

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
 Data File : VD069189.D
 Acq On : 19 May 2021 11:31
 Operator : VA/SY
 Sample : VD0519SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBL01

Quant Time: May 20 00:59:01 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	237213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	447006	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	421770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	181879	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	151196	63.58	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.16%
35) Dibromofluoromethane	7.914	113	159233	54.74	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.48%
50) Toluene-d8	10.338	98	558081	52.21	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.42%
62) 4-Bromofluorobenzene	12.632	95	164943	47.96	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.92%

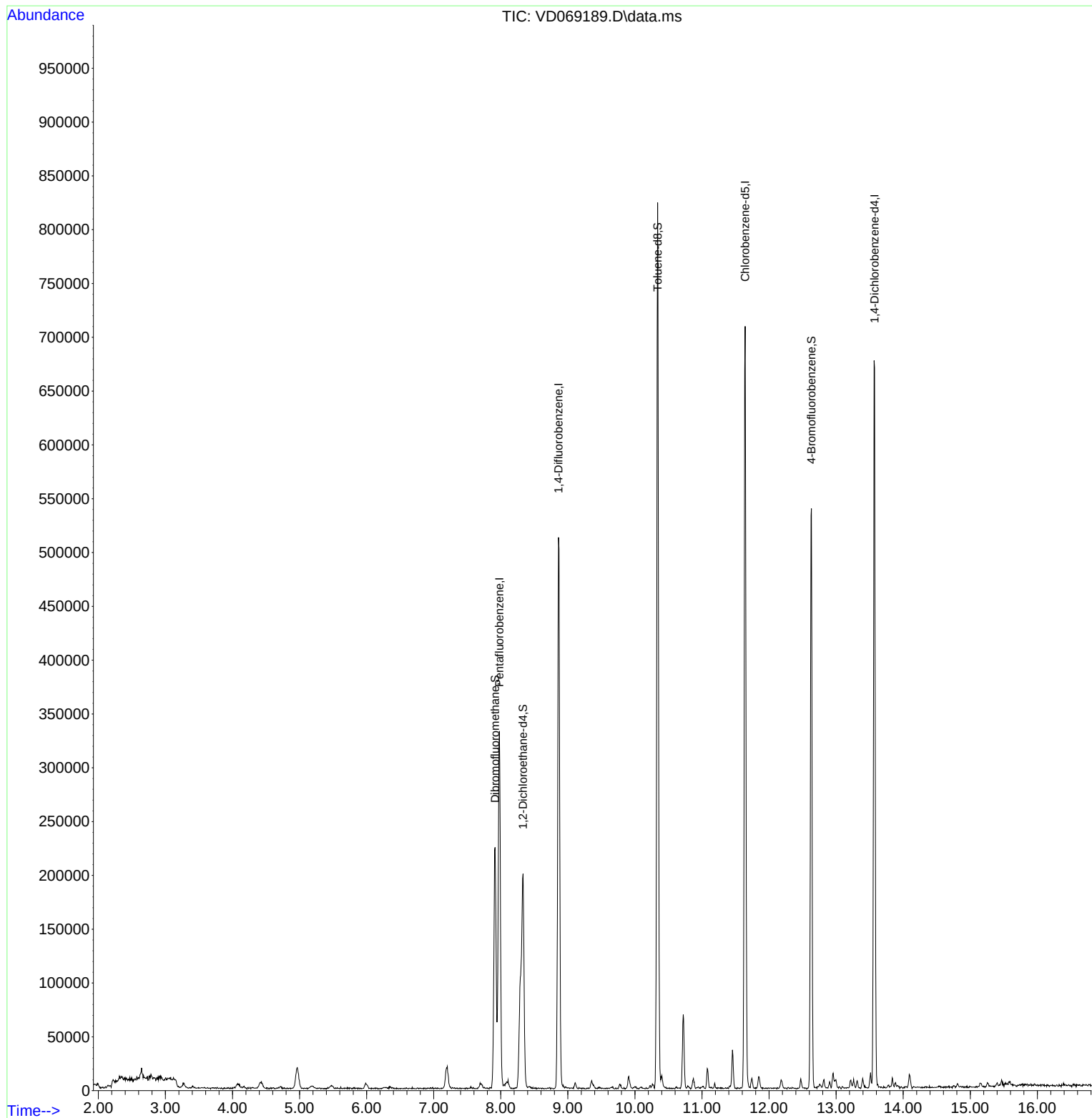
Target Compounds	Qvalue

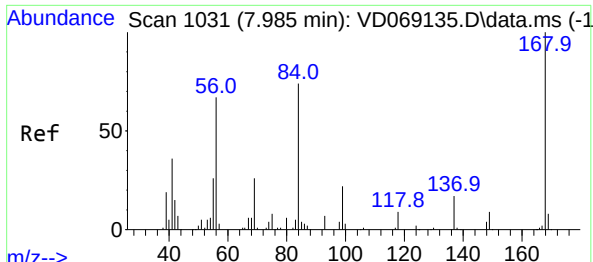
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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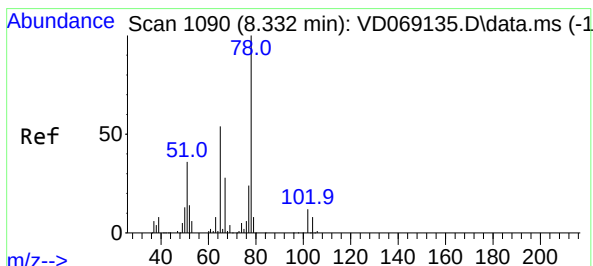
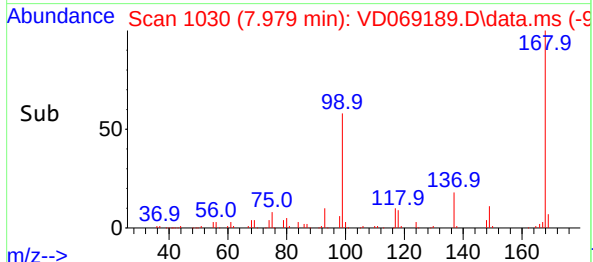
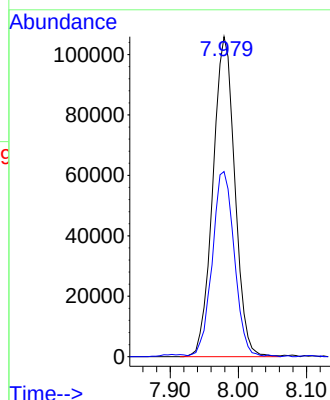
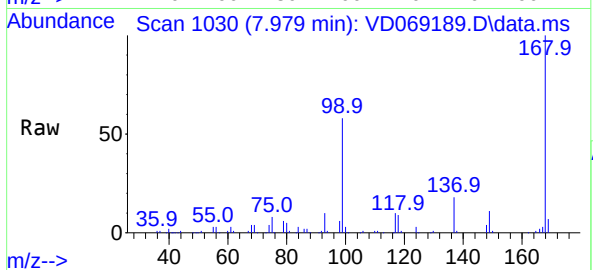




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069189.D
Acq: 19 May 2021 11:31

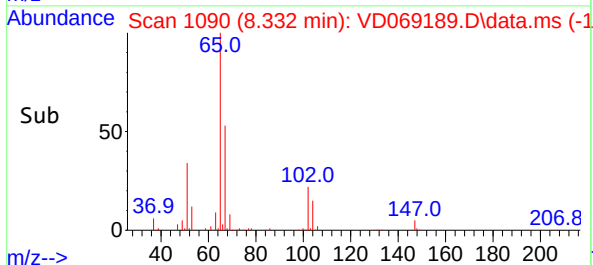
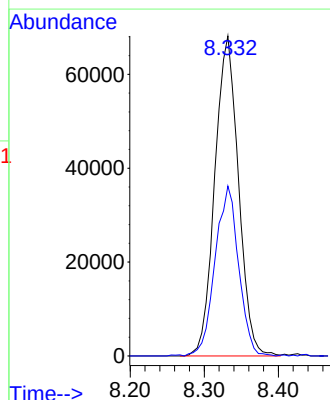
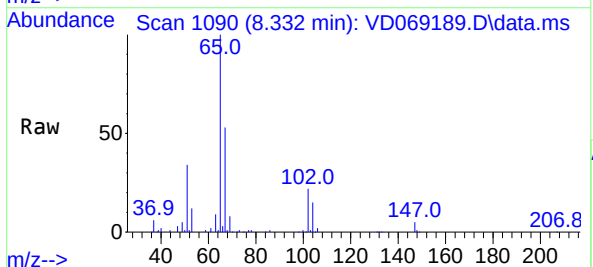
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBL01

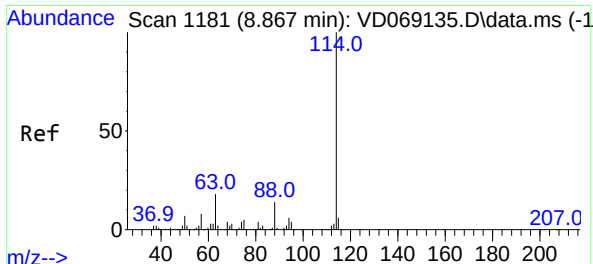
Tgt Ion:168 Resp: 237213
Ion Ratio Lower Upper
168 100
99 57.9 47.2 70.8



#33
1,2-Dichloroethane-d4
Concen: 63.58 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069189.D
Acq: 19 May 2021 11:31

Tgt Ion: 65 Resp: 151196
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.0



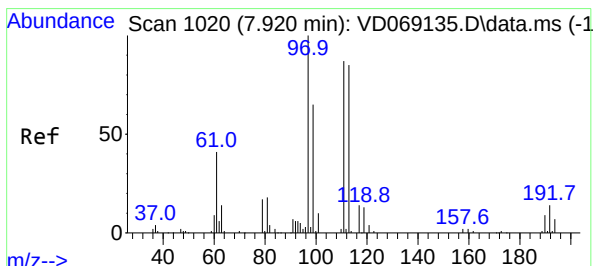
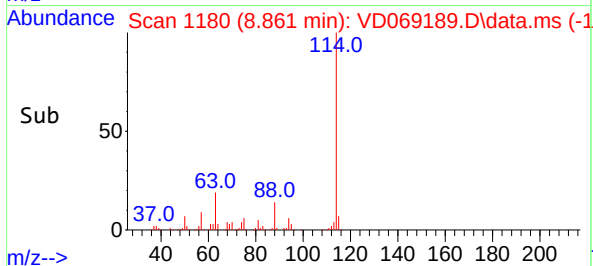
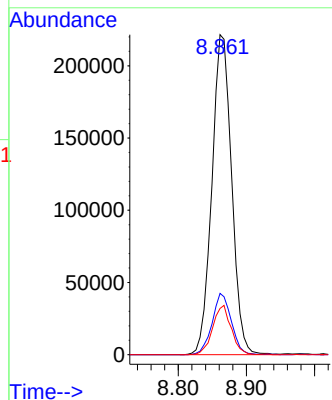
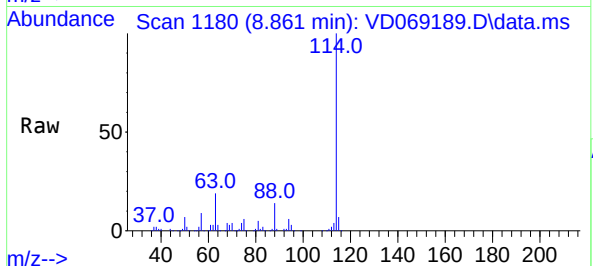


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069189.D
Acq: 19 May 2021 11:31

Instrument :
MSVOA_D
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VD0519SBL01

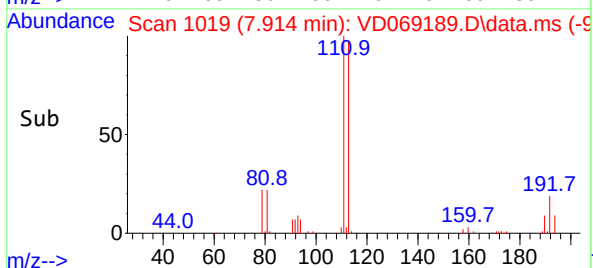
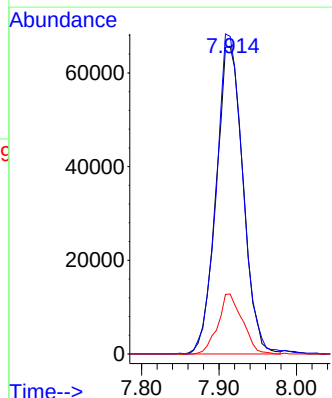
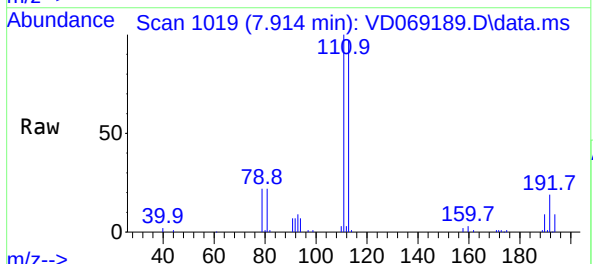
Tgt Ion:114 Resp: 447006
Ion Ratio Lower Upper
114 100
63 19.1 0.0 36.4
88 14.5 0.0 28.2

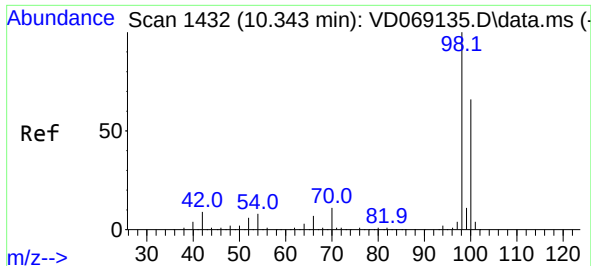


#35

Dibromofluoromethane
Concen: 54.74 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069189.D
Acq: 19 May 2021 11:31

Tgt Ion:113 Resp: 159233
Ion Ratio Lower Upper
113 100
111 102.3 80.6 120.8
192 17.6 14.8 22.2

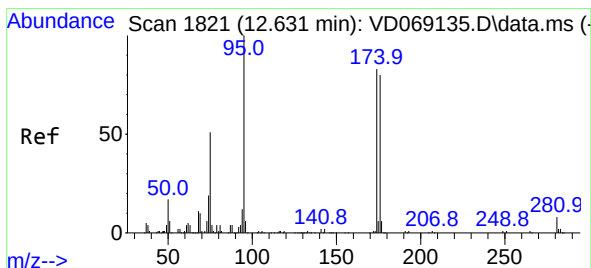
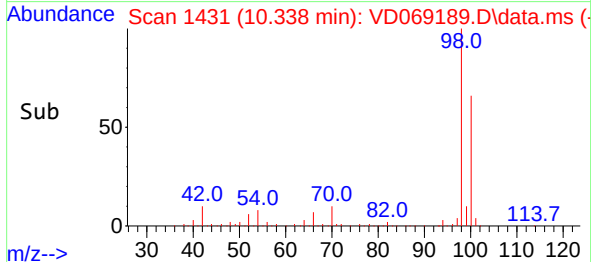
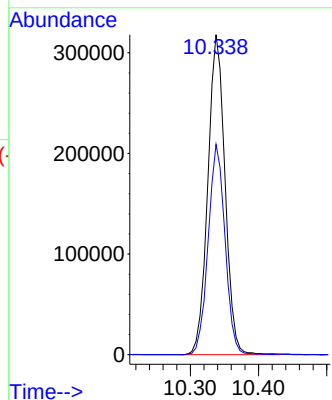
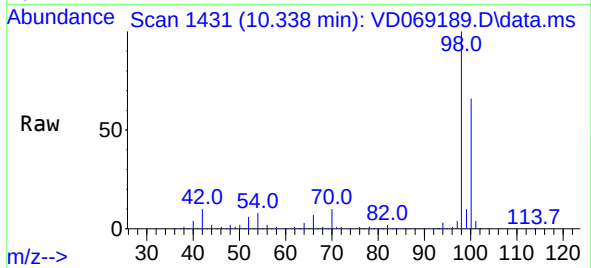




#50
Toluene-d8
Concen: 52.21 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069189.D
Acq: 19 May 2021 11:31

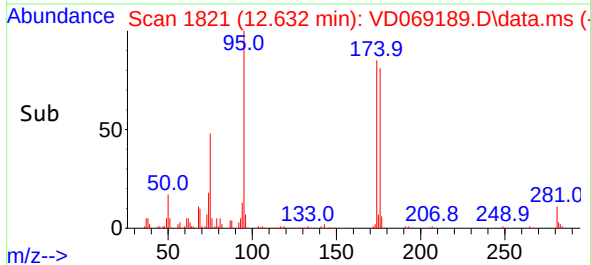
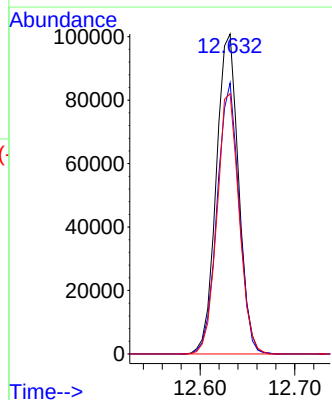
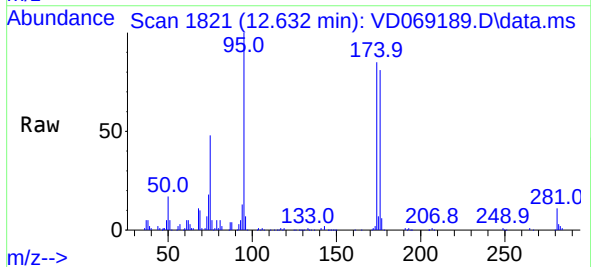
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBL01

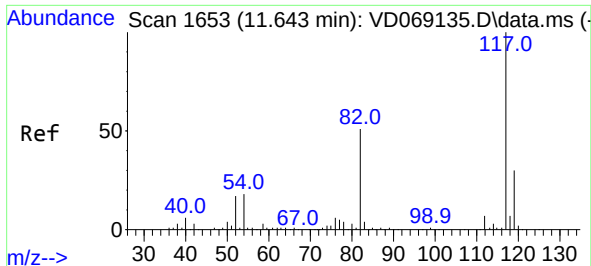
Tgt Ion: 98 Resp: 558081
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 47.96 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069189.D
Acq: 19 May 2021 11:31

Tgt Ion: 95 Resp: 164943
Ion Ratio Lower Upper
95 100
174 83.2 0.0 171.8
176 80.6 0.0 165.4

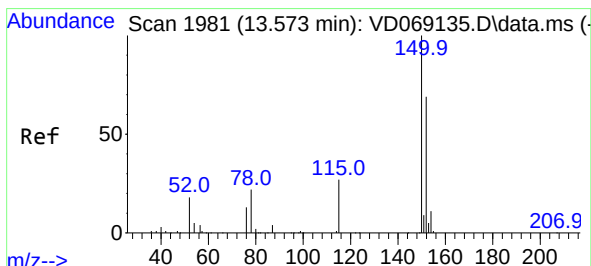
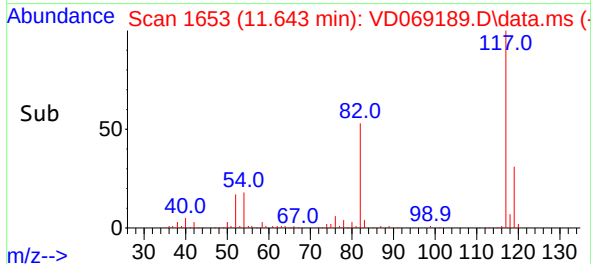
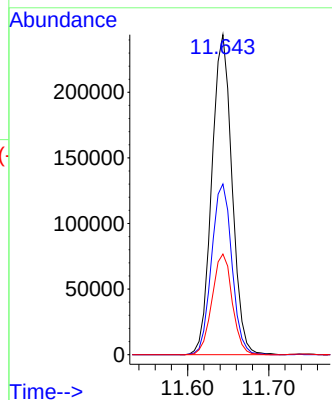
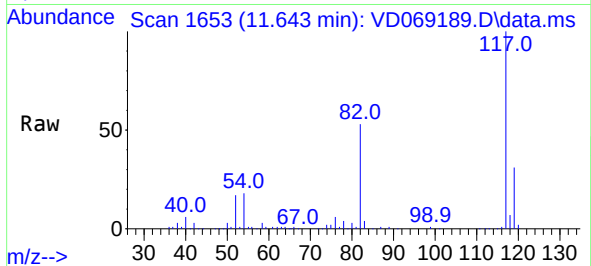




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069189.D
Acq: 19 May 2021 11:31

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBL01

Tgt Ion:117 Resp: 421770
Ion Ratio Lower Upper
117 100
82 53.4 40.5 60.7
119 31.4 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: VD069189.D
Acq: 19 May 2021 11:31

Tgt Ion:152 Resp: 181879
Ion Ratio Lower Upper
152 100
115 60.1 29.9 89.8
150 158.0 0.0 350.2

