

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042121\
 Data File : VD068927.D
 Acq On : 21 Apr 2021 15:21
 Operator : VA/SY
 Sample : M2106-04
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-23-0-2.0

Quant Time: Apr 22 10:21:03 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	322181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	559883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	644226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	319620	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	144497	42.44	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.88%
35) Dibromofluoromethane	7.914	113	174170	47.83	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.66%
50) Toluene-d8	10.338	98	723042	52.63	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.26%
62) 4-Bromofluorobenzene	12.632	95	279225	61.20	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.40%

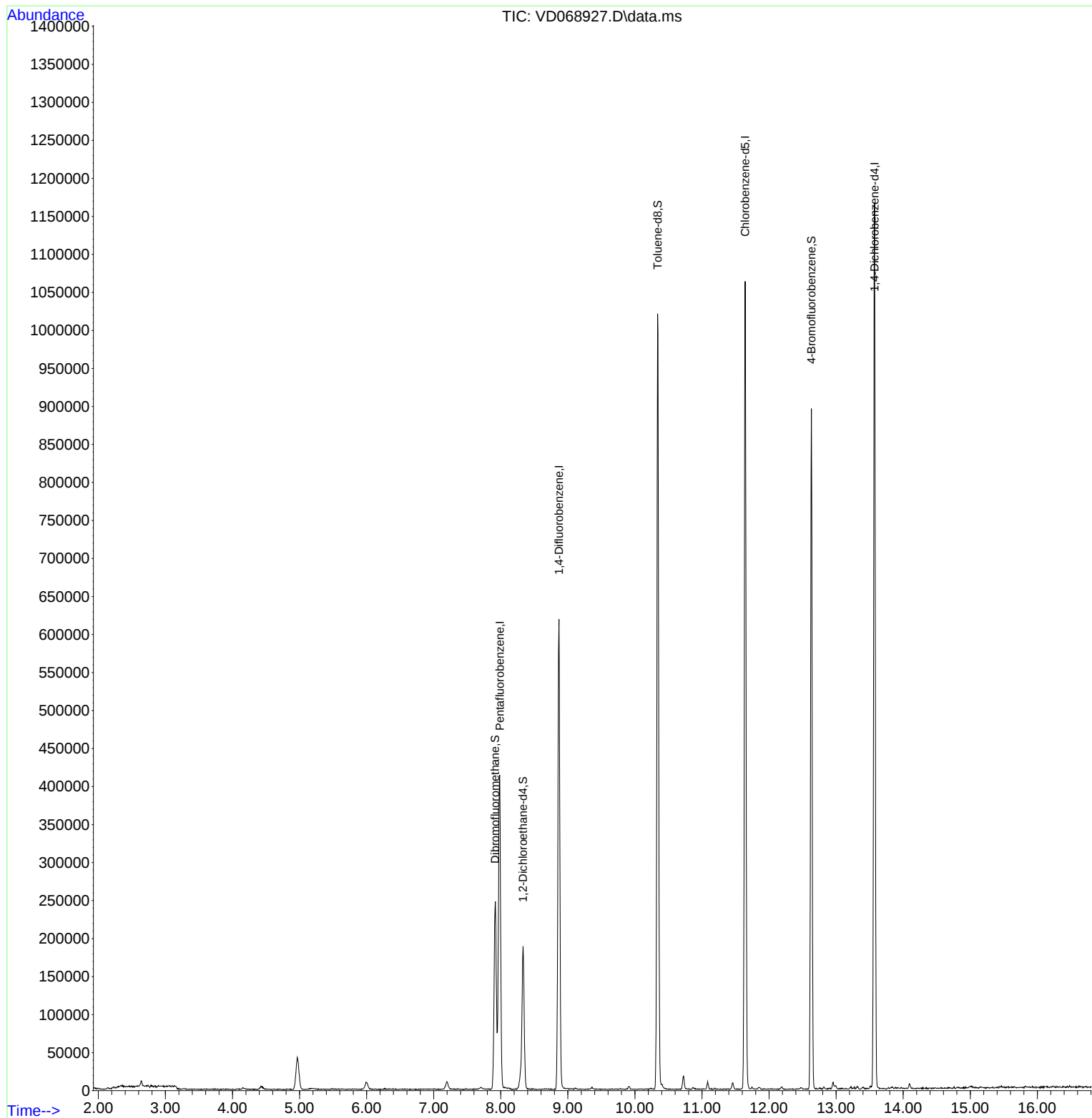
Target Compounds	Qvalue

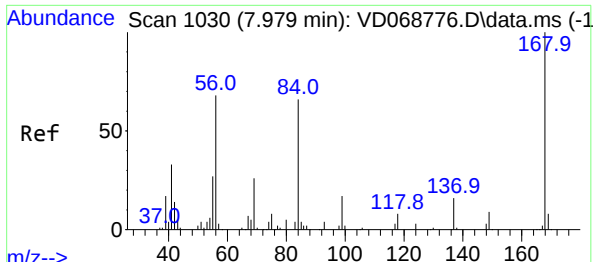
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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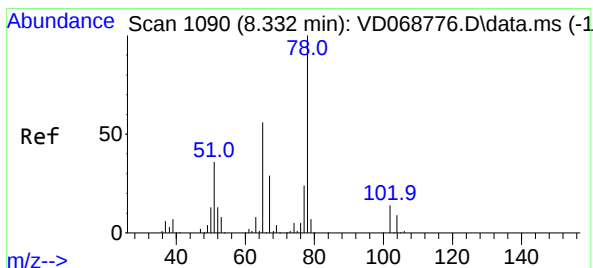
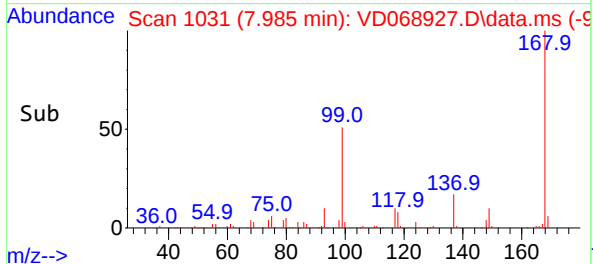
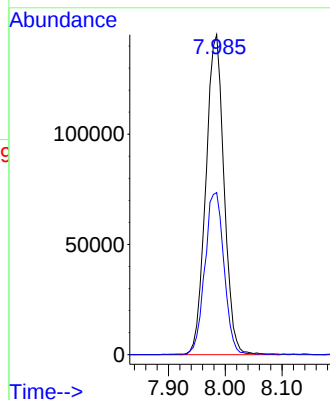
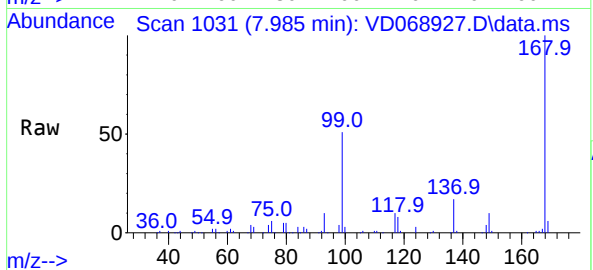




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068927.D
Acq: 21 Apr 2021 15:21

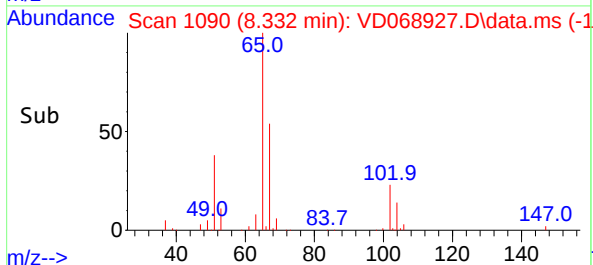
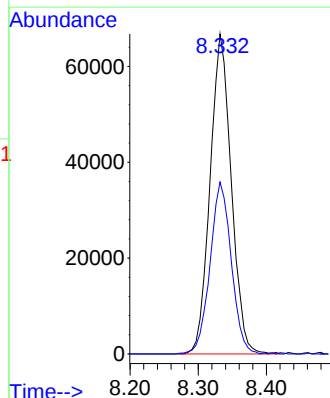
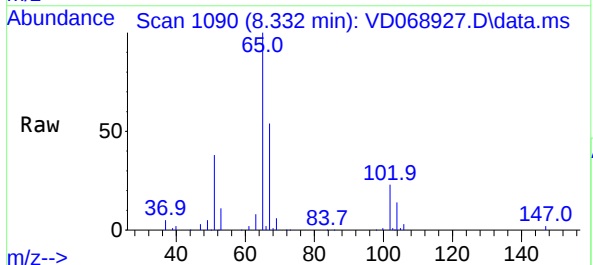
Instrument :
MSVOA_D
ClientSampleId :
SB-23-0-2.0

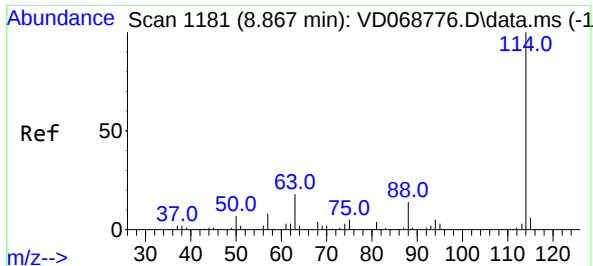
Tgt Ion:168 Resp: 322181
Ion Ratio Lower Upper
168 100
99 50.5 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 42.44 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068927.D
Acq: 21 Apr 2021 15:21

Tgt Ion: 65 Resp: 144497
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.0



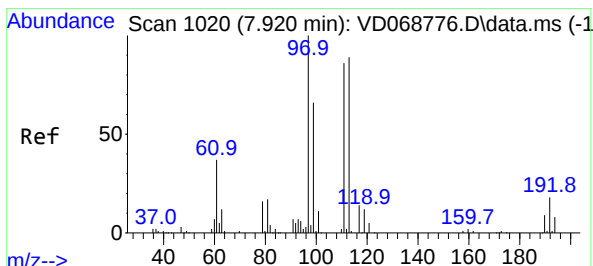
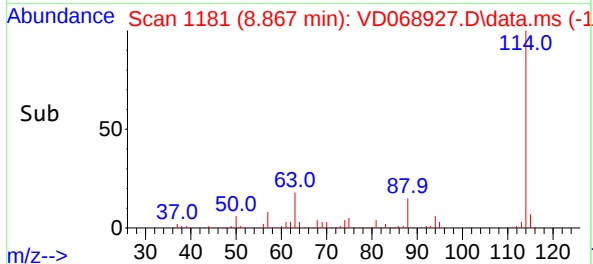
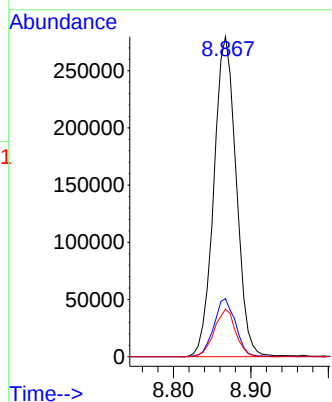
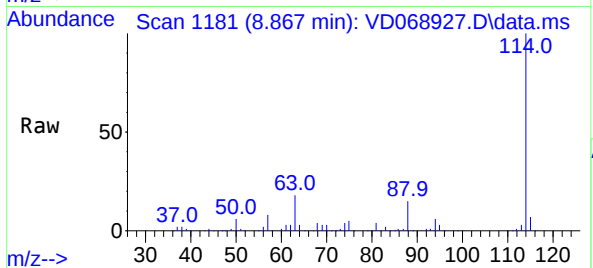


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068927.D
Acq: 21 Apr 2021 15:21

Instrument :
MSVOA_D
ClientSampled :
SB-23-0-2.0

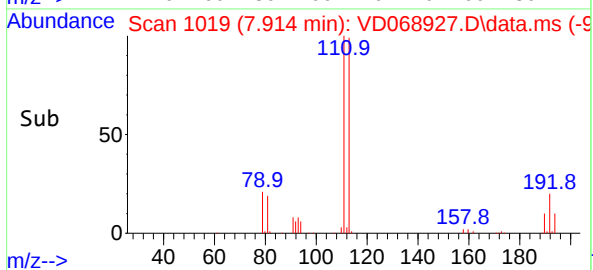
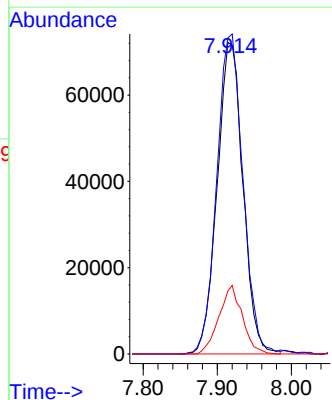
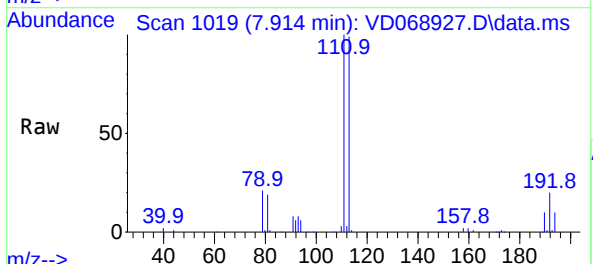
Tgt Ion:114 Resp: 559883
Ion Ratio Lower Upper
114 100
63 18.1 0.0 38.2
88 14.9 0.0 29.4

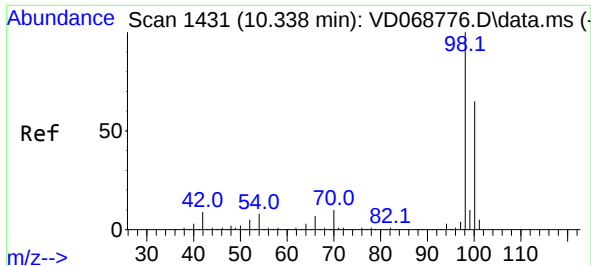


#35

Dibromofluoromethane
Concen: 47.83 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068927.D
Acq: 21 Apr 2021 15:21

Tgt Ion:113 Resp: 174170
Ion Ratio Lower Upper
113 100
111 104.5 82.5 123.7
192 20.0 15.1 22.7

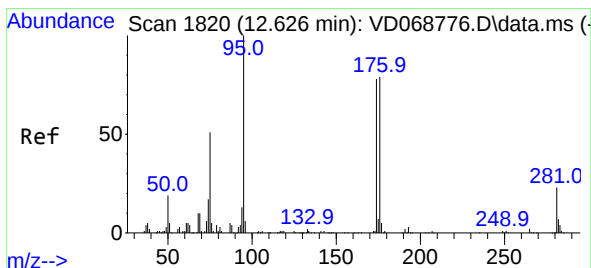
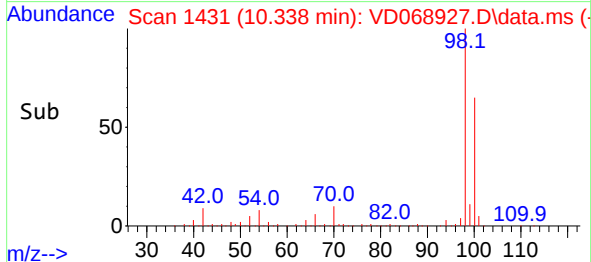
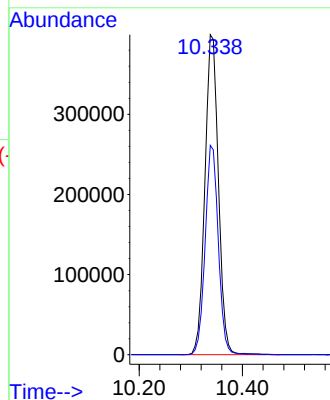
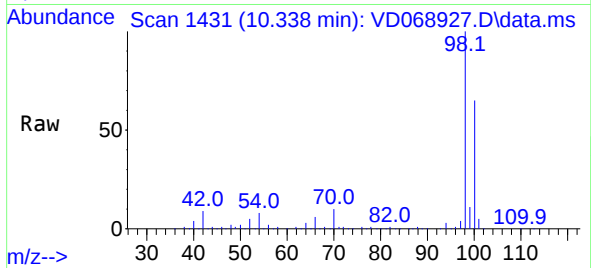




#50
Toluene-d8
Concen: 52.63 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068927.D
Acq: 21 Apr 2021 15:21

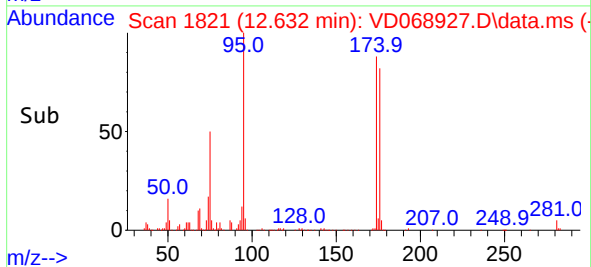
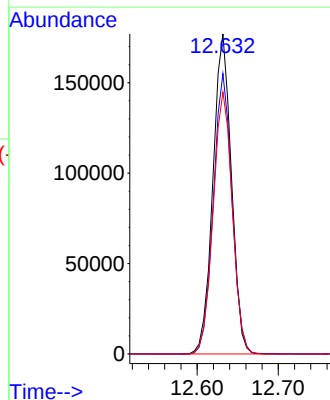
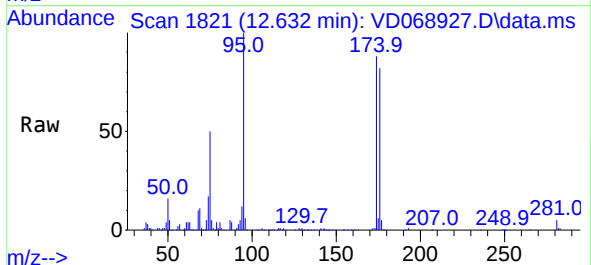
Instrument :
MSVOA_D
ClientSampleId :
SB-23-0-2.0

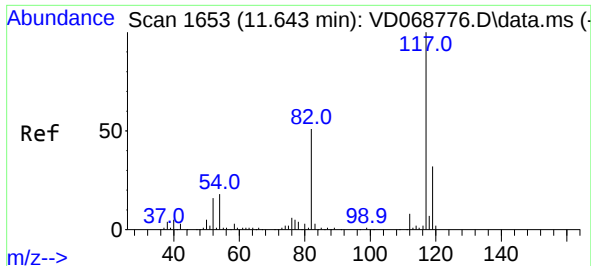
Tgt Ion: 98 Resp: 723042
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 61.20 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068927.D
Acq: 21 Apr 2021 15:21

Tgt Ion: 95 Resp: 279225
Ion Ratio Lower Upper
95 100
174 88.8 0.0 168.0
176 84.8 0.0 160.2



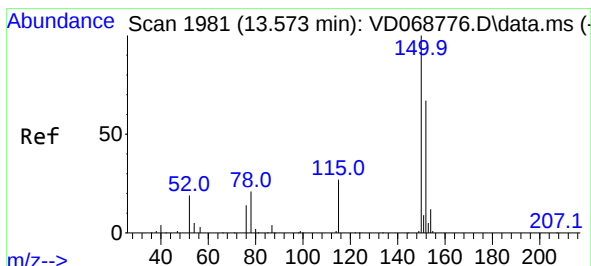
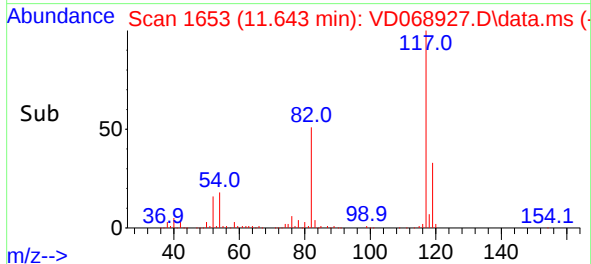
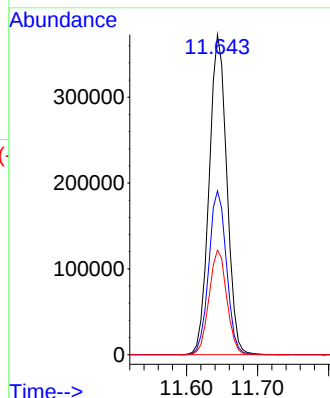
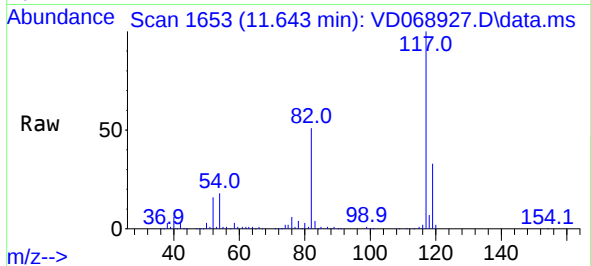


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068927.D
Acq: 21 Apr 2021 15:21

Instrument :
MSVOA_D
ClientSampleId :
SB-23-0-2.0

Tgt Ion:117 Resp: 644226

Ion	Ratio	Lower	Upper
117	100		
82	51.2	43.5	65.3
119	32.7	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: VD068927.D
Acq: 21 Apr 2021 15:21

Tgt Ion:152 Resp: 319620

Ion	Ratio	Lower	Upper
152	100		
115	56.5	29.3	87.8
150	160.3	0.0	347.6

