

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
 Data File : VD069156.D
 Acq On : 13 May 2021 14:44
 Operator : VA/SY
 Sample : M2367-05
 Misc : 6.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PV-SP2

Quant Time: May 14 01:21:43 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	39038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	74445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	78813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	36201	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	39658	101.33	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	202.66%#
35) Dibromofluoromethane	7.920	113	33179	68.49	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	136.98%
50) Toluene-d8	10.337	98	93874	52.73	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.46%
62) 4-Bromofluorobenzene	12.631	95	31428	54.87	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.74%

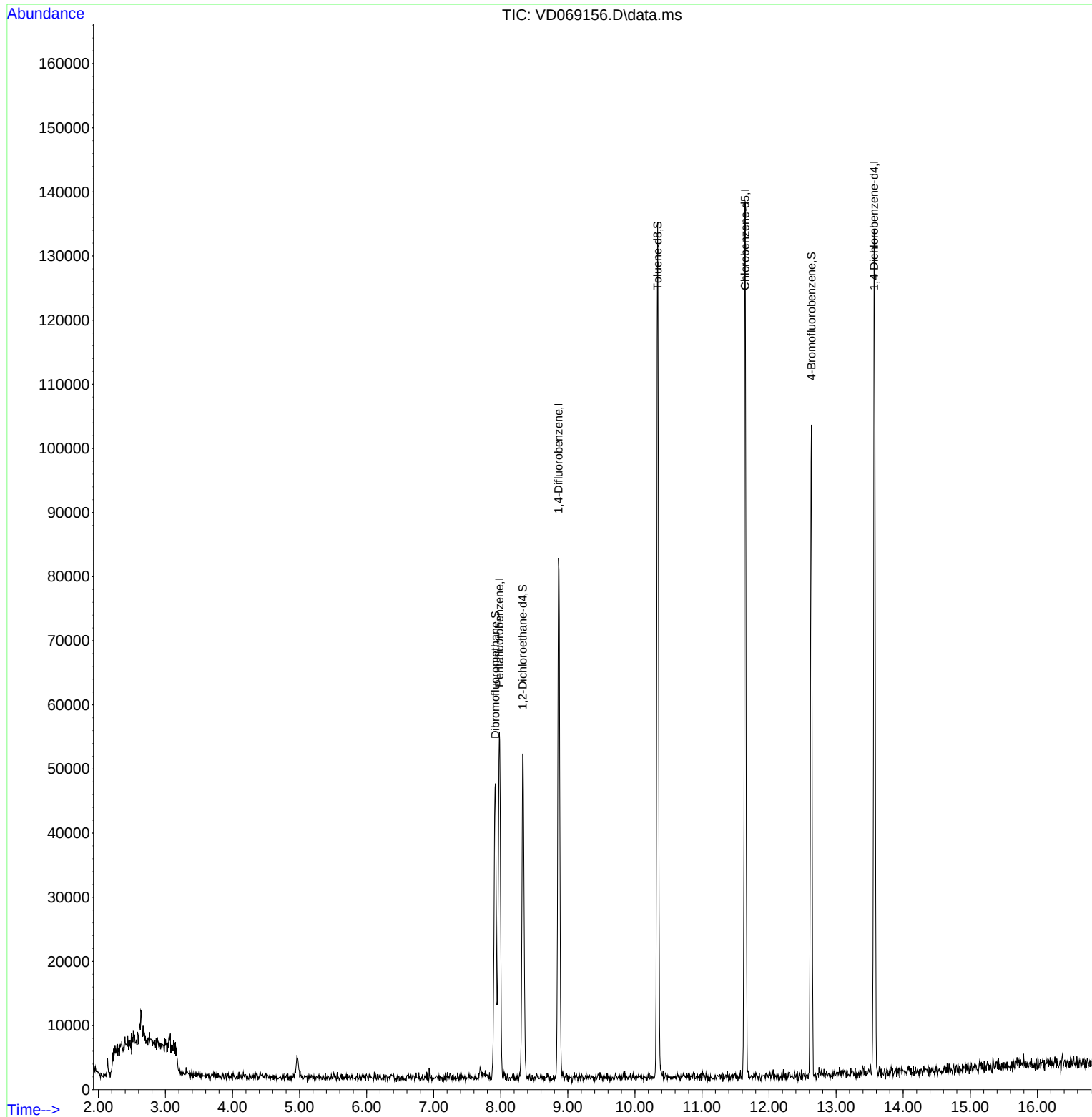
Target Compounds	Qvalue

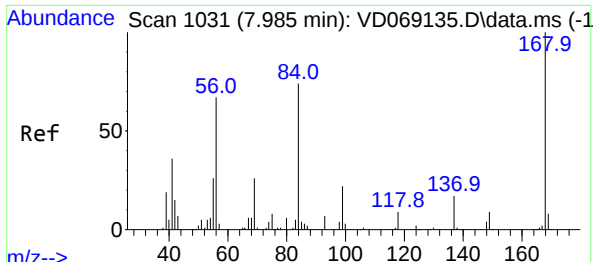
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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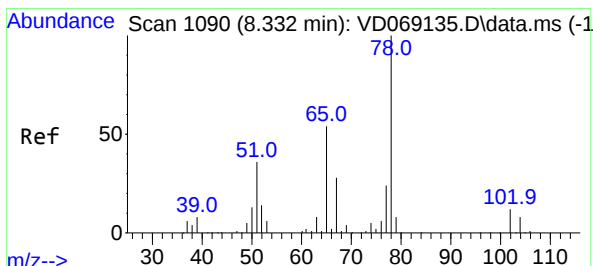
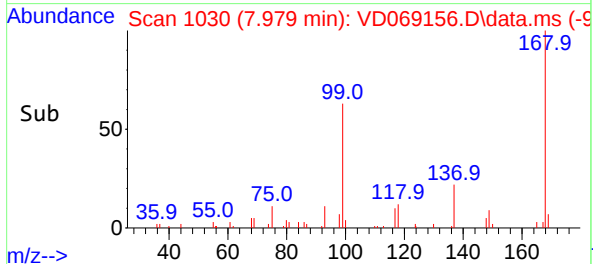
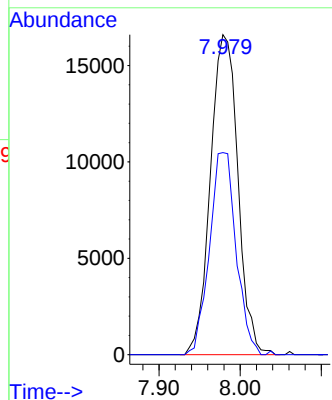
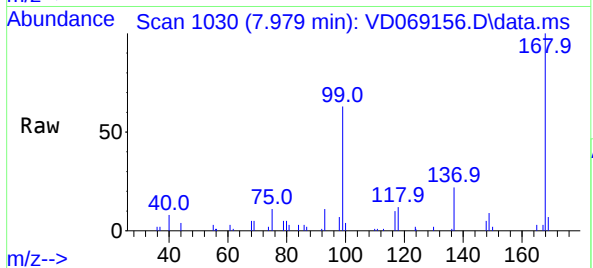




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD069156.D
 Acq: 13 May 2021 14:44

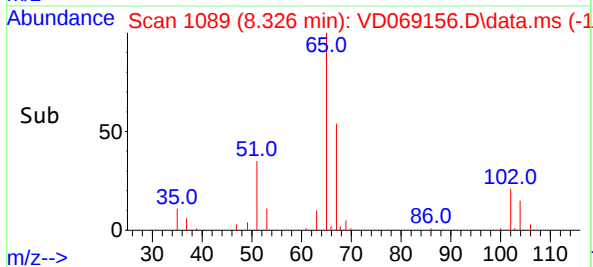
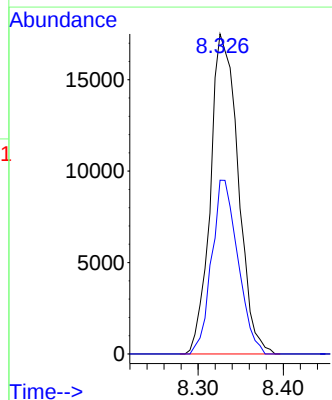
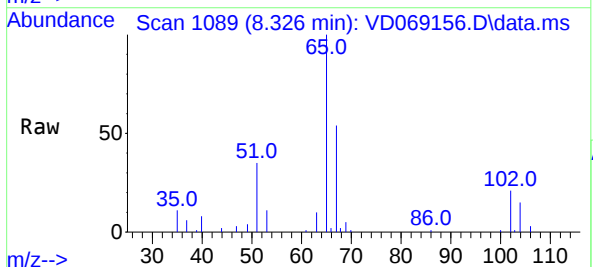
Instrument :
 MSVOA_D
 ClientSampleId :
 PV-SP2

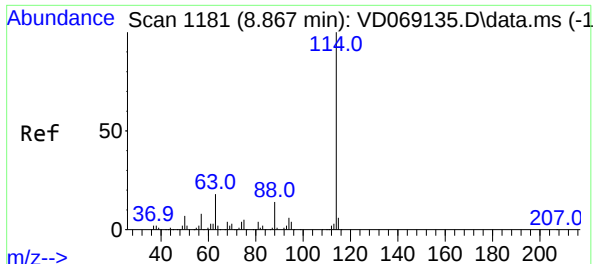
Tgt Ion:168 Resp: 39038
 Ion Ratio Lower Upper
 168 100
 99 63.2 47.2 70.8



1,2-Dichloroethane-d4
 Concen: 101.33 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: VD069156.D
 Acq: 13 May 2021 14:44

Tgt Ion: 65 Resp: 39658
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 108.0



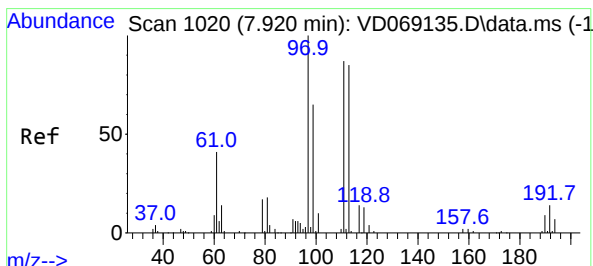
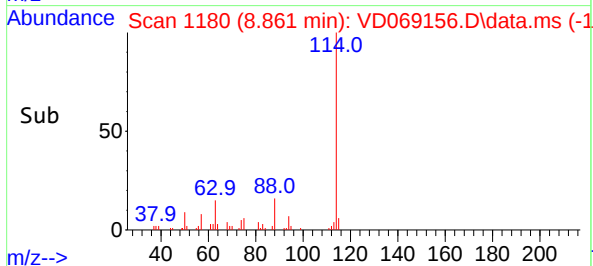
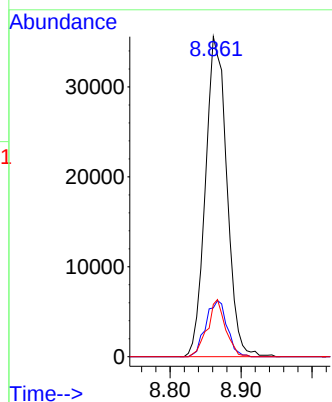
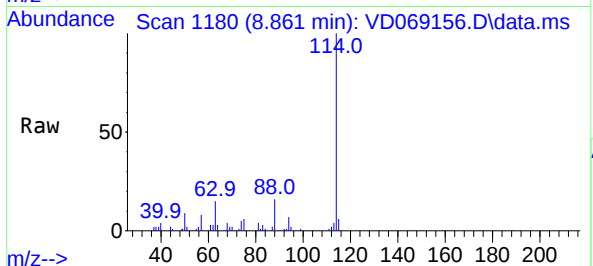


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069156.D
Acq: 13 May 2021 14:44

Instrument :
MSVOA_D
ClientSampleId :
PV-SP2

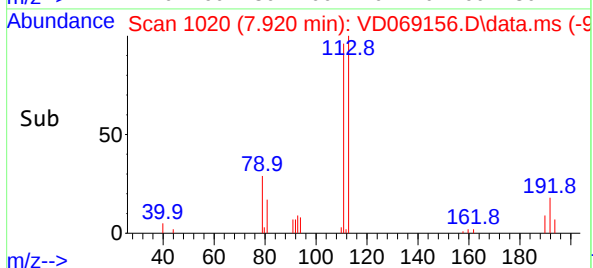
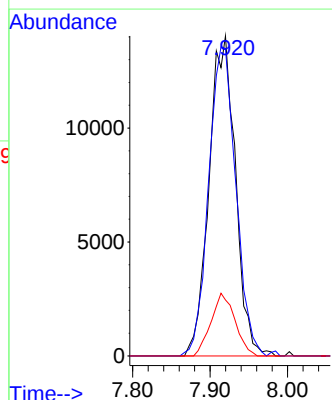
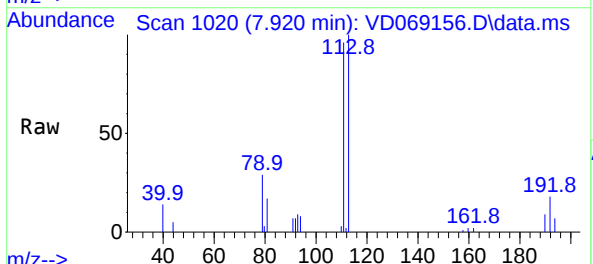
Tgt Ion:	114	Resp:	74445
Ion	Ratio	Lower	Upper
114	100		
63	15.2	0.0	36.4
88	16.4	0.0	28.2

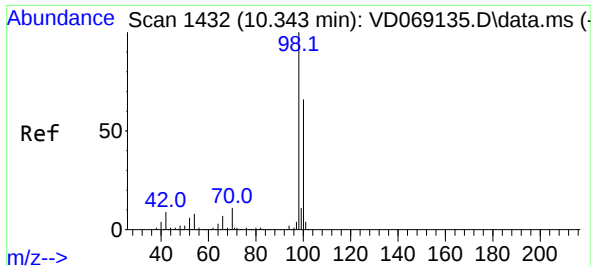


#35

Dibromofluoromethane
Concen: 68.49 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD069156.D
Acq: 13 May 2021 14:44

Tgt Ion:	113	Resp:	33179
Ion	Ratio	Lower	Upper
113	100		
111	99.6	80.6	120.8
192	17.9	14.8	22.2

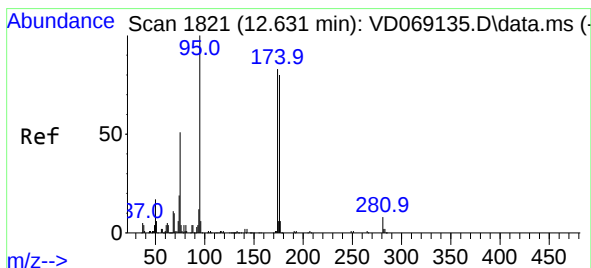
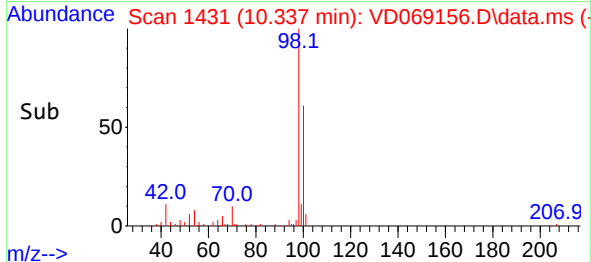
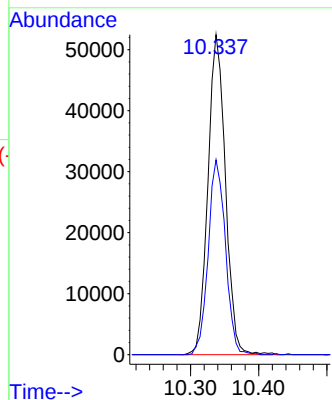
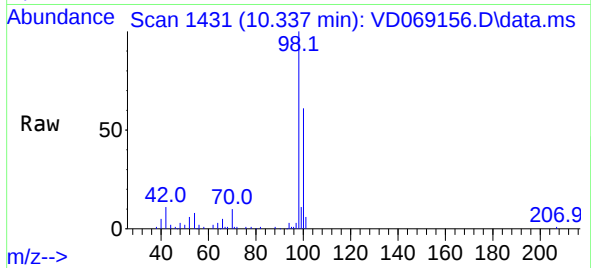




#50
Toluene-d8
Concen: 52.73 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069156.D
Acq: 13 May 2021 14:44

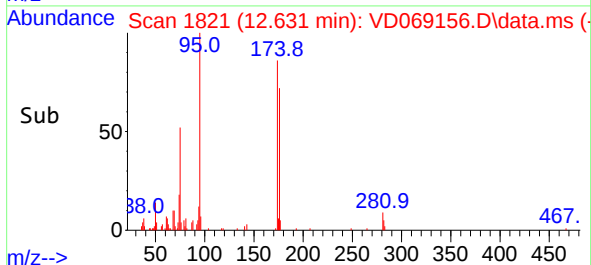
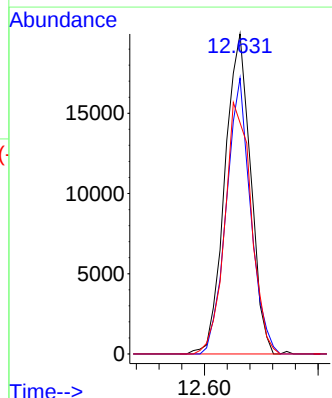
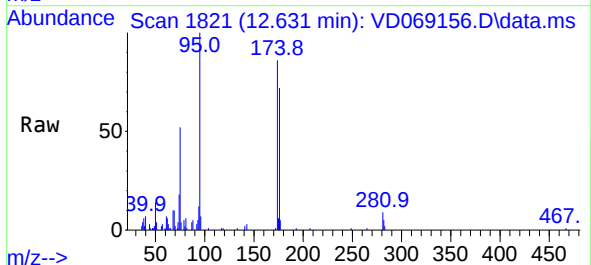
Instrument :
MSVOA_D
ClientSampleId :
PV-SP2

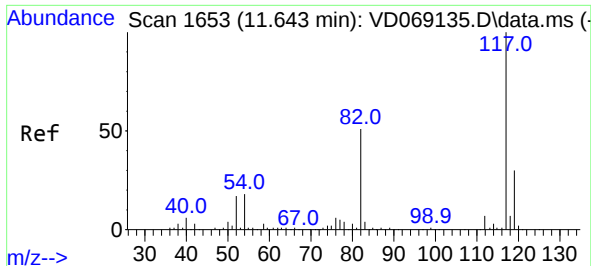
Tgt Ion: 98 Resp: 93874
Ion Ratio Lower Upper
98 100
100 59.9 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 54.87 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD069156.D
Acq: 13 May 2021 14:44

Tgt Ion: 95 Resp: 31428
Ion Ratio Lower Upper
95 100
174 81.4 0.0 171.8
176 81.0 0.0 165.4

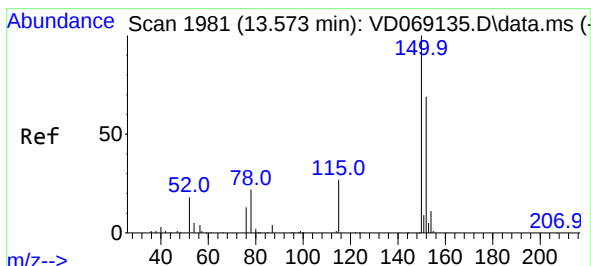
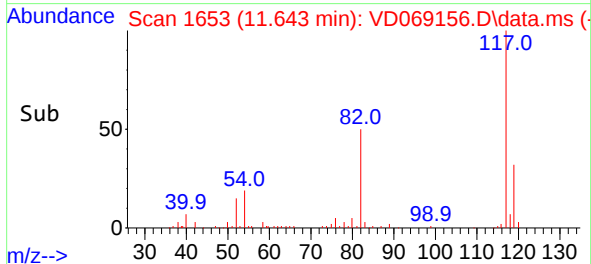
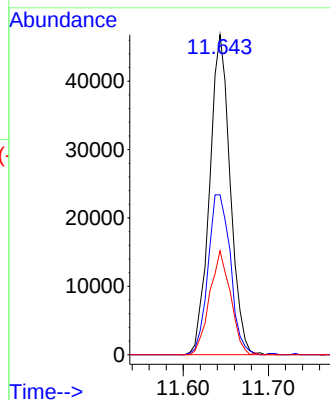
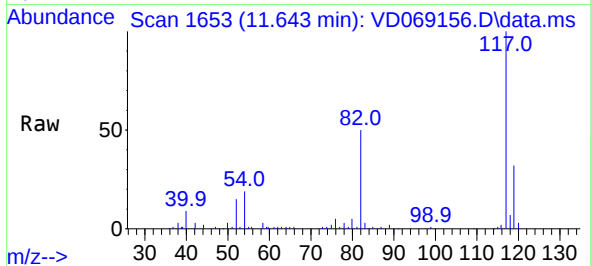




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069156.D
Acq: 13 May 2021 14:44

Instrument :
MSVOA_D
ClientSampleId :
PV-SP2

Tgt Ion:117 Resp: 78813
Ion Ratio Lower Upper
117 100
82 49.9 40.5 60.7
119 32.5 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: VD069156.D
Acq: 13 May 2021 14:44

Tgt Ion:152 Resp: 36201
Ion Ratio Lower Upper
152 100
115 58.0 29.9 89.8
150 155.8 0.0 350.2

