

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
 Data File : VD069176.D
 Acq On : 14 May 2021 14:58
 Operator : VA/SY
 Sample : M2387-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 41789

Quant Time: May 15 02:34:31 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	7.985	168	6105	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	9367	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.644	117	10433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	5163	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	5376	87.84	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 175.68%#	
35) Dibromofluoromethane	7.914	113	3312	54.33	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.66%	
50) Toluene-d8	10.338	98	11262	50.28	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.56%	
62) 4-Bromofluorobenzene	12.626	95	6325	87.76	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 175.52%#	

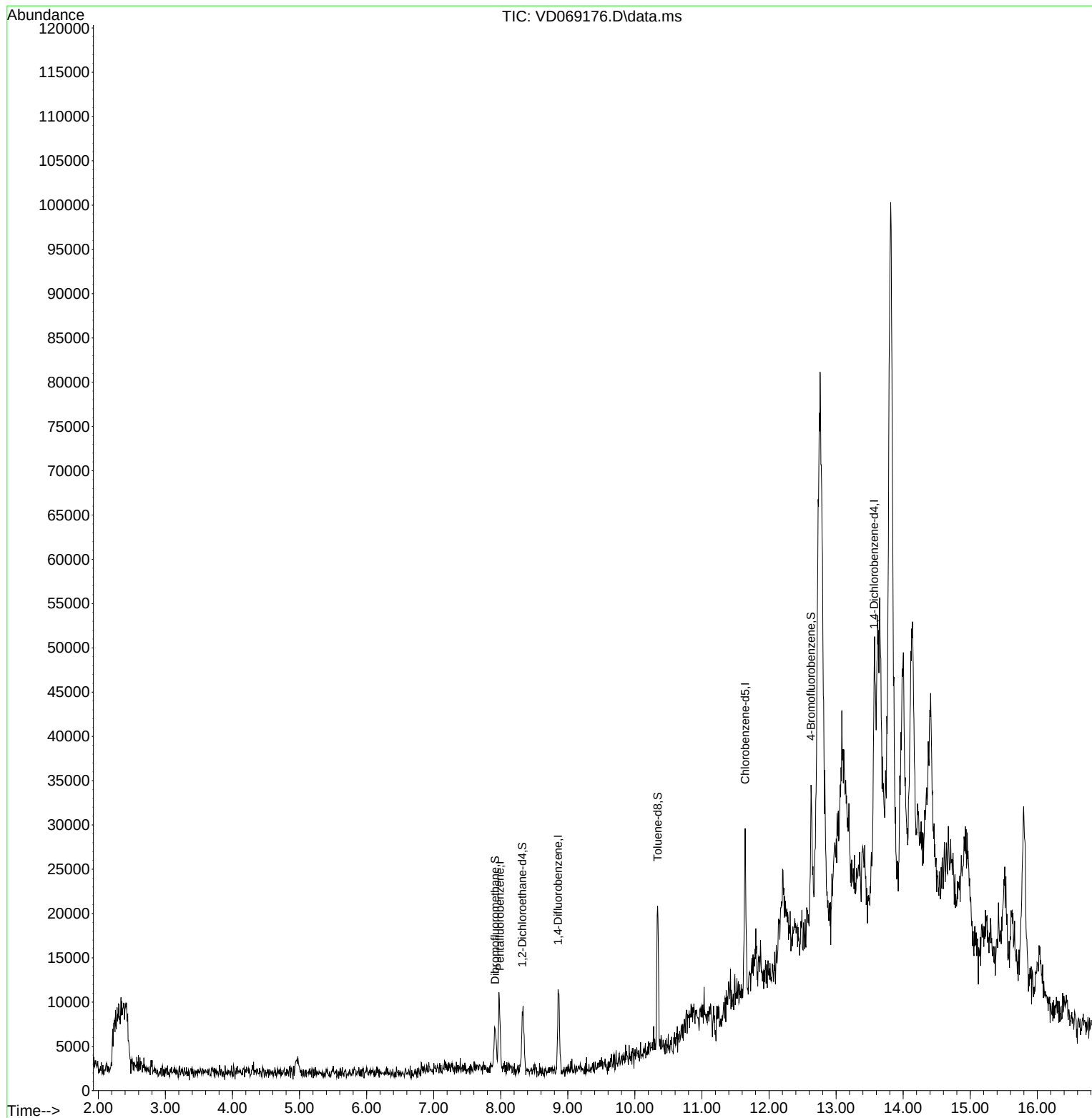
Target Compounds	Qvalue

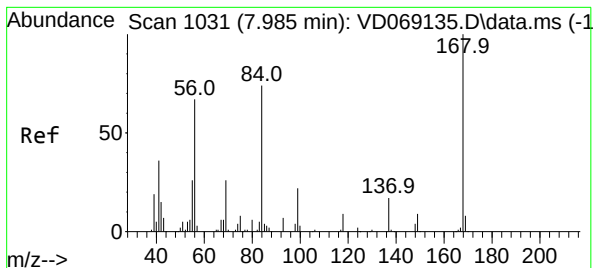
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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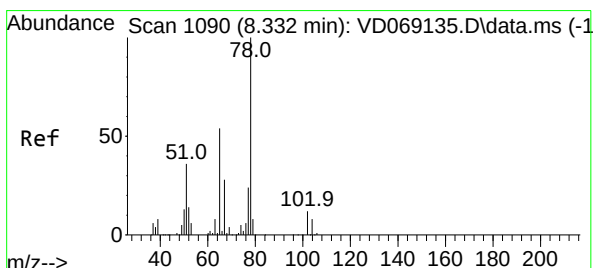
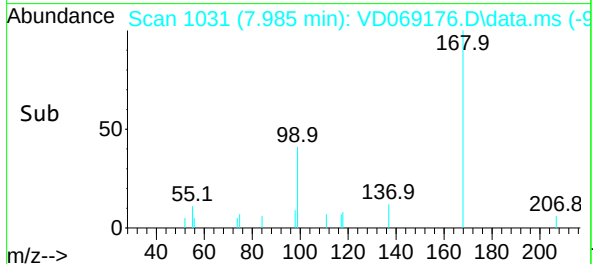
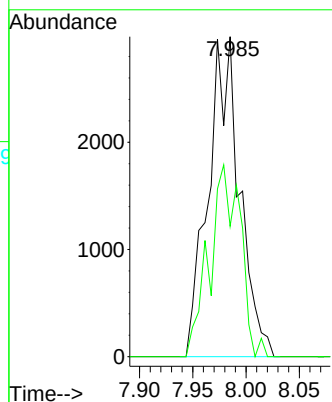
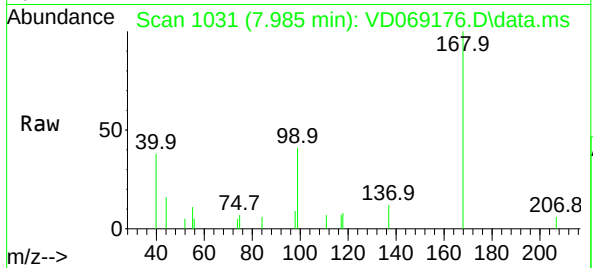




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069176.D
Acq: 14 May 2021 14:58

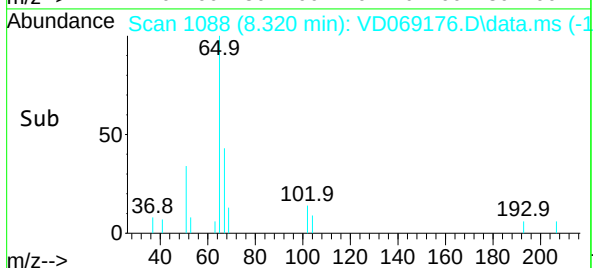
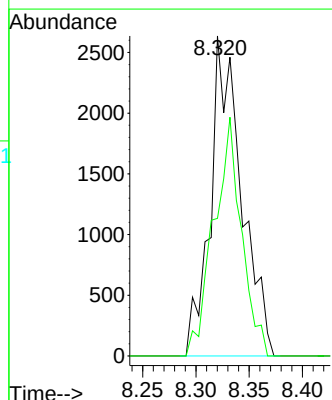
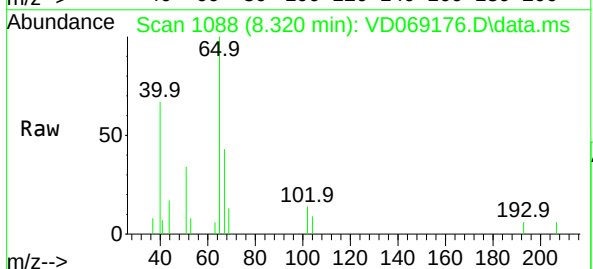
Instrument :
MSVOA_D
ClientSampleId :
41789

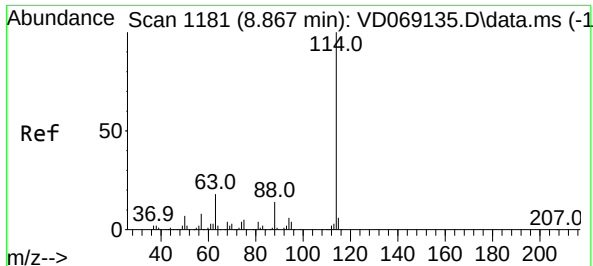
Tgt Ion:168 Resp: 6105
Ion Ratio Lower Upper
168 100
99 40.7 47.2 70.8#



#33
1,2-Dichloroethane-d4
Concen: 87.84 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.011 min
Lab File: VD069176.D
Acq: 14 May 2021 14:58

Tgt Ion: 65 Resp: 5376
Ion Ratio Lower Upper
65 100
67 65.8 0.0 108.0



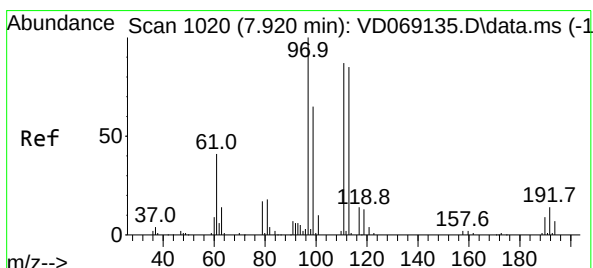
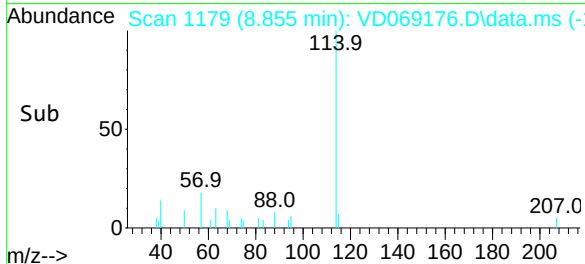
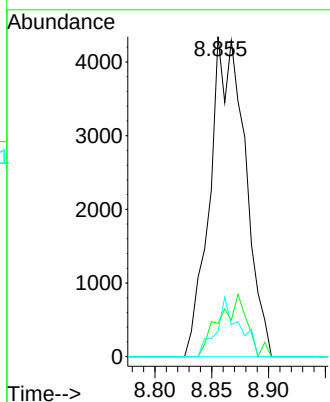
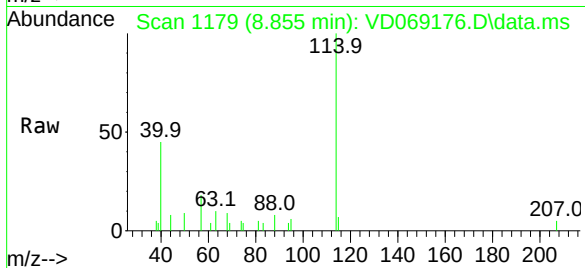


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.011 min
Lab File: VD069176.D
Acq: 14 May 2021 14:58

Instrument :
MSVOA_D
ClientSampled :
41789

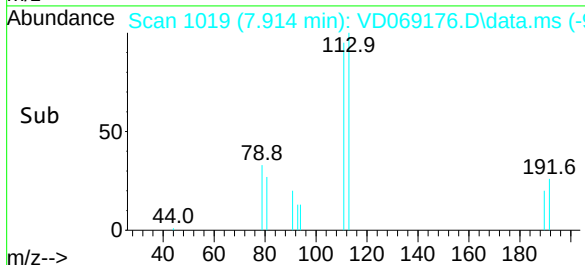
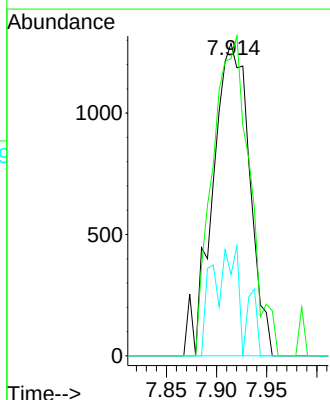
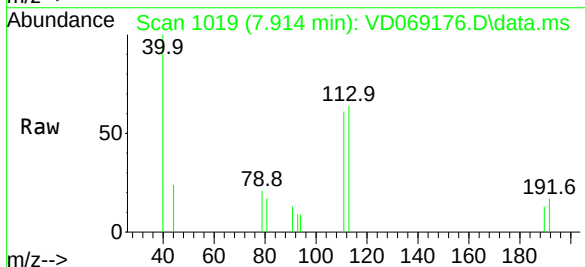
Tgt Ion:114	Resp:	9367
Ion Ratio	Lower	Upper
114	100	
63	10.4	0.0 36.4
88	7.9	0.0 28.2

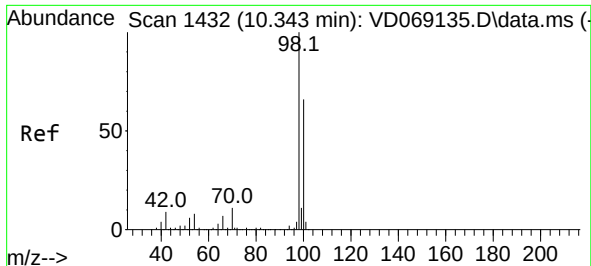


#35

Dibromofluoromethane
Concen: 54.33 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD069176.D
Acq: 14 May 2021 14:58

Tgt Ion:113	Resp:	3312
Ion Ratio	Lower	Upper
113	100	
111	101.8	80.6 120.8
192	13.1	14.8 22.2#

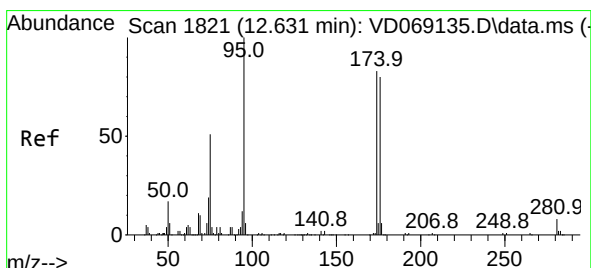
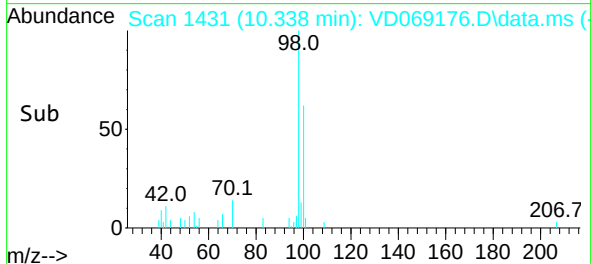
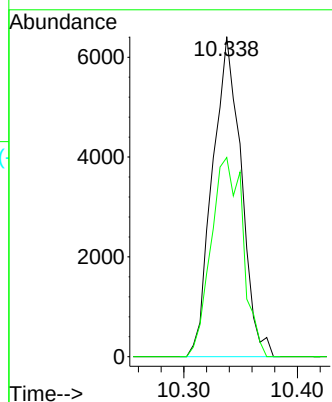
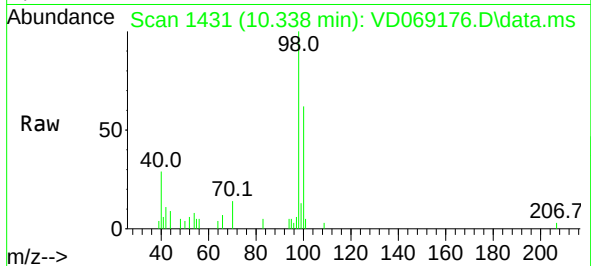




#50
Toluene-d8
Concen: 50.28 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD069176.D
Acq: 14 May 2021 14:58

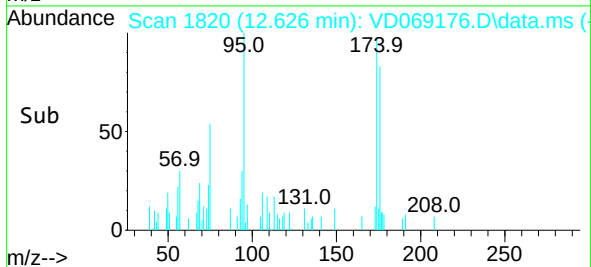
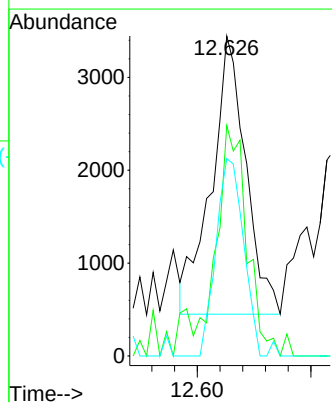
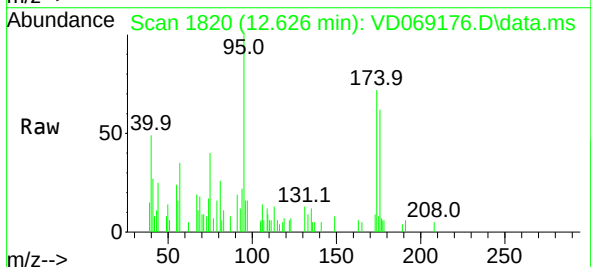
Instrument :
MSVOA_D
ClientSampleId :
41789

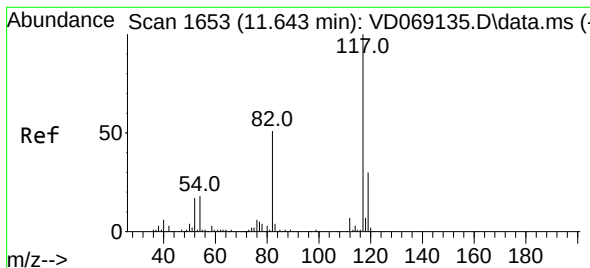
Tgt Ion: 98 Resp: 11262
Ion Ratio Lower Upper
98 100
100 69.2 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 87.76 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069176.D
Acq: 14 May 2021 14:58

Tgt Ion: 95 Resp: 6325
Ion Ratio Lower Upper
95 100
174 71.8 0.0 171.8
176 56.3 0.0 165.4

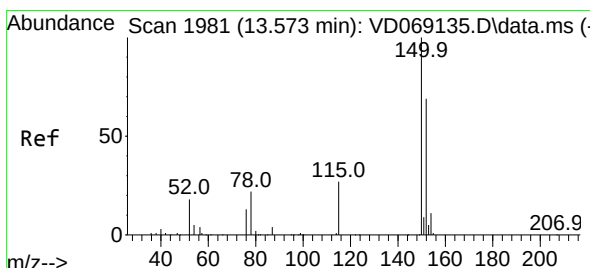
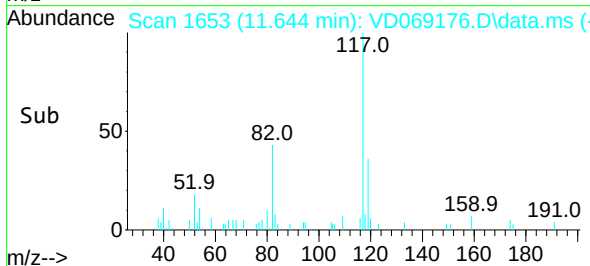
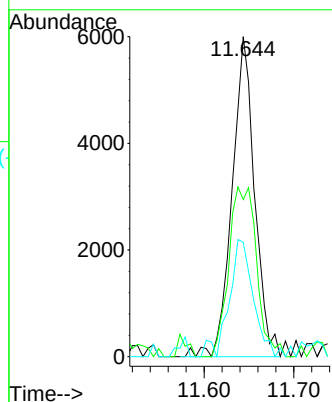
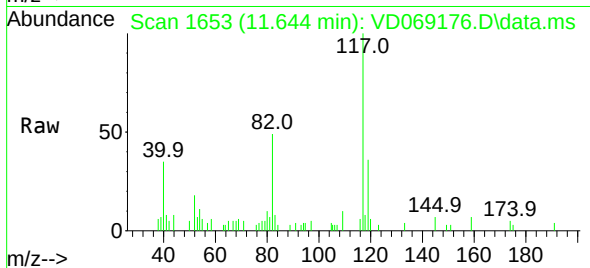




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069176.D
Acq: 14 May 2021 14:58

Instrument :
MSVOA_D
ClientSampleId :
41789

Tgt Ion:	117	Resp:	10433
Ion Ratio	Lower	Upper	
117	100		
82	45.0	40.5	60.7
119	33.1	24.2	36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.005 min
Lab File: VD069176.D
Acq: 14 May 2021 14:58

Tgt Ion:	152	Resp:	5163
Ion Ratio	Lower	Upper	
152	100		
115	86.1	29.9	89.8
150	148.7	0.0	350.2

