

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052021\
 Data File : VD069221.D
 Acq On : 20 May 2021 16:23
 Operator : VA/SY
 Sample : M2432-02
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: May 21 00:55:05 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	7.973	168	28266	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	49497	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	54095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	23365	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	30472	107.54	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	215.08%#
35) Dibromofluoromethane	7.914	113	26602	82.59	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	165.18%#
50) Toluene-d8	10.338	98	64006	54.08	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.16%
62) 4-Bromofluorobenzene	12.626	95	19480	51.15	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.30%

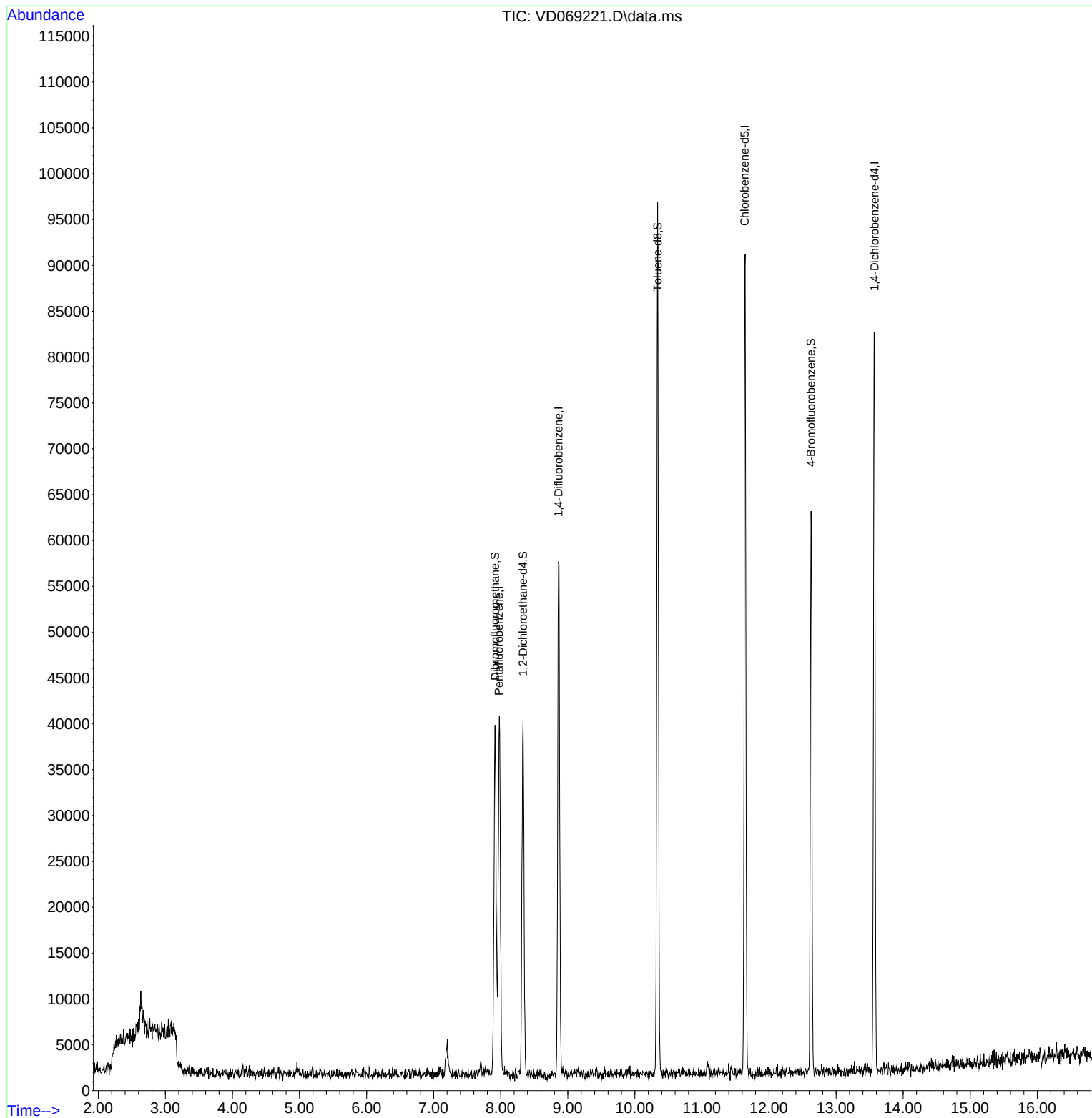
Target Compounds	Qvalue

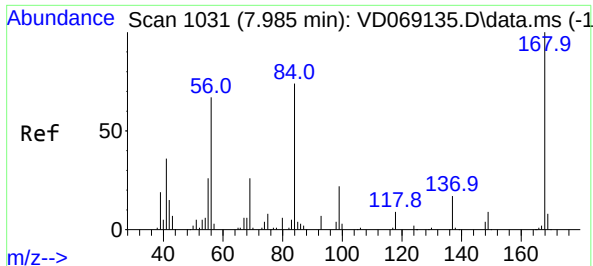
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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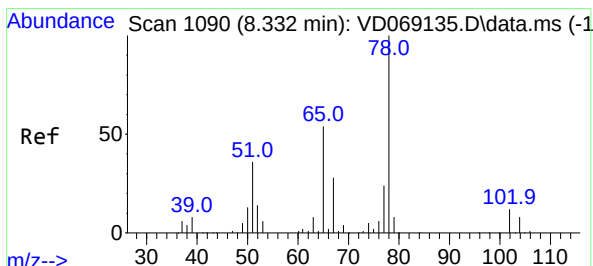
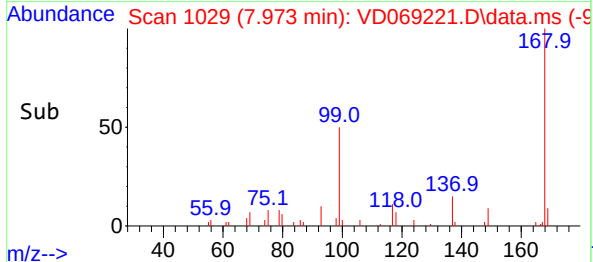
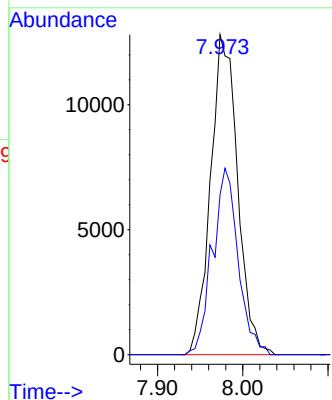
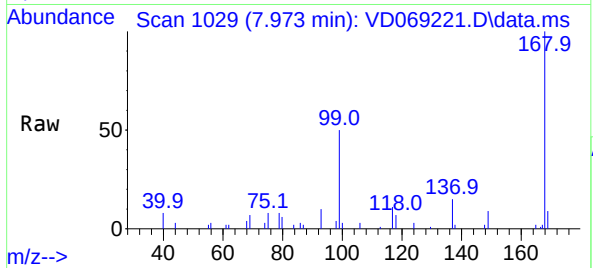




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD069221.D
Acq: 20 May 2021 16:23

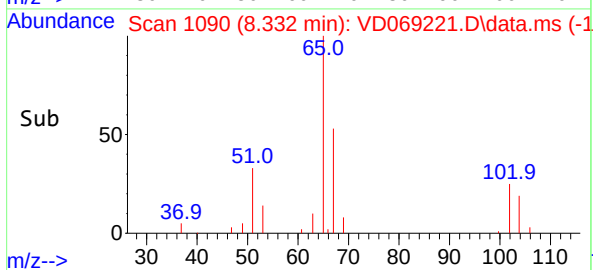
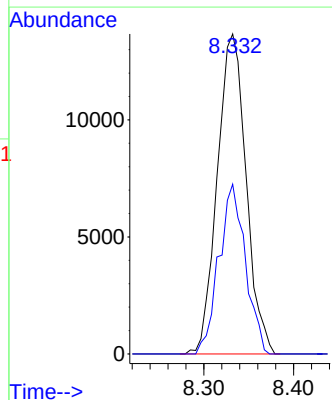
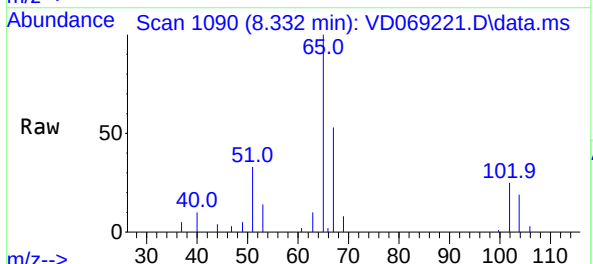
Instrument :
MSVOA_D
ClientSampled :
VOC

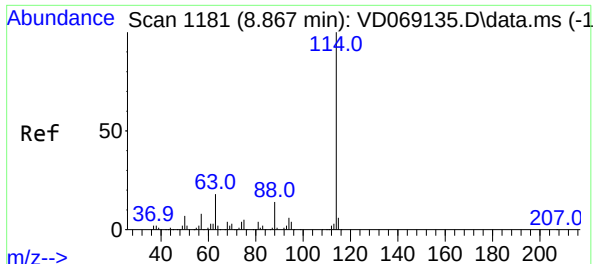
Tgt Ion:168 Resp: 28266
Ion Ratio Lower Upper
168 100
99 50.0 47.2 70.8



1,2-Dichloroethane-d4
Concen: 107.54 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069221.D
Acq: 20 May 2021 16:23

Tgt Ion: 65 Resp: 30472
Ion Ratio Lower Upper
65 100
67 48.8 0.0 108.0



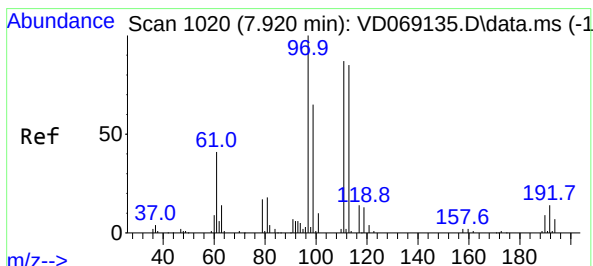
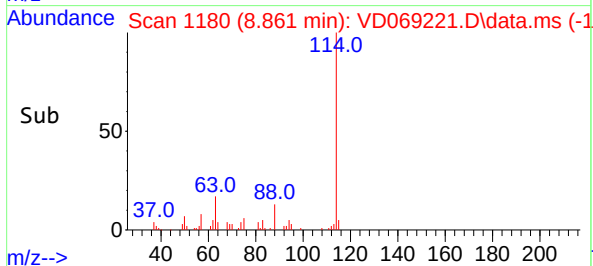
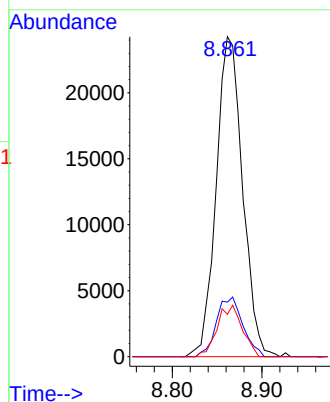
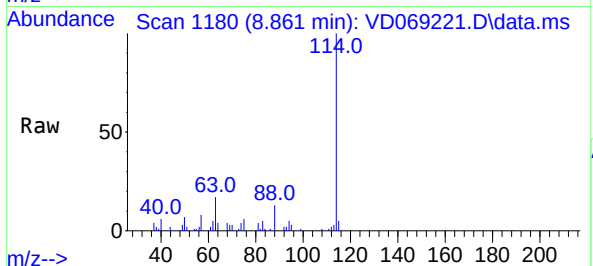


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.005 min
Lab File: VD069221.D
Acq: 20 May 2021 16:23

Instrument :
MSVOA_D
ClientSampled :
VOC

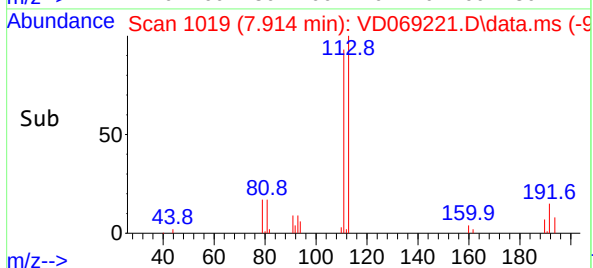
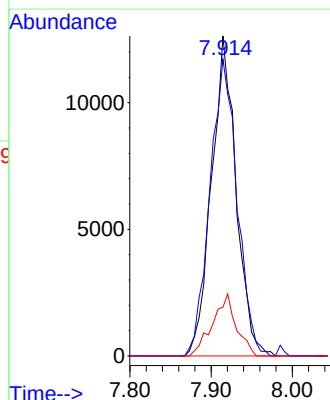
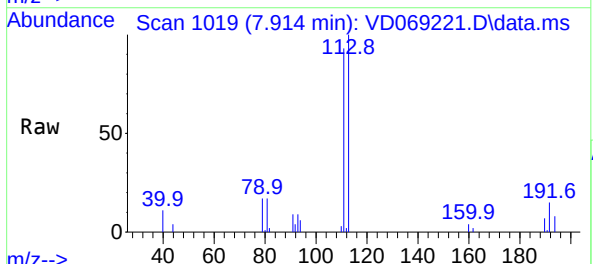
Tgt Ion:	114	Resp:	49497
Ion Ratio	Lower	Upper	
114	100		
63	17.1	0.0	36.4
88	13.2	0.0	28.2

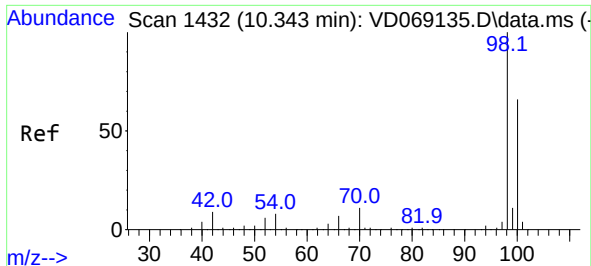


#35

Dibromofluoromethane
Concen: 82.59 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD069221.D
Acq: 20 May 2021 16:23

Tgt Ion:	113	Resp:	26602
Ion Ratio	Lower	Upper	
113	100		
111	102.4	80.6	120.8
192	18.7	14.8	22.2

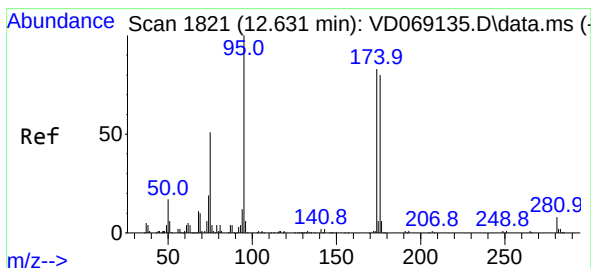
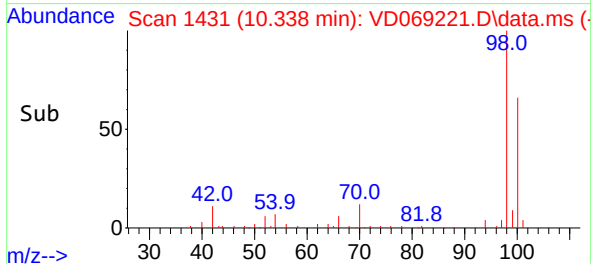
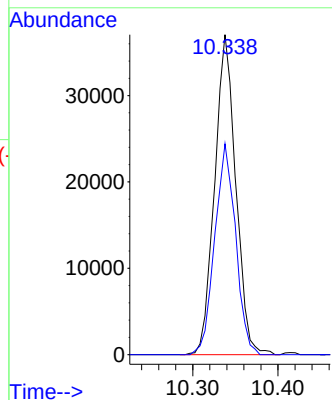
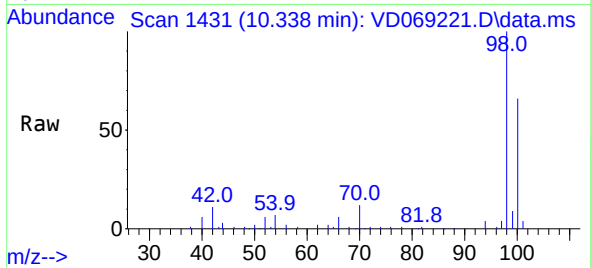




#50
Toluene-d8
Concen: 54.08 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD069221.D
Acq: 20 May 2021 16:23

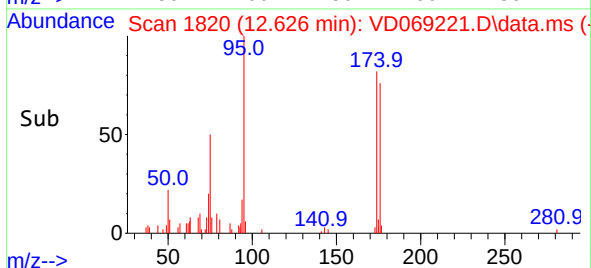
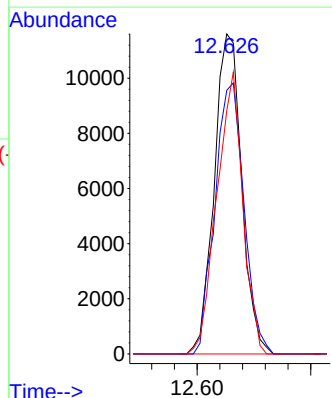
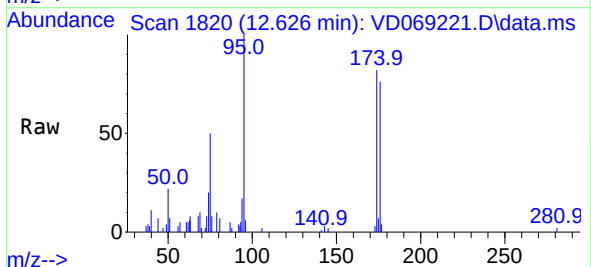
Instrument :
MSVOA_D
ClientSampled :
VOC

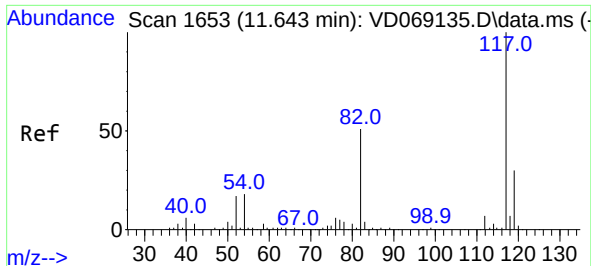
Tgt Ion: 98 Resp: 64006
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 51.15 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.005 min
Lab File: VD069221.D
Acq: 20 May 2021 16:23

Tgt Ion: 95 Resp: 19480
Ion Ratio Lower Upper
95 100
174 89.6 0.0 171.8
176 83.1 0.0 165.4

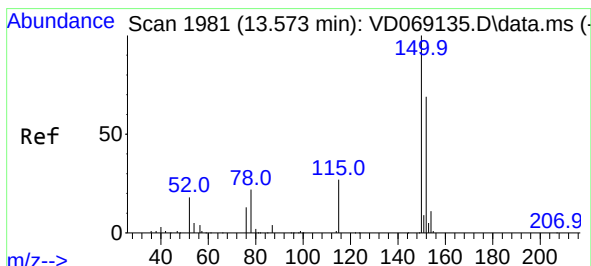
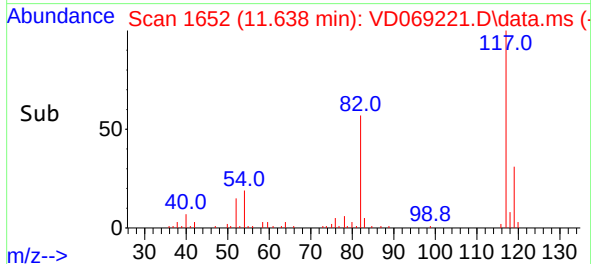
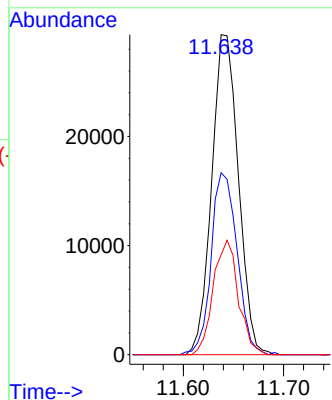
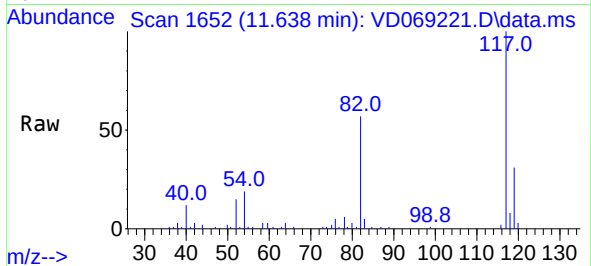




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.005 min
Lab File: VD069221.D
Acq: 20 May 2021 16:23

Instrument :
MSVOA_D
ClientSampleId :
VOC

Tgt Ion:	117	Resp:	54095
Ion Ratio	Lower	Upper	
117	100		
82	56.9	40.5	60.7
119	31.2	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: VD069221.D
Acq: 20 May 2021 16:23

Tgt Ion:	152	Resp:	23365
Ion Ratio	Lower	Upper	
152	100		
115	55.2	29.9	89.8
150	155.9	0.0	350.2

