

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
 Data File : VD068852.D
 Acq On : 15 Apr 2021 13:21
 Operator : VA/SY
 Sample : M2042-01
 Misc : 5.34G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-SB12A(7-8)

Quant Time: Apr 16 01:06:52 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	7.985	168	189321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	326142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	358811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	191330	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	88951	44.46	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.92%
35) Dibromofluoromethane	7.920	113	106675	50.29	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.58%
50) Toluene-d8	10.338	98	413072	51.62	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.24%
62) 4-Bromofluorobenzene	12.632	95	174283	65.57	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	131.14%

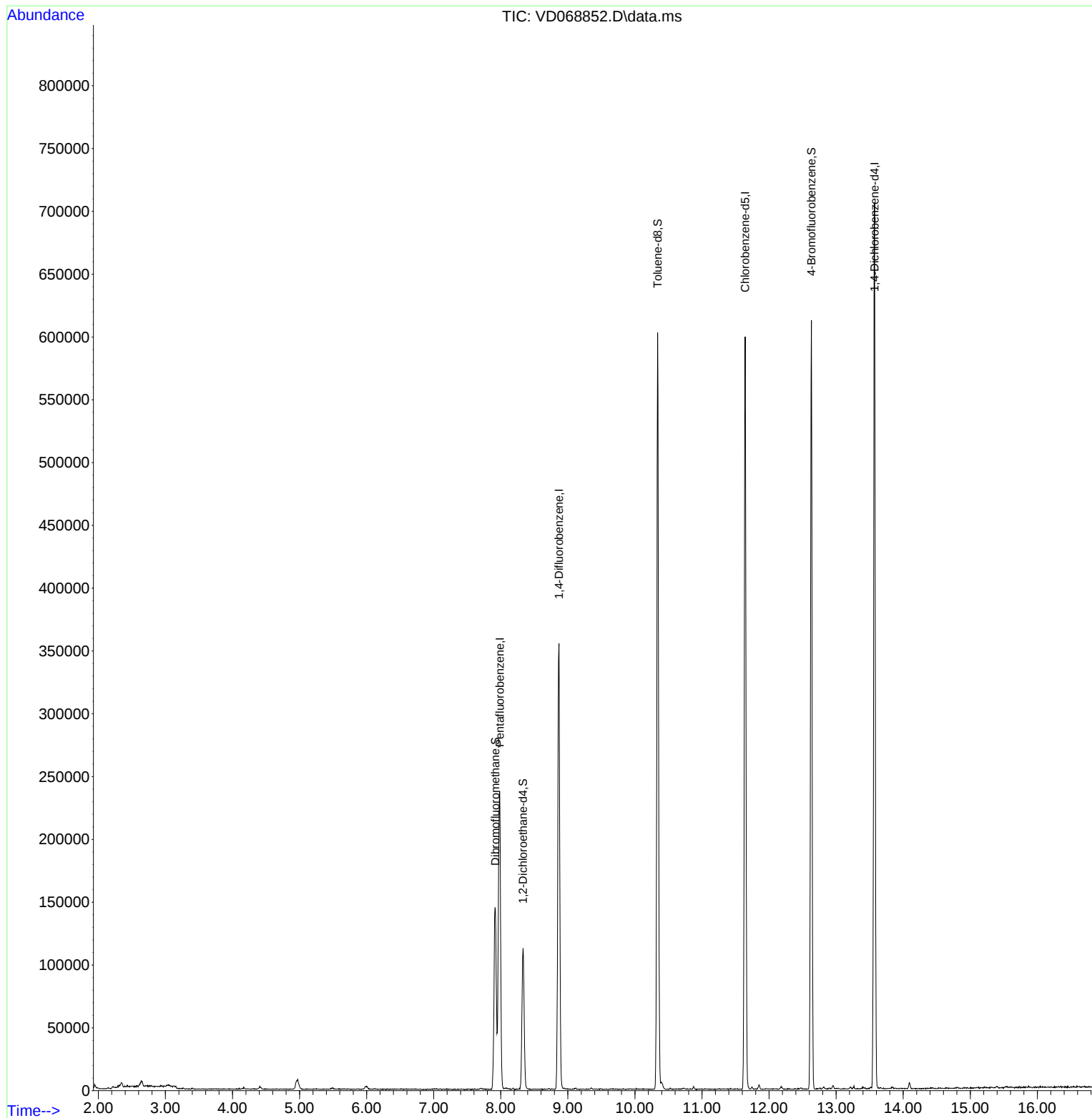
Target Compounds	Qvalue

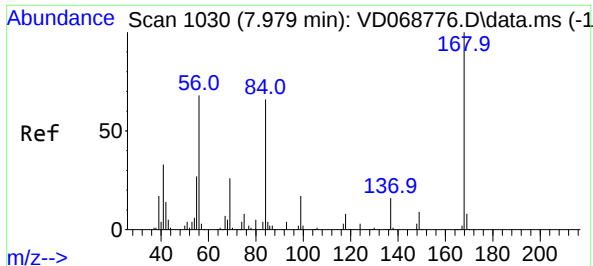
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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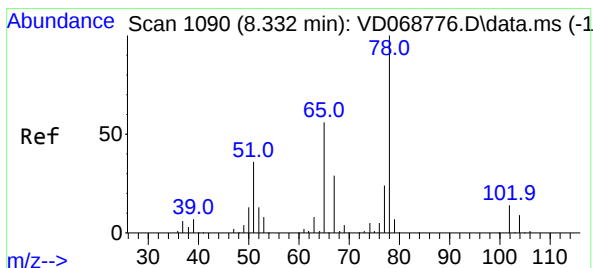
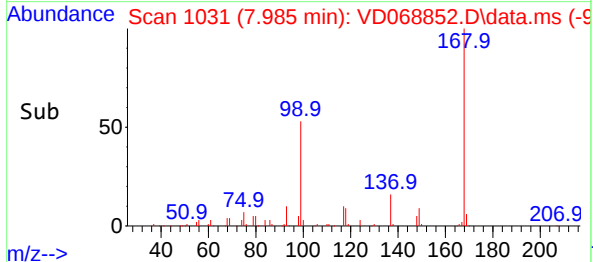
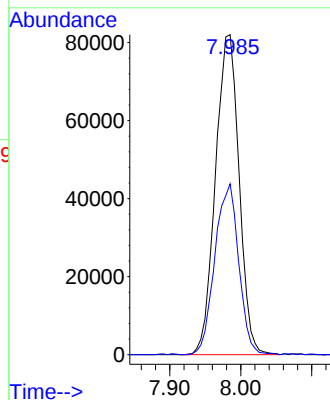
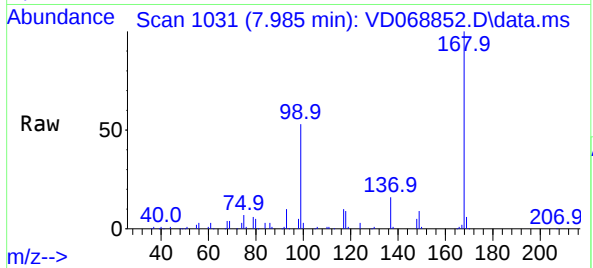




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.985 min Scan# 1031
 Delta R.T. 0.006 min
 Lab File: VD068852.D
 Acq: 15 Apr 2021 13:21

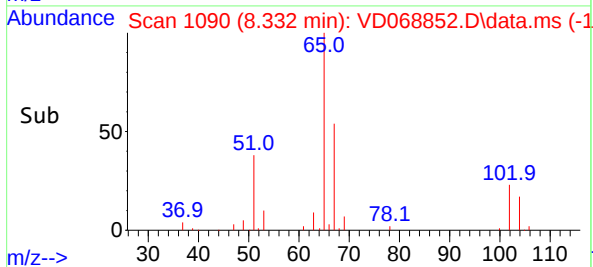
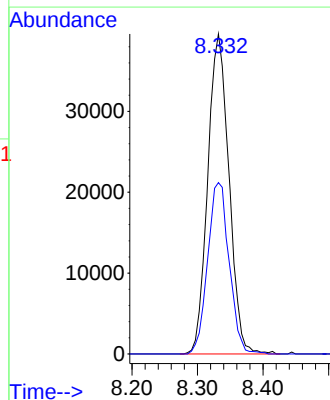
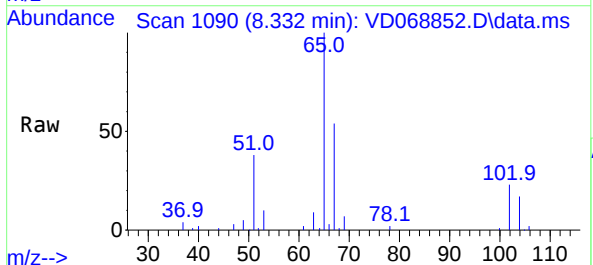
Instrument :
 MSVOA_D
 ClientSampled :
 FS-SB12A(7-8)

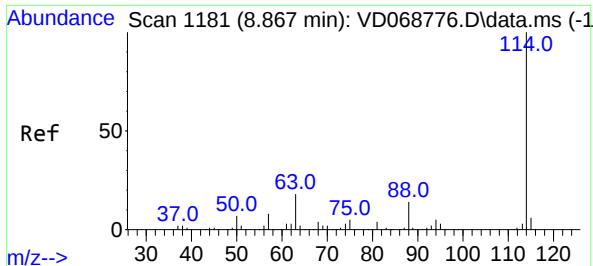
Tgt Ion:168 Resp: 189321
 Ion Ratio Lower Upper
 168 100
 99 53.4 46.2 69.2



1,2-Dichloroethane-d4
 Concen: 44.46 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VD068852.D
 Acq: 15 Apr 2021 13:21

Tgt Ion: 65 Resp: 88951
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 106.0



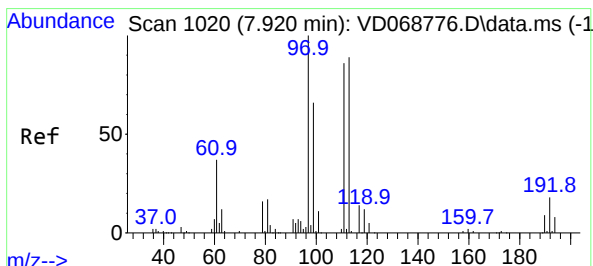
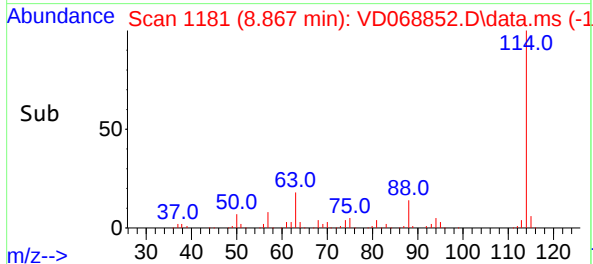
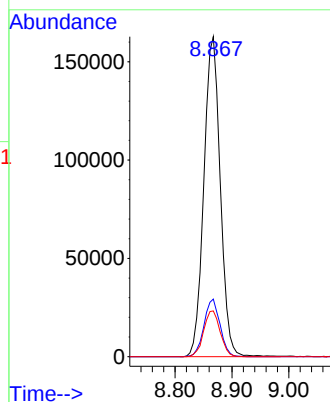
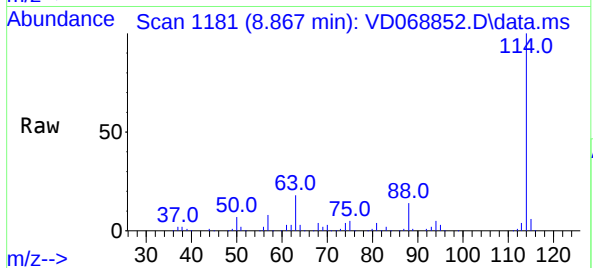


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068852.D
Acq: 15 Apr 2021 13:21

Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(7-8)

Tgt Ion:114 Resp: 326142

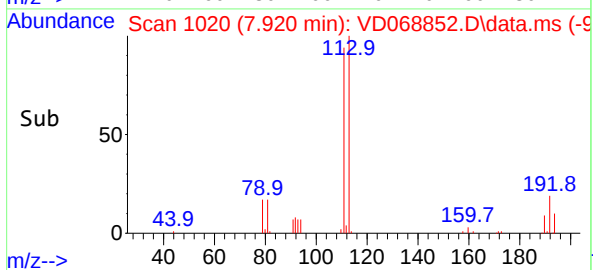
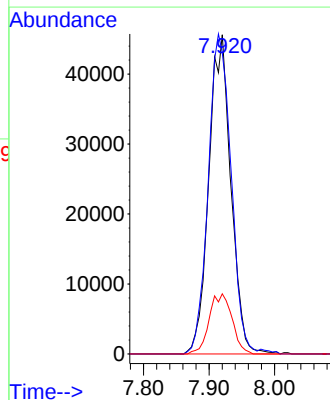
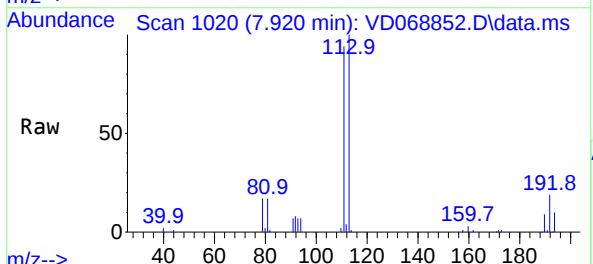
Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	38.2
88	14.3	0.0	29.4

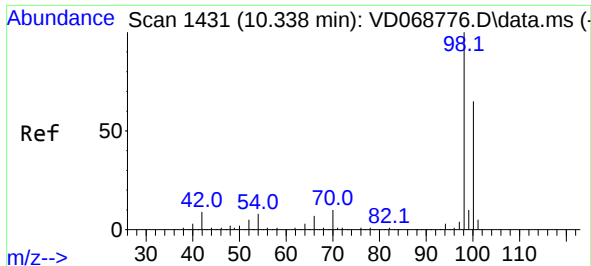


#35
Dibromofluoromethane
Concen: 50.29 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068852.D
Acq: 15 Apr 2021 13:21

Tgt Ion:113 Resp: 106675

Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.5	123.7
192	19.5	15.1	22.7

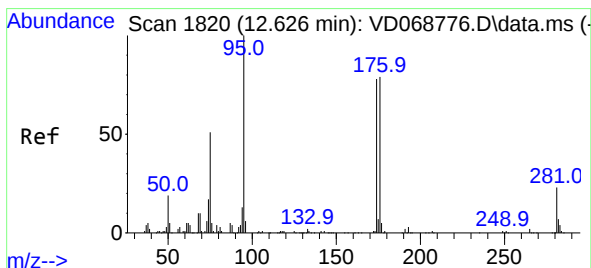
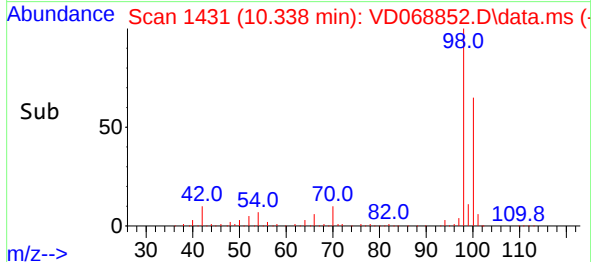
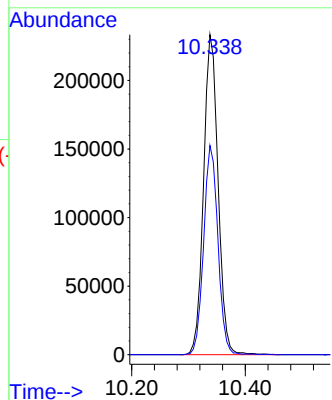
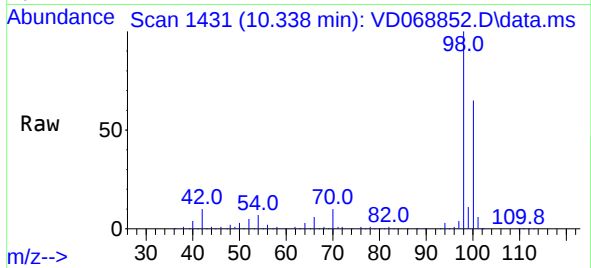




#50
Toluene-d8
Concen: 51.62 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068852.D
Acq: 15 Apr 2021 13:21

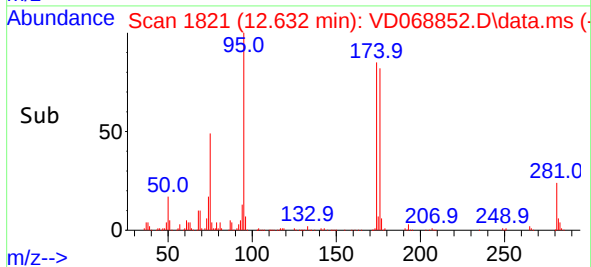
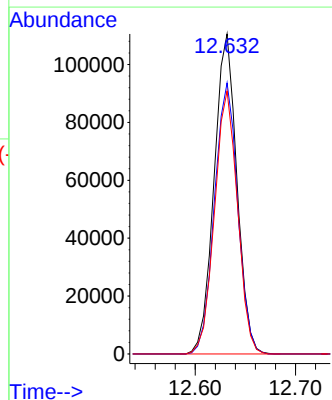
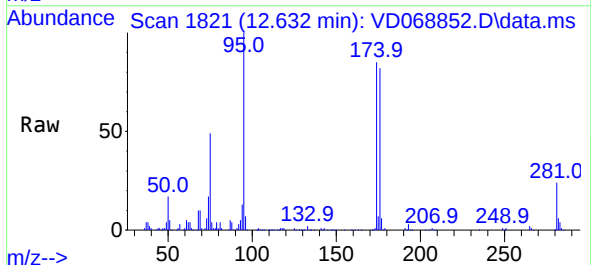
Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(7-8)

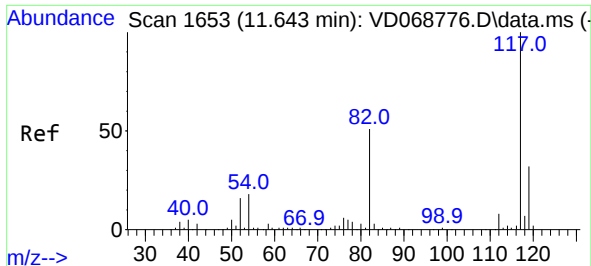
Tgt Ion: 98 Resp: 413072
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 65.57 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068852.D
Acq: 15 Apr 2021 13:21

Tgt Ion: 95 Resp: 174283
Ion Ratio Lower Upper
95 100
174 86.3 0.0 168.0
176 82.5 0.0 160.2

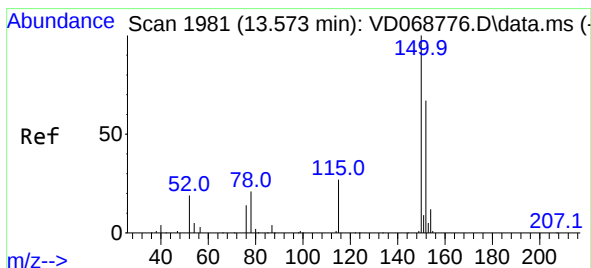
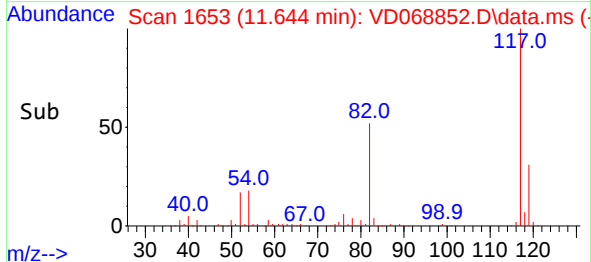
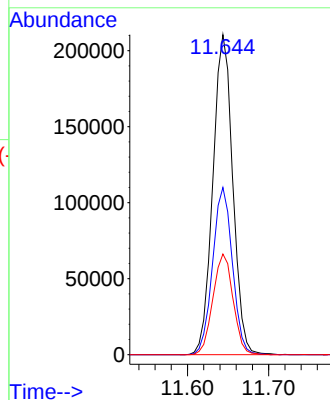
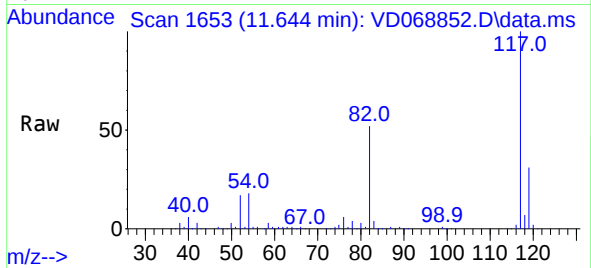




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068852.D
Acq: 15 Apr 2021 13:21

Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(7-8)

Tgt Ion:117 Resp: 358811
Ion Ratio Lower Upper
117 100
82 52.2 43.5 65.3
119 31.5 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: VD068852.D
Acq: 15 Apr 2021 13:21

Tgt Ion:152 Resp: 191330
Ion Ratio Lower Upper
152 100
115 59.5 29.3 87.8
150 160.9 0.0 347.6

