

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052421\
 Data File : VD069262.D
 Acq On : 24 May 2021 18:13
 Operator : VA/SY
 Sample : M2489-01
 Misc : 6.58G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 359

Quant Time: May 25 00:57:32 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	7.979	168	170393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	329068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	318119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	137415	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	123537	72.32	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.64%
35) Dibromofluoromethane	7.920	113	124736	58.25	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.50%
50) Toluene-d8	10.338	98	420108	53.39	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.78%
62) 4-Bromofluorobenzene	12.626	95	137358	54.25	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.50%

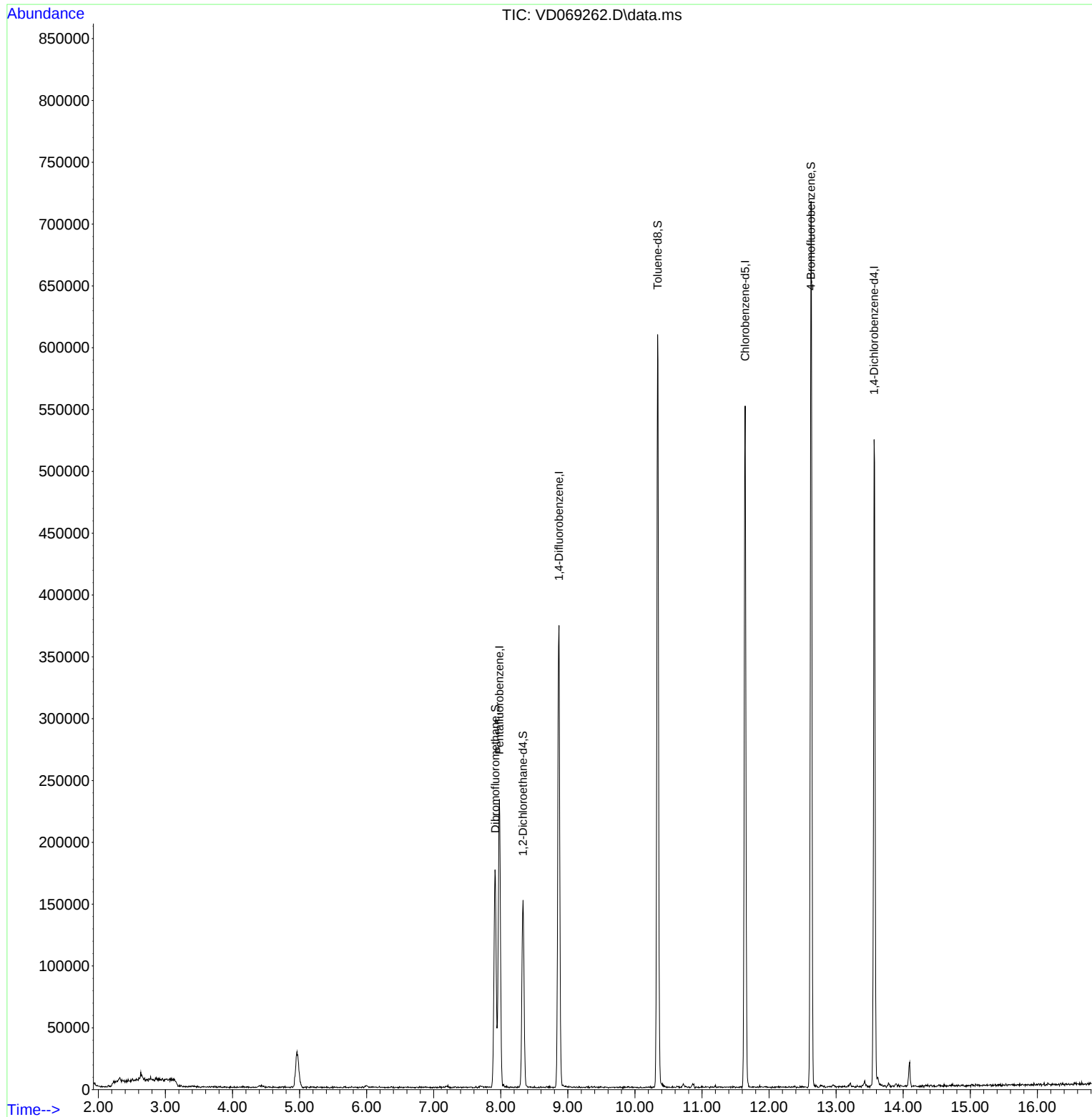
Target Compounds	Qvalue

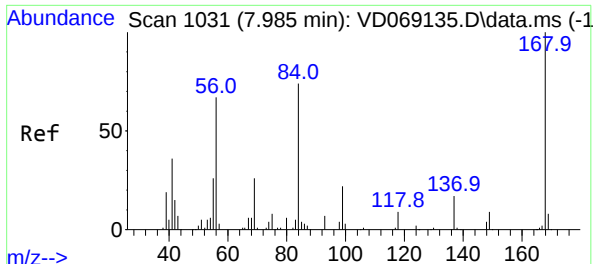
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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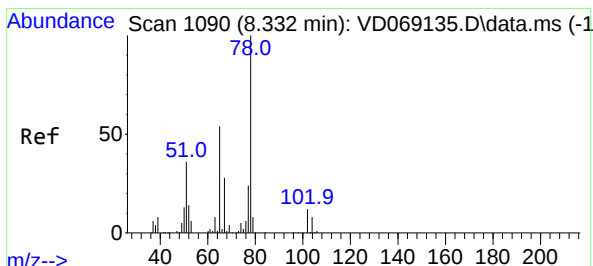
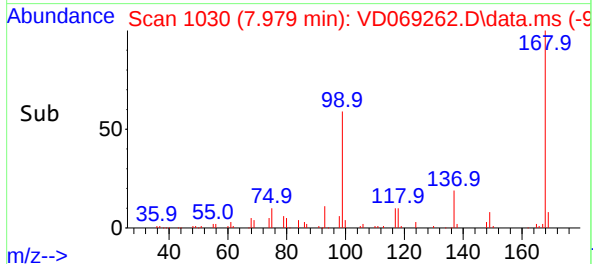
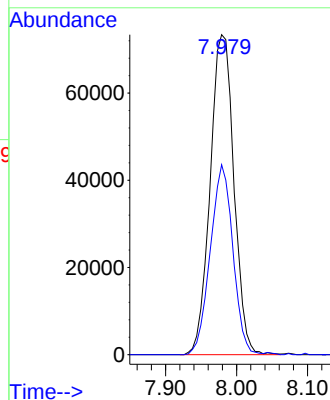
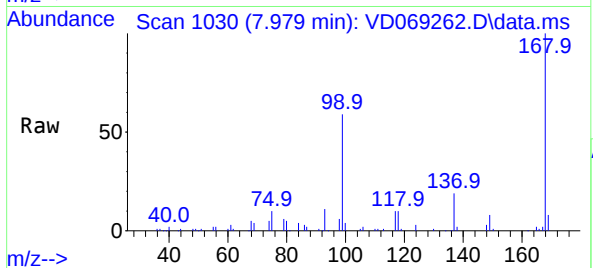




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069262.D
Acq: 24 May 2021 18:13

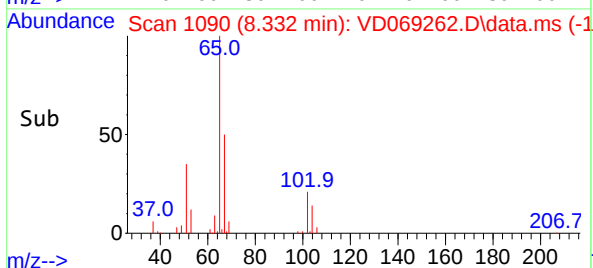
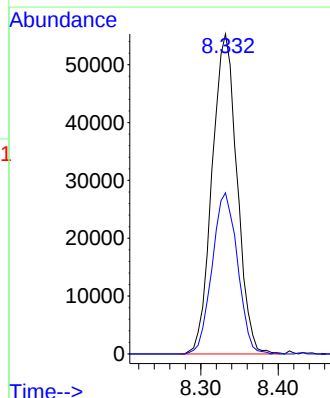
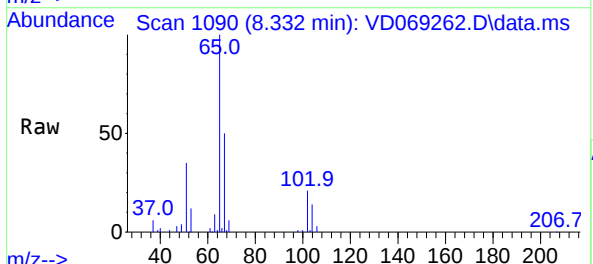
Instrument :
MSVOA_D
ClientSampleId :
359

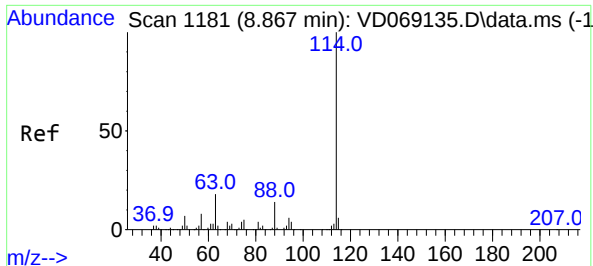
Tgt Ion:168 Resp: 170393
Ion Ratio Lower Upper
168 100
99 59.4 47.2 70.8



#33
1,2-Dichloroethane-d4
Concen: 72.32 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069262.D
Acq: 24 May 2021 18:13

Tgt Ion: 65 Resp: 123537
Ion Ratio Lower Upper
65 100
67 51.1 0.0 108.0



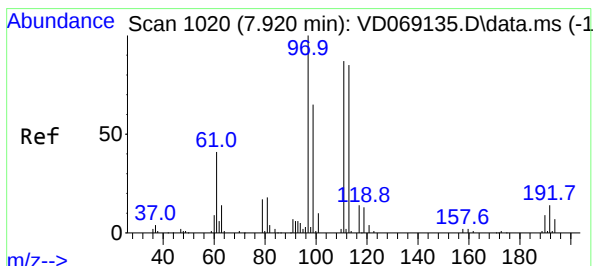
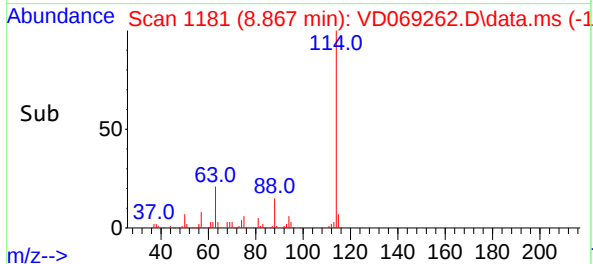
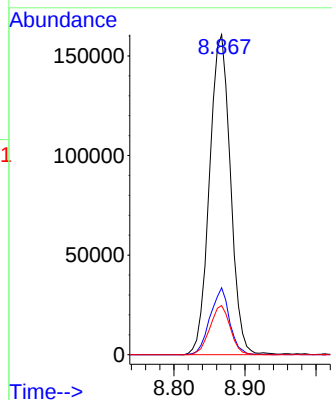
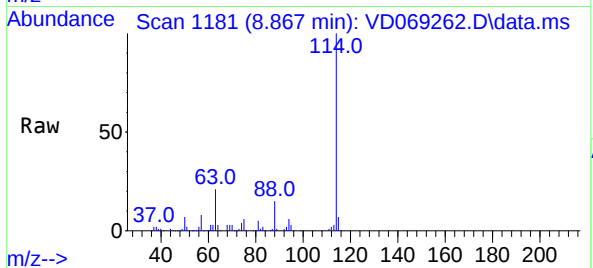


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069262.D
Acq: 24 May 2021 18:13

Instrument :
MSVOA_D
ClientSampled :
359

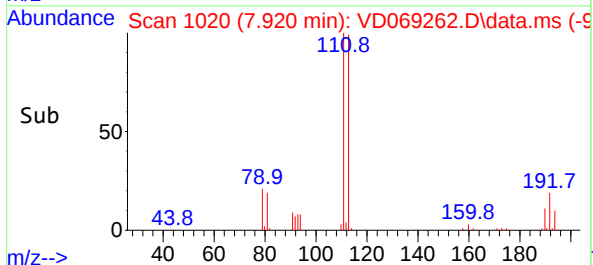
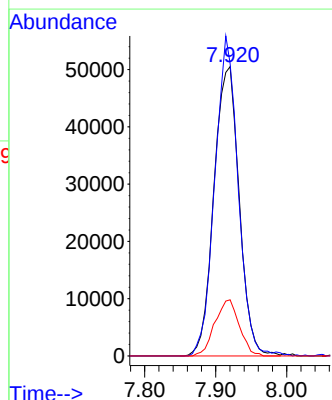
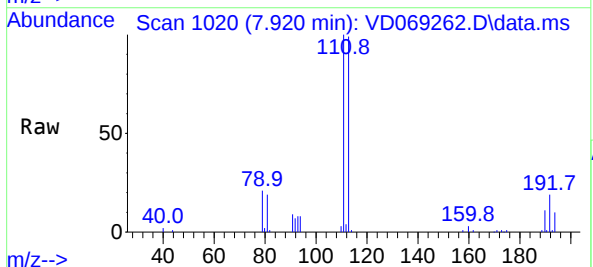
Tgt Ion:114 Resp: 329068
Ion Ratio Lower Upper
114 100
63 20.9 0.0 36.4
88 15.4 0.0 28.2

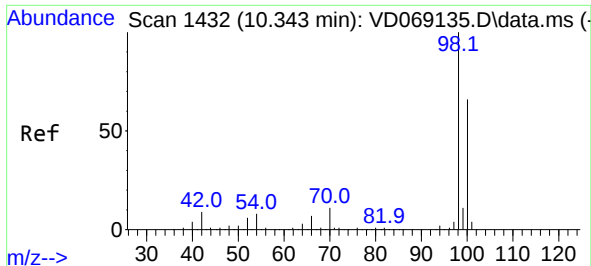


#35

Dibromofluoromethane
Concen: 58.25 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD069262.D
Acq: 24 May 2021 18:13

Tgt Ion:113 Resp: 124736
Ion Ratio Lower Upper
113 100
111 102.1 80.6 120.8
192 18.8 14.8 22.2

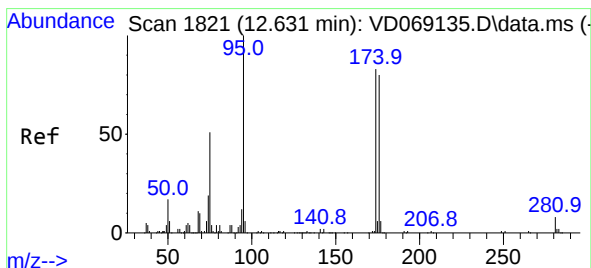
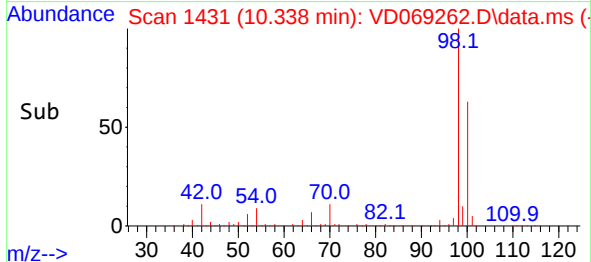
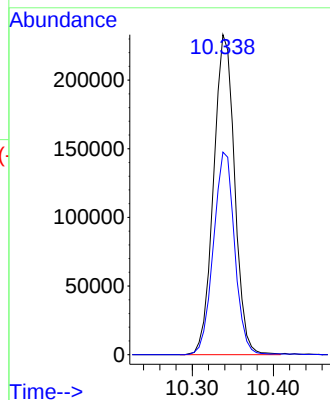
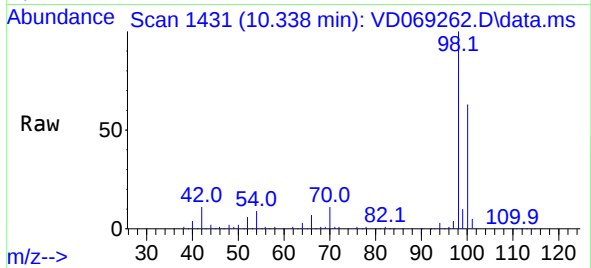




#50
Toluene-d8
Concen: 53.39 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069262.D
Acq: 24 May 2021 18:13

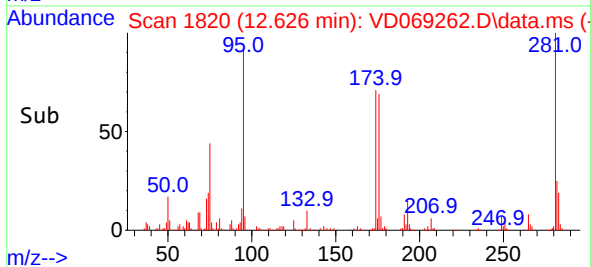
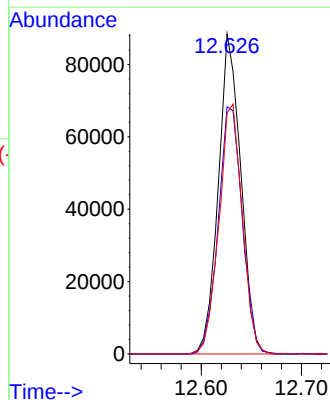
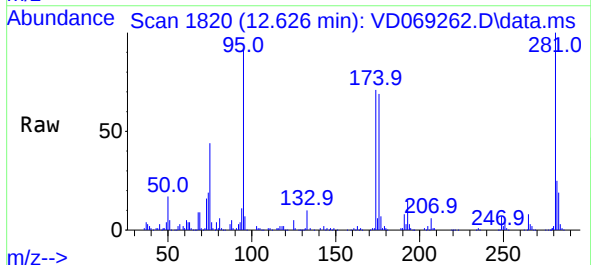
Instrument :
MSVOA_D
ClientSampled :
359

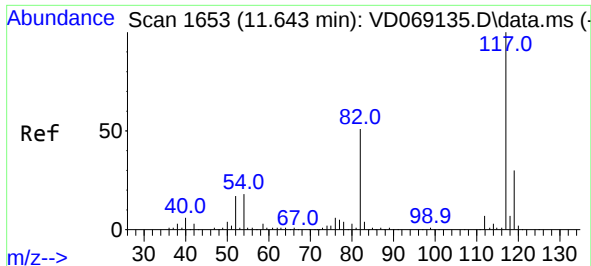
Tgt Ion: 98 Resp: 420108
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 54.25 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069262.D
Acq: 24 May 2021 18:13

Tgt Ion: 95 Resp: 137358
Ion Ratio Lower Upper
95 100
174 82.7 0.0 171.8
176 81.0 0.0 165.4

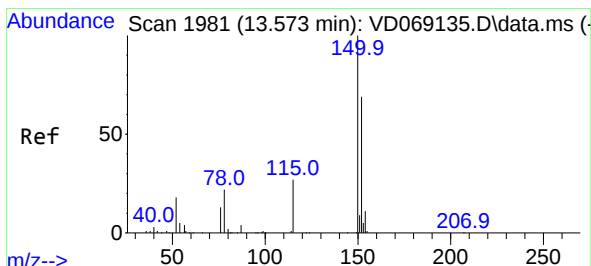
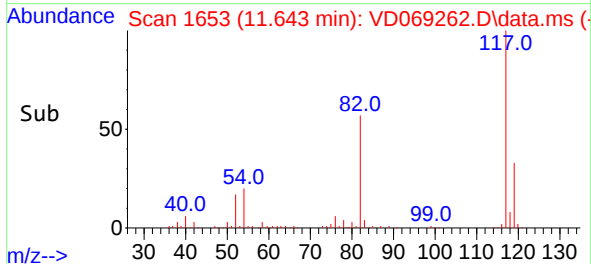
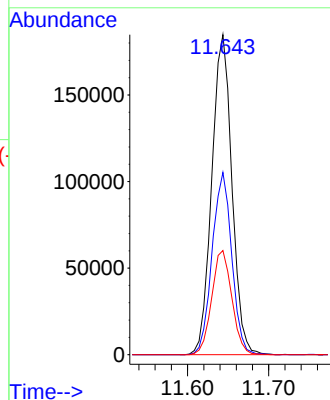
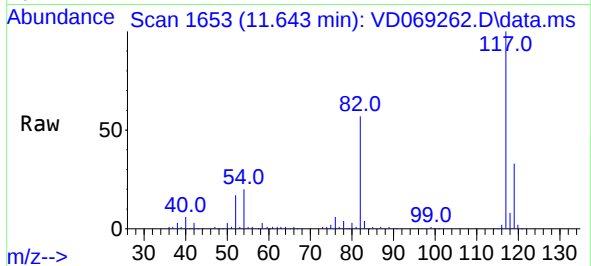




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069262.D
Acq: 24 May 2021 18:13

Instrument :
MSVOA_D
ClientSampled :
359

Tgt Ion:	117	Resp:	318119
Ion Ratio	Lower	Upper	
117	100		
82	56.9	40.5	60.7
119	32.6	24.2	36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069262.D
Acq: 24 May 2021 18:13

Tgt Ion:	152	Resp:	137415
Ion Ratio	Lower	Upper	
152	100		
115	57.6	29.9	89.8
150	158.3	0.0	350.2

