

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
 Data File : VD068825.D
 Acq On : 12 Apr 2021 11:29
 Operator : VA/SY
 Sample : VD0412SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBL01

Quant Time: Apr 13 01:07:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	263713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	456560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	520230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	255472	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	129133	46.33	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.66%
35) Dibromofluoromethane	7.920	113	138912	46.78	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.56%
50) Toluene-d8	10.338	98	609102	54.37	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.74%
62) 4-Bromofluorobenzene	12.632	95	227866	61.24	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.48%

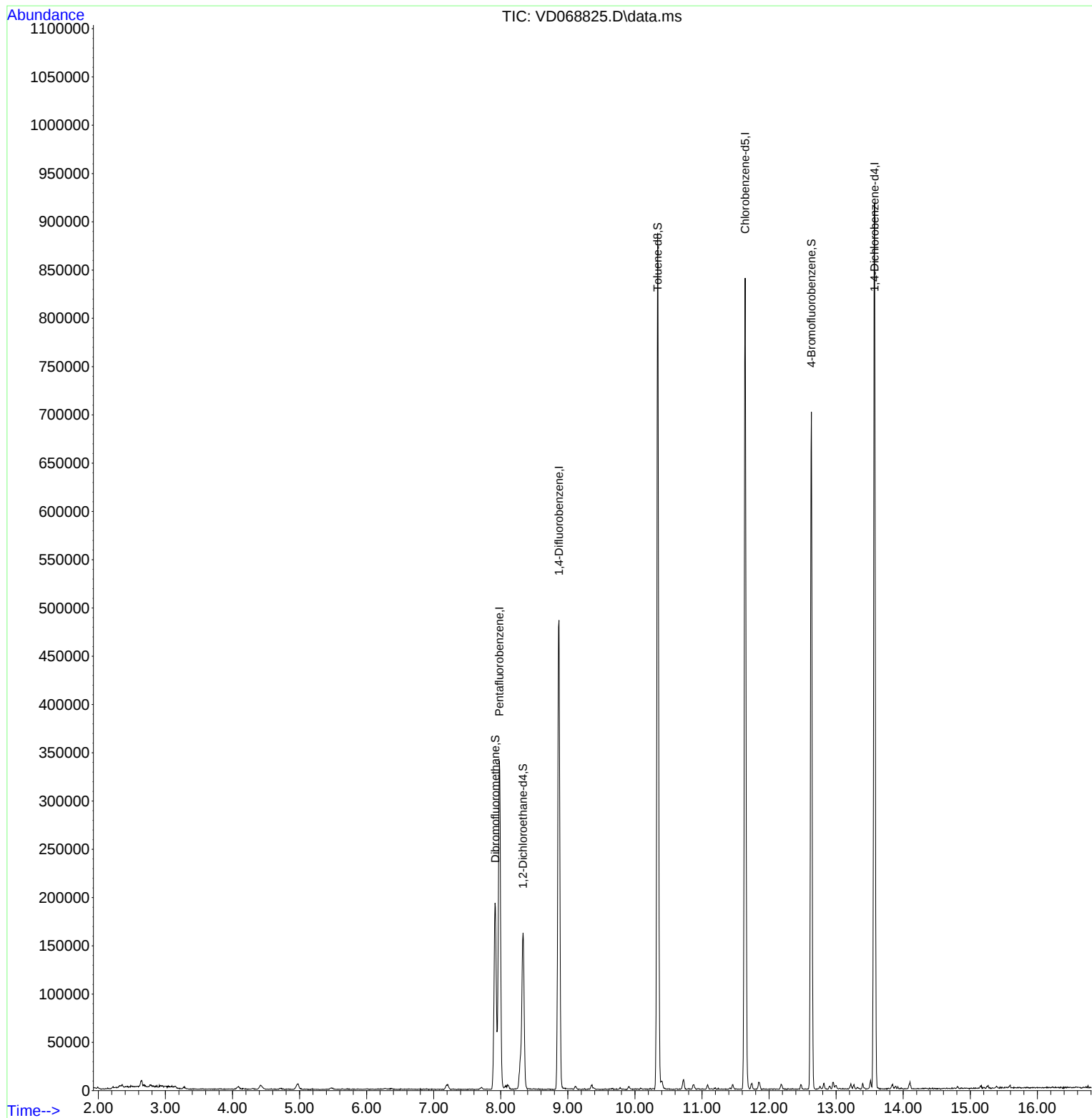
Target Compounds	Qvalue

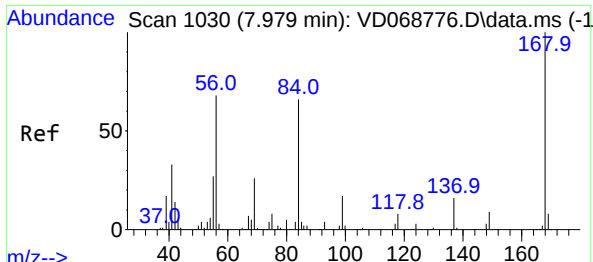
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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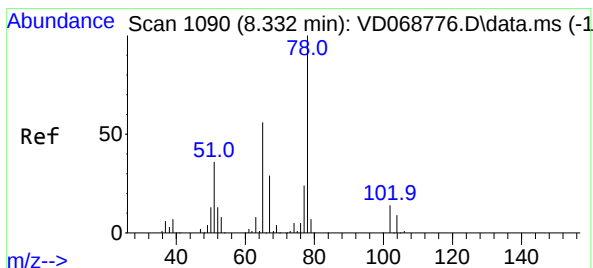
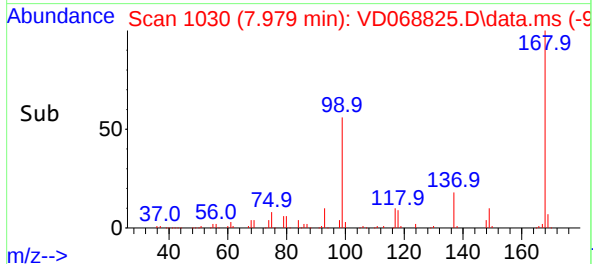
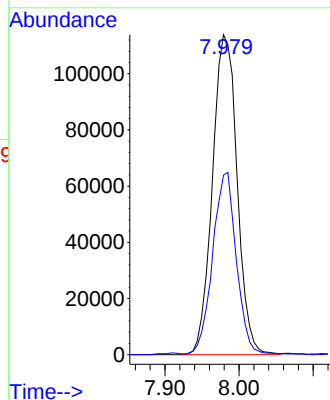
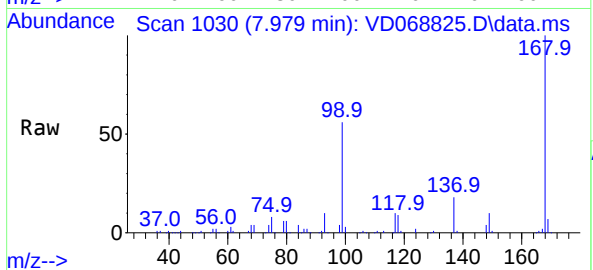




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068825.D
Acq: 12 Apr 2021 11:29

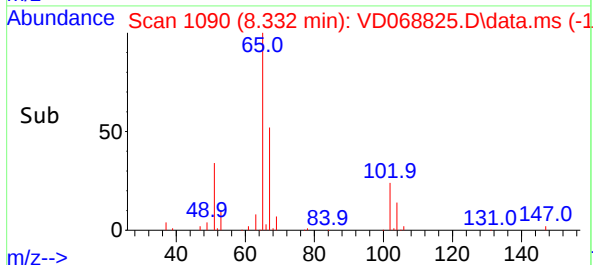
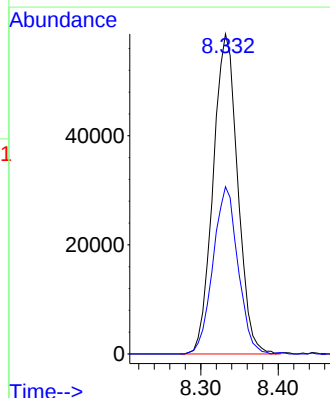
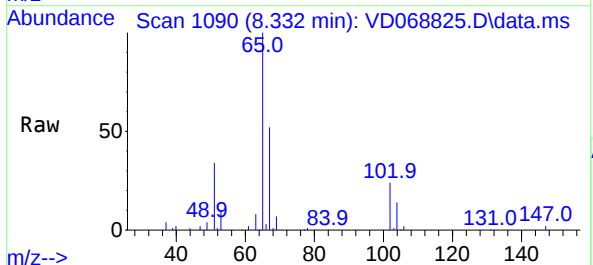
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBL01

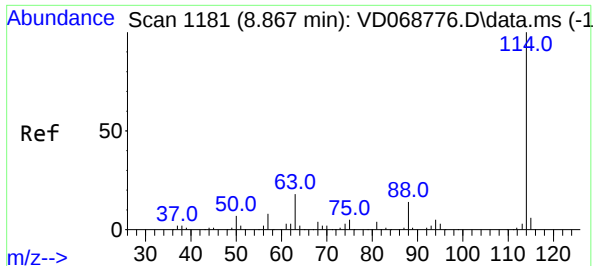
Tgt Ion:168 Resp: 263713
Ion Ratio Lower Upper
168 100
99 55.8 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 46.33 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068825.D
Acq: 12 Apr 2021 11:29

Tgt Ion: 65 Resp: 129133
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.0



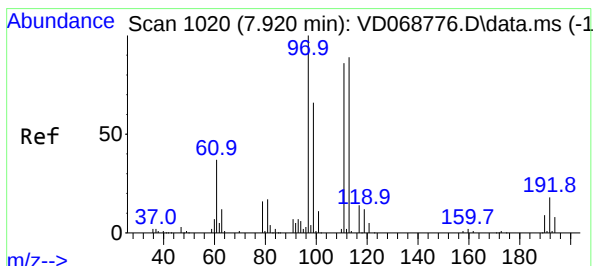
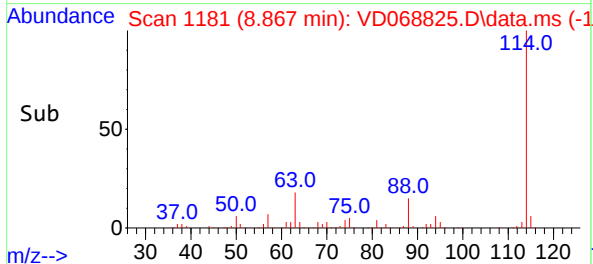
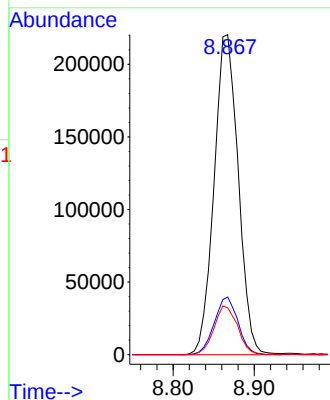
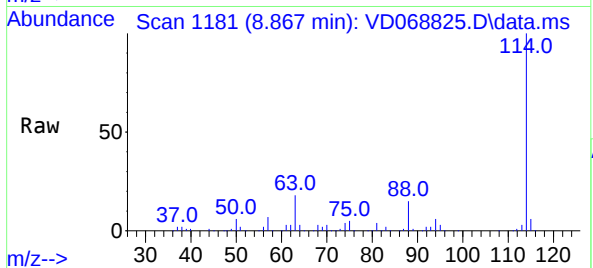


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068825.D
Acq: 12 Apr 2021 11:29

Instrument :
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VD0412SBL01

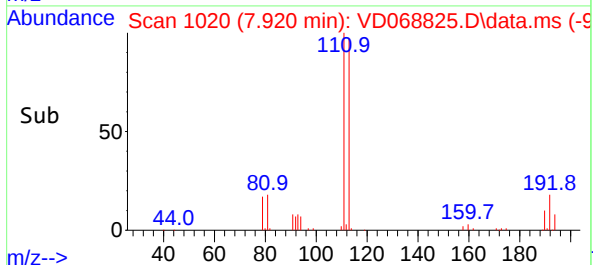
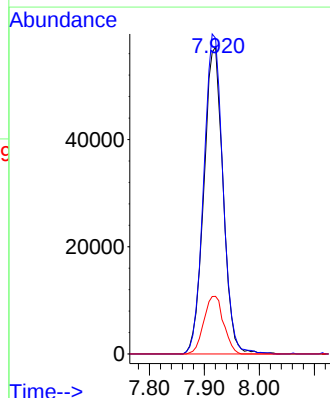
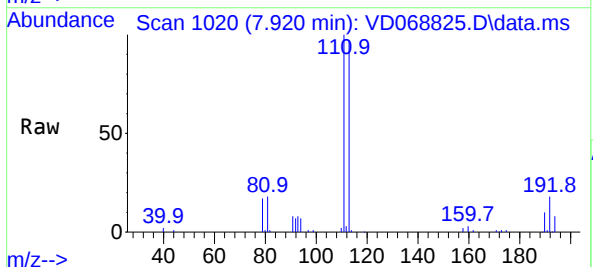
Tgt Ion:114 Resp: 456560
Ion Ratio Lower Upper
114 100
63 18.0 0.0 38.2
88 14.7 0.0 29.4

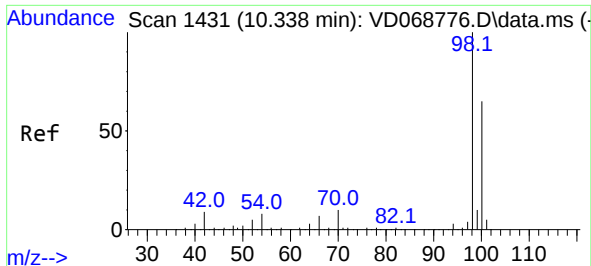


#35

Dibromofluoromethane
Concen: 46.78 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068825.D
Acq: 12 Apr 2021 11:29

Tgt Ion:113 Resp: 138912
Ion Ratio Lower Upper
113 100
111 104.1 82.5 123.7
192 19.3 15.1 22.7

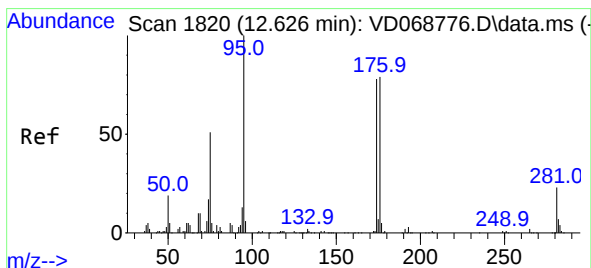
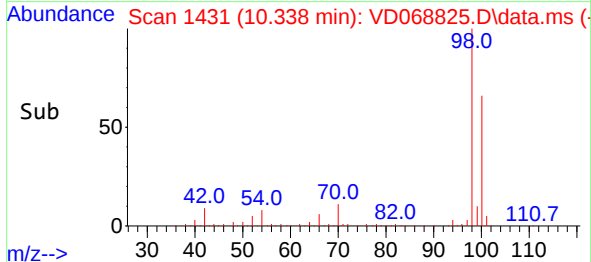
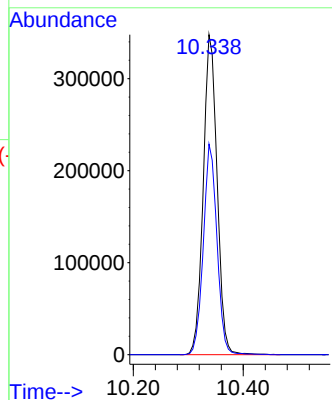
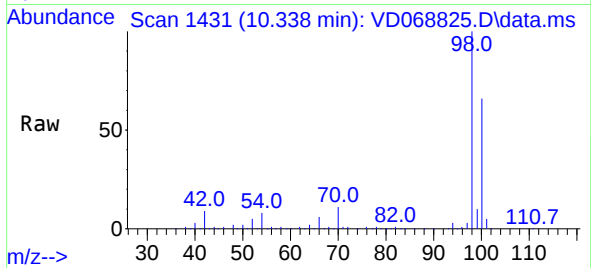




#50
Toluene-d8
Concen: 54.37 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068825.D
Acq: 12 Apr 2021 11:29

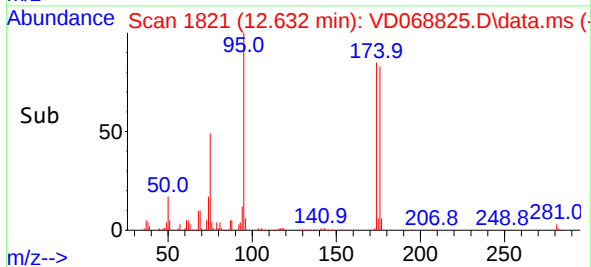
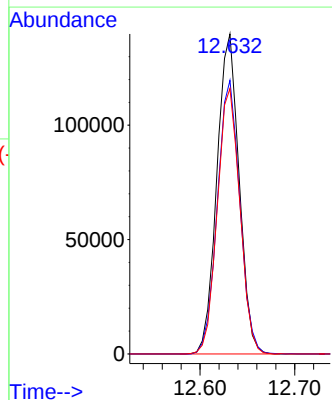
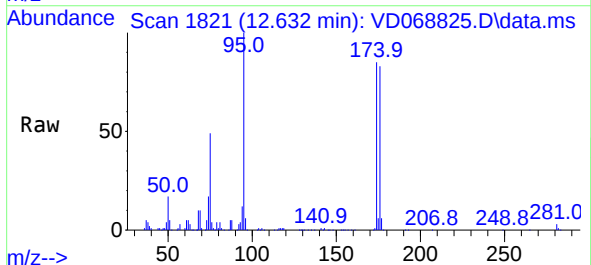
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBL01

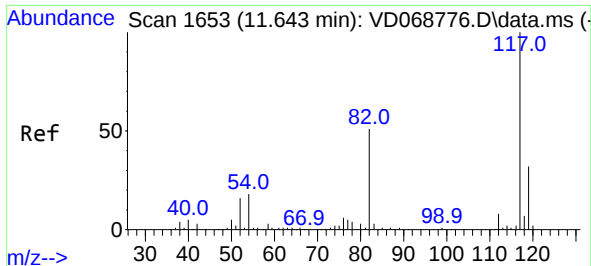
Tgt Ion: 98 Resp: 609102
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 61.24 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068825.D
Acq: 12 Apr 2021 11:29

Tgt Ion: 95 Resp: 227866
Ion Ratio Lower Upper
95 100
174 86.5 0.0 168.0
176 84.0 0.0 160.2



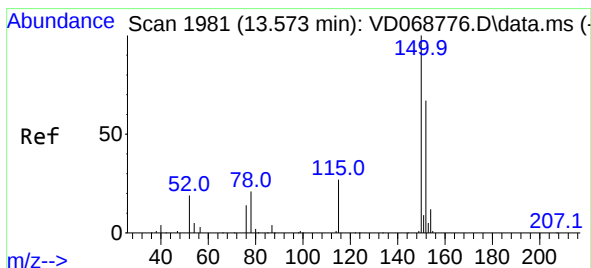
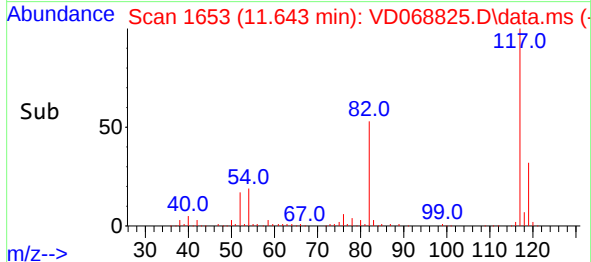
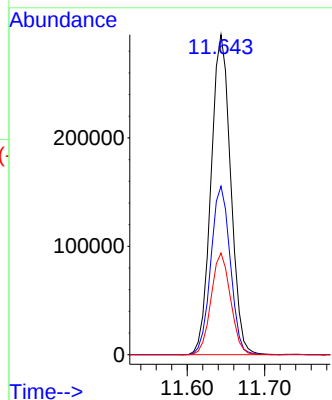
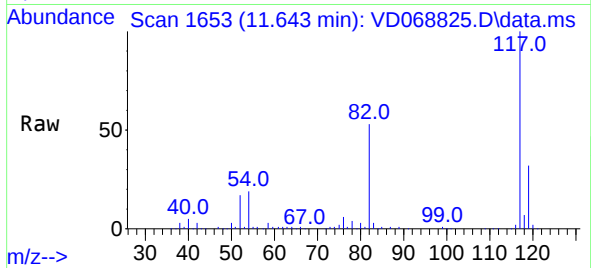


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068825.D
Acq: 12 Apr 2021 11:29

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBL01

Tgt Ion:117 Resp: 520230

Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.5	65.3
119	31.7	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068825.D
Acq: 12 Apr 2021 11:29

Tgt Ion:152 Resp: 255472

Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.3	87.8
150	160.0	0.0	347.6

