

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050321\
 Data File : VD069053.D
 Acq On : 03 May 2021 20:40
 Operator : VA/SY
 Sample : M2263-02
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1A

Quant Time: May 04 04:17:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050321S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 04 03:51:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	4010	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	7572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	7624	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	3602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	4870	96.16	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	192.32%#
35) Dibromofluoromethane	7.914	113	2636	52.64	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.28%
50) Toluene-d8	10.332	98	9072	48.92	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.84%
62) 4-Bromofluorobenzene	12.620	95	3278	52.36	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.72%

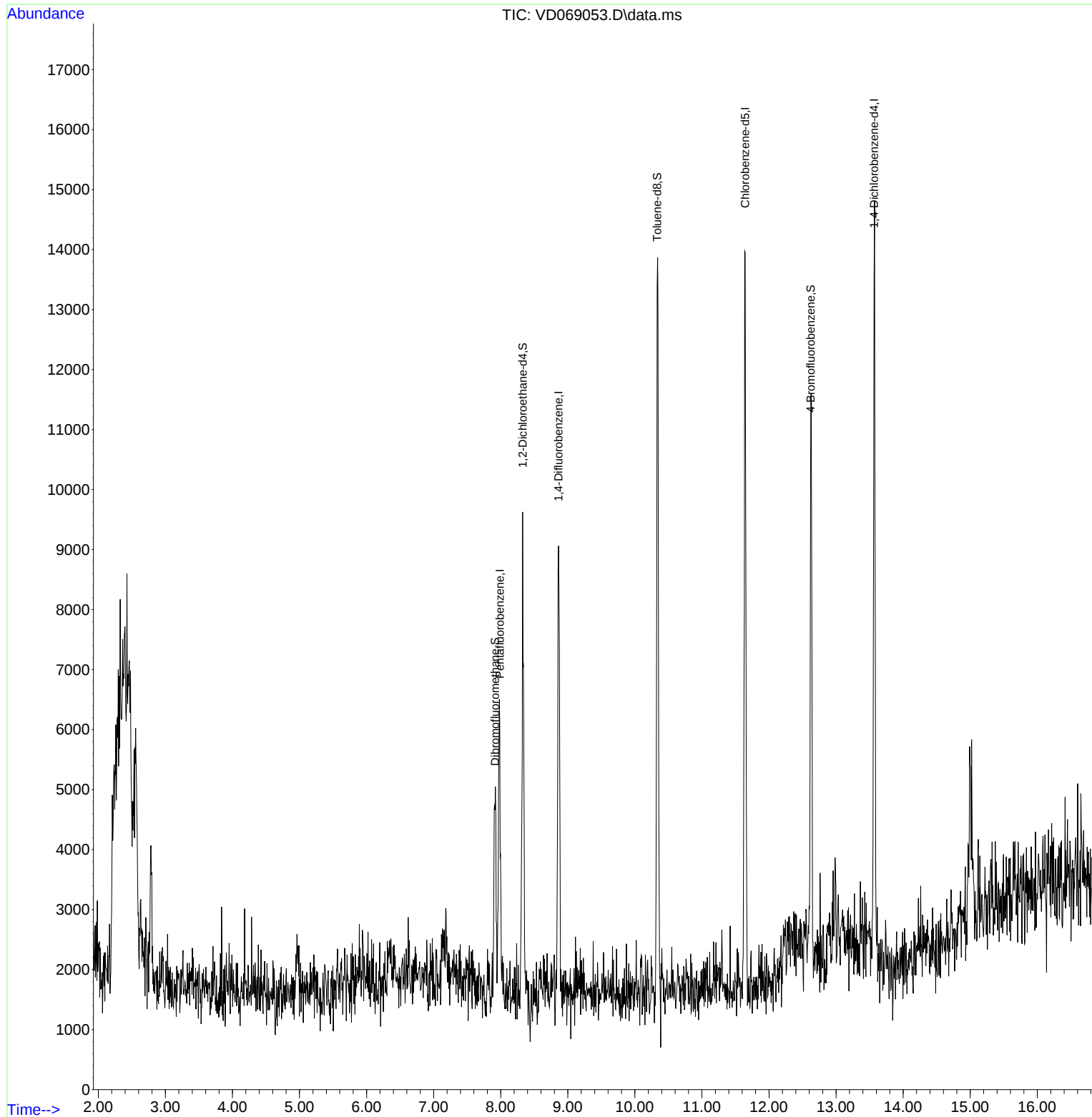
Target Compounds	Qvalue

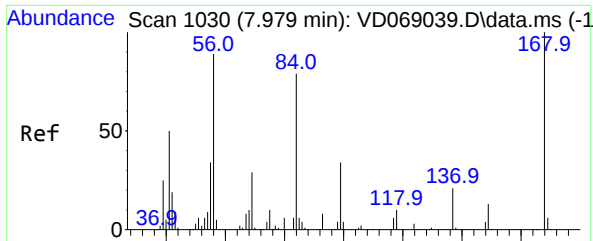
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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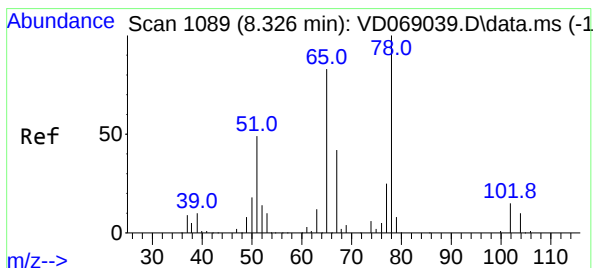
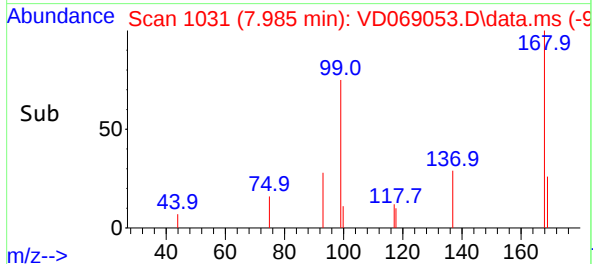
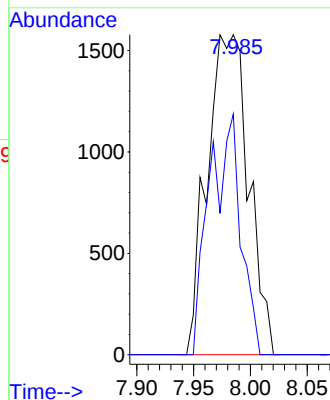
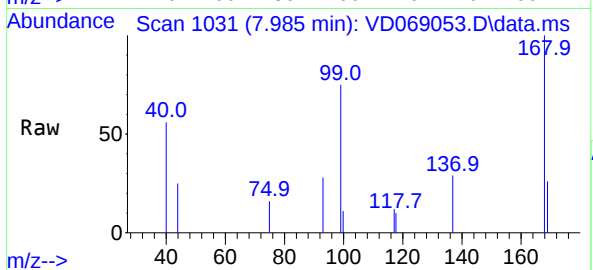




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.985 min Scan# 1031
 Delta R.T. 0.006 min
 Lab File: VD069053.D
 Acq: 03 May 2021 20:40

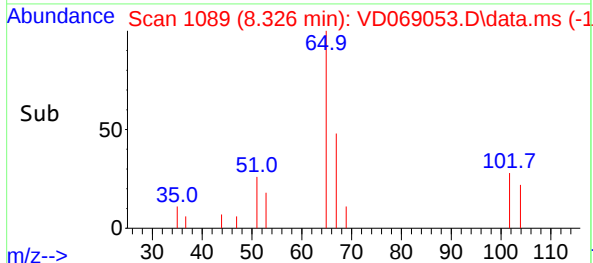
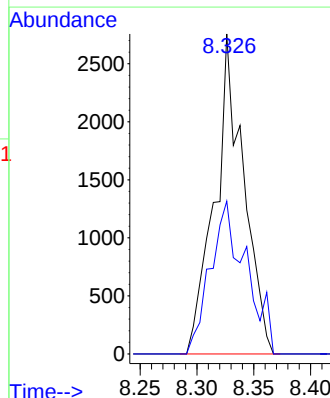
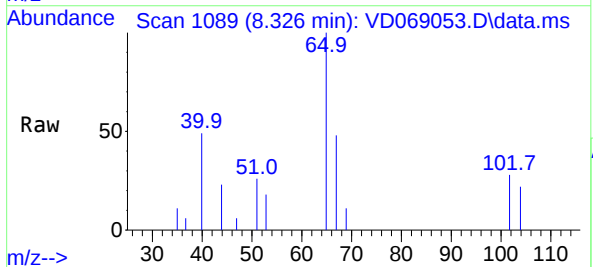
Instrument :
 MSVOA_D
 ClientSampleId :
 S-1A

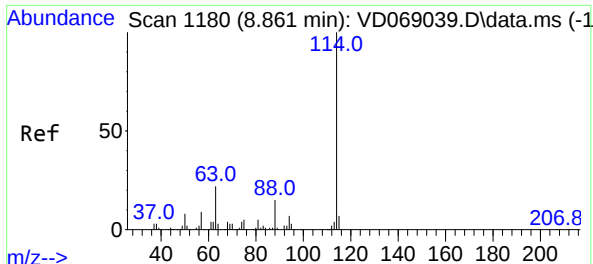
Tgt Ion:168 Resp: 4010
 Ion Ratio Lower Upper
 168 100
 99 75.2 46.2 69.2#



1,2-Dichloroethane-d4
 Concen: 96.16 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. 0.000 min
 Lab File: VD069053.D
 Acq: 03 May 2021 20:40

Tgt Ion: 65 Resp: 4870
 Ion Ratio Lower Upper
 65 100
 67 59.0 0.0 106.0



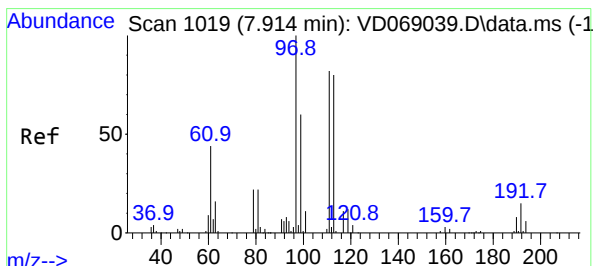
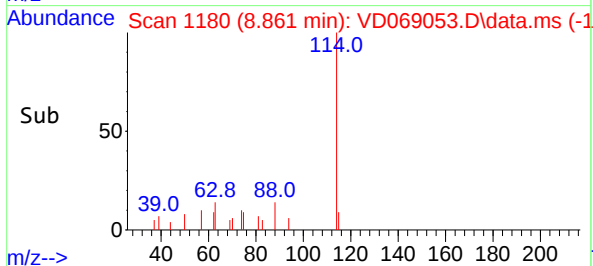
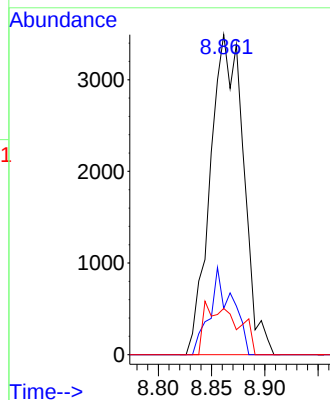
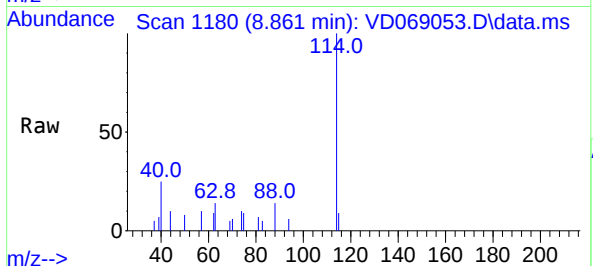


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069053.D
Acq: 03 May 2021 20:40

Instrument :
MSVOA_D
ClientSampled :
S-1A

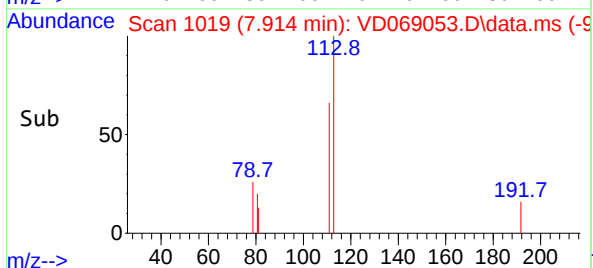
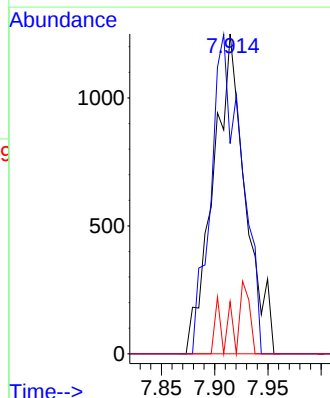
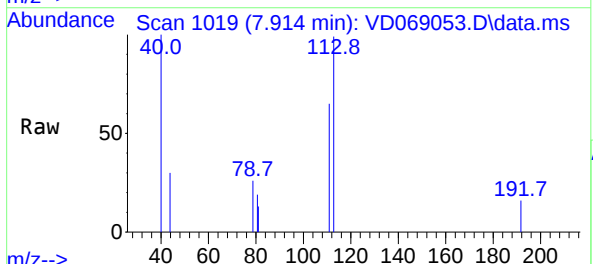
Tgt Ion:	114	Resp:	7572
Ion	Ratio	Lower	Upper
114	100		
63	14.4	0.0	38.2
88	14.5	0.0	29.4

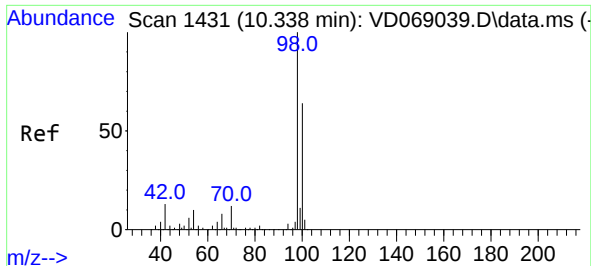


#35

Dibromofluoromethane
Concen: 52.64 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069053.D
Acq: 03 May 2021 20:40

Tgt Ion:	113	Resp:	2636
Ion	Ratio	Lower	Upper
113	100		
111	95.3	82.5	123.7
192	3.0	15.1	22.7

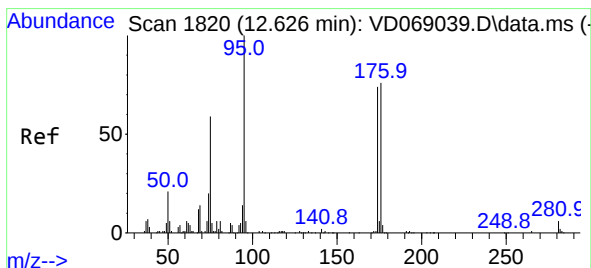
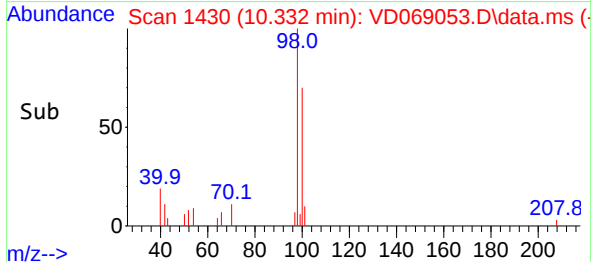
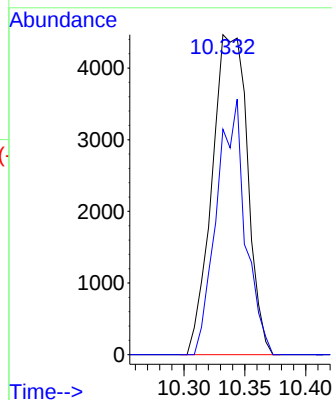
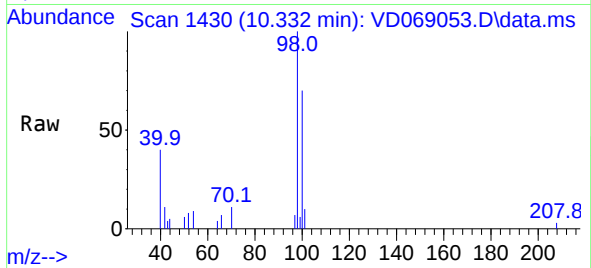




#50
Toluene-d8
Concen: 48.92 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069053.D
Acq: 03 May 2021 20:40

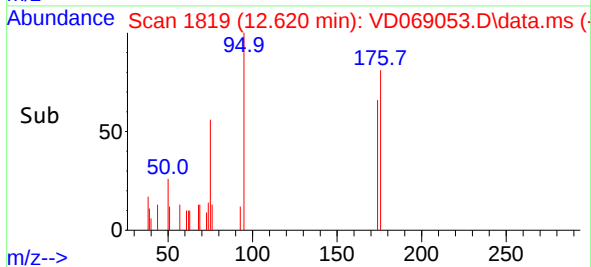
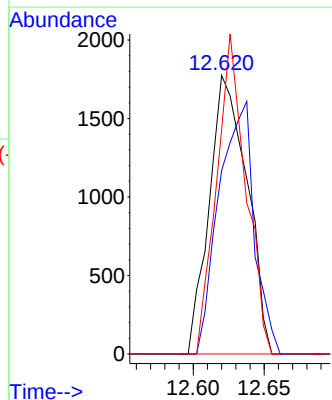
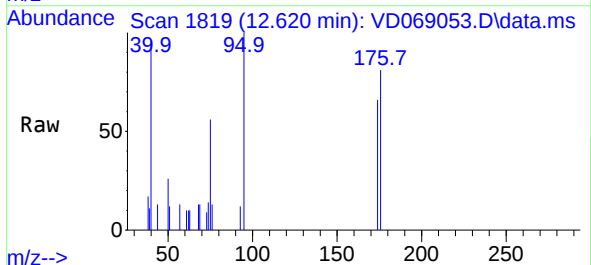
Instrument :
MSVOA_D
ClientSampled :
S-1A

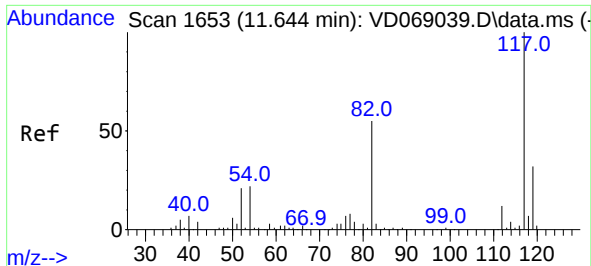
Tgt Ion: 98 Resp: 9072
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.36 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD069053.D
Acq: 03 May 2021 20:40

Tgt Ion: 95 Resp: 3278
Ion Ratio Lower Upper
95 100
174 84.3 0.0 168.0
176 88.8 0.0 160.2

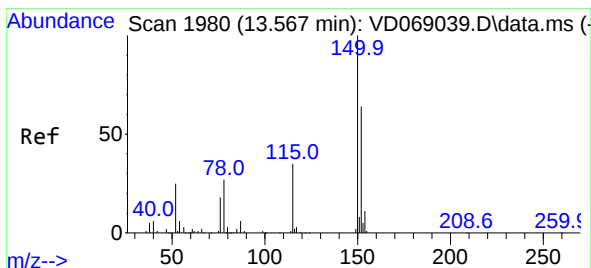
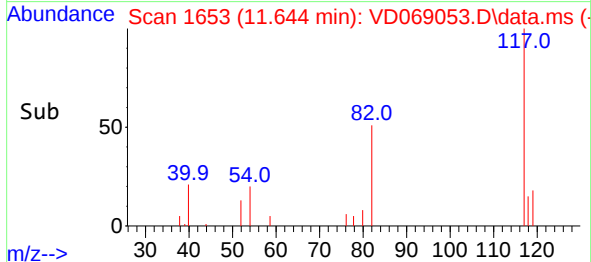
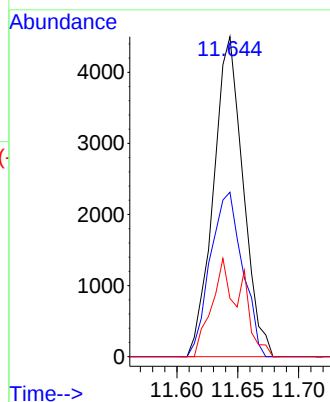
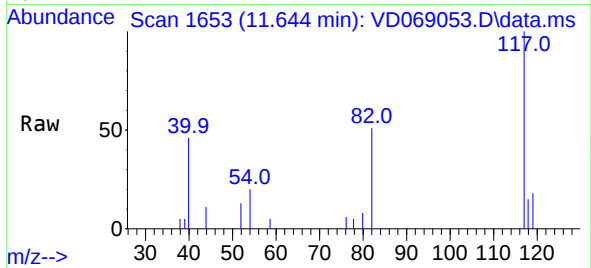




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069053.D
Acq: 03 May 2021 20:40

Instrument :
MSVOA_D
ClientSampled :
S-1A

Tgt Ion:	117	Resp:	7624
Ion	Ratio	Lower	Upper
117	100		
82	51.4	43.5	65.3
119	18.2	26.7	40.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069053.D
Acq: 03 May 2021 20:40

Tgt Ion:	152	Resp:	3602
Ion	Ratio	Lower	Upper
152	100		
115	63.7	29.3	87.8
150	150.1	0.0	347.6

