

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
 Data File : VD069350.D
 Acq On : 04 Jun 2021 17:16
 Operator : VA/SY
 Sample : M2598-01
 Misc : 5.25G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 23

Quant Time: Jun 05 00:36:36 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	449173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	810881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	818579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	377965	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	263037	61.031	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.060%
35) Dibromofluoromethane	7.914	113	273952	53.799	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.600%
50) Toluene-d8	10.338	98	1012182	54.663	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.320%
62) 4-Bromofluorobenzene	12.632	95	349798	57.651	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.300%

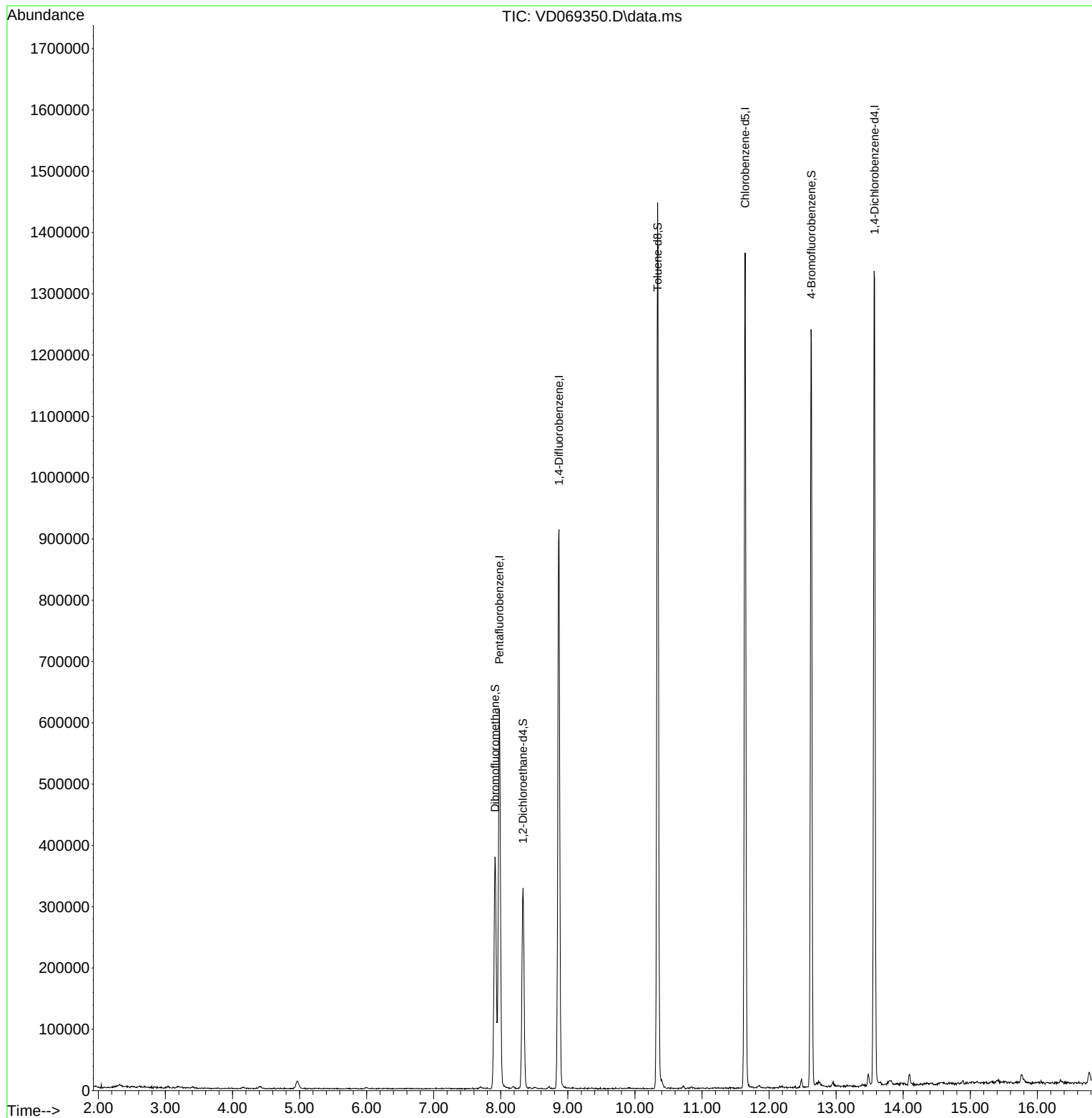
Target Compounds	Qvalue

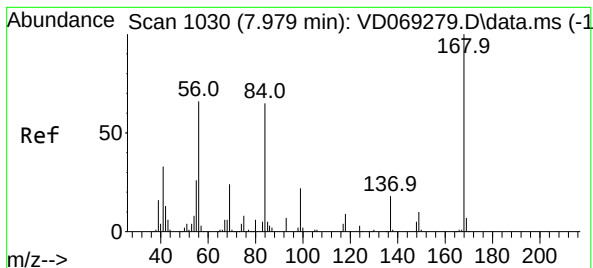
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD069350.D

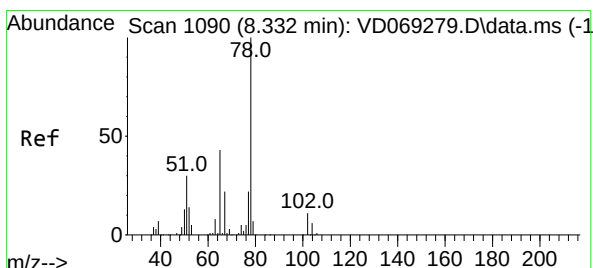
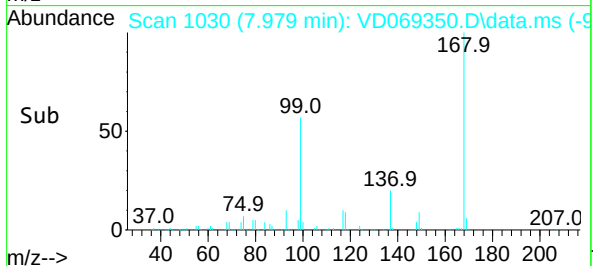
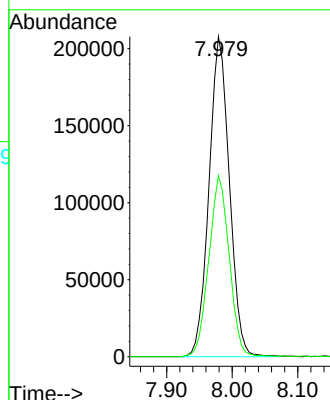
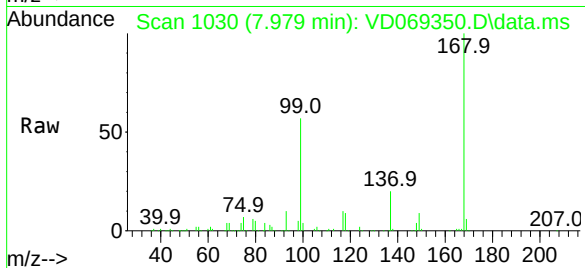
Acq: 04 Jun 2021 17:16

Tgt Ion:168 Resp: 449173

Ion Ratio Lower Upper

168 100

99 56.5 46.2 69.2



#33

1,2-Dichloroethane-d4

Concen: 61.031 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VD069350.D

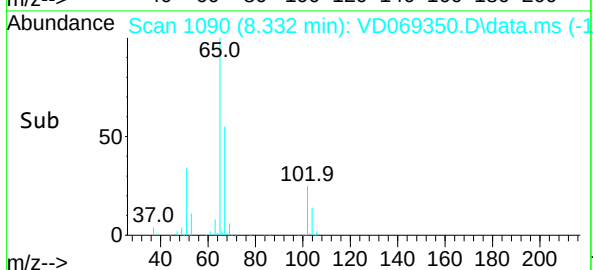
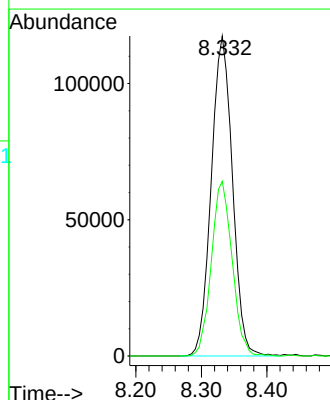
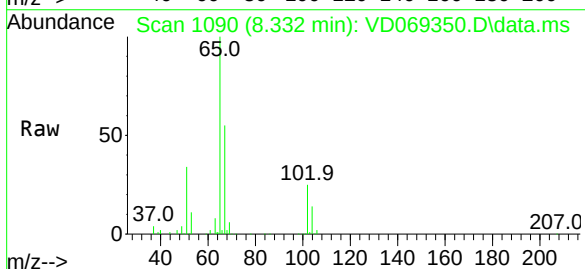
Acq: 04 Jun 2021 17:16

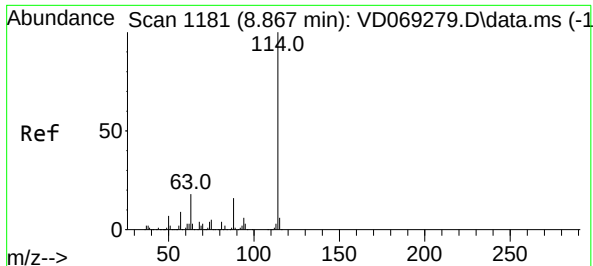
Tgt Ion: 65 Resp: 263037

Ion Ratio Lower Upper

65 100

67 53.6 0.0 105.8



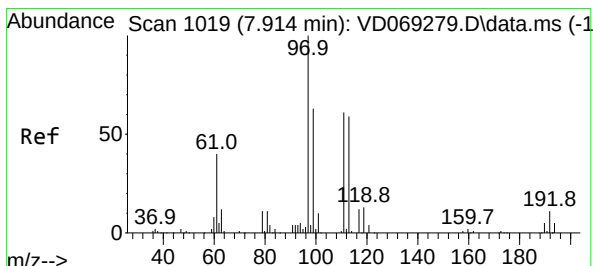
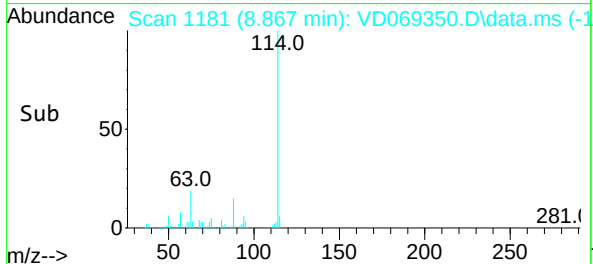
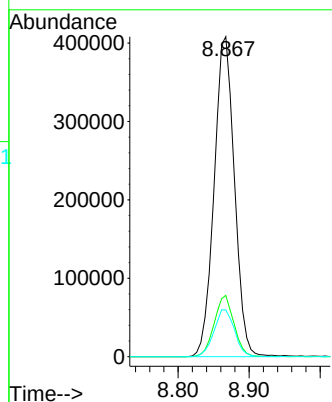
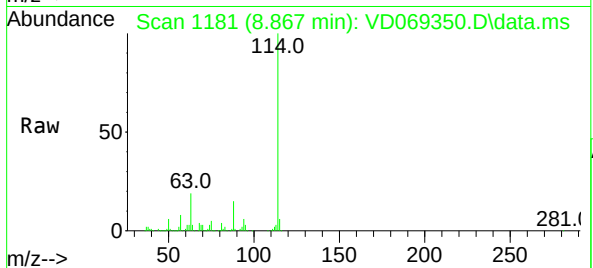


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069350.D
Acq: 04 Jun 2021 17:16

Instrument :
MSVOA_D
ClientSampled :
23

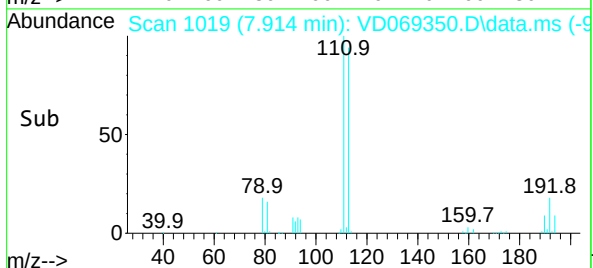
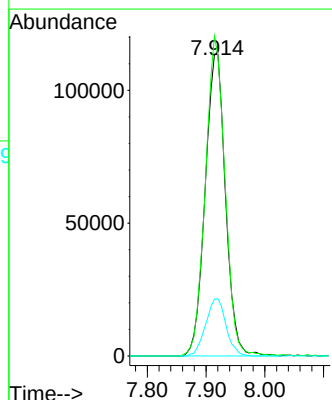
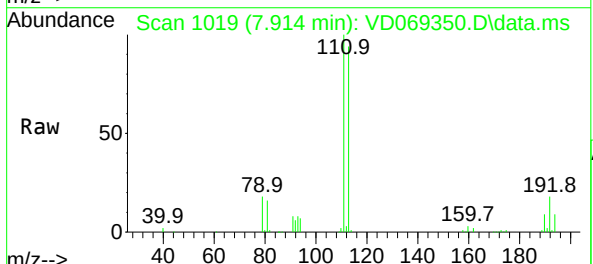
Tgt Ion:	114	Resp:	810881
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	35.6
88	14.6	0.0	31.2

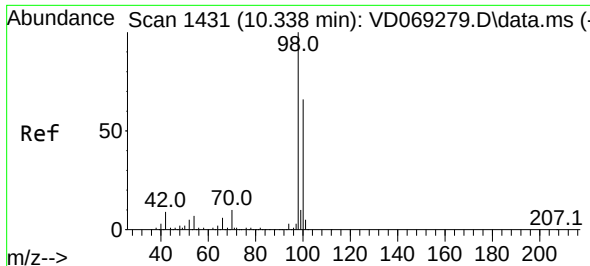


#35

Dibromofluoromethane
Concen: 53.799 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069350.D
Acq: 04 Jun 2021 17:16

Tgt Ion:	113	Resp:	273952
Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.0	124.6
192	18.9	15.1	22.7

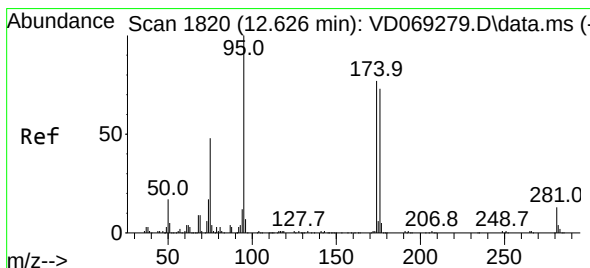
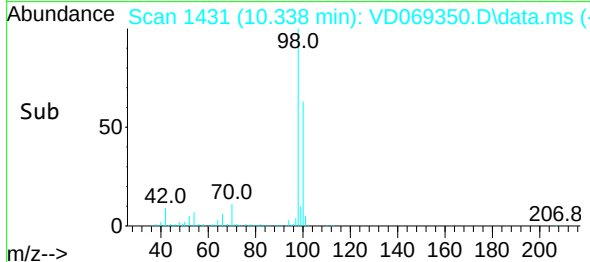
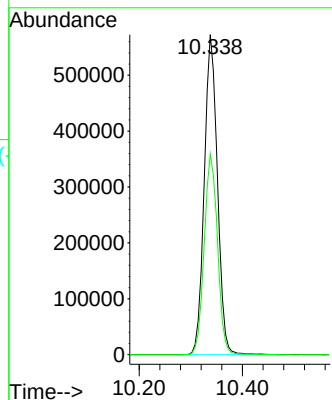
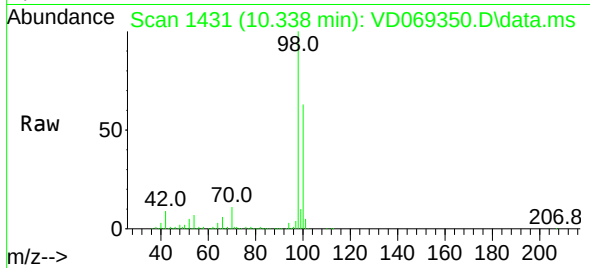




#50
Toluene-d8
Concen: 54.663 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069350.D
Acq: 04 Jun 2021 17:16

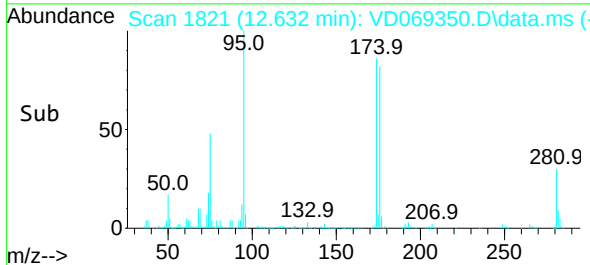
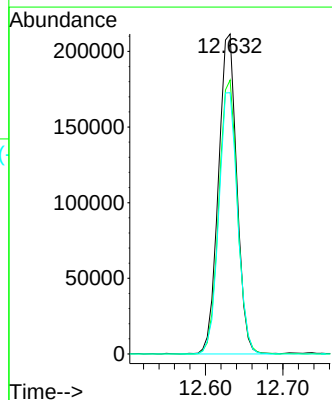
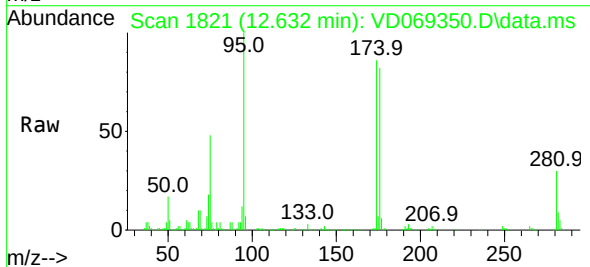
Instrument :
MSVOA_D
ClientSampled :
23

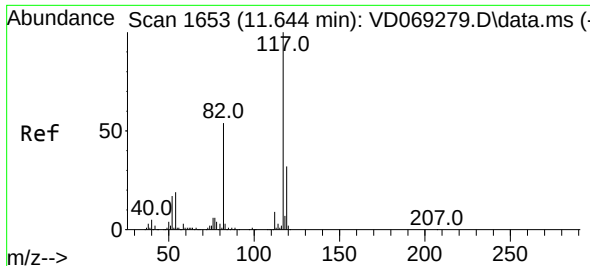
Tgt Ion: 98 Resp: 1012182
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 57.651 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069350.D
Acq: 04 Jun 2021 17:16

Tgt Ion: 95 Resp: 349798
Ion Ratio Lower Upper
95 100
174 86.3 0.0 162.8
176 83.2 0.0 154.4

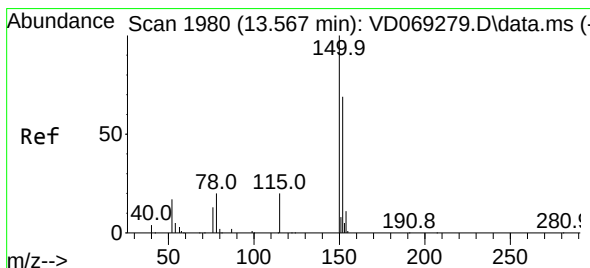
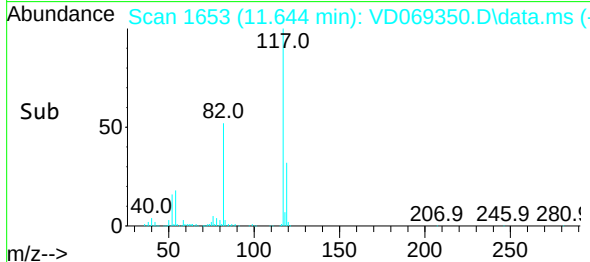
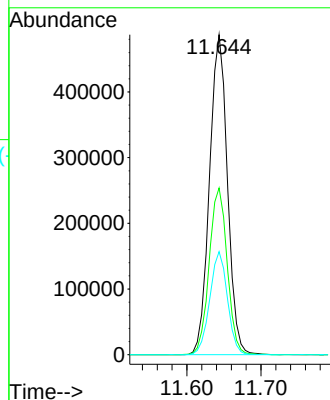
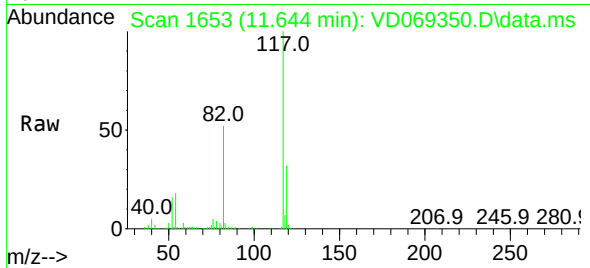




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069350.D
Acq: 04 Jun 2021 17:16

Instrument :
MSVOA_D
ClientSampleId :
23

Tgt Ion:	117	Resp:	818579
Ion	Ratio	Lower	Upper
117	100		
82	52.1	43.3	64.9
119	32.2	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.006 min
Lab File: VD069350.D
Acq: 04 Jun 2021 17:16

Tgt Ion:	152	Resp:	377965
Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.4	88.3
150	157.6	0.0	355.0

