

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
 Data File : VD068861.D
 Acq On : 15 Apr 2021 17:37
 Operator : VA/SY
 Sample : M2049-13
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-11-0-2.0

Quant Time: Apr 16 01:10:14 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	264023	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	461701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	516772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	262256	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	118066	42.31	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.62%
35) Dibromofluoromethane	7.914	113	145915	48.59	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.18%
50) Toluene-d8	10.338	98	584683	51.61	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.22%
62) 4-Bromofluorobenzene	12.626	95	228414	60.71	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.42%

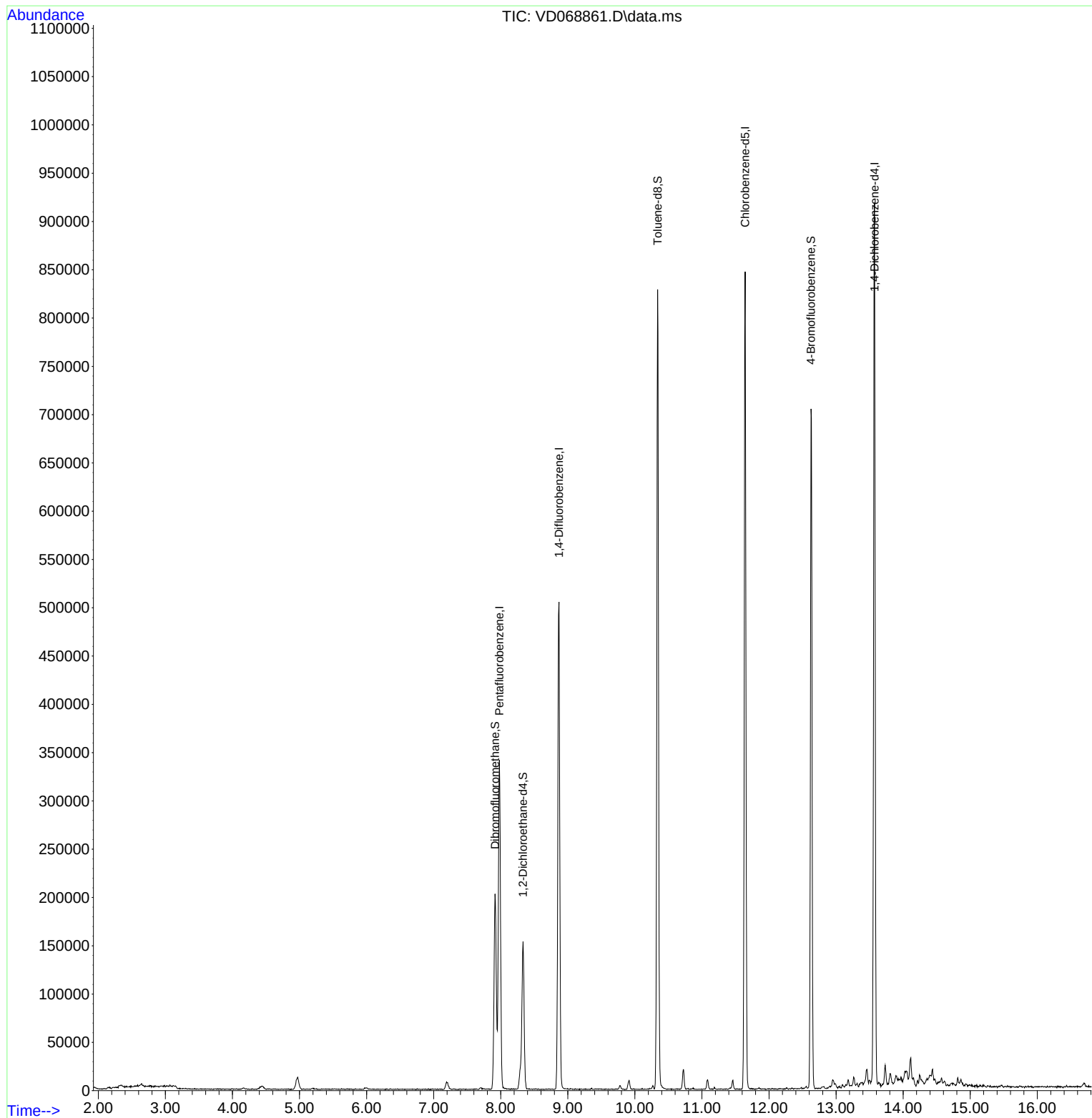
Target Compounds	Qvalue

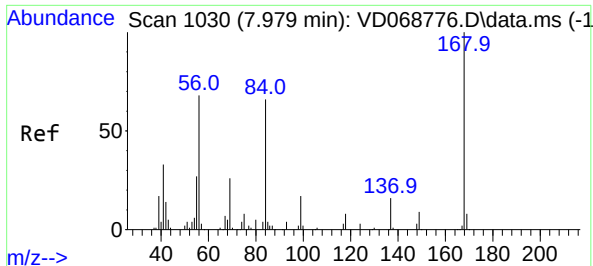
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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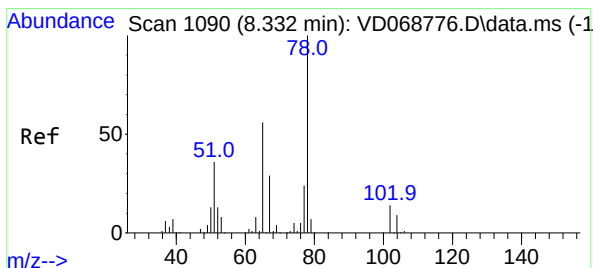
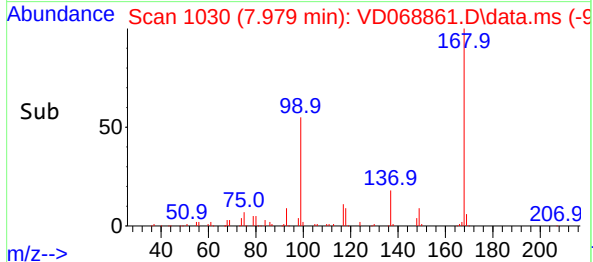
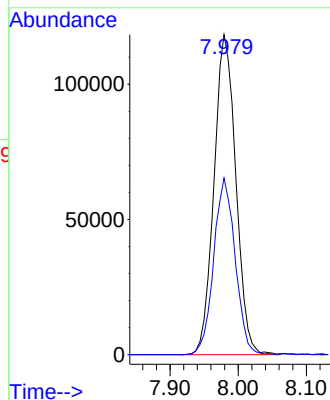
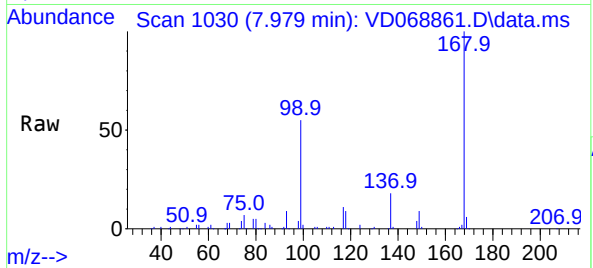




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068861.D
Acq: 15 Apr 2021 17:37

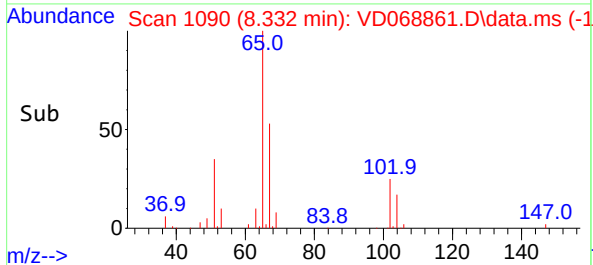
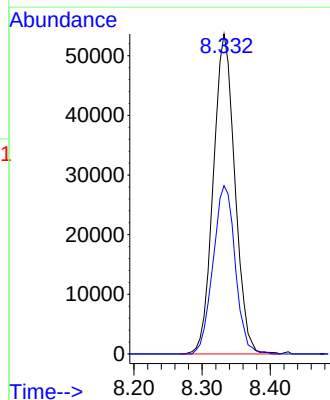
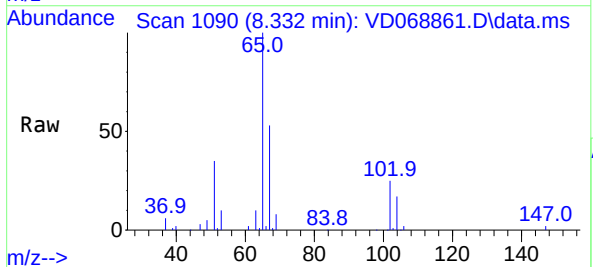
Instrument :
MSVOA_D
ClientSampleId :
SB-11-0-2.0

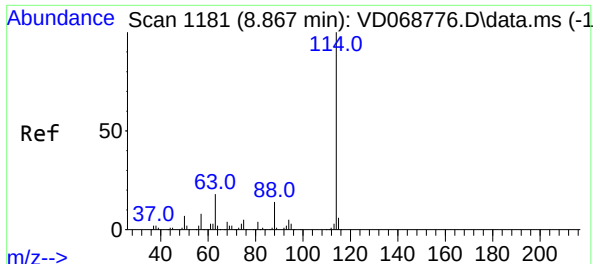
Tgt Ion:168 Resp: 264023
Ion Ratio Lower Upper
168 100
99 55.2 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 42.31 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068861.D
Acq: 15 Apr 2021 17:37

Tgt Ion: 65 Resp: 118066
Ion Ratio Lower Upper
65 100
67 54.1 0.0 106.0



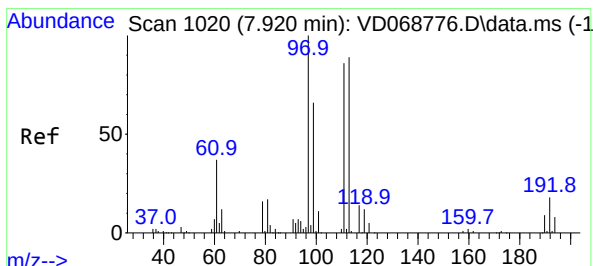
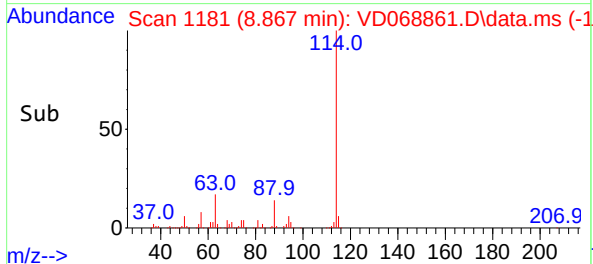
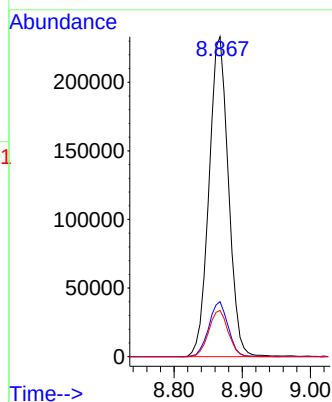
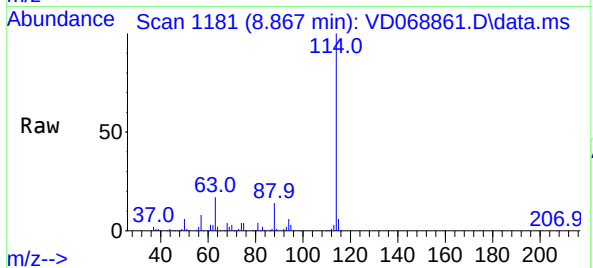


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068861.D
Acq: 15 Apr 2021 17:37

Instrument :
MSVOA_D
ClientSampleId :
SB-11-0-2.0

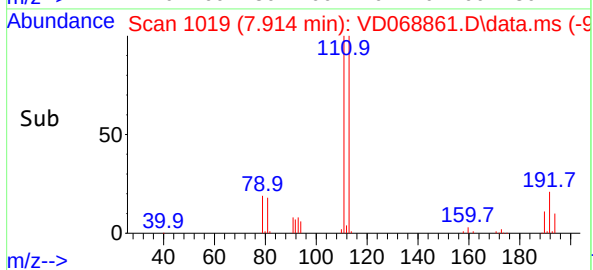
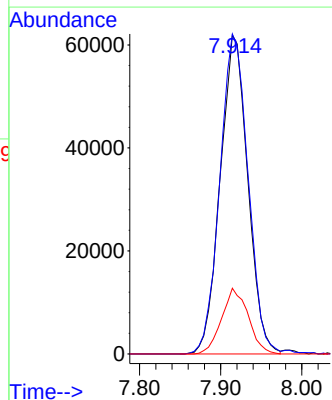
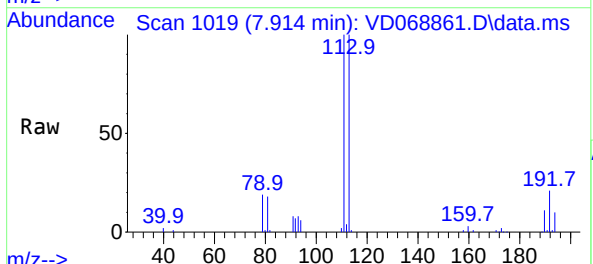
Tgt Ion:	114	Resp:	461701
Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	38.2
88	14.5	0.0	29.4

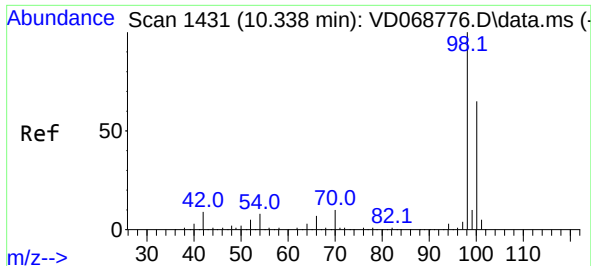


#35

Dibromofluoromethane
Concen: 48.59 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068861.D
Acq: 15 Apr 2021 17:37

Tgt Ion:	113	Resp:	145915
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.5	123.7
192	19.9	15.1	22.7

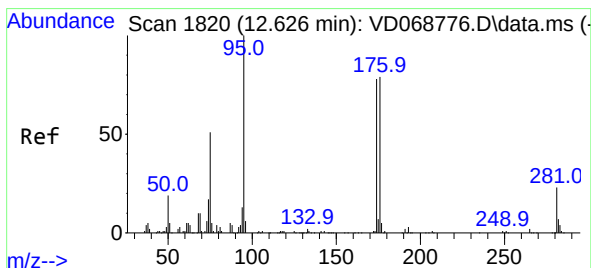
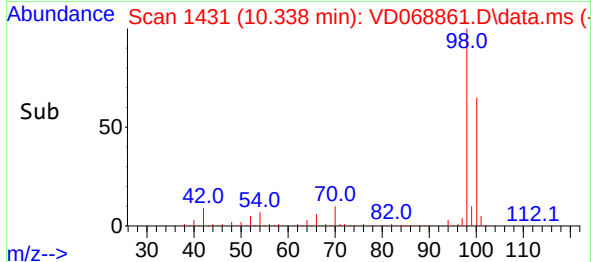
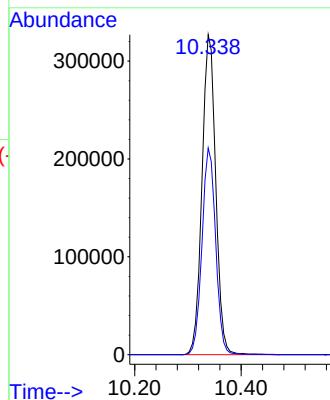
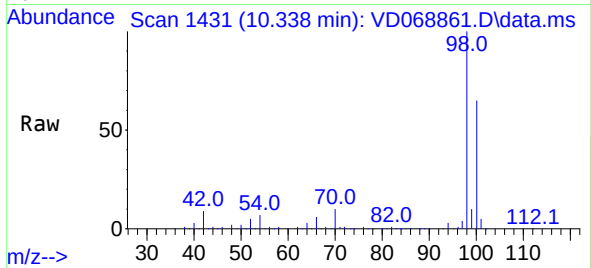




#50
Toluene-d8
Concen: 51.61 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068861.D
Acq: 15 Apr 2021 17:37

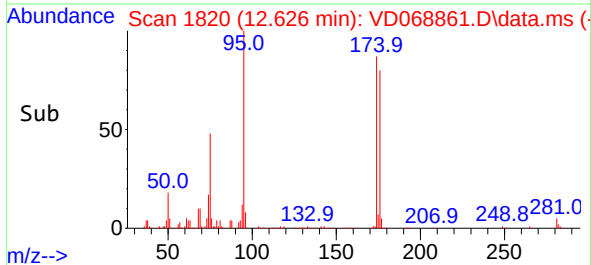
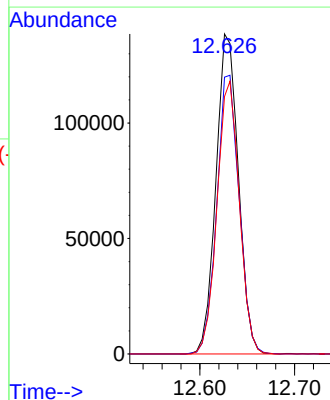
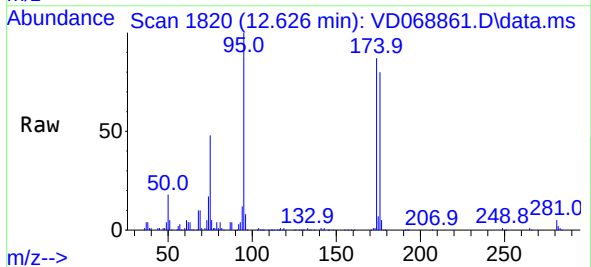
Instrument :
MSVOA_D
ClientSampleId :
SB-11-0-2.0

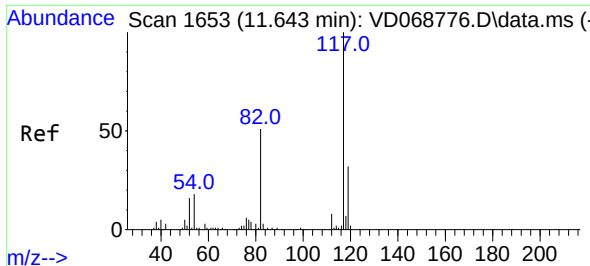
Tgt Ion: 98 Resp: 584683
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 60.71 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD068861.D
Acq: 15 Apr 2021 17:37

Tgt Ion: 95 Resp: 228414
Ion Ratio Lower Upper
95 100
174 86.9 0.0 168.0
176 84.6 0.0 160.2

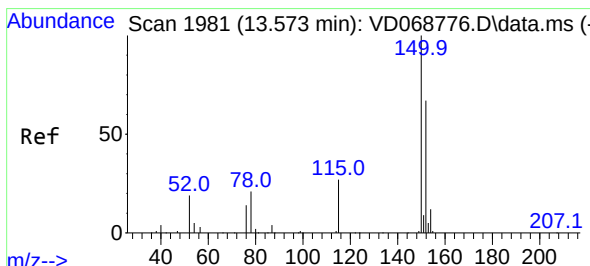
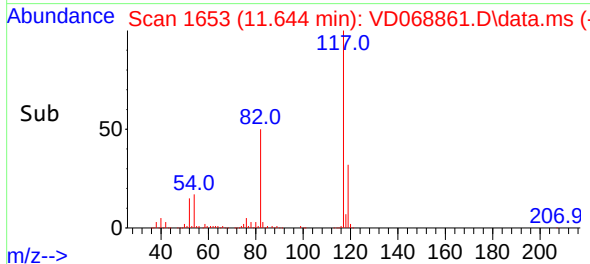
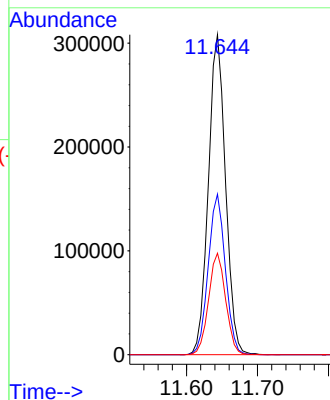
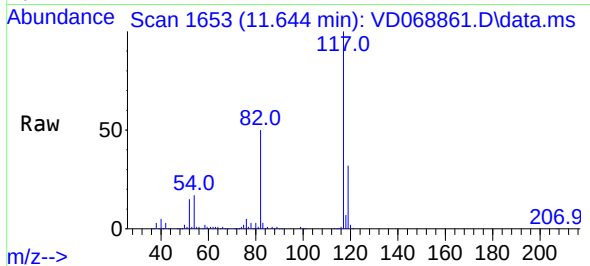




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068861.D
Acq: 15 Apr 2021 17:37

Instrument :
MSVOA_D
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SB-11-0-2.0

Tgt Ion:	117	Resp:	516772
Ion	Ratio	Lower	Upper
117	100		
82	50.2	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: VD068861.D
Acq: 15 Apr 2021 17:37

Tgt Ion:	152	Resp:	262256
Ion	Ratio	Lower	Upper
152	100		
115	57.1	29.3	87.8
150	156.2	0.0	347.6

