

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052421\
 Data File : VD069251.D
 Acq On : 24 May 2021 12:52
 Operator : VA/SY
 Sample : VD0524SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBL01

Quant Time: May 25 00:54:03 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	253122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	452086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	395100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	167954	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	144933	57.12	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.24%
35) Dibromofluoromethane	7.914	113	152560	51.86	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.72%
50) Toluene-d8	10.338	98	457305	42.30	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.60%
62) 4-Bromofluorobenzene	12.626	95	137621	39.56	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.12%

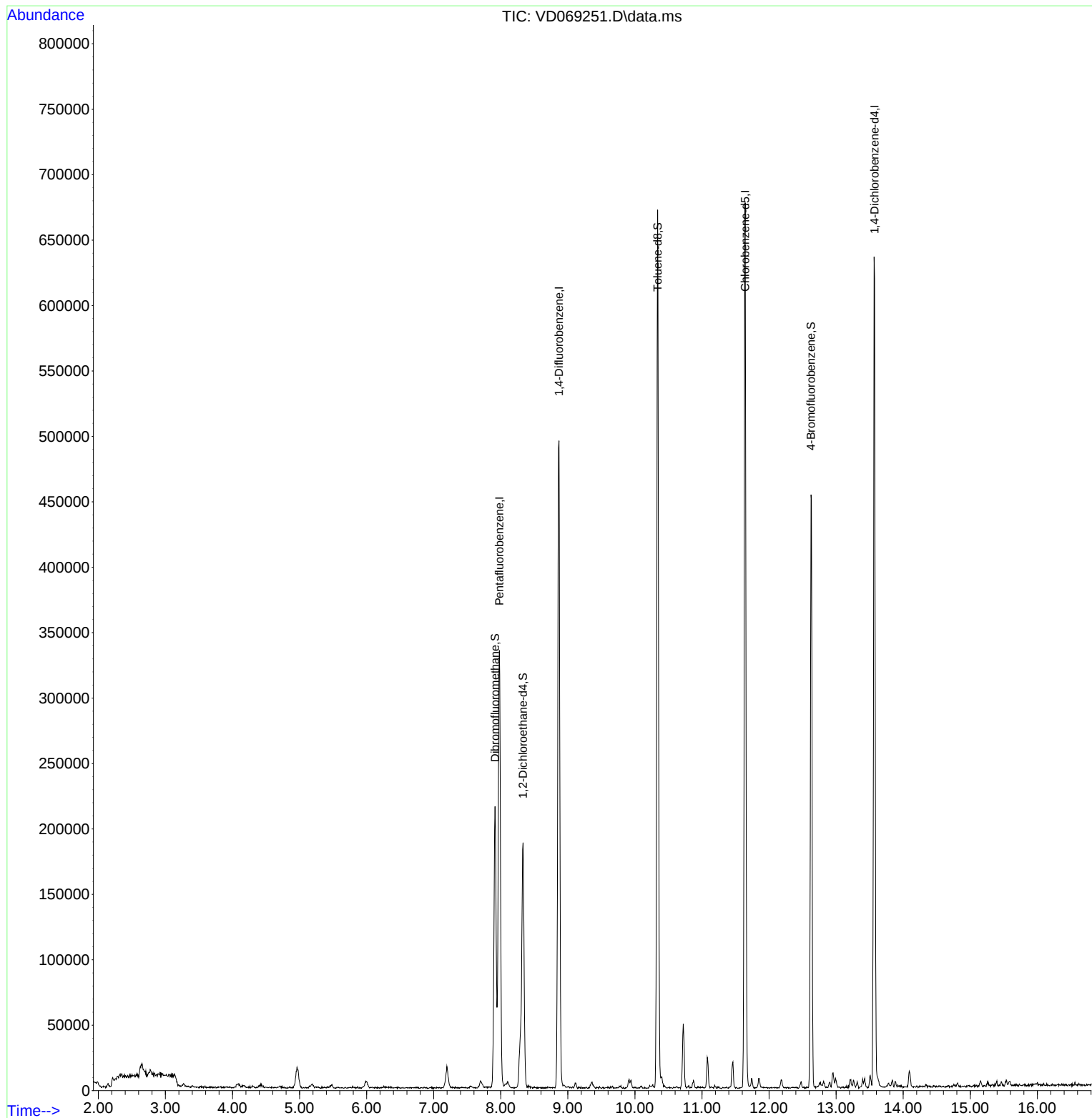
Target Compounds	Qvalue

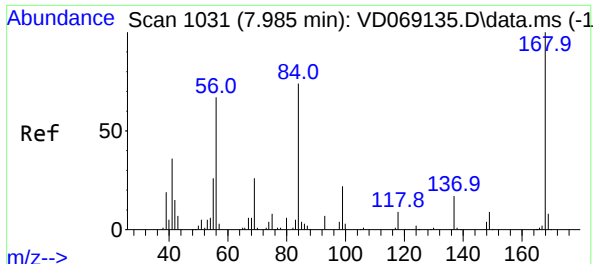
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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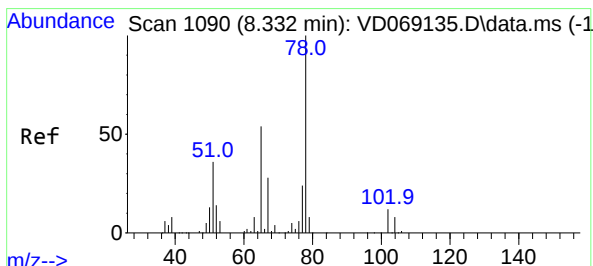
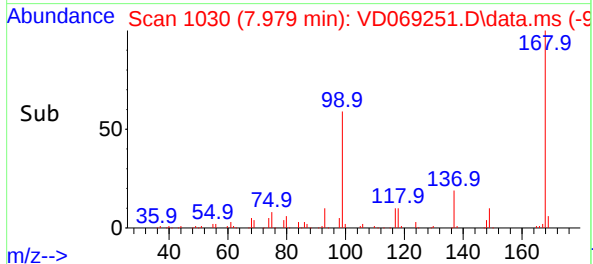
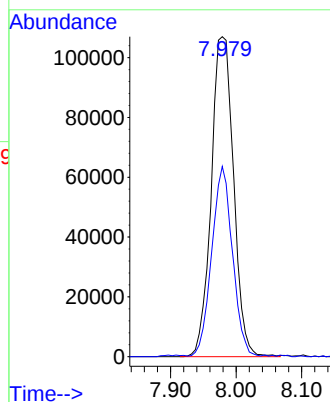
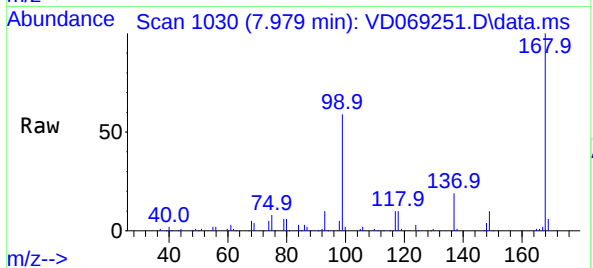




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069251.D
Acq: 24 May 2021 12:52

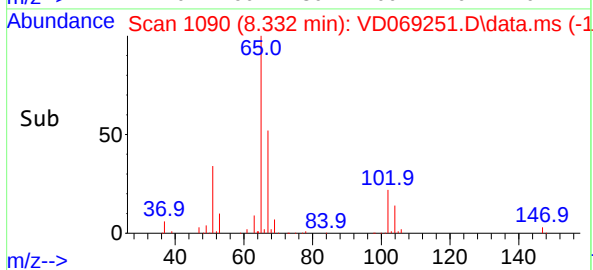
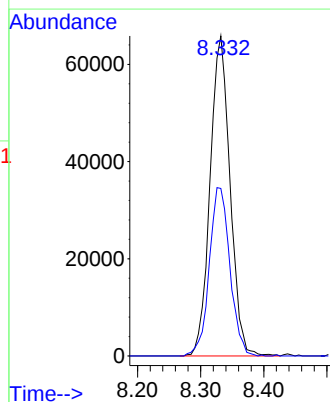
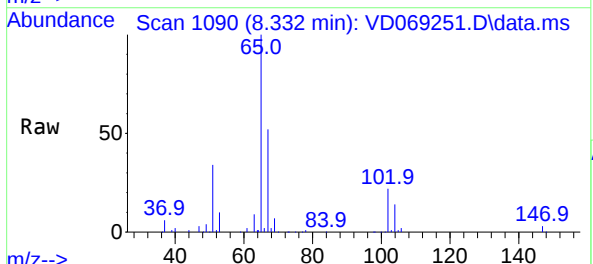
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL01

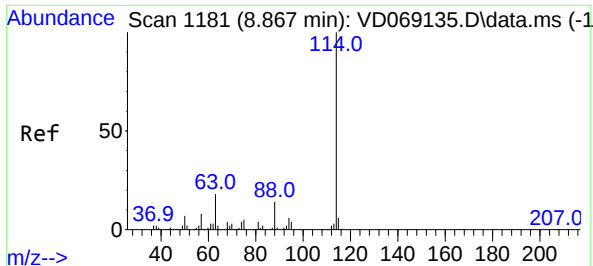
Tgt Ion:168 Resp: 253122
Ion Ratio Lower Upper
168 100
99 59.1 47.2 70.8



#33
1,2-Dichloroethane-d4
Concen: 57.12 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069251.D
Acq: 24 May 2021 12:52

Tgt Ion: 65 Resp: 144933
Ion Ratio Lower Upper
65 100
67 54.3 0.0 108.0



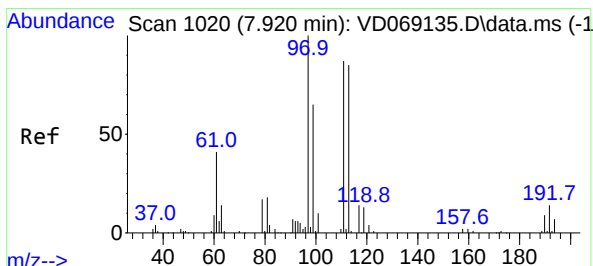
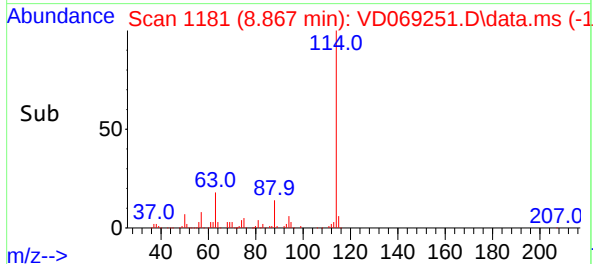
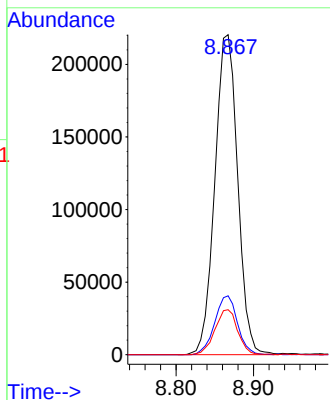
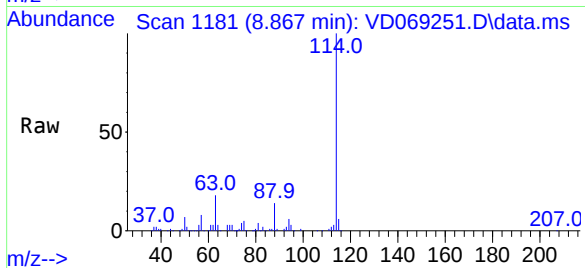


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069251.D
Acq: 24 May 2021 12:52

Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL01

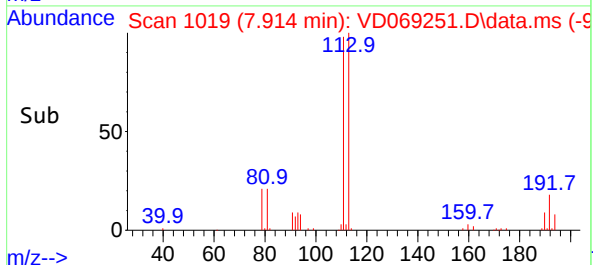
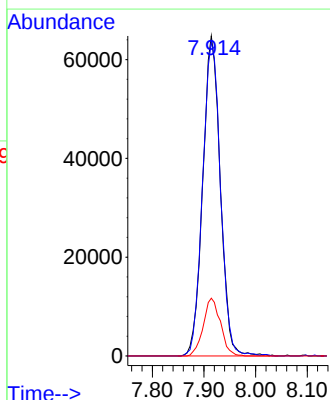
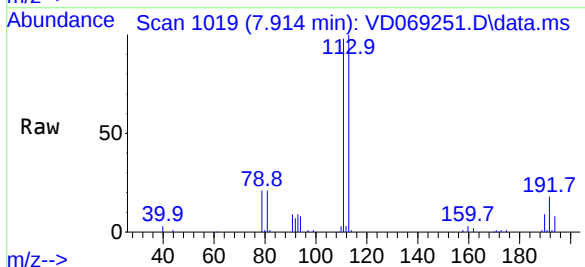
Tgt Ion:114 Resp: 452086
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.4
88 14.0 0.0 28.2

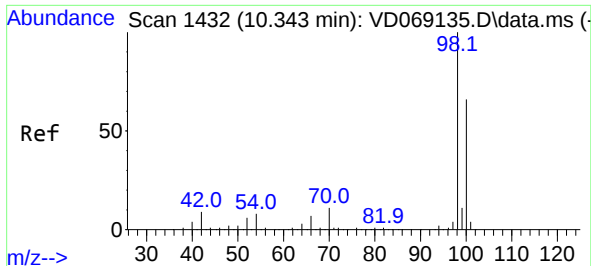


#35

Dibromofluoromethane
Concen: 51.86 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069251.D
Acq: 24 May 2021 12:52

Tgt Ion:113 Resp: 152560
Ion Ratio Lower Upper
113 100
111 99.9 80.6 120.8
192 17.7 14.8 22.2

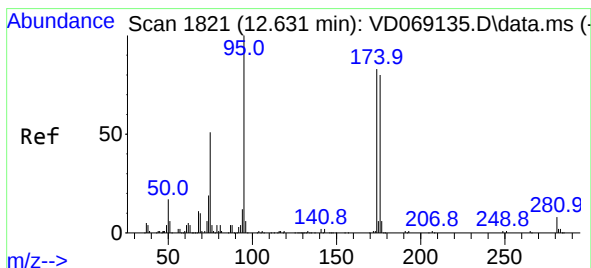
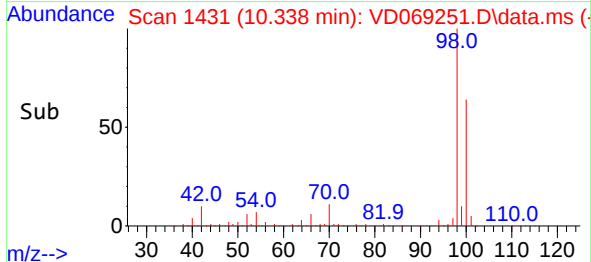
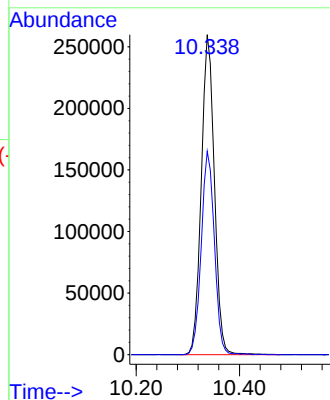
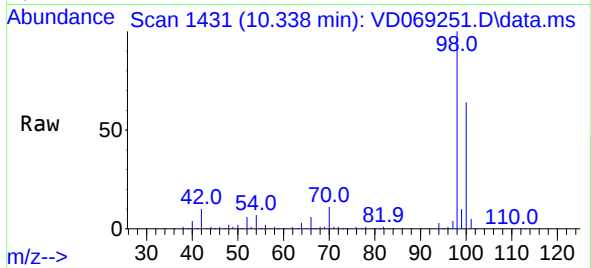




#50
Toluene-d8
Concen: 42.30 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069251.D
Acq: 24 May 2021 12:52

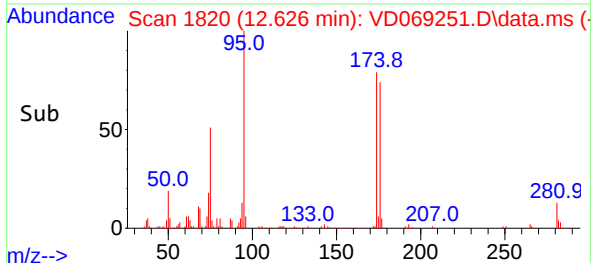
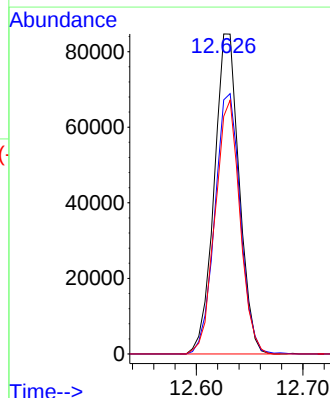
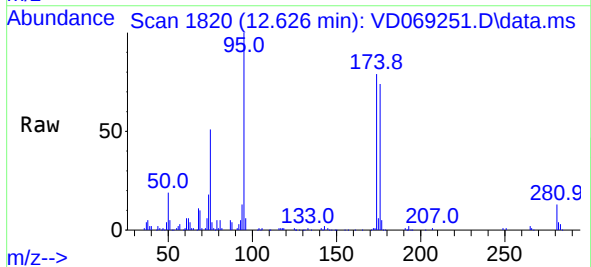
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL01

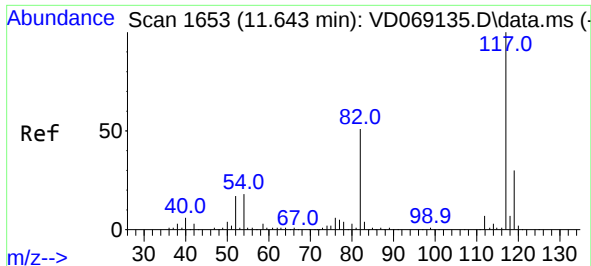
Tgt Ion: 98 Resp: 457305
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 39.56 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069251.D
Acq: 24 May 2021 12:52

Tgt Ion: 95 Resp: 137621
Ion Ratio Lower Upper
95 100
174 83.1 0.0 171.8
176 78.8 0.0 165.4

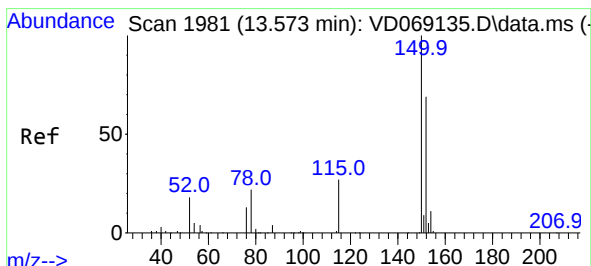
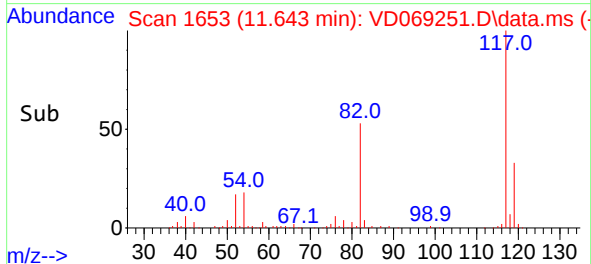
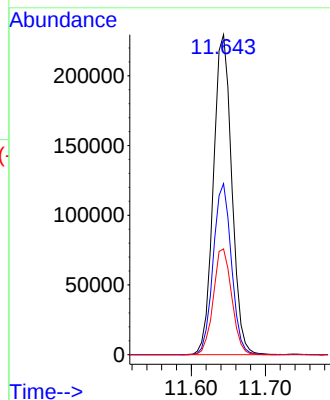
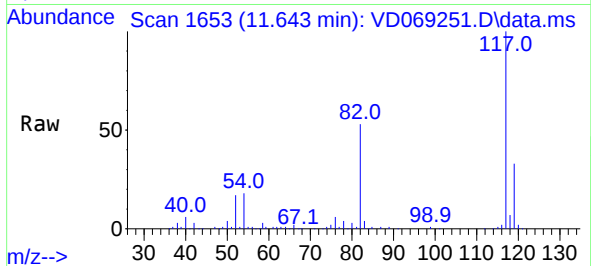




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069251.D
Acq: 24 May 2021 12:52

Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL01

Tgt Ion:117 Resp: 395100
Ion Ratio Lower Upper
117 100
82 53.5 40.5 60.7
119 33.1 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: VD069251.D
Acq: 24 May 2021 12:52

Tgt Ion:152 Resp: 167954
Ion Ratio Lower Upper
152 100
115 59.0 29.9 89.8
150 159.9 0.0 350.2

