

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050321\
 Data File : VD069051.D
 Acq On : 03 May 2021 19:42
 Operator : VA/SY
 Sample : M2237-01
 Misc : 7.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-043021

Quant Time: May 04 04:16:34 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	7.973	168	9281	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	19087	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	19873	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	8582	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	15549	132.66	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 265.32%#	
35) Dibromofluoromethane	7.914	113	9779	77.47	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 154.94%#	
50) Toluene-d8	10.338	98	22515	48.16	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.32%	
62) 4-Bromofluorobenzene	12.626	95	8141	51.58	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.16%	

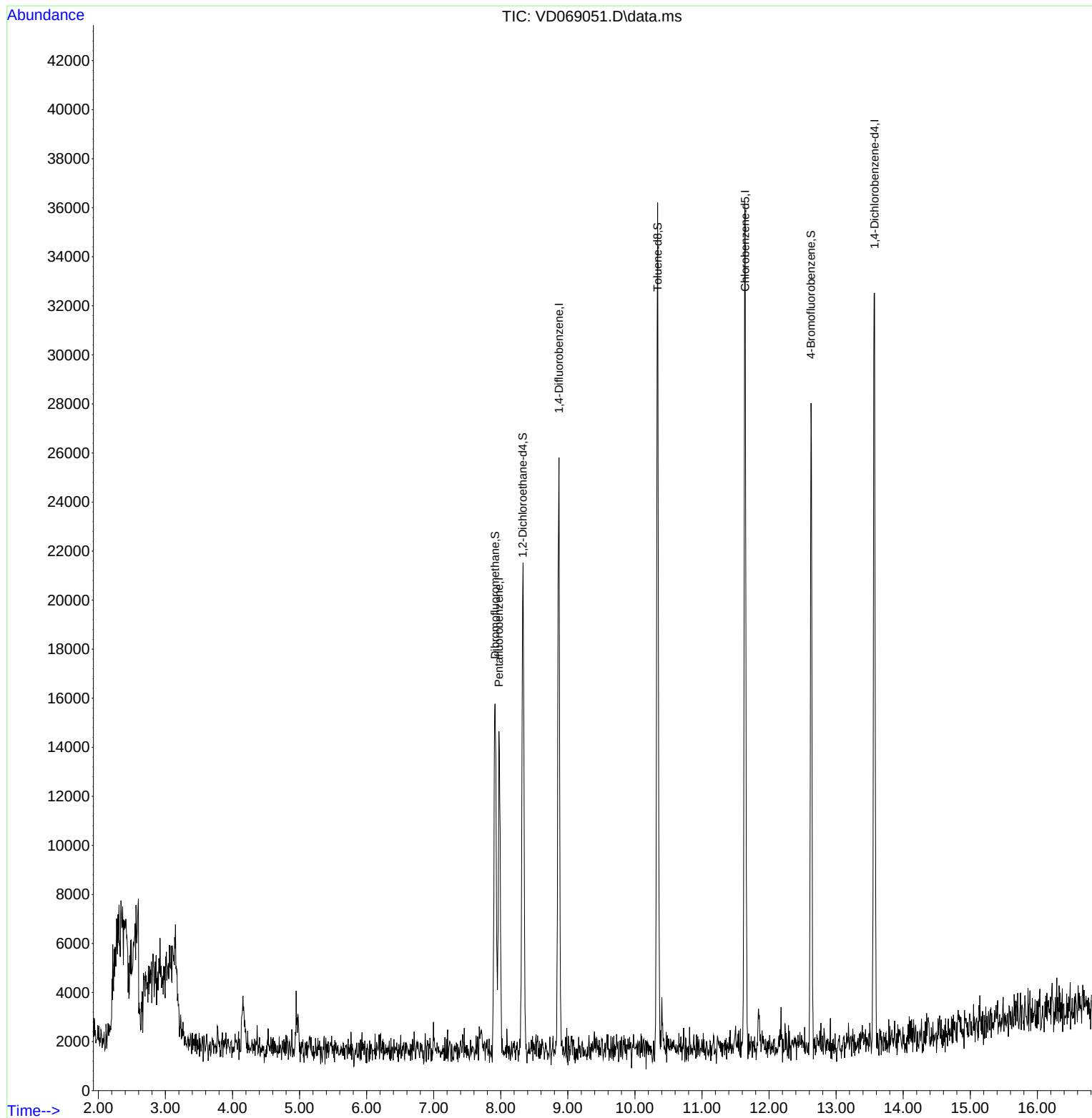
Target Compounds	Qvalue

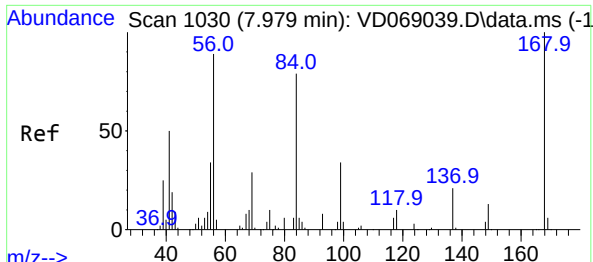
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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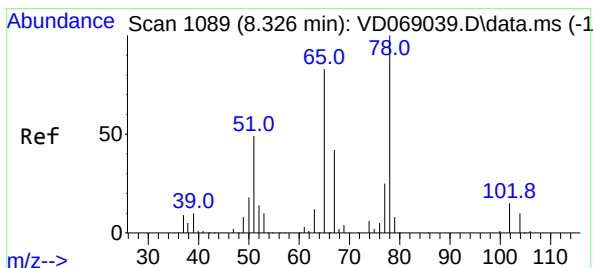
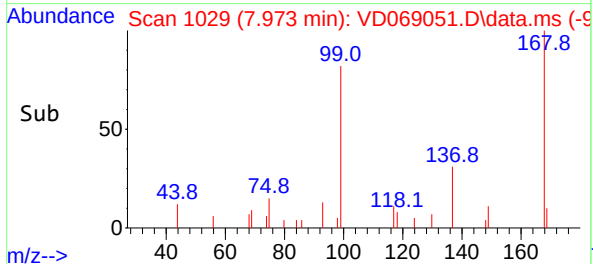
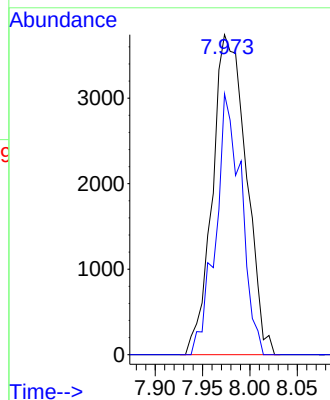
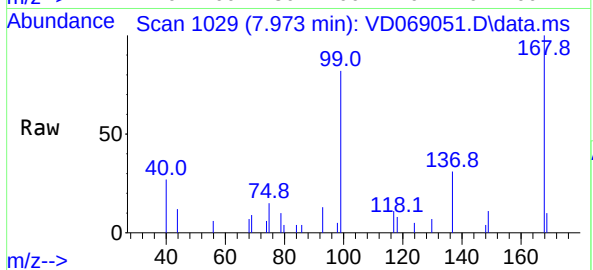




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069051.D
Acq: 03 May 2021 19:42

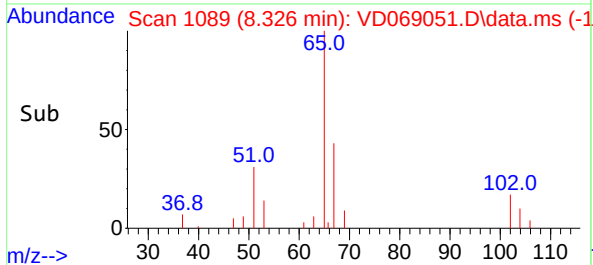
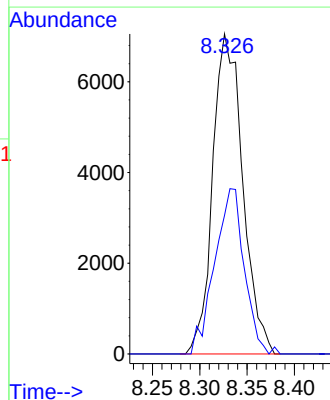
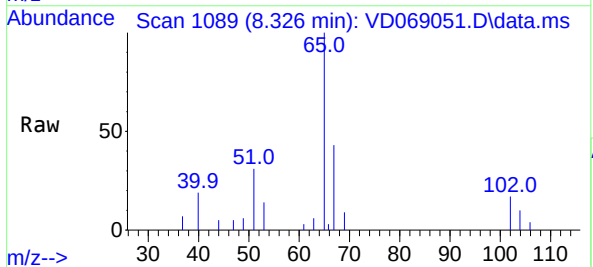
Instrument :
MSVOA_D
ClientSampleId :
JC-02-043021

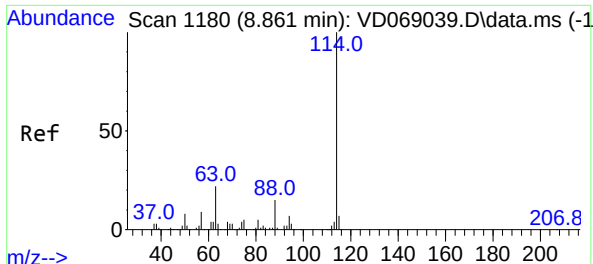
Tgt Ion:168 Resp: 9281
Ion Ratio Lower Upper
168 100
99 81.5 46.2 69.2#



#33
1,2-Dichloroethane-d4
Concen: 132.66 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069051.D
Acq: 03 May 2021 19:42

Tgt Ion: 65 Resp: 15549
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.0



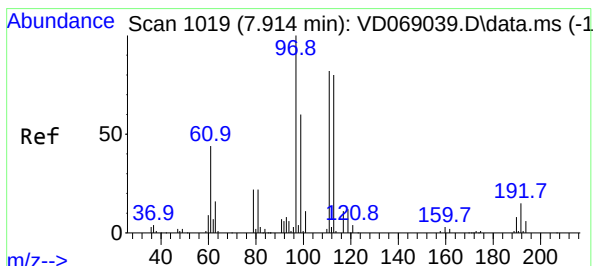
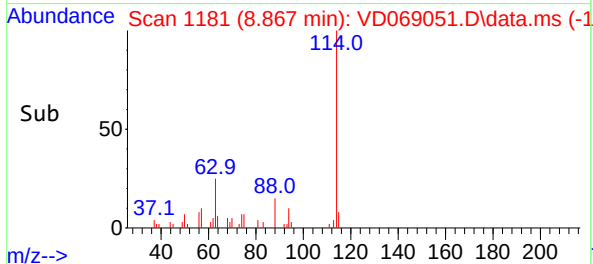
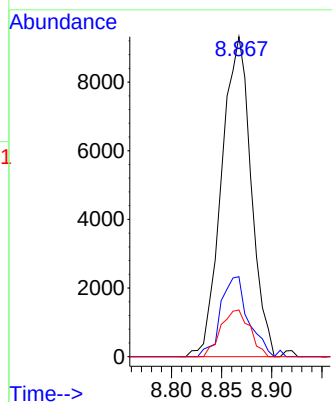
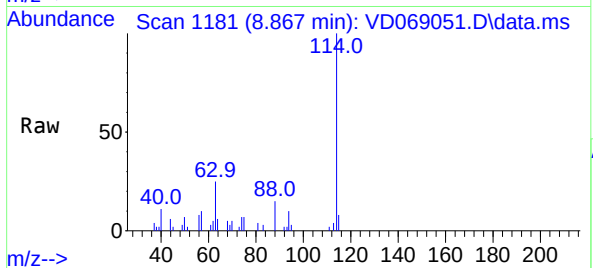


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD069051.D
Acq: 03 May 2021 19:42

Instrument :
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ClientSampleId :
JC-02-043021

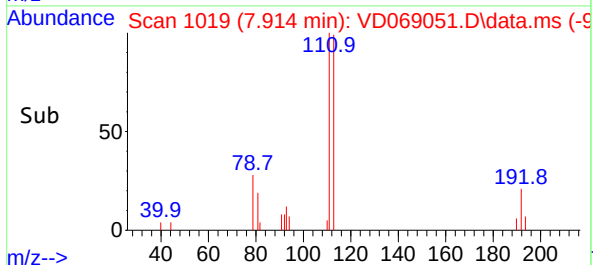
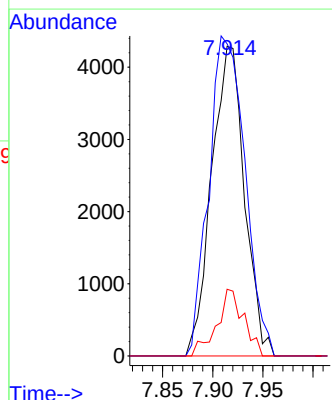
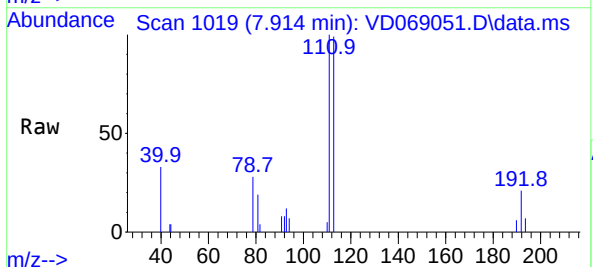
Tgt Ion:	114	Resp:	19087
Ion Ratio	Lower	Upper	
114	100		
63	25.0	0.0	38.2
88	14.6	0.0	29.4

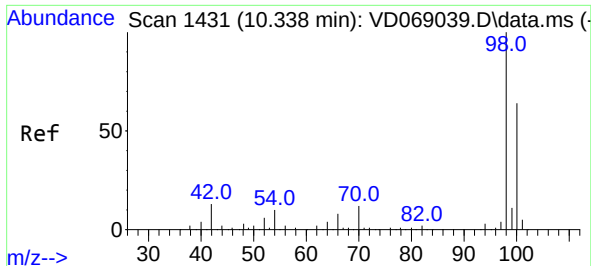


#35

Dibromofluoromethane
Concen: 77.47 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069051.D
Acq: 03 May 2021 19:42

Tgt Ion:	113	Resp:	9779
Ion Ratio	Lower	Upper	
113	100		
111	113.8	82.5	123.7
192	17.5	15.1	22.7

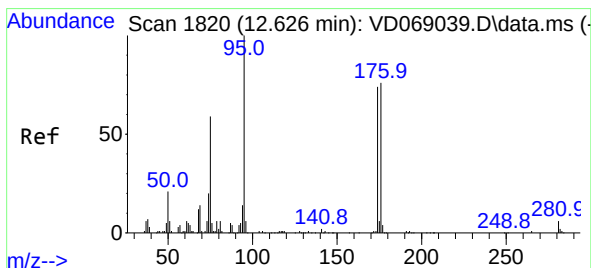
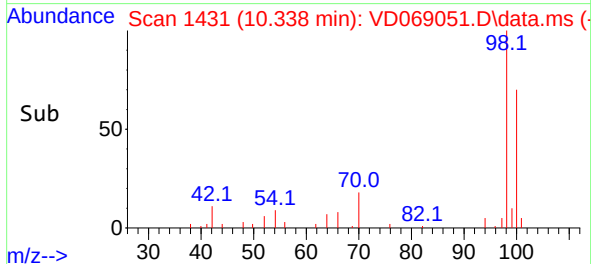
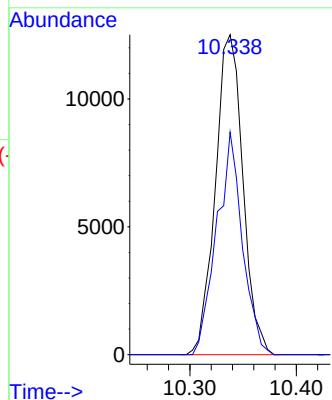
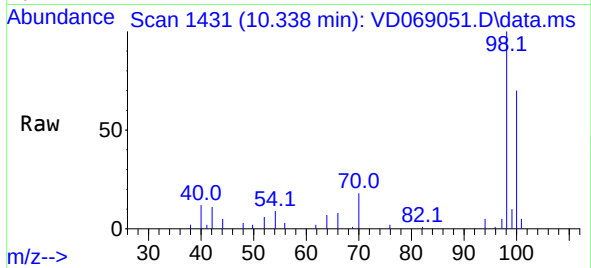




#50
Toluene-d8
Concen: 48.16 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069051.D
Acq: 03 May 2021 19:42

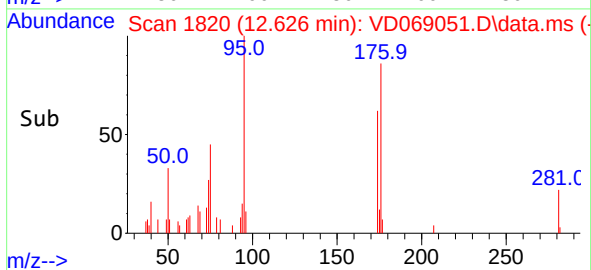
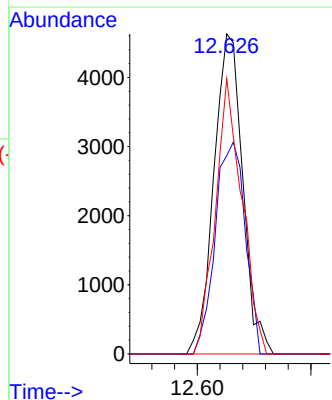
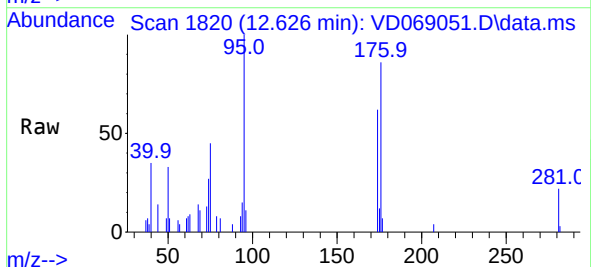
Instrument :
MSVOA_D
ClientSampleId :
JC-02-043021

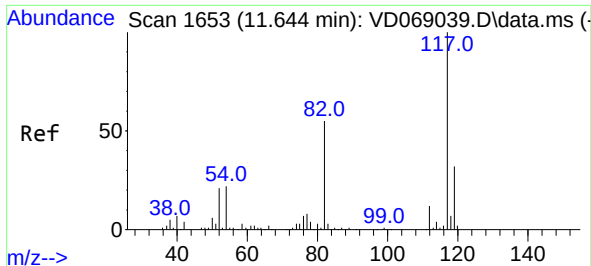
Tgt Ion: 98 Resp: 22515
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.58 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069051.D
Acq: 03 May 2021 19:42

Tgt Ion: 95 Resp: 8141
Ion Ratio Lower Upper
95 100
174 69.1 0.0 168.0
176 79.6 0.0 160.2

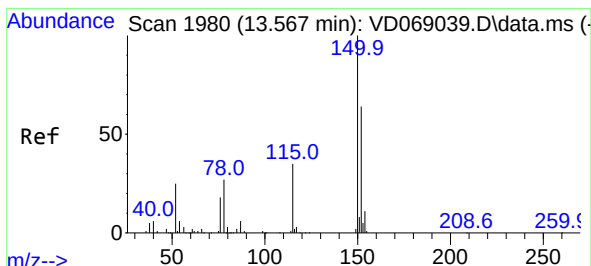
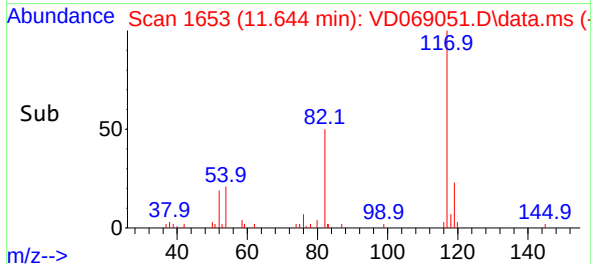
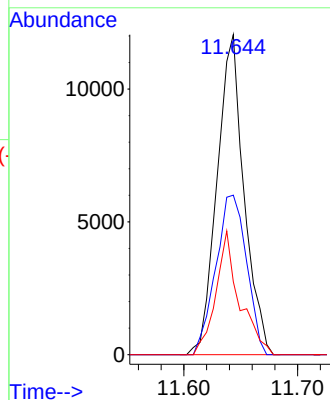
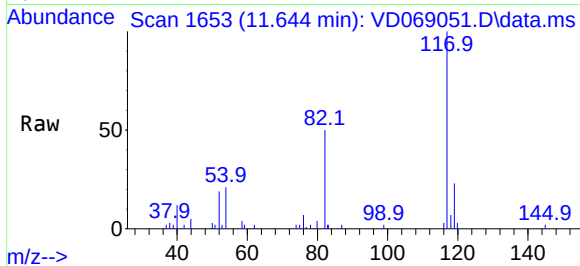




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069051.D
Acq: 03 May 2021 19:42

Instrument :
MSVOA_D
ClientSampleId :
JC-02-043021

Tgt Ion:	117	Resp:	19873
Ion Ratio	Lower	Upper	
117	100		
82	49.9	43.5	65.3
119	22.8	26.7	40.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.006 min
Lab File: VD069051.D
Acq: 03 May 2021 19:42

Tgt Ion:	152	Resp:	8582
Ion Ratio	Lower	Upper	
152	100		
115	63.3	29.3	87.8
150	160.4	0.0	347.6

