

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050621\
 Data File : VD069083.D
 Acq On : 06 May 2021 18:55
 Operator : VA/SY
 Sample : M2305-02
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-1A

Quant Time: May 07 01:11:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	88543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	153265	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	184645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	91728	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	57154	50.09	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.18%	
35) Dibromofluoromethane	7.914	113	59125	56.25	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.50%	
50) Toluene-d8	10.338	98	199476	51.41	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.82%	
62) 4-Bromofluorobenzene	12.626	95	78582	61.57	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 123.14%	

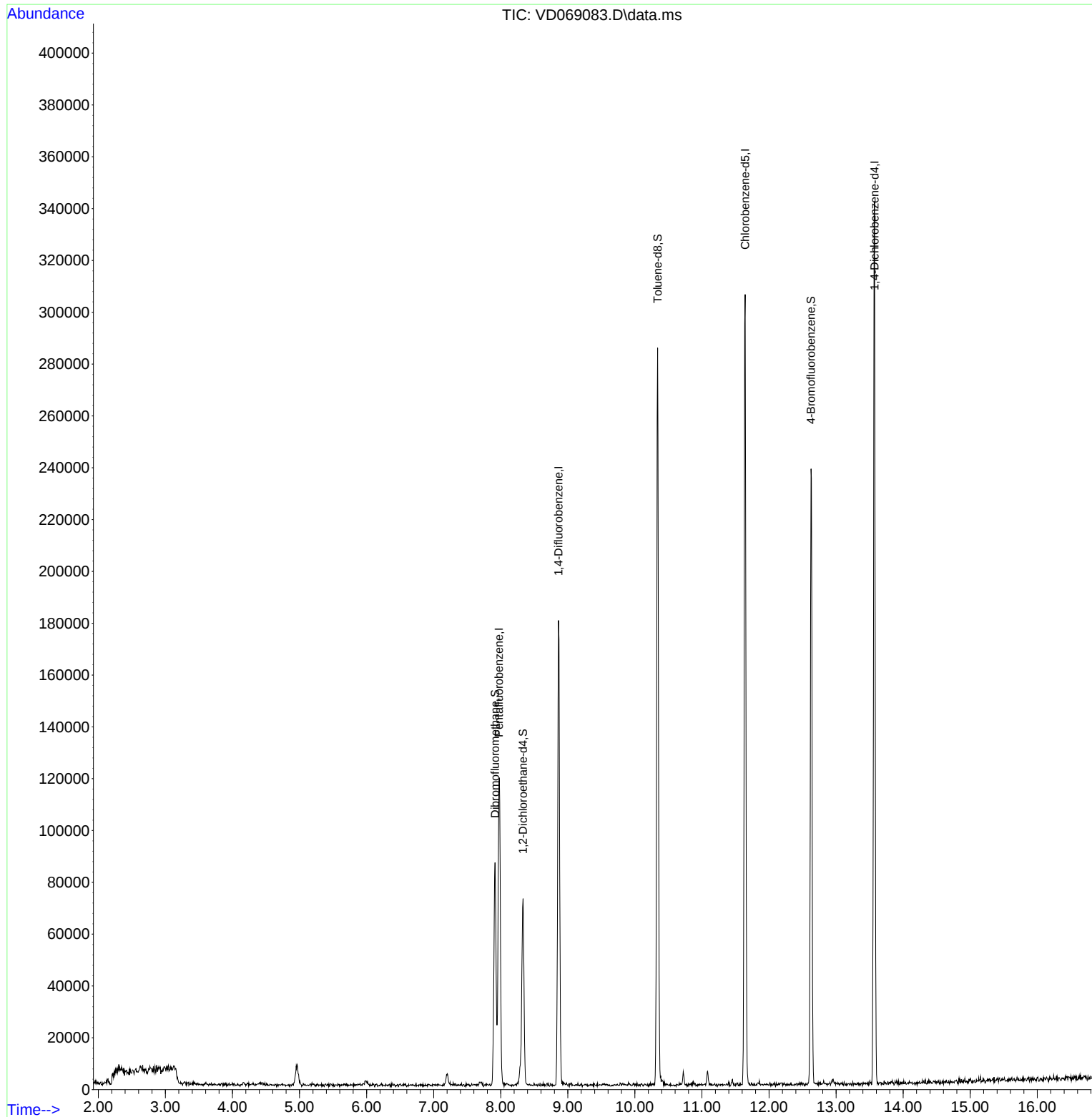
Target Compounds	Qvalue

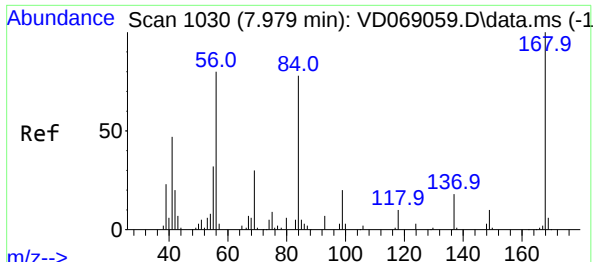
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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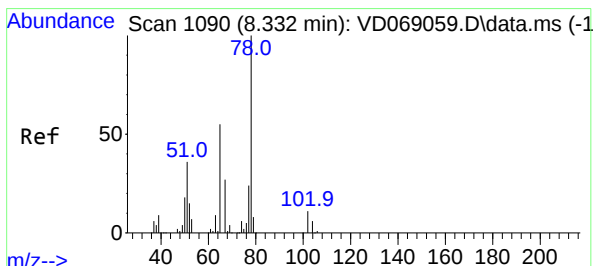
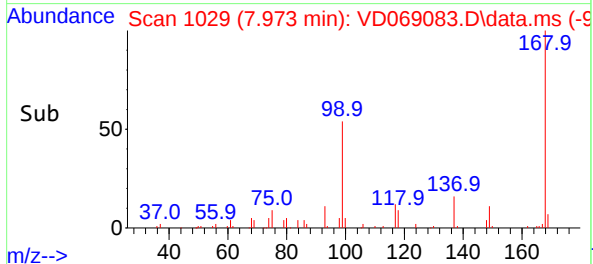
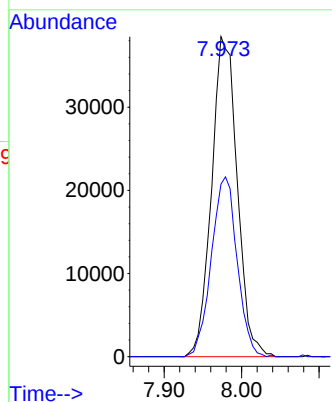
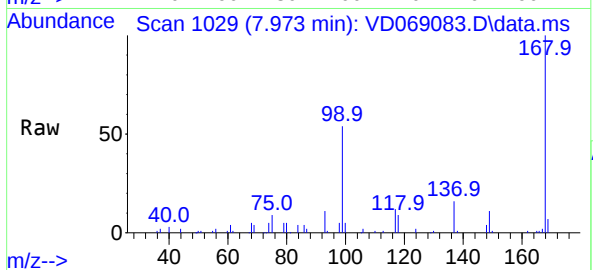




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069083.D
Acq: 06 May 2021 18:55

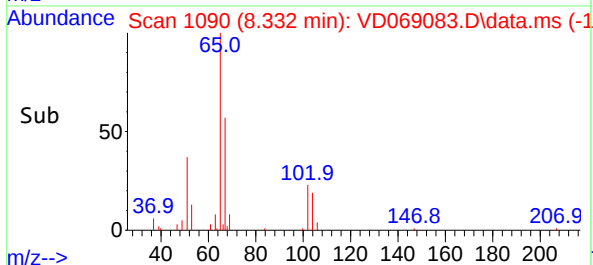
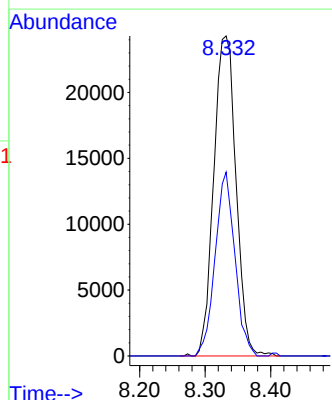
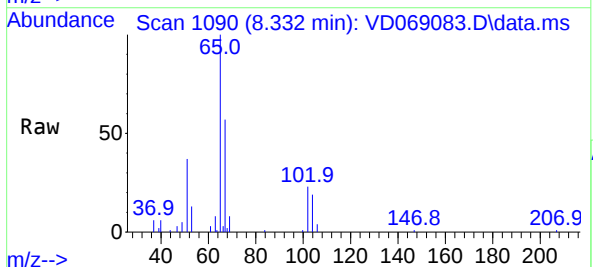
Instrument :
MSVOA_D
ClientSampleId :
P-1A

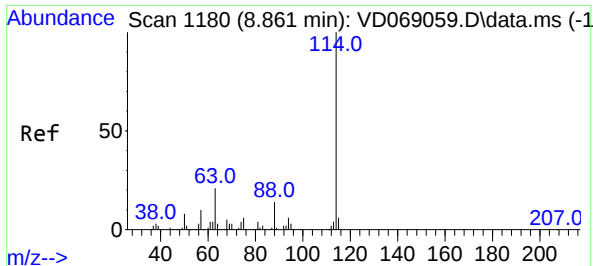
Tgt Ion:168 Resp: 88543
Ion Ratio Lower Upper
168 100
99 54.0 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 50.09 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069083.D
Acq: 06 May 2021 18:55

Tgt Ion: 65 Resp: 57154
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.4



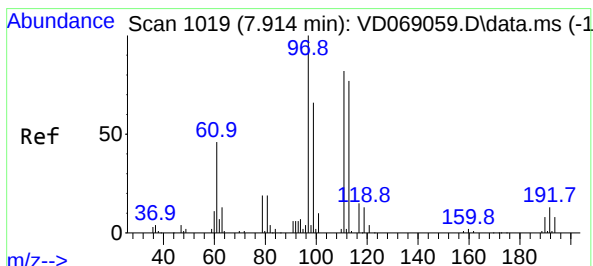
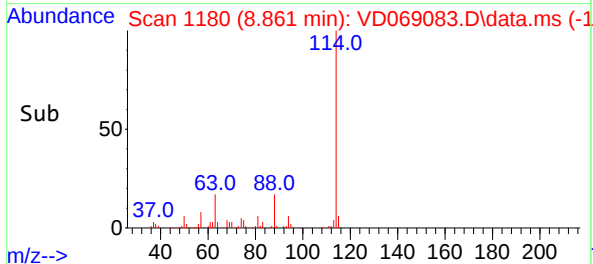
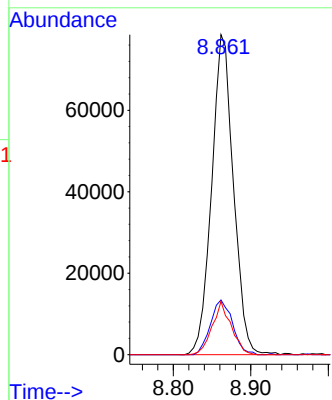
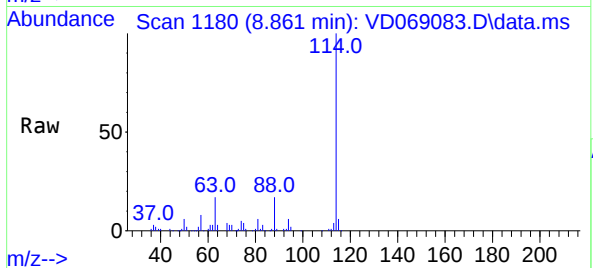


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069083.D
Acq: 06 May 2021 18:55

Instrument :
MSVOA_D
ClientSampled :
P-1A

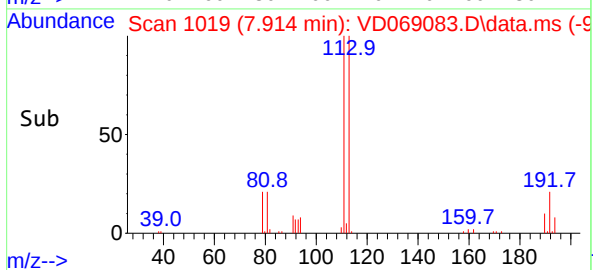
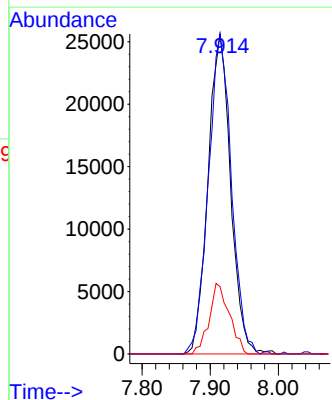
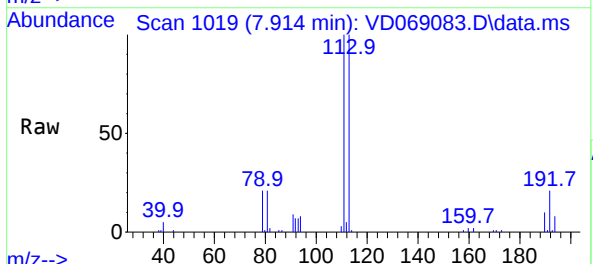
Tgt Ion:	114	Resp:	153265
Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	41.4
88	16.7	0.0	27.8

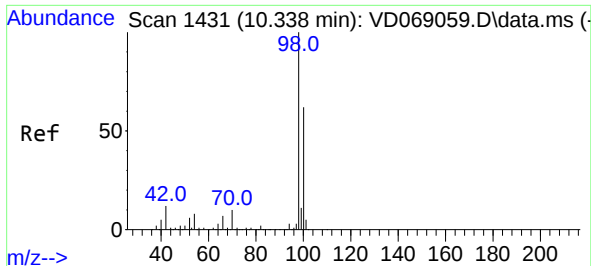


#35

Dibromofluoromethane
Concen: 56.25 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069083.D
Acq: 06 May 2021 18:55

Tgt Ion:	113	Resp:	59125
Ion	Ratio	Lower	Upper
113	100		
111	101.9	84.6	126.8
192	19.7	13.5	20.3

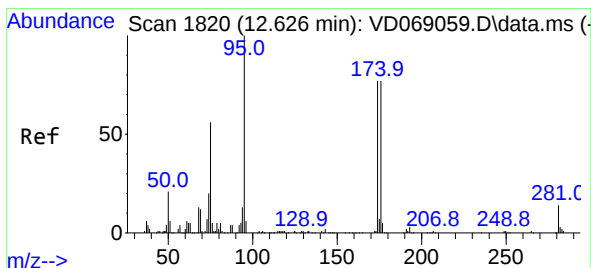
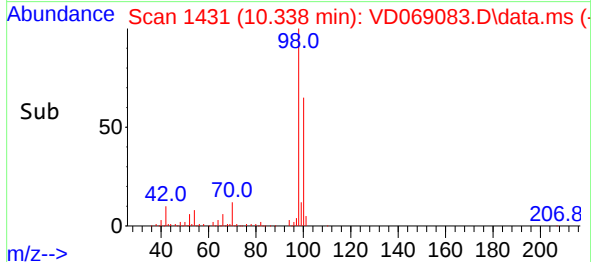
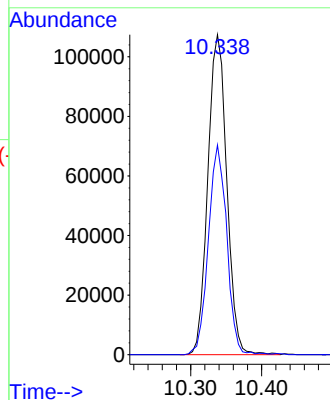
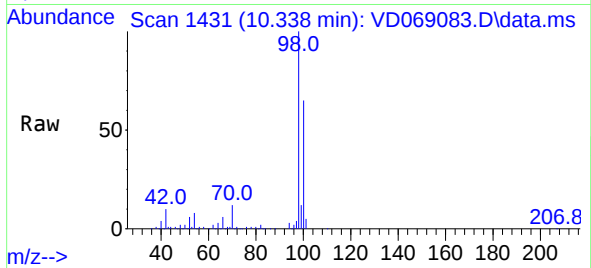




#50
Toluene-d8
Concen: 51.41 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069083.D
Acq: 06 May 2021 18:55

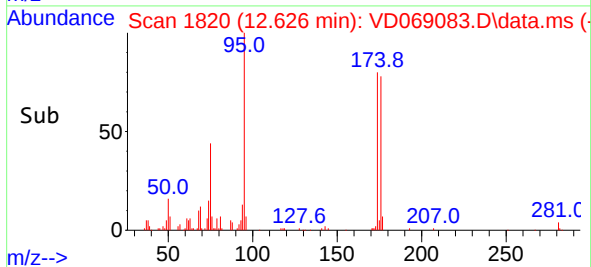
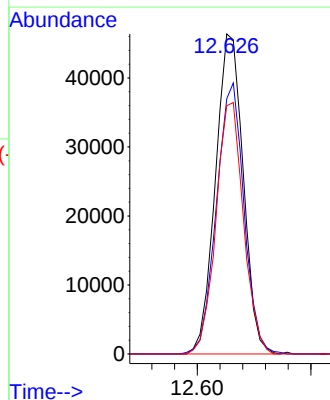
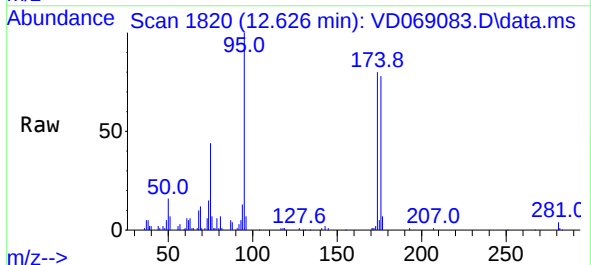
Instrument :
MSVOA_D
ClientSampled :
P-1A

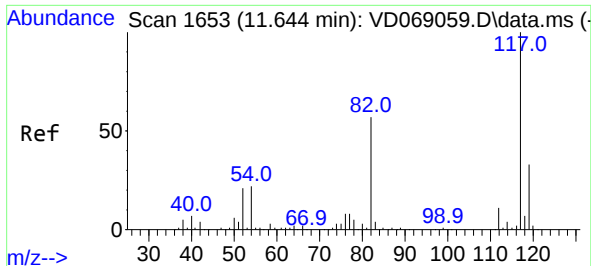
Tgt Ion: 98 Resp: 199476
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 61.57 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069083.D
Acq: 06 May 2021 18:55

Tgt Ion: 95 Resp: 78582
Ion Ratio Lower Upper
95 100
174 84.3 0.0 156.0
176 77.9 0.0 149.4

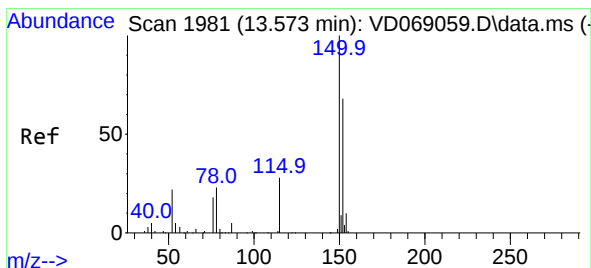
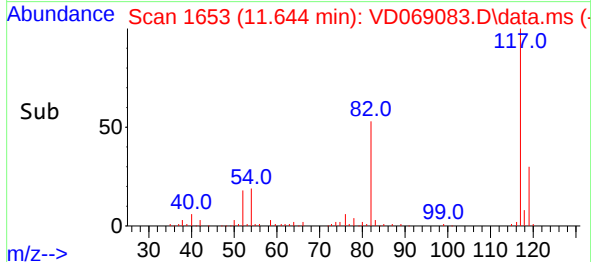
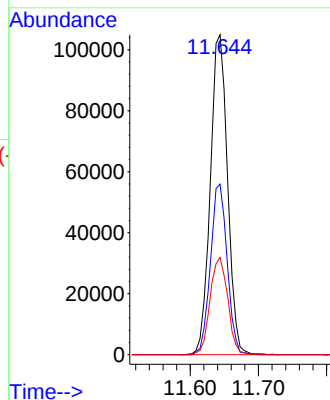
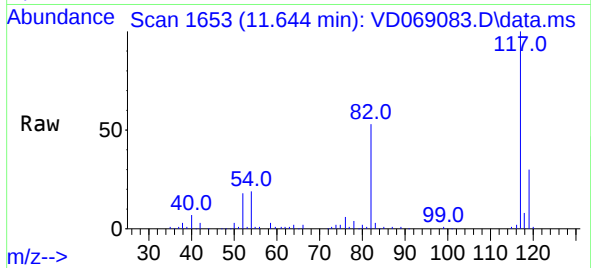




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069083.D
Acq: 06 May 2021 18:55

Instrument :
MSVOA_D
ClientSampled :
P-1A

Tgt Ion:117 Resp: 184645
Ion Ratio Lower Upper
117 100
82 53.3 45.4 68.2
119 30.4 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069083.D
Acq: 06 May 2021 18:55

Tgt Ion:152 Resp: 91728
Ion Ratio Lower Upper
152 100
115 58.4 30.5 91.5
150 159.3 0.0 340.8

