

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060821\
 Data File : VD069390.D
 Acq On : 08 Jun 2021 14:21
 Operator : VA/SY
 Sample : M2638-02
 Misc : 11.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ND-1

Quant Time: Jun 09 02:09:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	304163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	560517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	572323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	249877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	184266	63.137	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.280%	
35) Dibromofluoromethane	7.914	113	204256	58.029	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.060%	
50) Toluene-d8	10.338	98	715493	55.899	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.800%	
62) 4-Bromofluorobenzene	12.632	95	238408	56.843	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.680%	

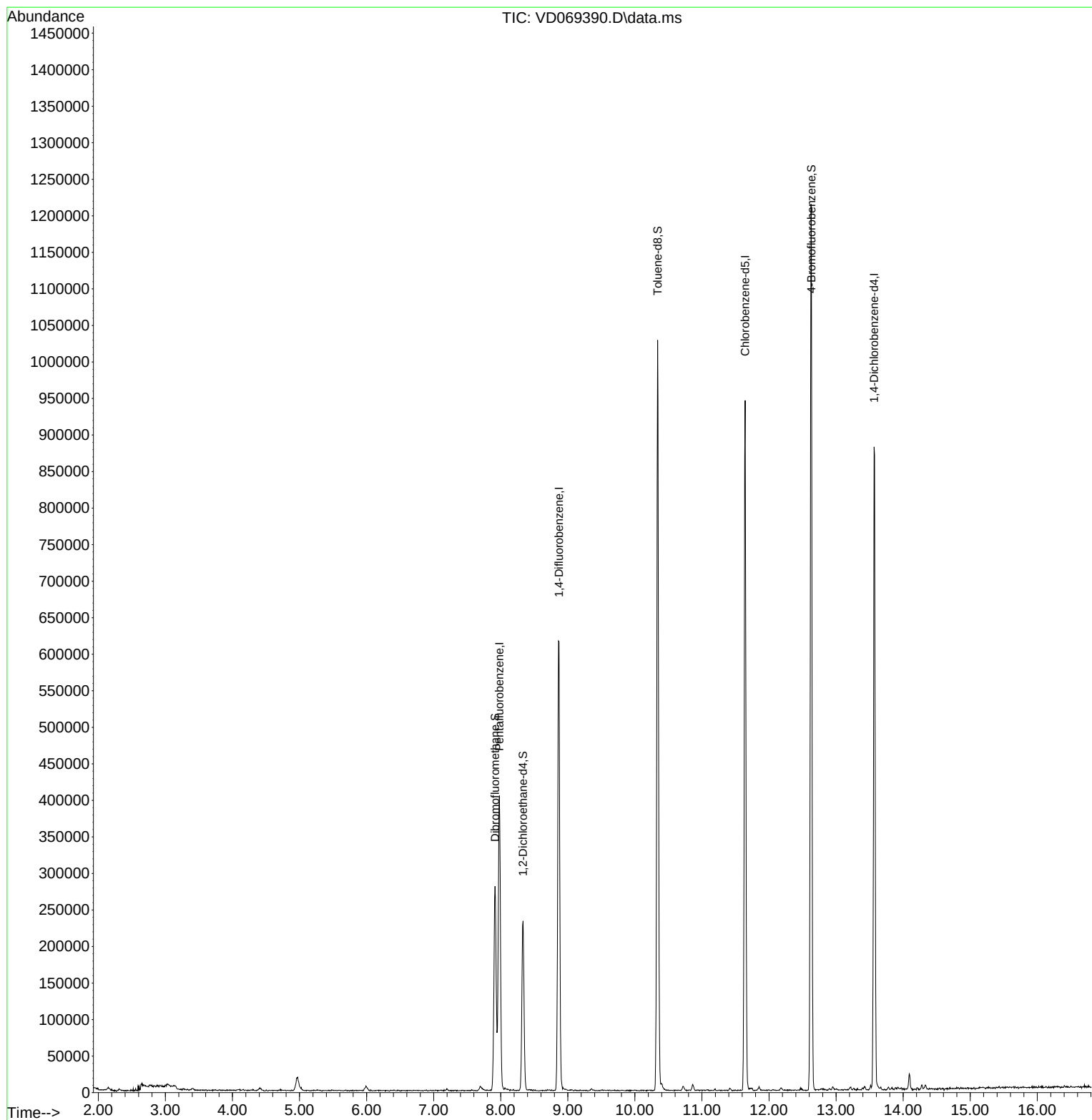
Target Compounds	Qvalue

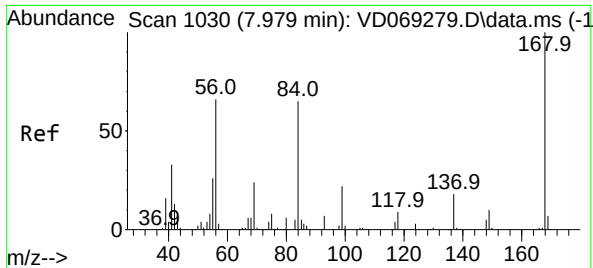
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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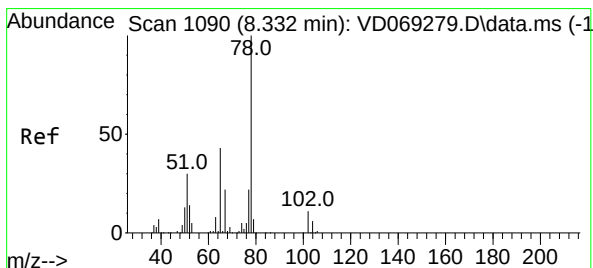
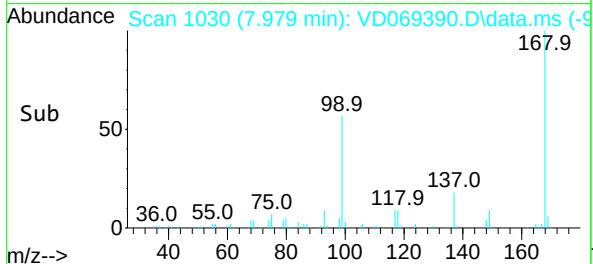
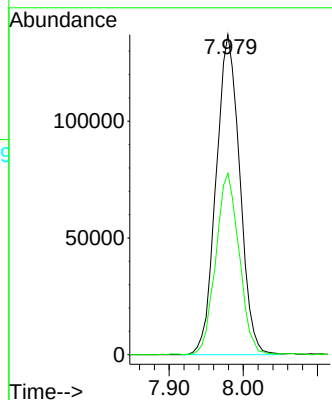
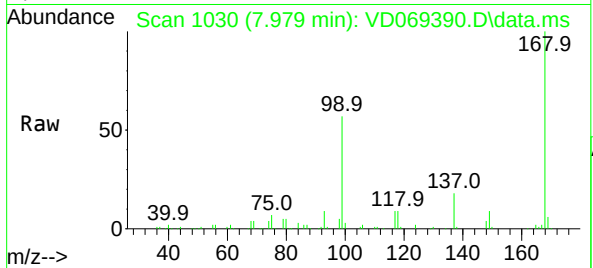




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

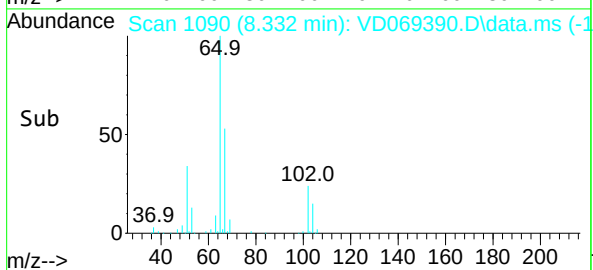
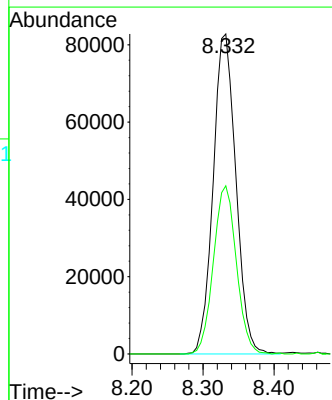
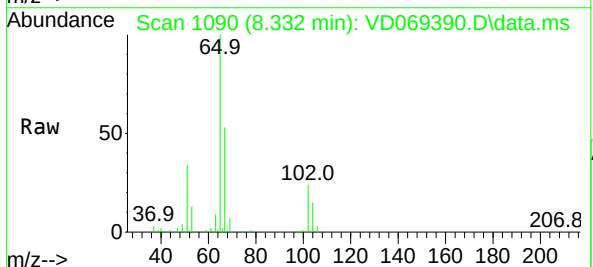
Instrument :
MSVOA_D
ClientSampleId :
ND-1

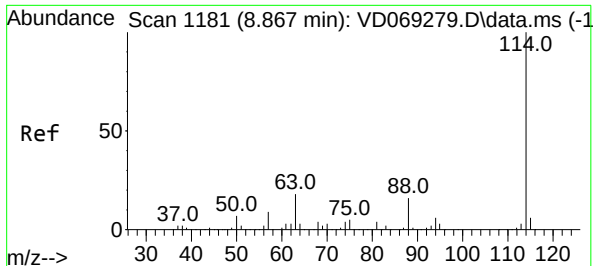
Tgt Ion:168 Resp: 304163
Ion Ratio Lower Upper
168 100
99 56.4 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 63.137 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

Tgt Ion: 65 Resp: 184266
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.8

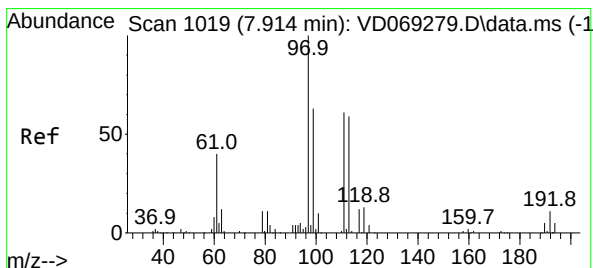
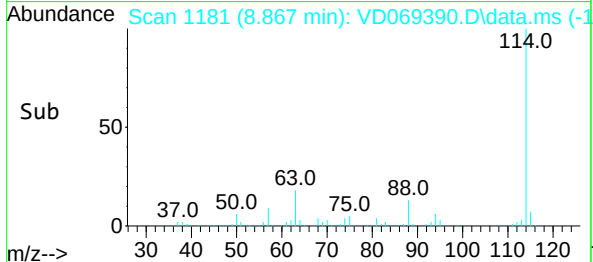
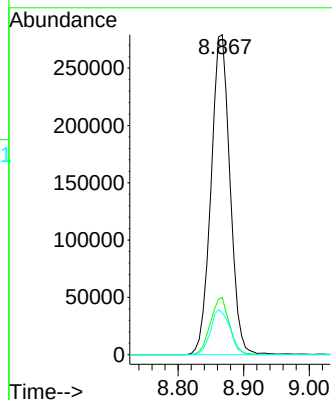
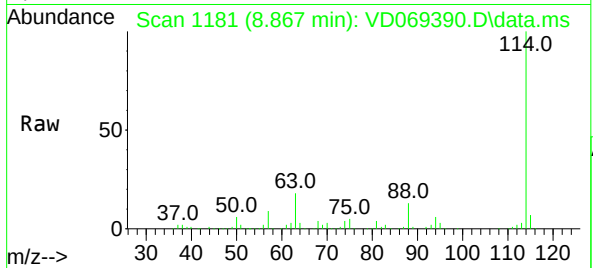




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

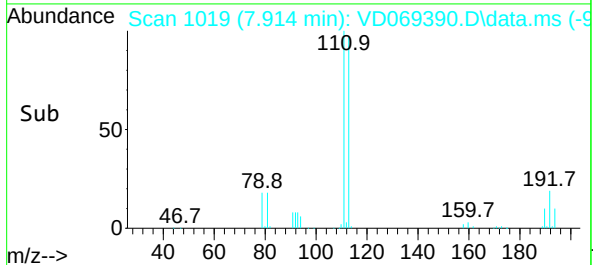
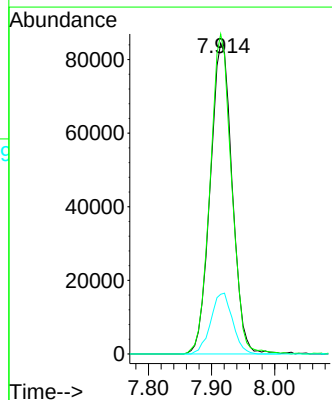
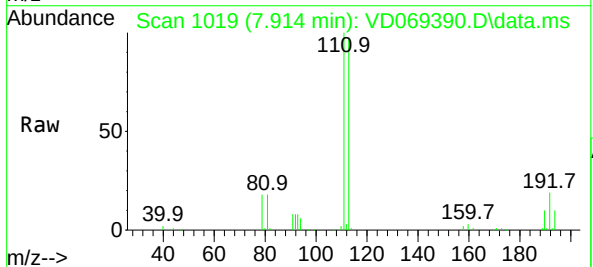
Instrument :
MSVOA_D
ClientSampled :
ND-1

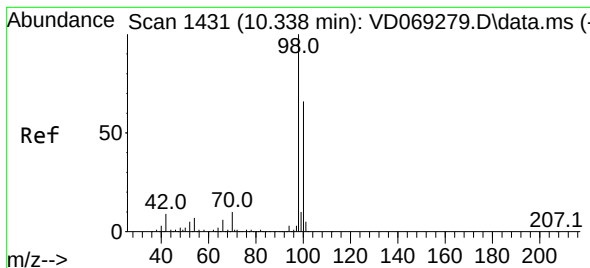
Tgt Ion:114 Resp: 560517
Ion Ratio Lower Upper
114 100
63 17.8 0.0 35.6
88 13.1 0.0 31.2



#35
Dibromofluoromethane
Concen: 58.029 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

Tgt Ion:113 Resp: 204256
Ion Ratio Lower Upper
113 100
111 100.8 83.0 124.6
192 19.4 15.1 22.7

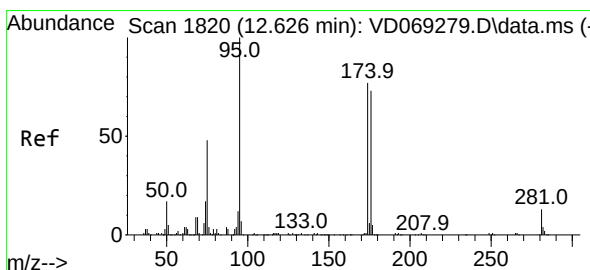
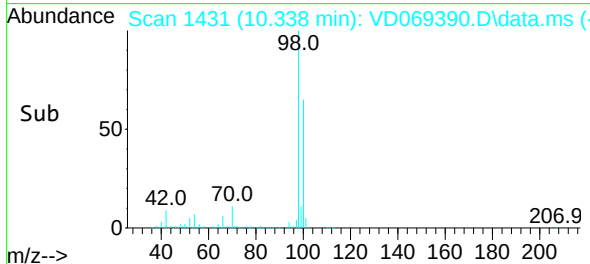
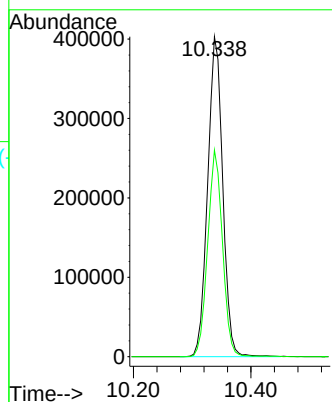
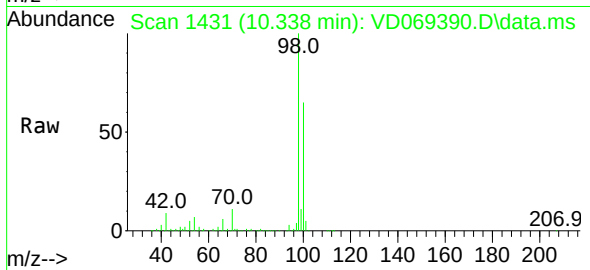




#50
Toluene-d8
Concen: 55.899 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

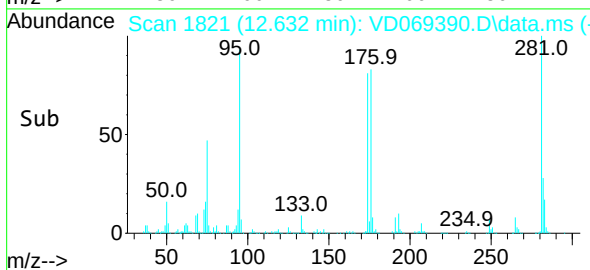
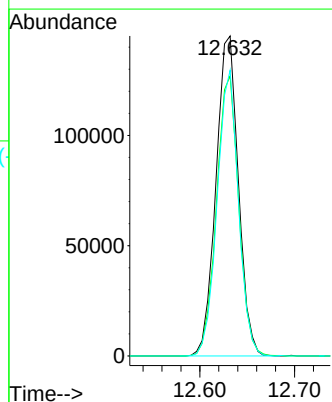
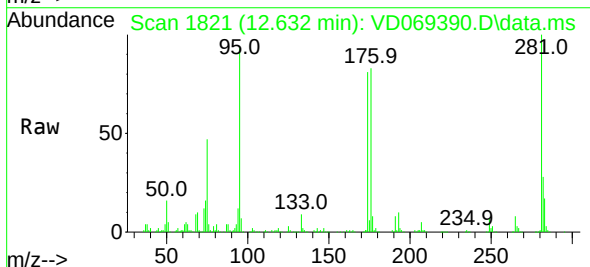
Instrument :
MSVOA_D
ClientSampleId :
ND-1

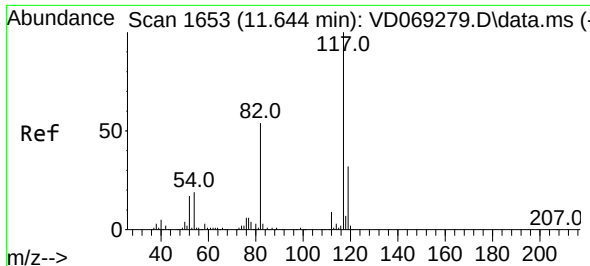
Tgt Ion: 98 Resp: 715493
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 56.843 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

Tgt Ion: 95 Resp: 238408
Ion Ratio Lower Upper
95 100
174 86.7 0.0 162.8
176 84.6 0.0 154.4

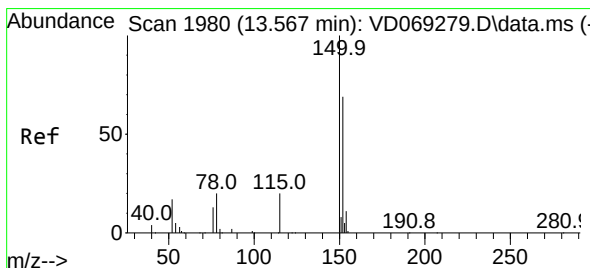
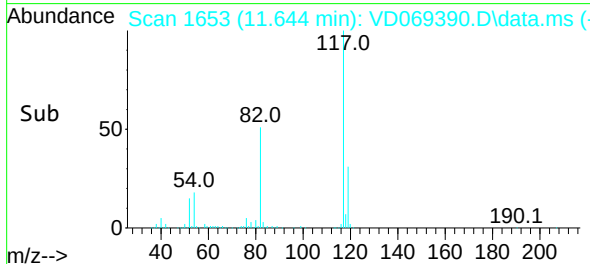
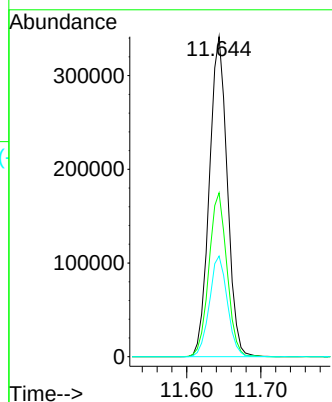
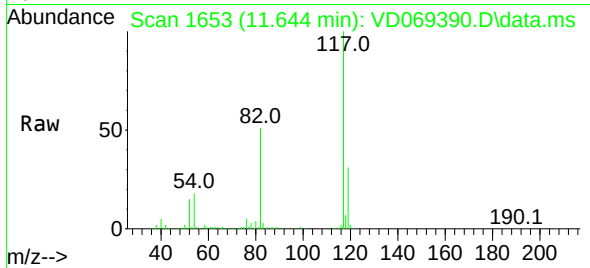




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

Instrument :
MSVOA_D
ClientSampleId :
ND-1

Tgt Ion:117	Resp: 572323
Ion Ratio	Lower Upper
117 100	
82 51.2	43.3 64.9
119 31.5	25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069390.D
Acq: 08 Jun 2021 14:21

Tgt Ion:152	Resp: 249877		
Ion Ratio	Lower	Upper	
152	100		
115	57.2	29.4	88.3
150	156.7	0.0	355.0

