

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052421\
 Data File : VD069261.D
 Acq On : 24 May 2021 17:45
 Operator : VA/SY
 Sample : M2486-01RE
 Misc : 5.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-052121RE

Quant Time: May 25 00:57:17 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	145521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	252525	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	259477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	112367	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	115332	79.06	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	158.12%
35) Dibromofluoromethane	7.914	113	109728	66.77	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	133.54%
50) Toluene-d8	10.338	98	328406	54.39	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.78%
62) 4-Bromofluorobenzene	12.632	95	100435	51.69	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.38%

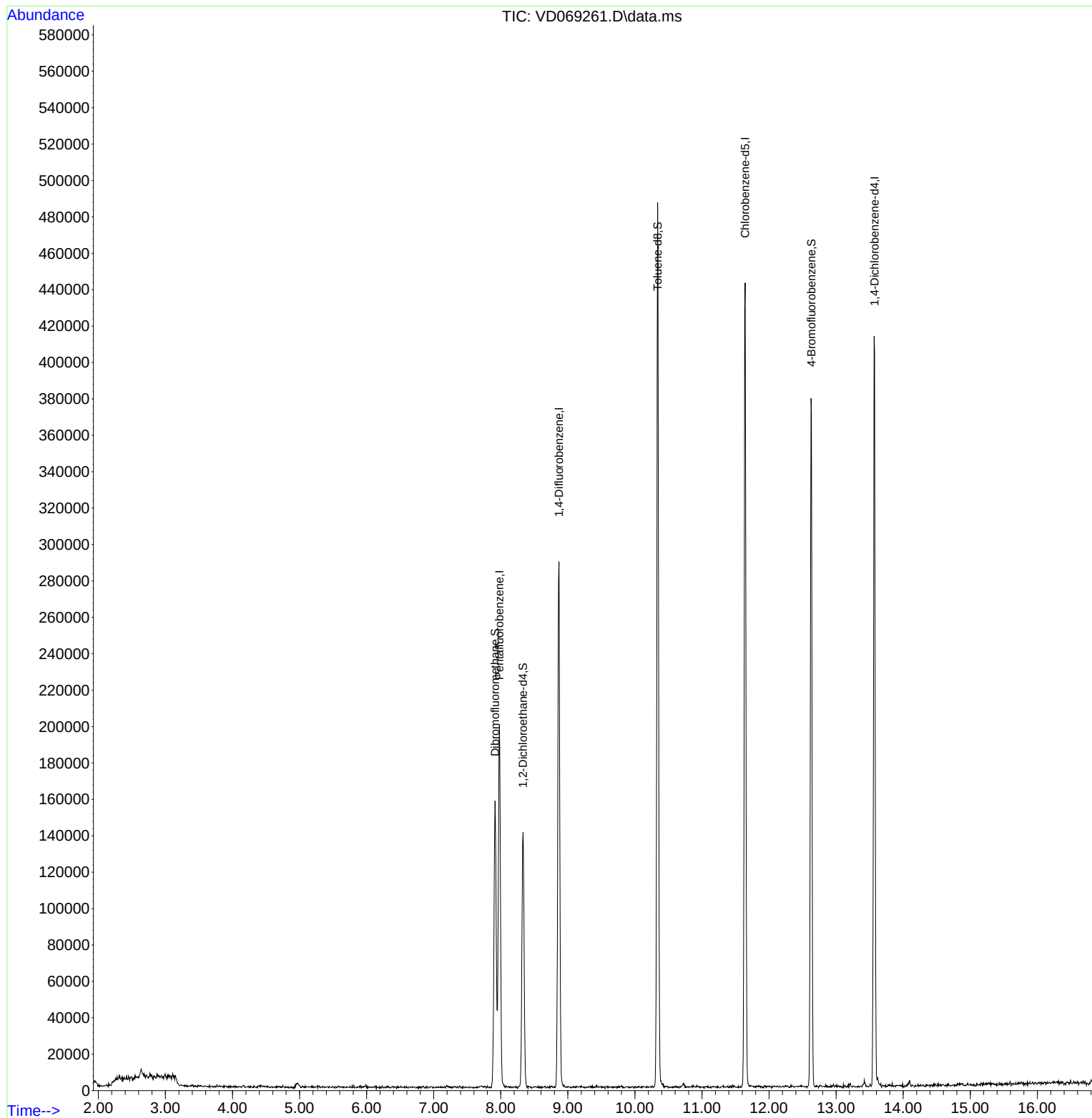
Target Compounds	Qvalue

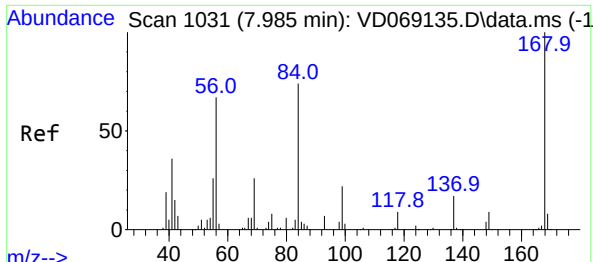
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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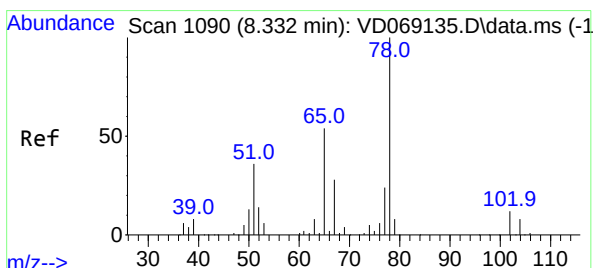
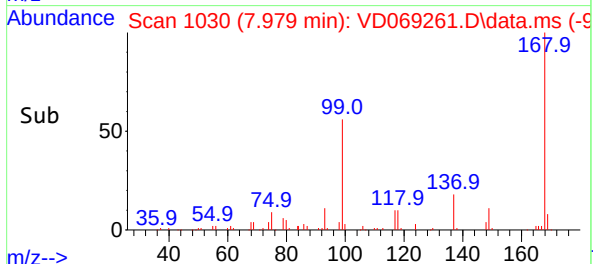
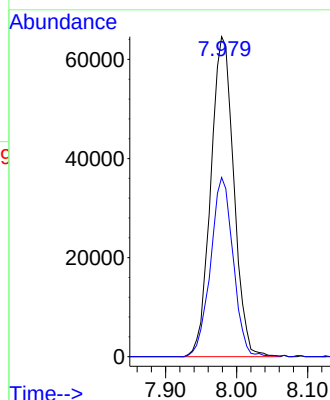
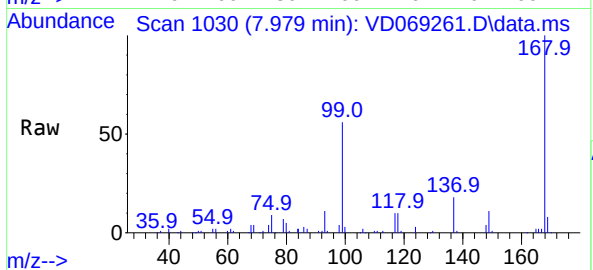




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD069261.D
 Acq: 24 May 2021 17:45

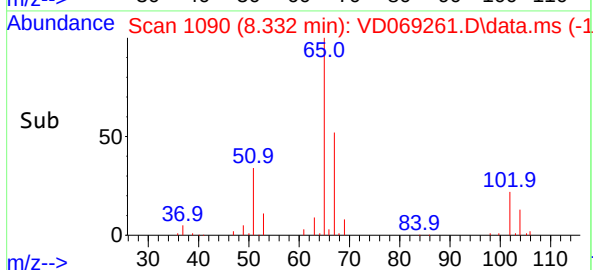
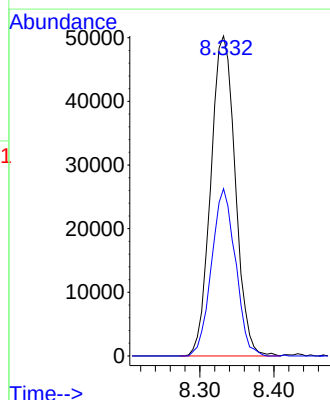
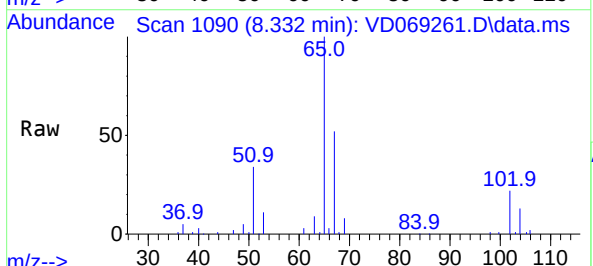
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-052121RE

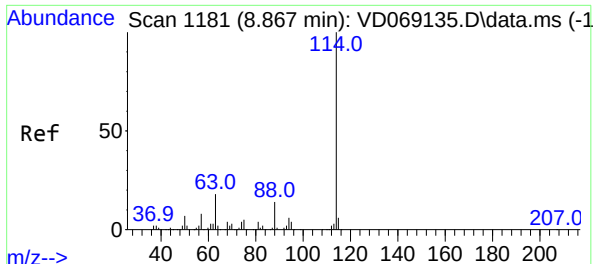
Tgt Ion:168 Resp: 145521
 Ion Ratio Lower Upper
 168 100
 99 56.0 47.2 70.8



1,2-Dichloroethane-d4
 Concen: 79.06 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VD069261.D
 Acq: 24 May 2021 17:45

Tgt Ion: 65 Resp: 115332
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 108.0



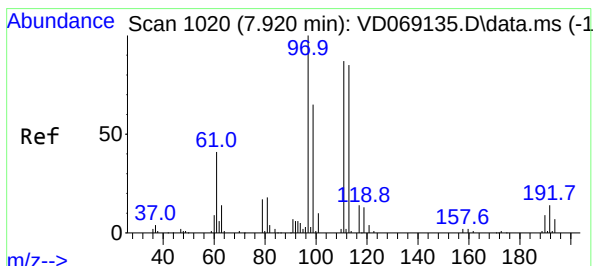
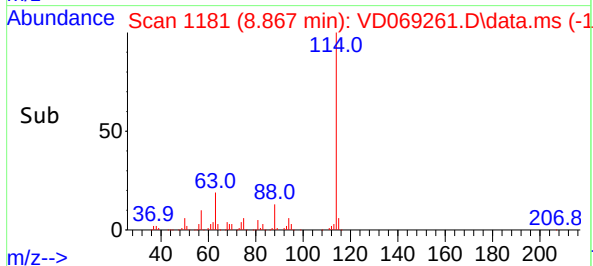
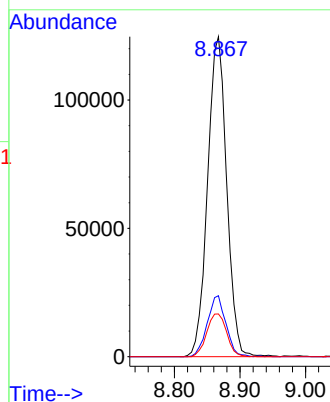
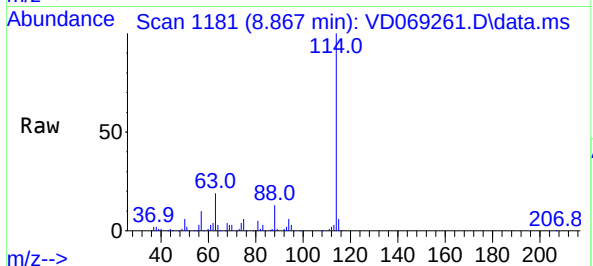


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069261.D
Acq: 24 May 2021 17:45

Instrument :
MSVOA_D
ClientSampleId :
OR-03-052121RE

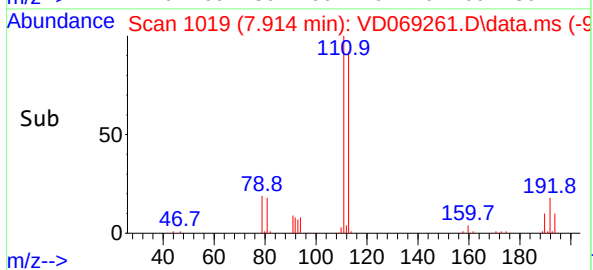
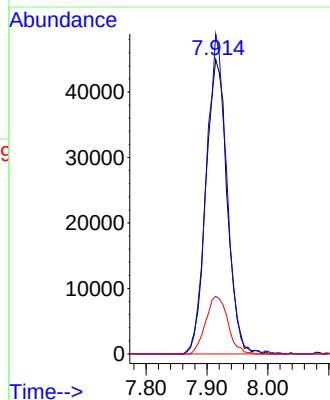
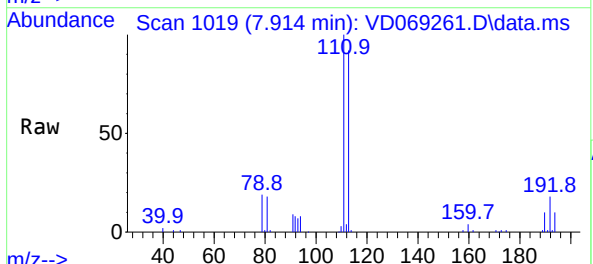
Tgt Ion:	114	Resp:	252525
Ion Ratio	Lower	Upper	
114	100		
63	19.0	0.0	36.4
88	13.3	0.0	28.2

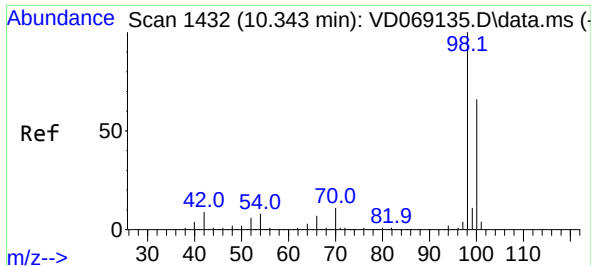


#35

Dibromofluoromethane
Concen: 66.77 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069261.D
Acq: 24 May 2021 17:45

Tgt Ion:	113	Resp:	109728
Ion Ratio	Lower	Upper	
113	100		
111	103.5	80.6	120.8
192	20.2	14.8	22.2

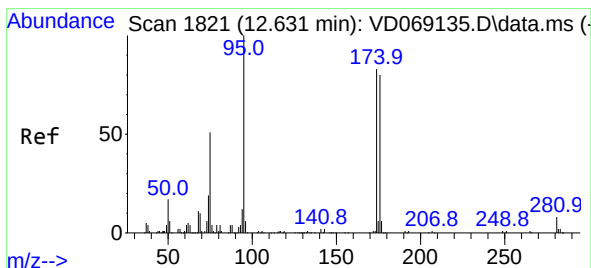
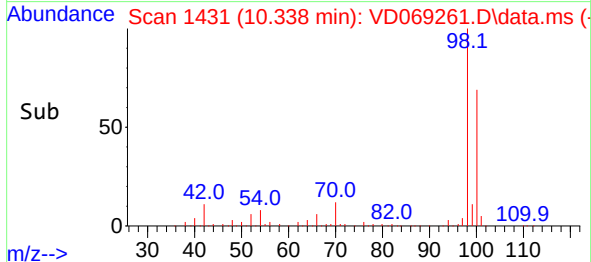
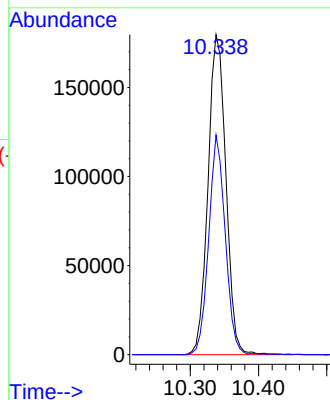
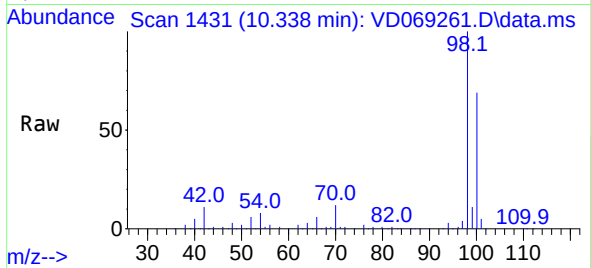




#50
Toluene-d8
Concen: 54.39 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069261.D
Acq: 24 May 2021 17:45

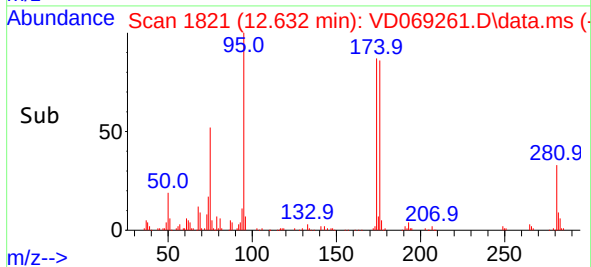
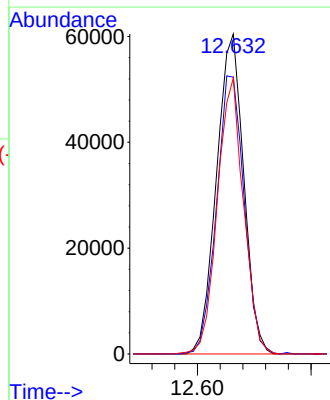
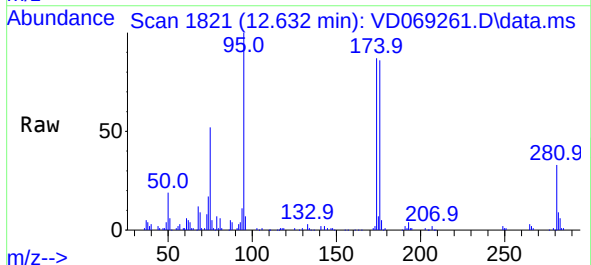
Instrument :
MSVOA_D
ClientSampleId :
OR-03-052121RE

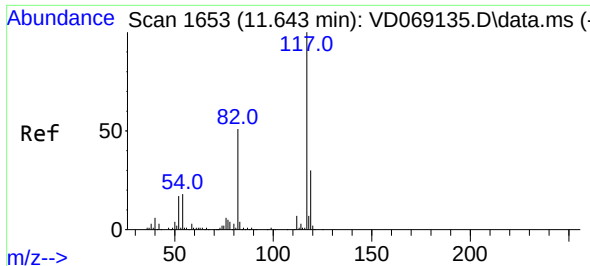
Tgt Ion: 98 Resp: 328406
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 51.69 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069261.D
Acq: 24 May 2021 17:45

Tgt Ion: 95 Resp: 100435
Ion Ratio Lower Upper
95 100
174 88.1 0.0 171.8
176 82.8 0.0 165.4

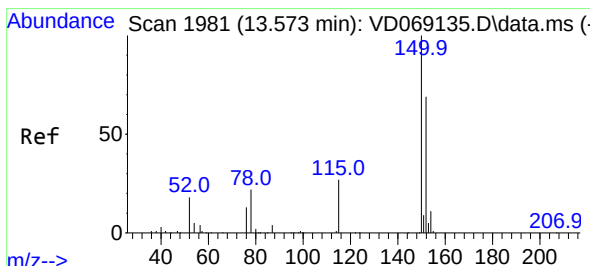
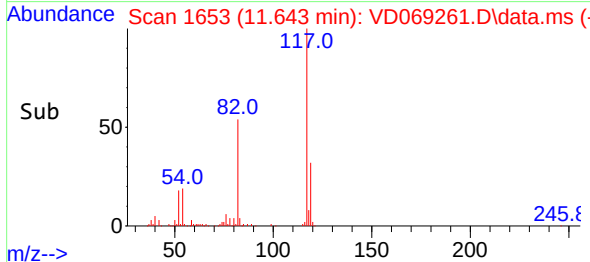
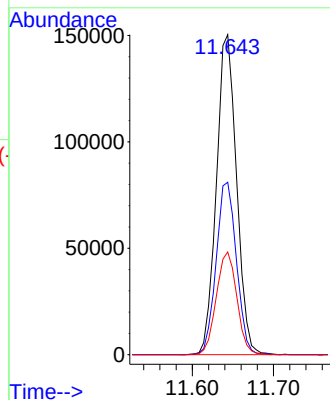
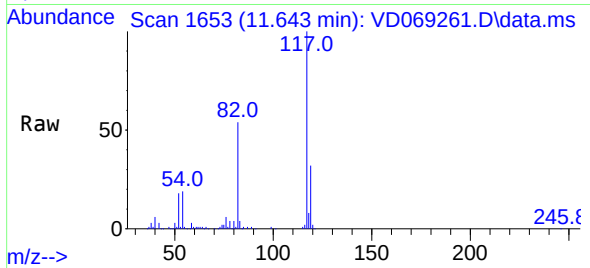




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069261.D
Acq: 24 May 2021 17:45

Instrument :
MSVOA_D
ClientSampleId :
OR-03-052121RE

Tgt Ion:	117	Resp:	259477
Ion	Ratio	Lower	Upper
117	100		
82	53.9	40.5	60.7
119	32.1	24.2	36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069261.D
Acq: 24 May 2021 17:45

Tgt Ion:	152	Resp:	112367
Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.9	89.8
150	157.0	0.0	350.2

