

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050621\
 Data File : VD069082.D
 Acq On : 06 May 2021 18:25
 Operator : VA/SY
 Sample : M2266-01
 Misc : 5.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CRT-016

Quant Time: May 07 01:11:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	250291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	447233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	513723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	263664	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	141262	43.79	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.58%
35) Dibromofluoromethane	7.914	113	157878	51.48	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.96%
50) Toluene-d8	10.338	98	579245	51.16	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.32%
62) 4-Bromofluorobenzene	12.632	95	244091	65.54	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	131.08%

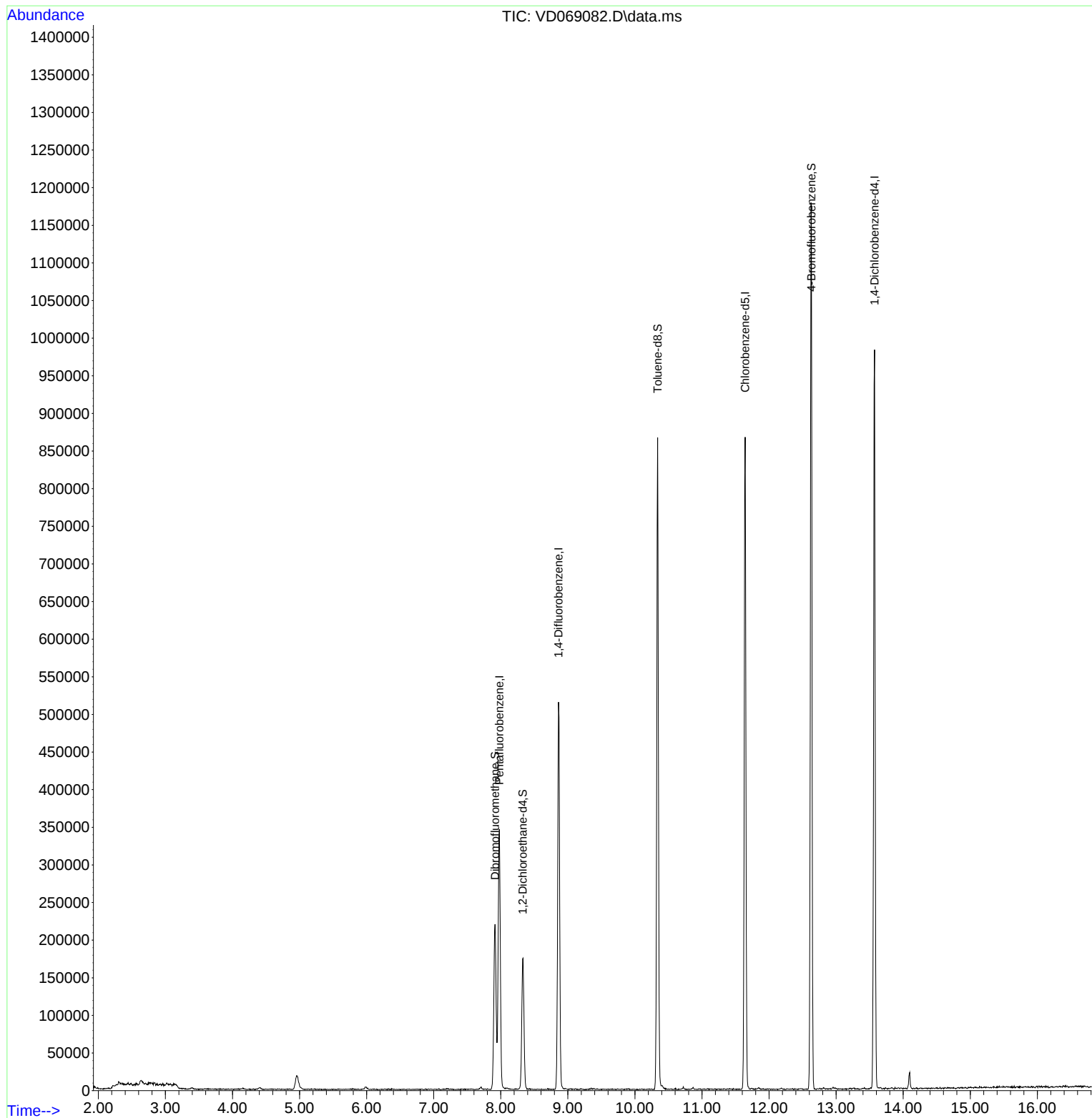
Target Compounds	Qvalue

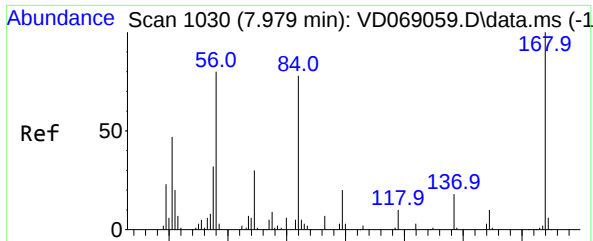
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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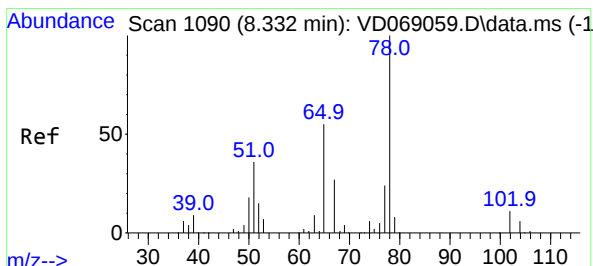
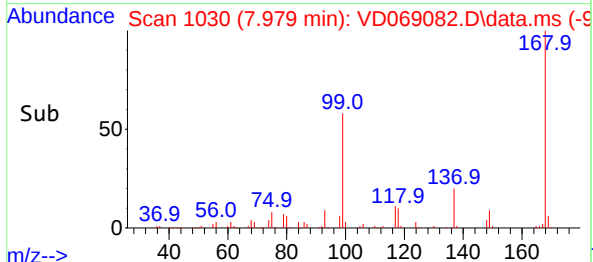
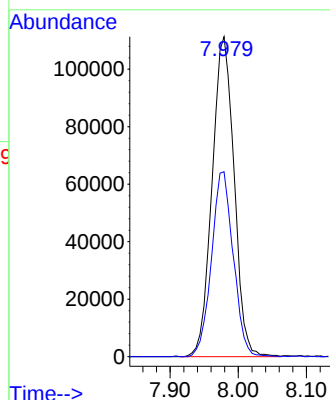
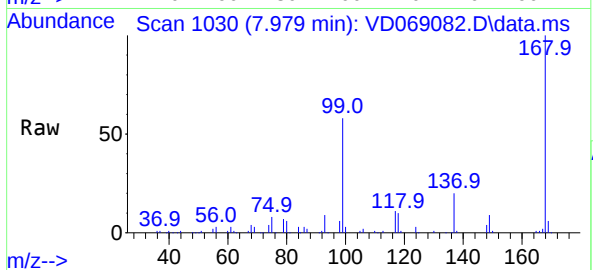




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25

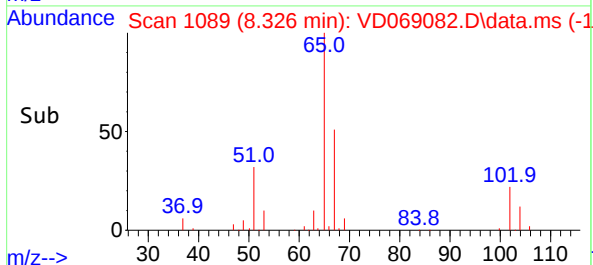
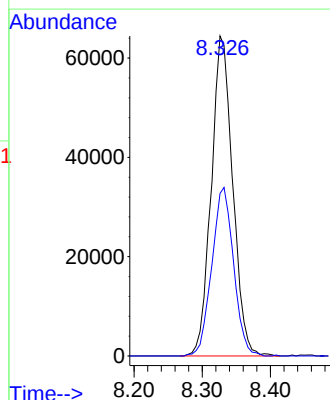
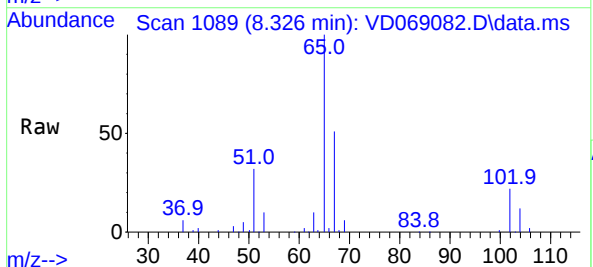
Instrument :
MSVOA_D
ClientSampled :
CRT-016

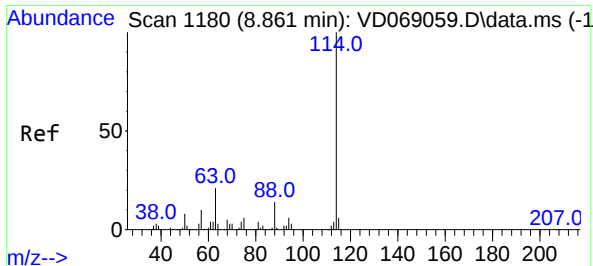
Tgt Ion:168 Resp: 250291
Ion Ratio Lower Upper
168 100
99 57.8 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 43.79 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25

Tgt Ion: 65 Resp: 141262
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.4



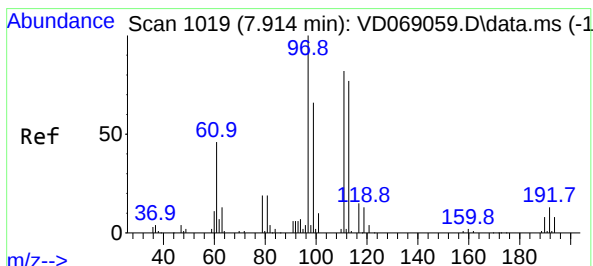
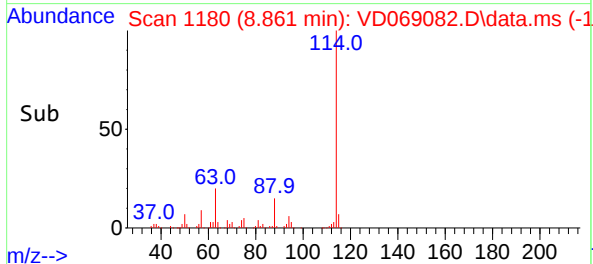
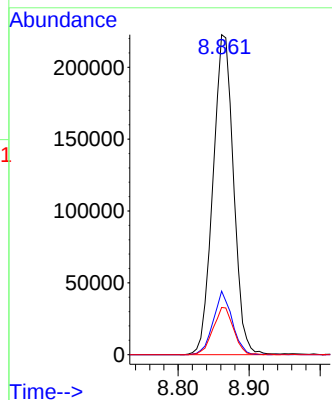
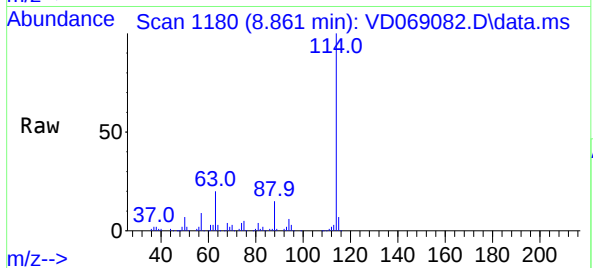


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25

Instrument :
MSVOA_D
ClientSampled :
CRT-016

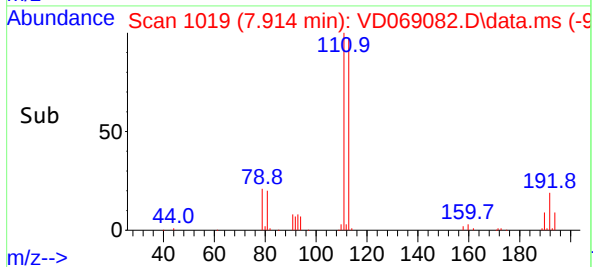
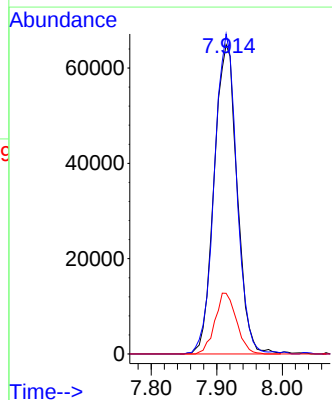
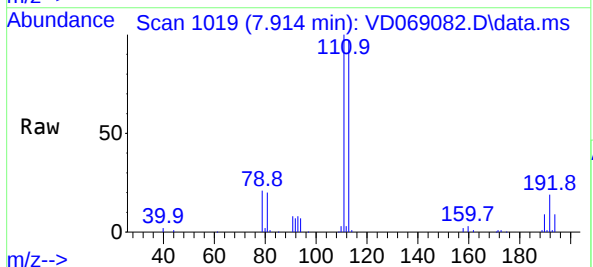
Tgt Ion:114 Resp: 447233
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.4
88 14.7 0.0 27.8

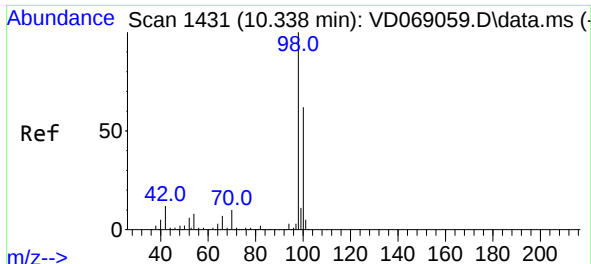


#35

Dibromofluoromethane
Concen: 51.48 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25

Tgt Ion:113 Resp: 157878
Ion Ratio Lower Upper
113 100
111 101.1 84.6 126.8
192 18.4 13.5 20.3

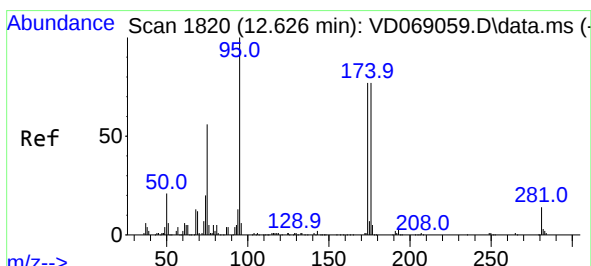
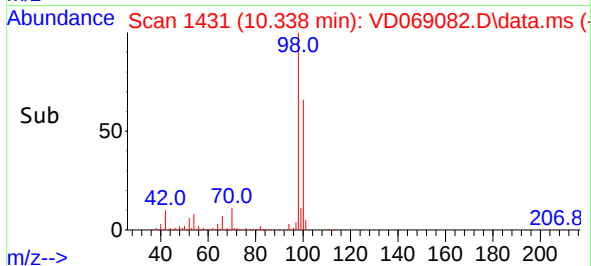
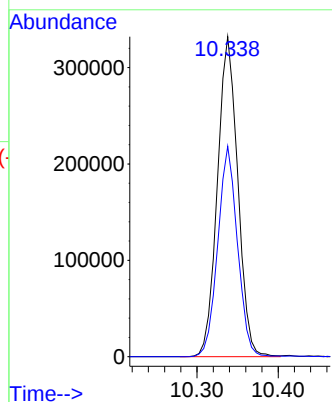
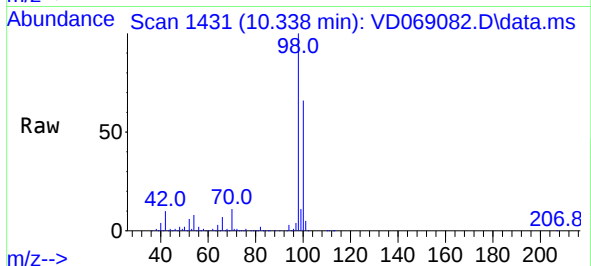




#50
Toluene-d8
Concen: 51.16 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25

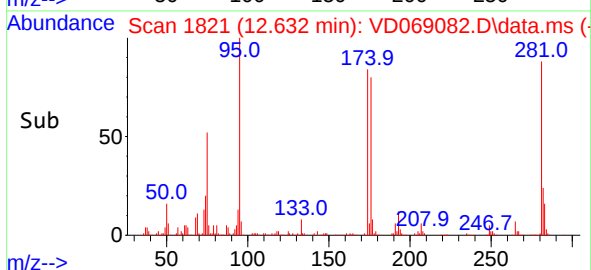
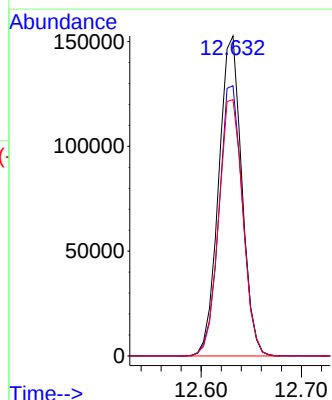
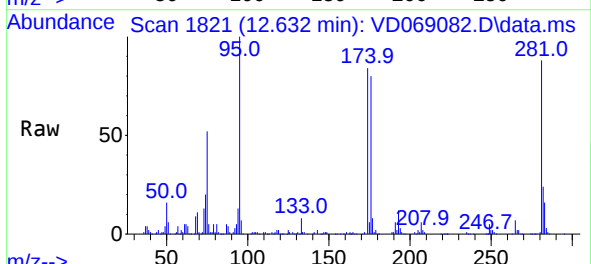
Instrument :
MSVOA_D
ClientSampled :
CRT-016

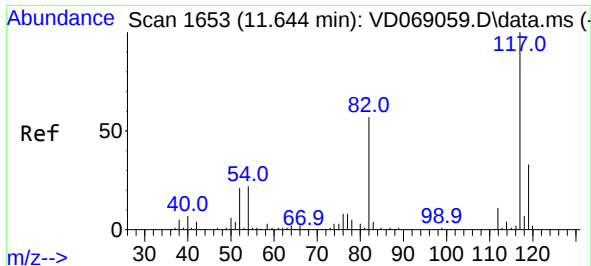
Tgt Ion: 98 Resp: 579245
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 65.54 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25

Tgt Ion: 95 Resp: 244091
Ion Ratio Lower Upper
95 100
174 86.3 0.0 156.0
176 83.5 0.0 149.4

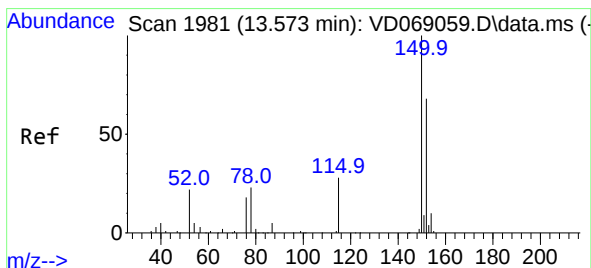
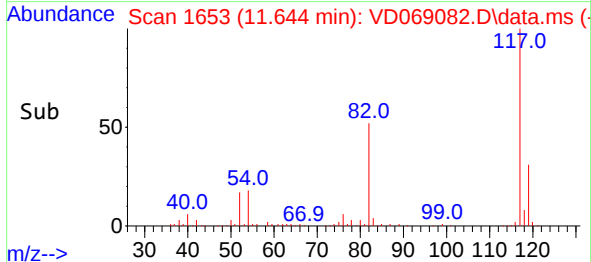
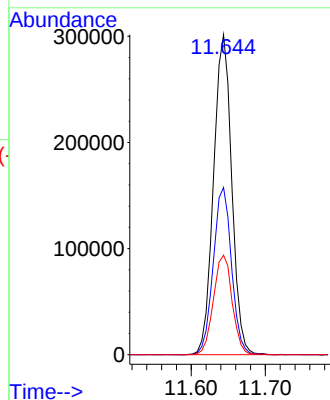
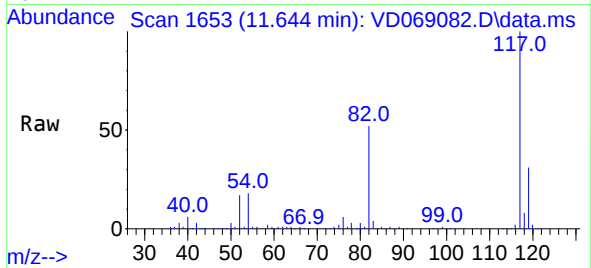




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25

Instrument :
MSVOA_D
ClientSampleId :
CRT-016

Tgt Ion:117 Resp: 513723
Ion Ratio Lower Upper
117 100
82 52.2 45.4 68.2
119 31.1 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25

Tgt Ion:152 Resp: 263664
Ion Ratio Lower Upper
152 100
115 54.9 30.5 91.5
150 157.4 0.0 340.8

