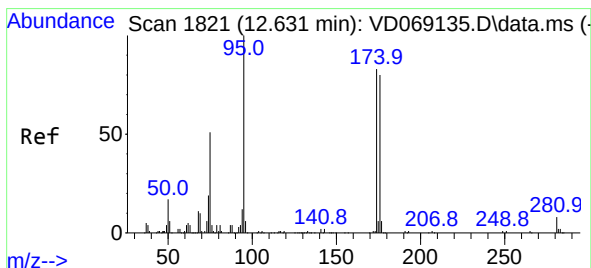
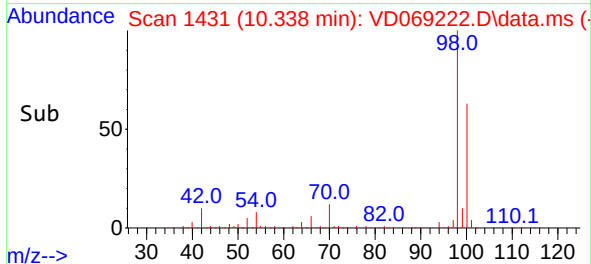
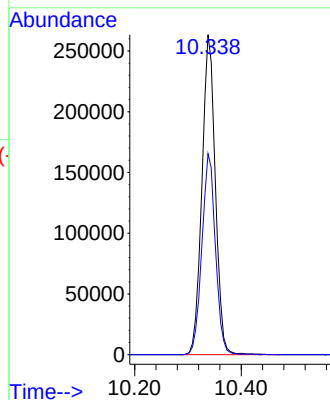
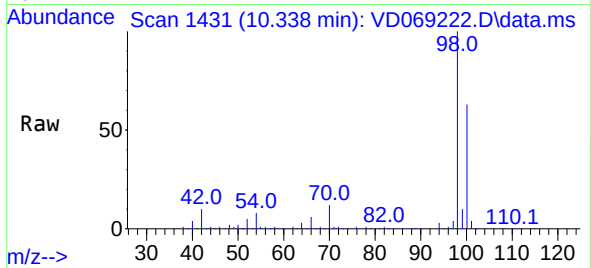




#50
Toluene-d8
Concen: 53.88 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD069222.D
Acq: 20 May 2021 16:51

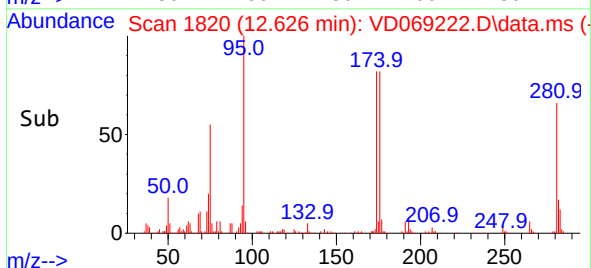
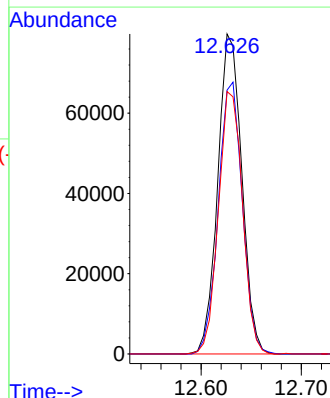
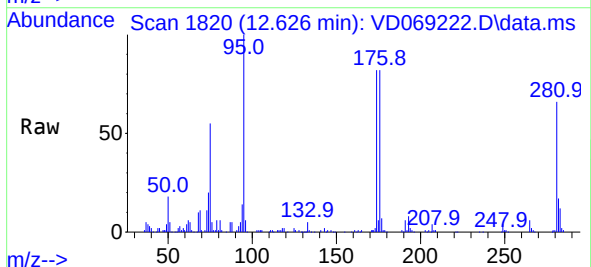
Instrument :
MSVOA_D
ClientSampleId :
1-5-TP

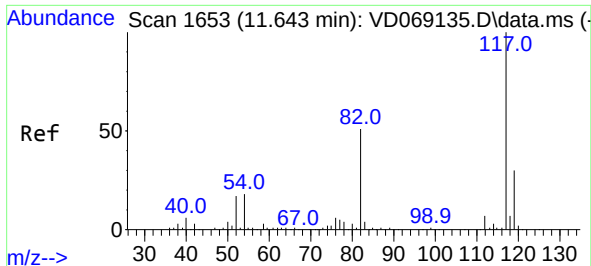
Tgt Ion: 98 Resp: 458694
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 48.52 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.005 min
Lab File: VD069222.D
Acq: 20 May 2021 16:51

Tgt Ion: 95 Resp: 132917
Ion Ratio Lower Upper
95 100
174 84.6 0.0 171.8
176 81.8 0.0 165.4

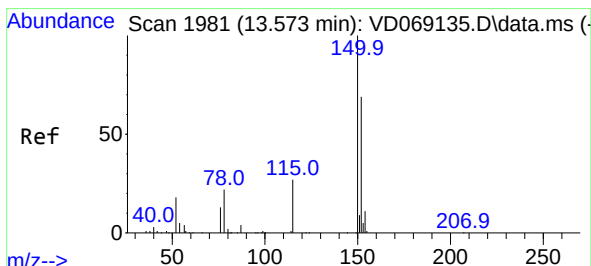
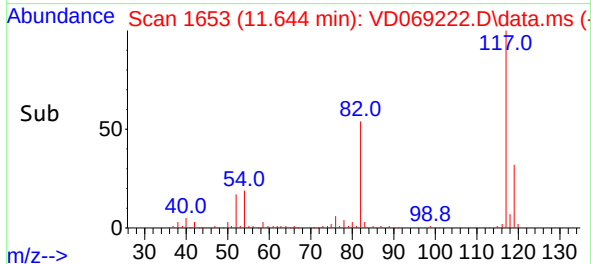
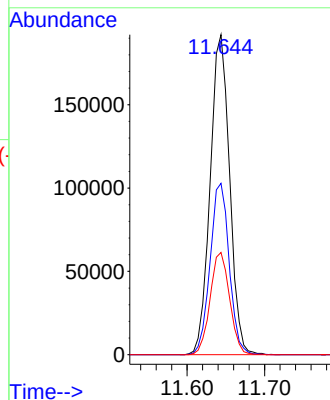
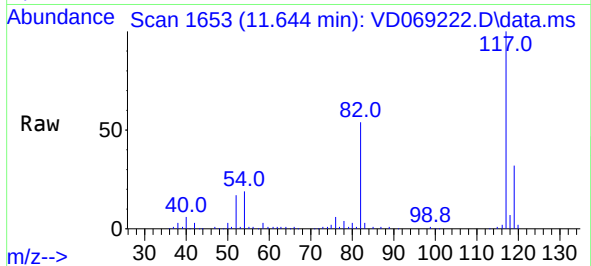




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069222.D
Acq: 20 May 2021 16:51

Instrument :
MSVOA_D
ClientSampleId :
1-5-TP

Tgt Ion:117 Resp: 334579
Ion Ratio Lower Upper
117 100
82 53.5 40.5 60.7
119 31.9 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: VD069222.D
Acq: 20 May 2021 16:51

Tgt Ion:152 Resp: 142893
Ion Ratio Lower Upper
152 100
115 56.8 29.9 89.8
150 155.5 0.0 350.2

