

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102221\
 Data File : VD070826.D
 Acq On : 22 Oct 2021 15:45
 Operator : VA/SY
 Sample : M4290-10
 Misc : 4.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TH-BBS

Quant Time: Oct 23 04:12:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	99887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	176830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	183906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	83721	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	109684	92.710	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	185.420%#
35) Dibromofluoromethane	7.914	113	77442	68.396	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	136.800%
50) Toluene-d8	10.332	98	230242	53.047	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.100%
62) 4-Bromofluorobenzene	12.620	95	81584	54.590	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.180%

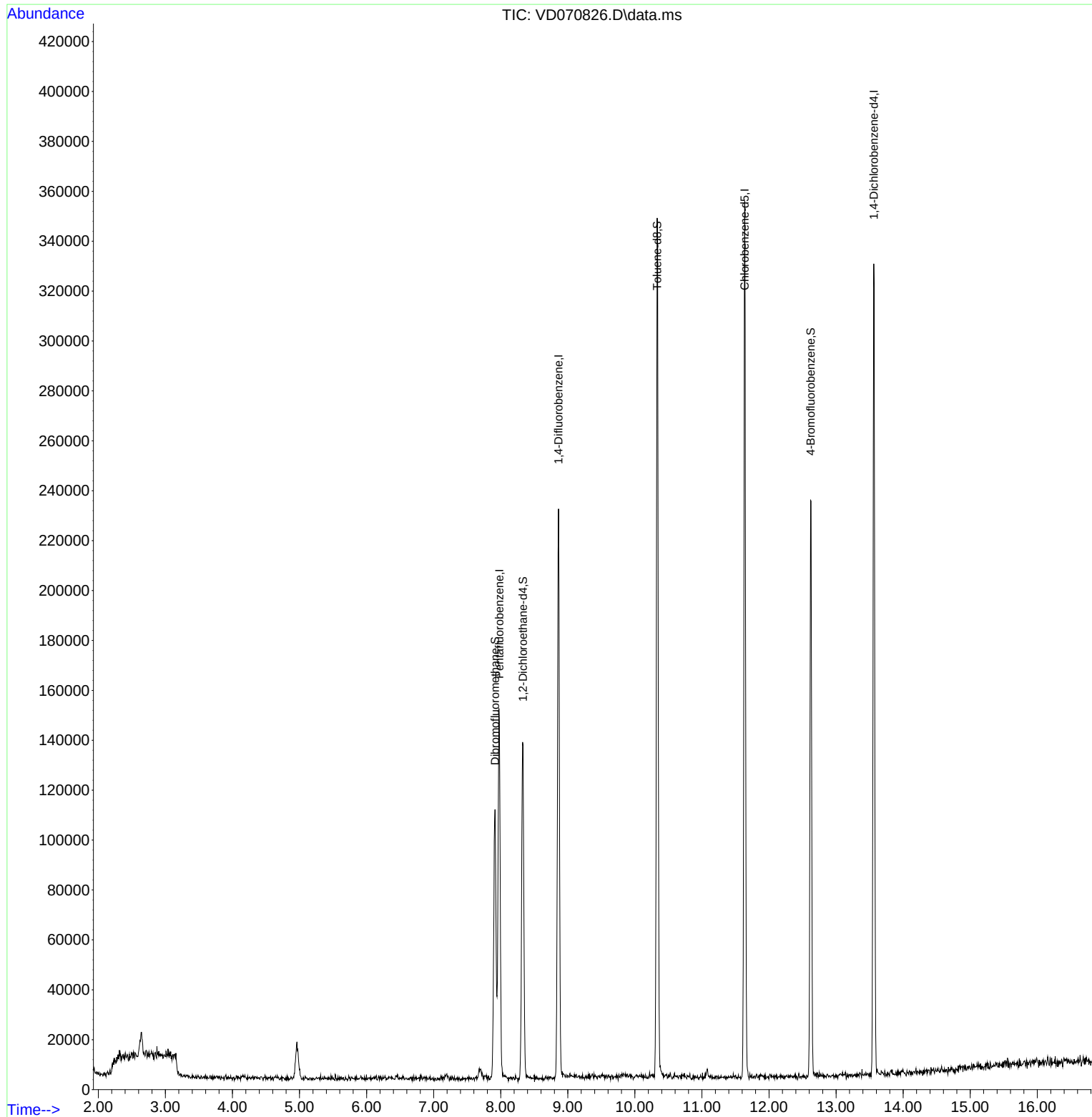
Target Compounds	Qvalue

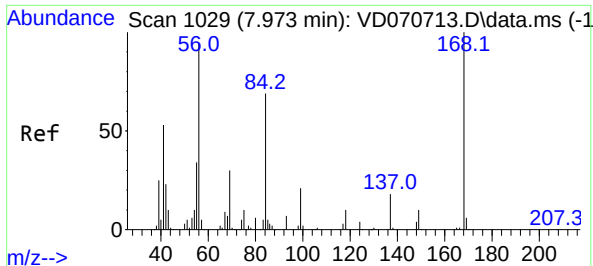
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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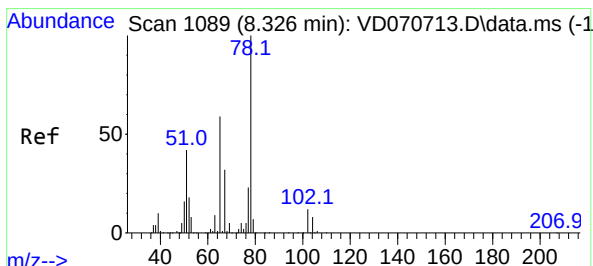
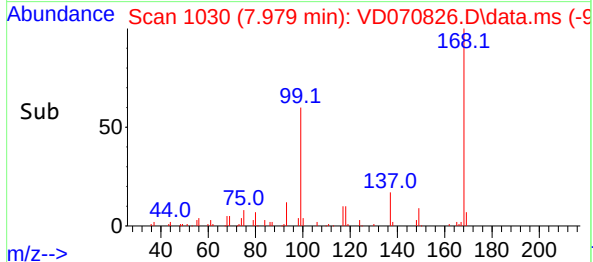
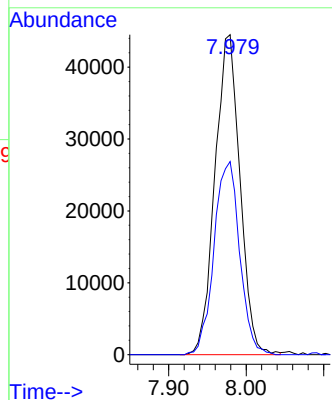
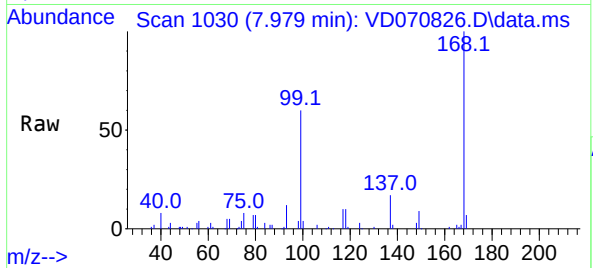




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070826.D
Acq: 22 Oct 2021 15:45

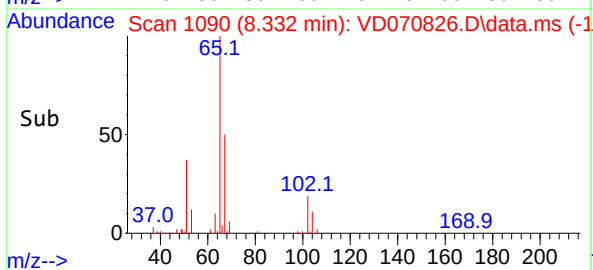
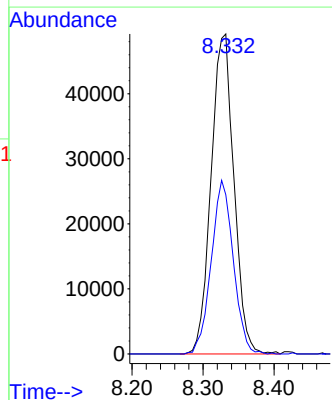
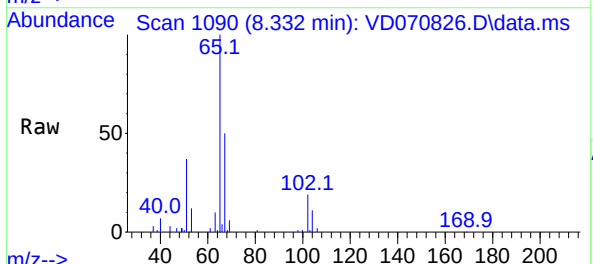
Instrument :
MSVOA_D
ClientSampleId :
TH-BBS

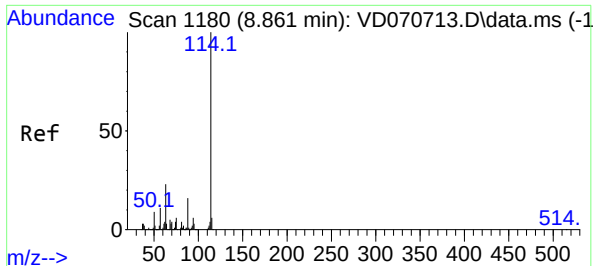
Tgt Ion:168 Resp: 99887
Ion Ratio Lower Upper
168 100
99 60.3 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 92.710 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070826.D
Acq: 22 Oct 2021 15:45

Tgt Ion: 65 Resp: 109684
Ion Ratio Lower Upper
65 100
67 52.5 0.0 110.2





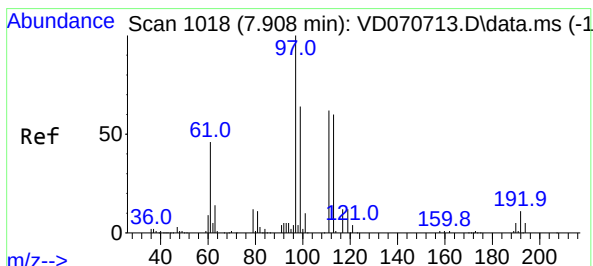
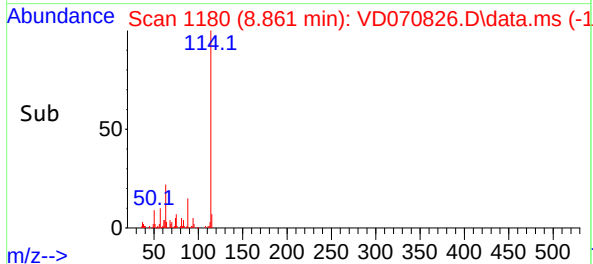
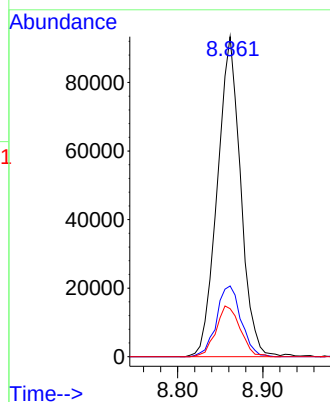
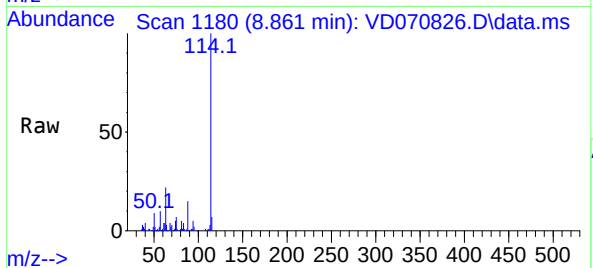
#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070826.D
Acq: 22 Oct 2021 15:45

Instrument :
MSVOA_D
ClientSampleId :
TH-BBS

Tgt Ion:114 Resp: 176830

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	41.8
88	15.0	0.0	32.6

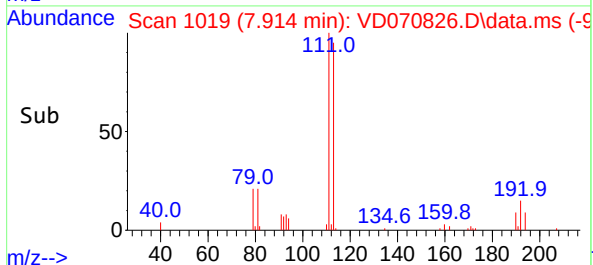
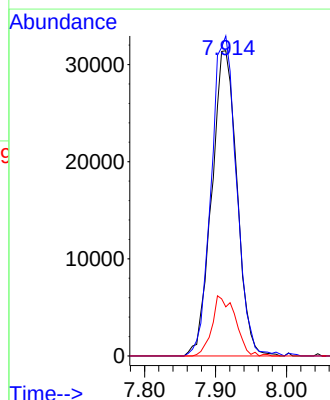
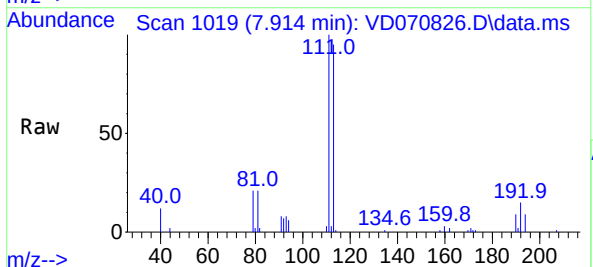


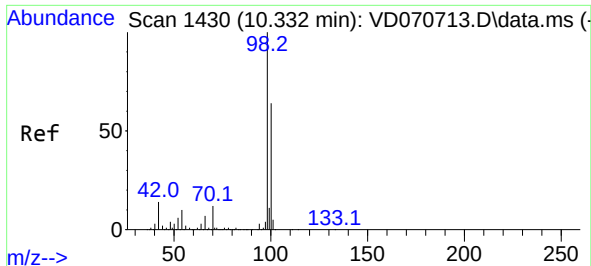
#35

Dibromofluoromethane
Concen: 68.396 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070826.D
Acq: 22 Oct 2021 15:45

Tgt Ion:113 Resp: 77442

Ion	Ratio	Lower	Upper
113	100		
111	104.8	83.1	124.7
192	18.3	12.7	19.1

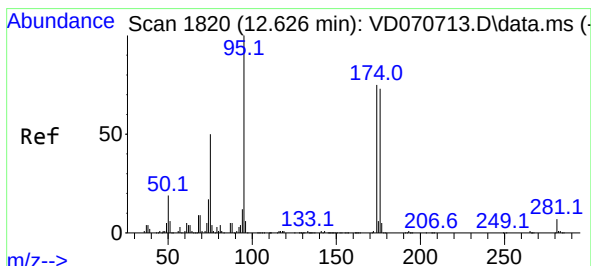
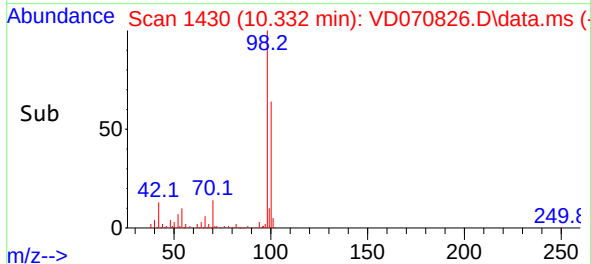
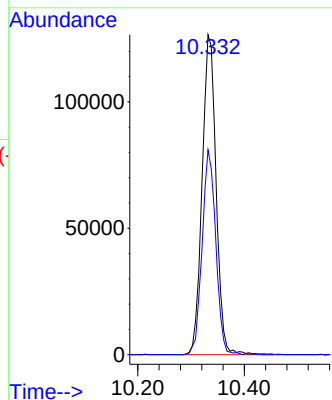
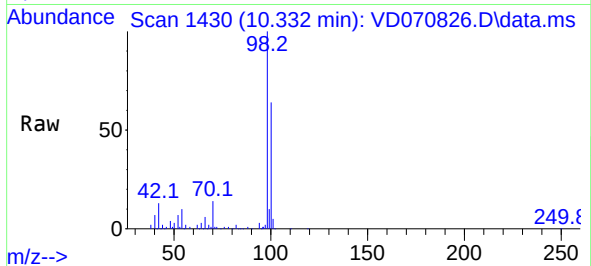




#50
Toluene-d8
Concen: 53.047 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070826.D
Acq: 22 Oct 2021 15:45

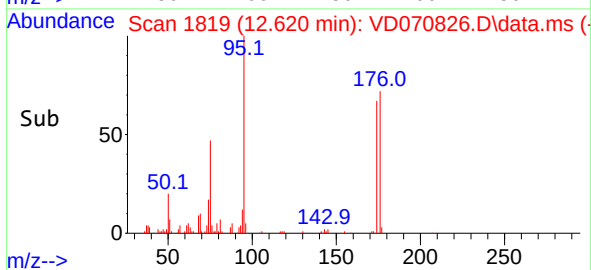
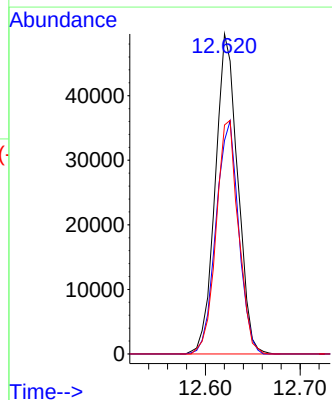
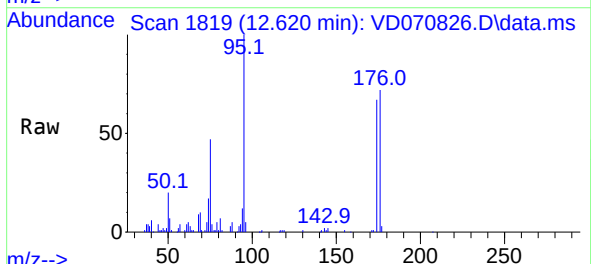
Instrument :
MSVOA_D
ClientSampleId :
TH-BBS

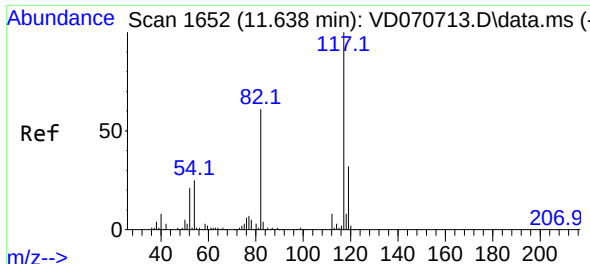
Tgt Ion: 98 Resp: 230242
Ion Ratio Lower Upper
98 100
100 62.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 54.590 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070826.D
Acq: 22 Oct 2021 15:45

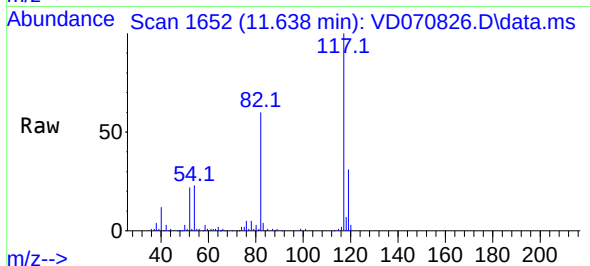
Tgt Ion: 95 Resp: 81584
Ion Ratio Lower Upper
95 100
174 73.4 0.0 138.0
176 72.5 0.0 135.6



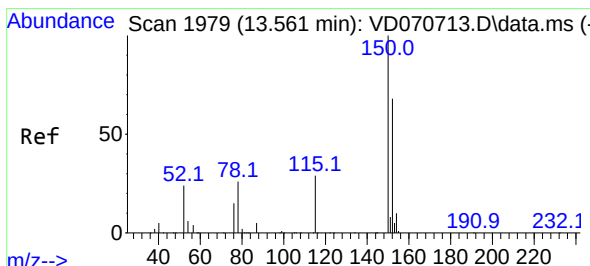
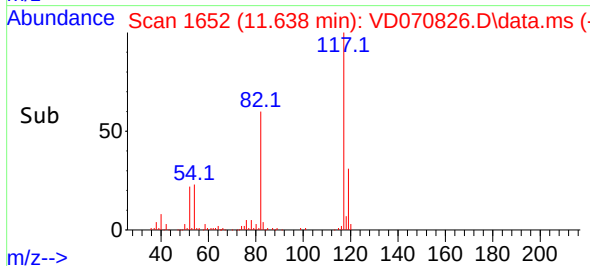
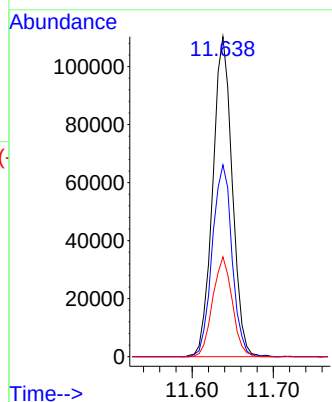


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070826.D
Acq: 22 Oct 2021 15:45

Instrument :
MSVOA_D
ClientSampleId :
TH-BBS



Tgt Ion:117 Resp: 183906
Ion Ratio Lower Upper
117 100
82 59.9 45.4 68.2
119 31.2 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070826.D
Acq: 22 Oct 2021 15:45

Tgt Ion:152 Resp: 83721
Ion Ratio Lower Upper
152 100
115 59.2 31.9 95.7
150 158.0 0.0 350.0

