

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081621\
 Data File : VD070062.D
 Acq On : 16 Aug 2021 11:55
 Operator : VA/SY
 Sample : VD0816SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0816SBL01

Quant Time: Aug 17 03:55:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	469241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	928904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	864659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	352568	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	319556	57.901	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.800%
35) Dibromofluoromethane	7.908	113	312649	52.097	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.200%
50) Toluene-d8	10.338	98	1158872	49.648	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.626	95	352395	45.836	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.680%

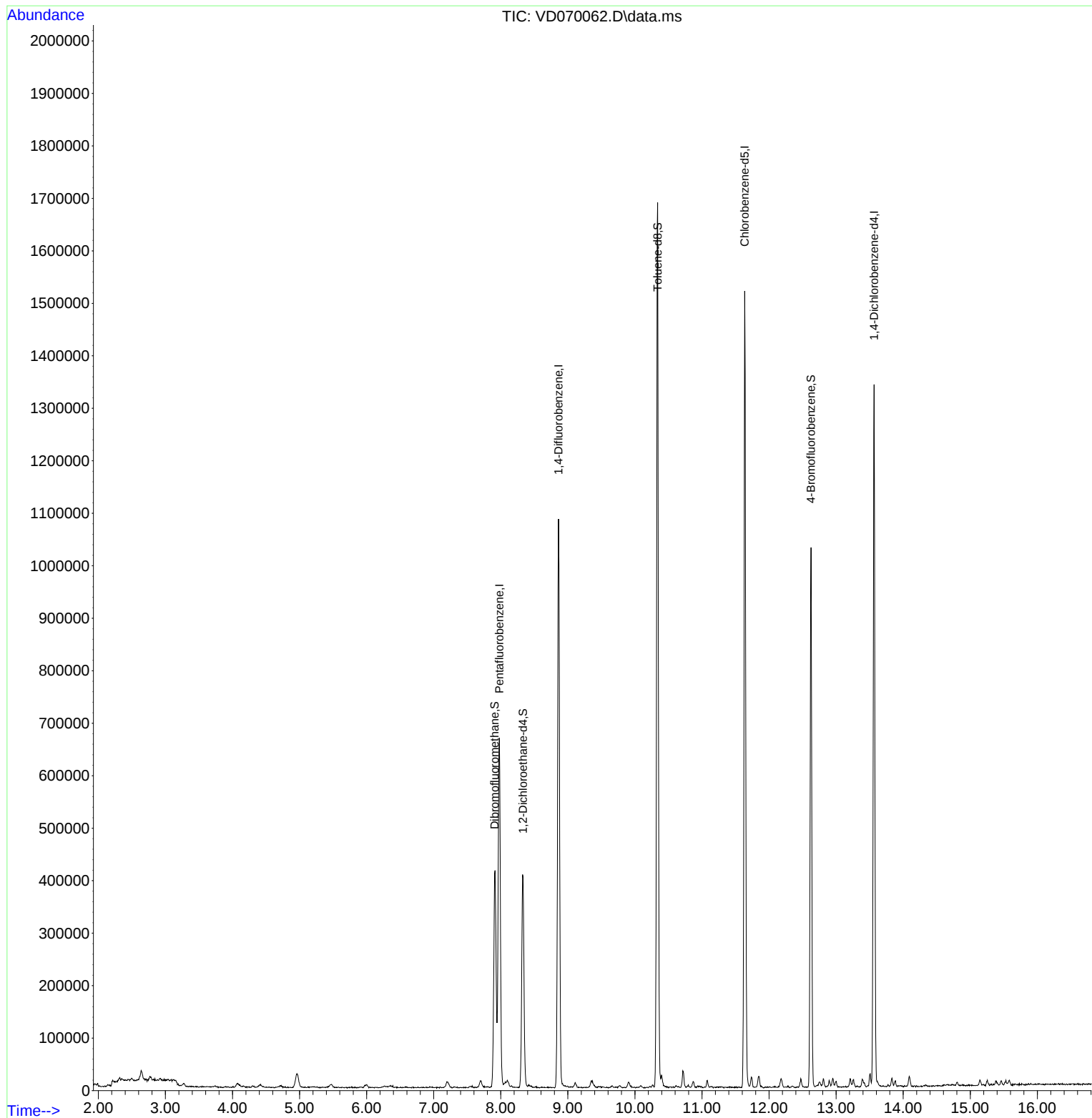
Target Compounds	Qvalue

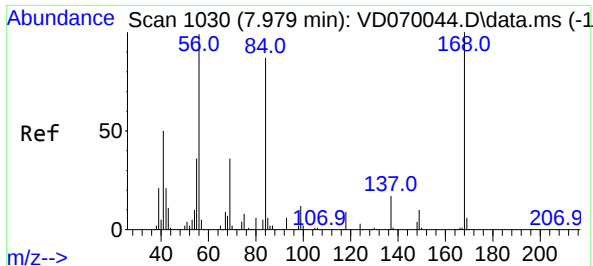
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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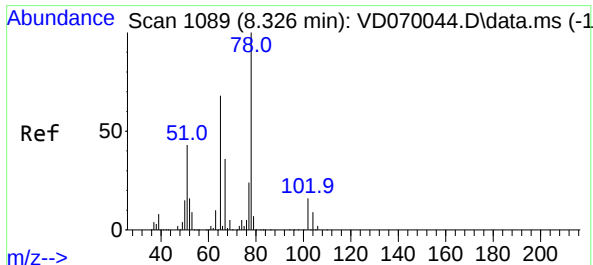
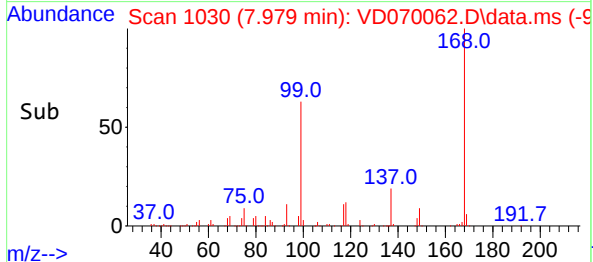
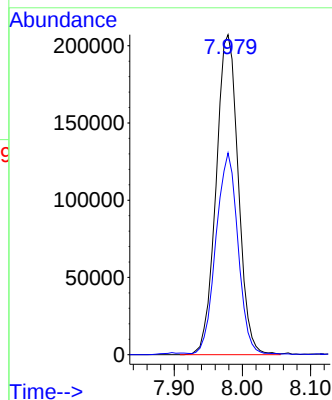
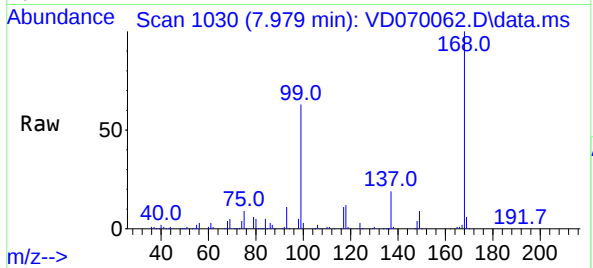




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070062.D
Acq: 16 Aug 2021 11:55

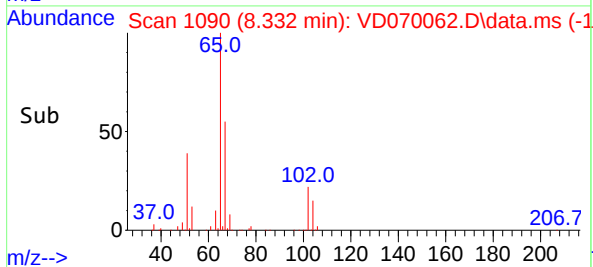
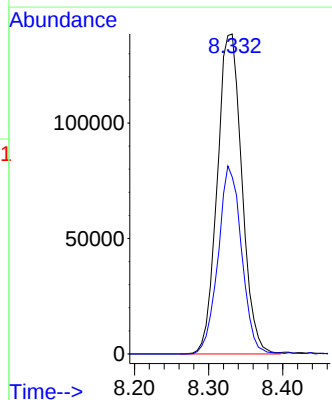
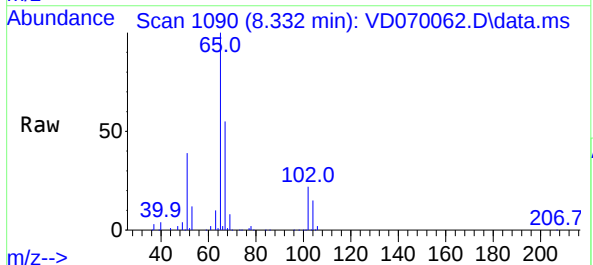
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBL01

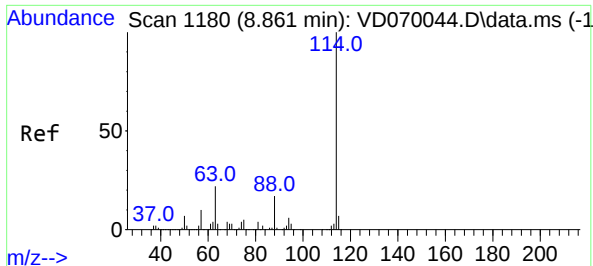
Tgt Ion:168 Resp: 469241
Ion Ratio Lower Upper
168 100
99 62.8 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 57.901 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070062.D
Acq: 16 Aug 2021 11:55

Tgt Ion: 65 Resp: 319556
Ion Ratio Lower Upper
65 100
67 56.0 0.0 107.8



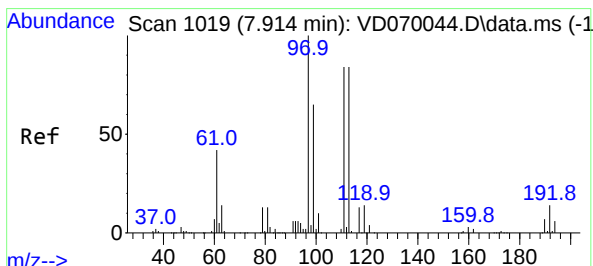
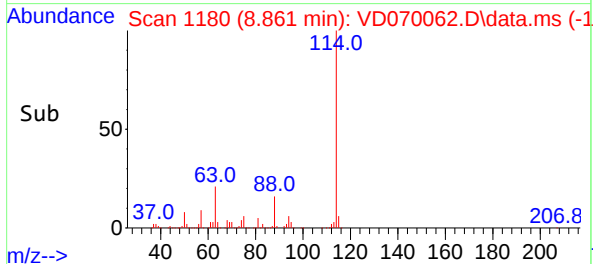
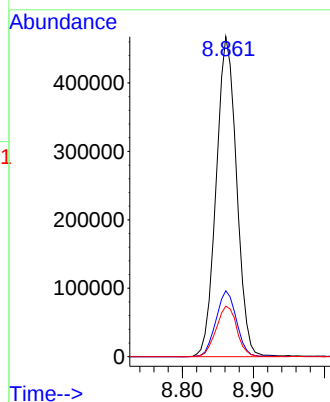
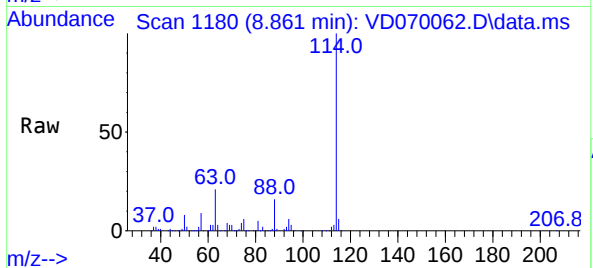


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070062.D
Acq: 16 Aug 2021 11:55

Instrument :
MSVOA_D
ClientSampleId :
VD0816SBL01

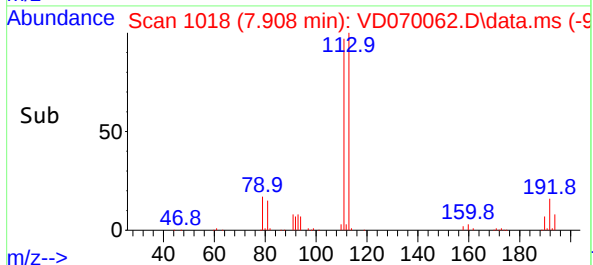
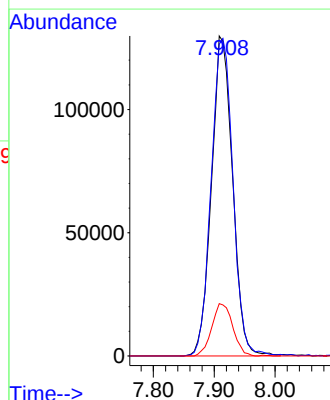
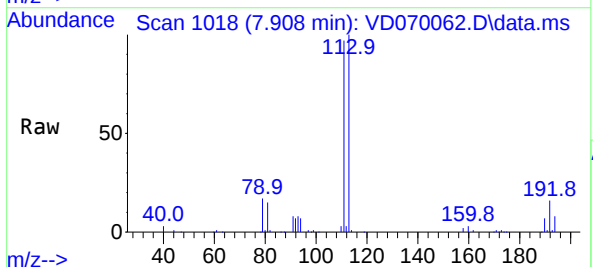
Tgt Ion:114 Resp: 928904
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.6
88 15.8 0.0 33.4

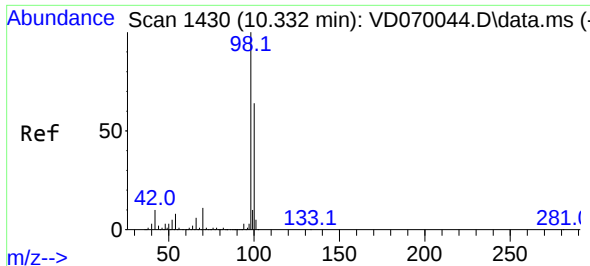


#35

Dibromofluoromethane
Concen: 52.097 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070062.D
Acq: 16 Aug 2021 11:55

Tgt Ion:113 Resp: 312649
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.6
192 16.2 13.2 19.8

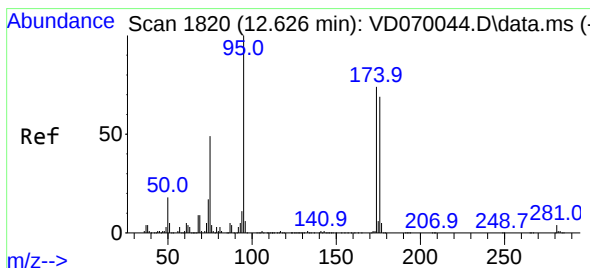
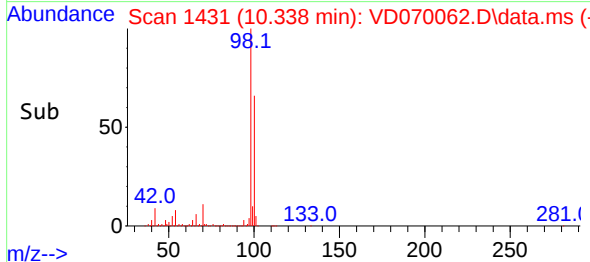
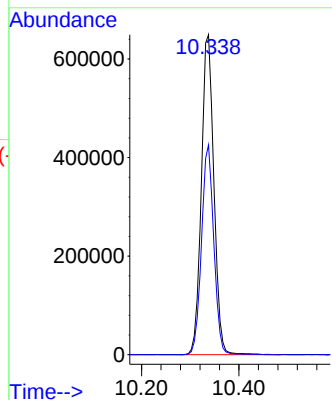
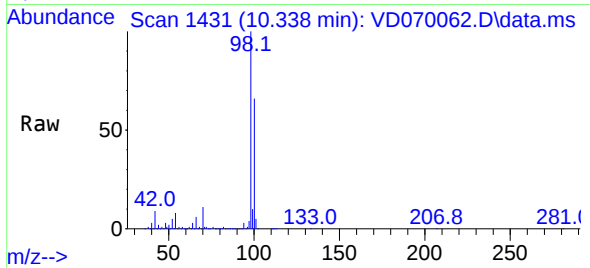




#50
Toluene-d8
Concen: 49.648 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070062.D
Acq: 16 Aug 2021 11:55

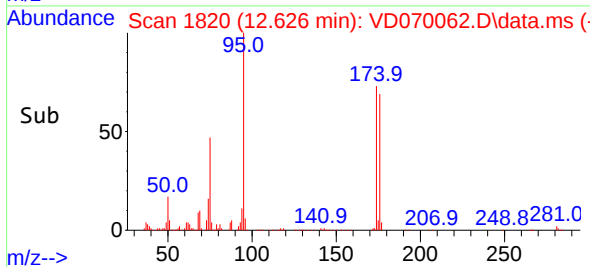
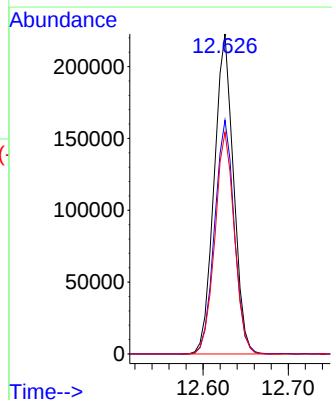
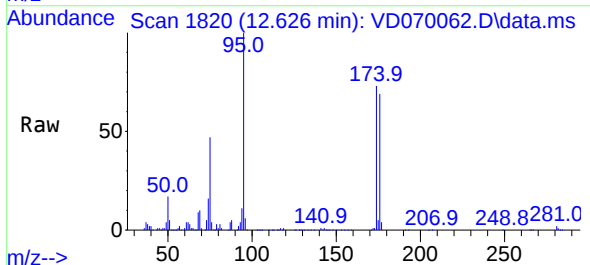
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBL01

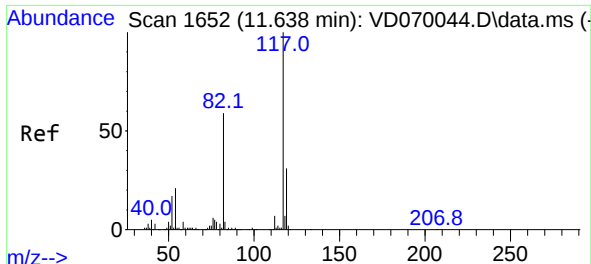
Tgt Ion: 98 Resp: 1158872
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.836 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070062.D
Acq: 16 Aug 2021 11:55

Tgt Ion: 95 Resp: 352395
Ion Ratio Lower Upper
95 100
174 73.9 0.0 141.6
176 69.4 0.0 138.2

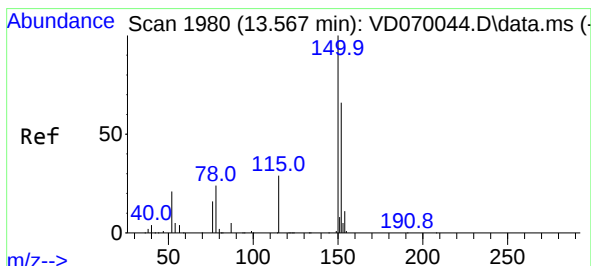
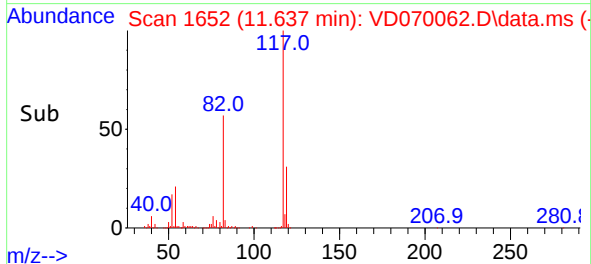
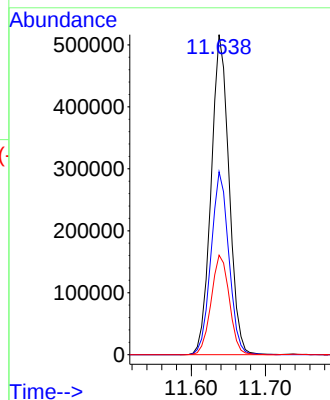
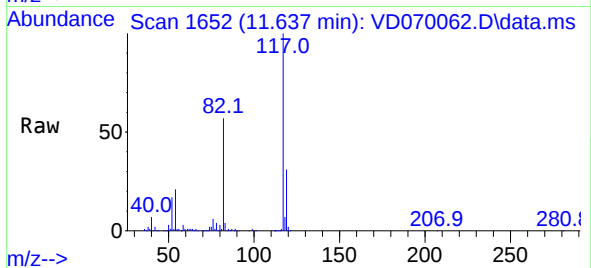




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070062.D
Acq: 16 Aug 2021 11:55

Instrument :
MSVOA_D
ClientSampleId :
VD0816SBL01

Tgt Ion:	117	Resp:	864659
Ion	Ratio	Lower	Upper
117	100		
82	57.1	47.5	71.3
119	31.1	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070062.D
Acq: 16 Aug 2021 11:55

Tgt Ion:	152	Resp:	352568
Ion	Ratio	Lower	Upper
152	100		
115	61.6	31.2	93.6
150	158.8	0.0	352.0

