

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101121\
 Data File : VD070659.D
 Acq On : 11 Oct 2021 14:44
 Operator : VA/SY
 Sample : M4135-01
 Misc : 6.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TS-2

Quant Time: Oct 12 05:40:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

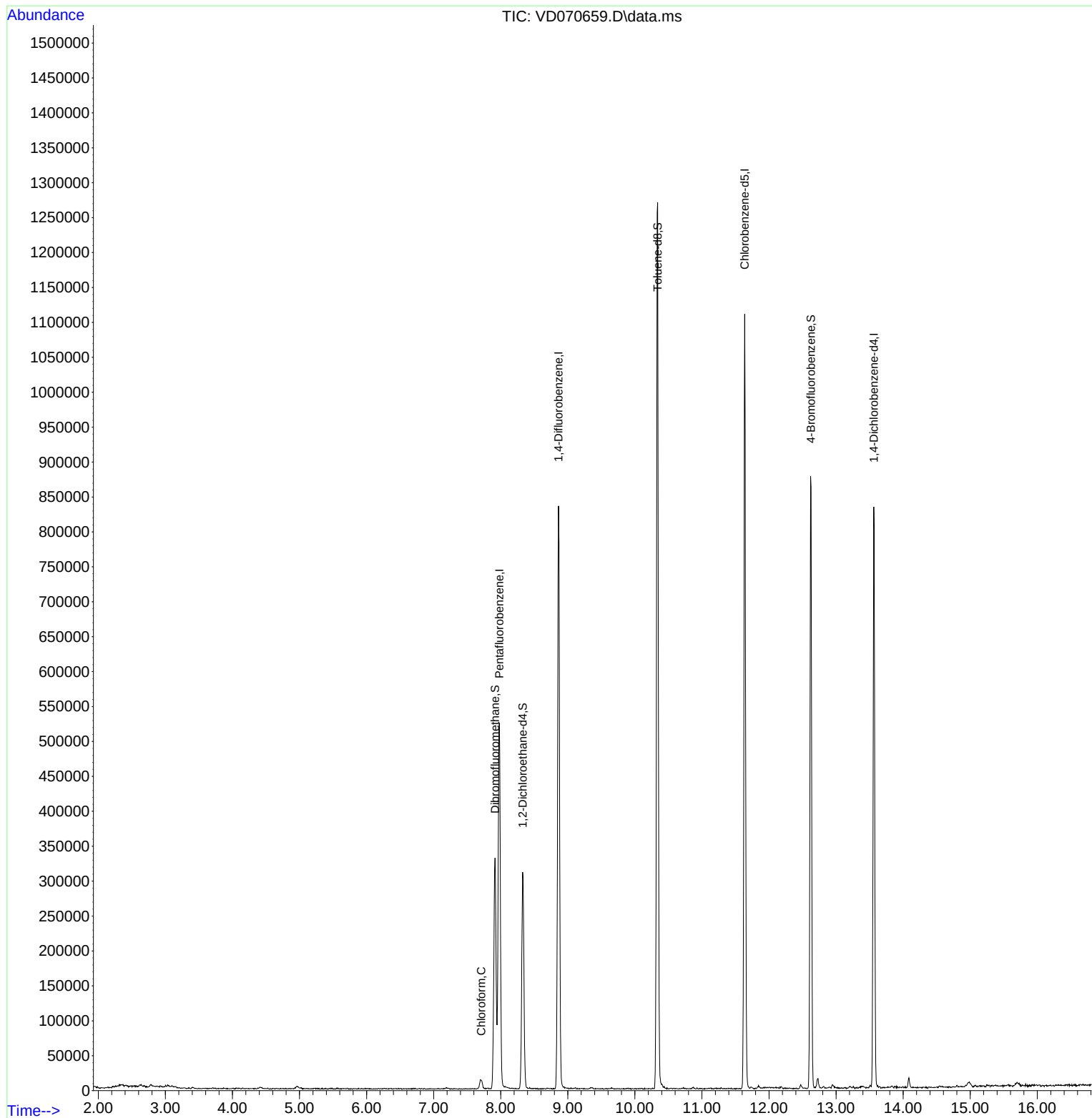
Internal Standards						
1) Pentafluorobenzene	7.979	168	376819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	731201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	650829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	220575	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	249280	56.21	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.42%
35) Dibromofluoromethane	7.914	113	243645	50.12	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.24%
50) Toluene-d8	10.338	98	909460	48.94	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.88%
62) 4-Bromofluorobenzene	12.626	95	264667	42.61	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.22%
Target Compounds						
30) Chloroform	7.709	83	11977	1.24	ug/l	Qvalue 94

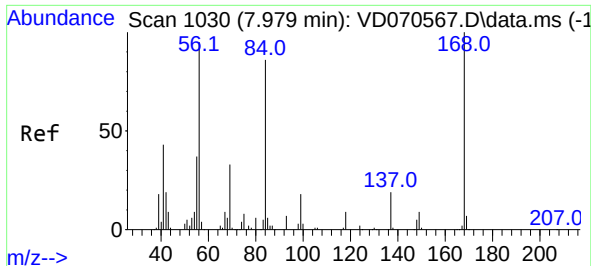
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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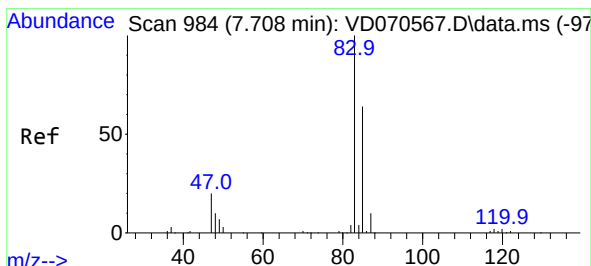
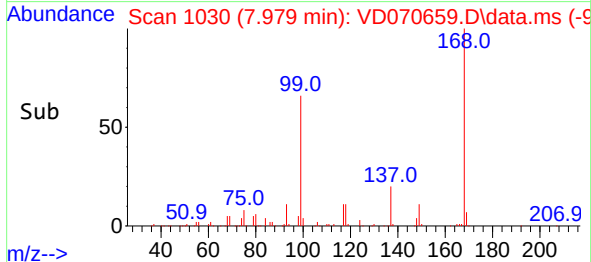
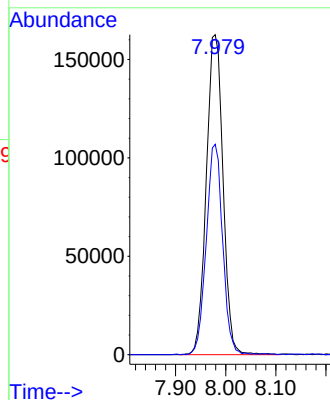
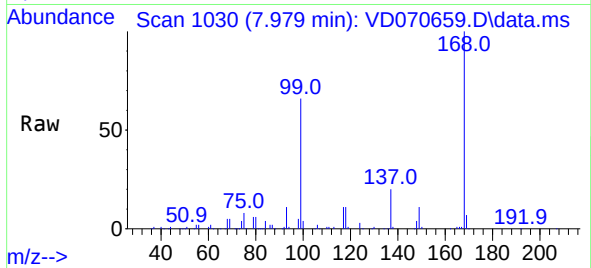




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070659.D
Acq: 11 Oct 2021 14:44

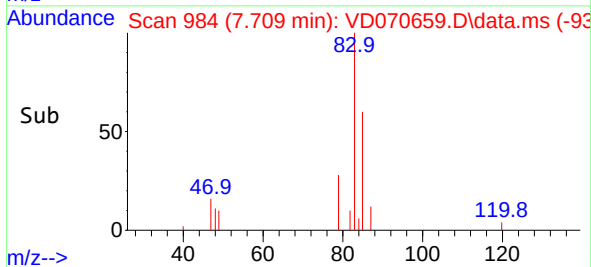
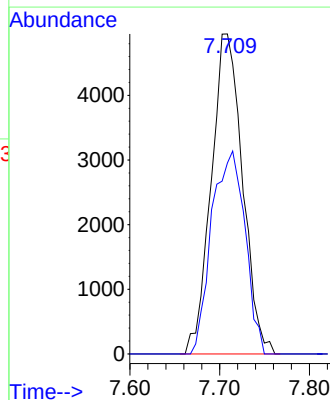
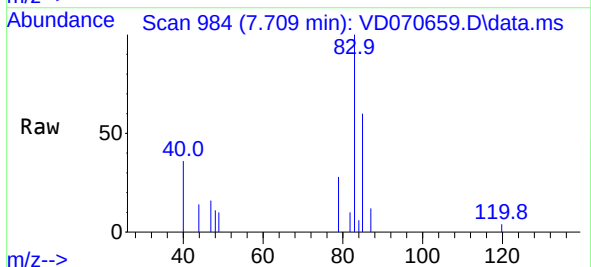
Instrument :
MSVOA_D
ClientSampleId :
TS-2

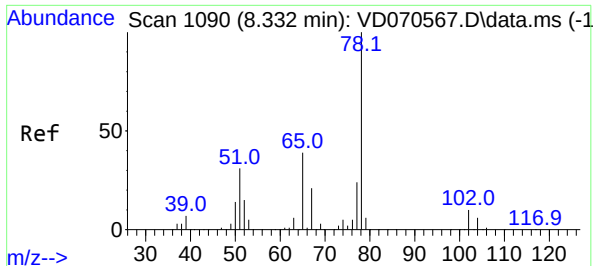
Tgt Ion:168 Resp: 376819
Ion Ratio Lower Upper
168 100
99 65.8 51.4 77.0



#30
Chloroform
Concen: 1.24 ug/l
RT: 7.709 min Scan# 984
Delta R.T. 0.000 min
Lab File: VD070659.D
Acq: 11 Oct 2021 14:44

Tgt Ion: 83 Resp: 11977
Ion Ratio Lower Upper
83 100
85 59.7 51.2 76.8

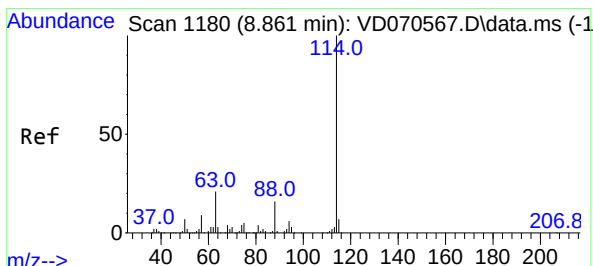
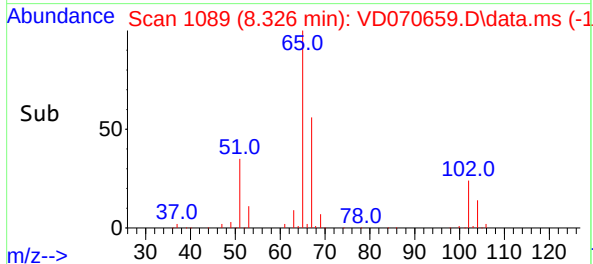
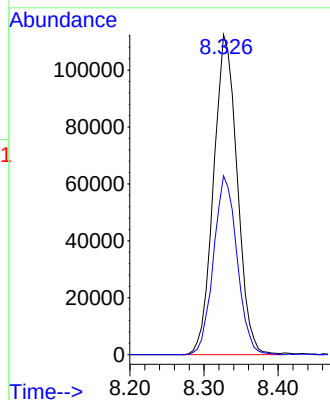
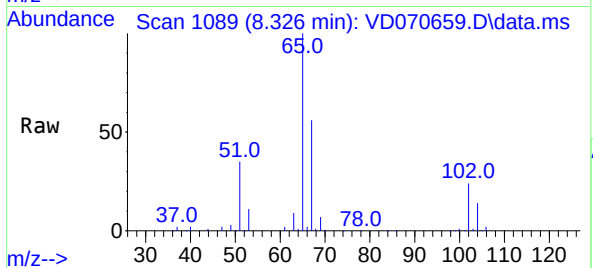




#33
1,2-Dichloroethane-d4
Concen: 56.21 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070659.D
Acq: 11 Oct 2021 14:44

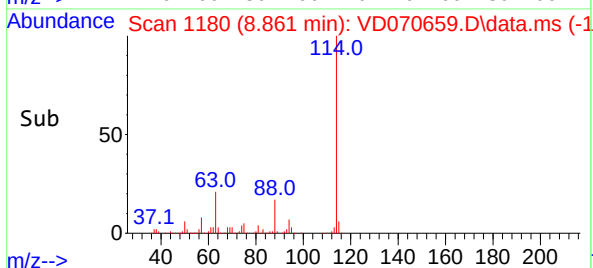
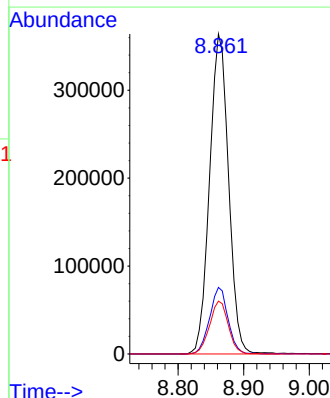
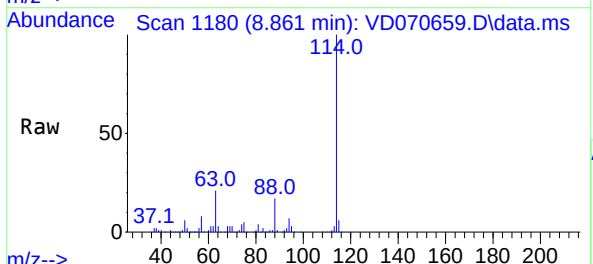
Instrument :
MSVOA_D
ClientSampleId :
TS-2

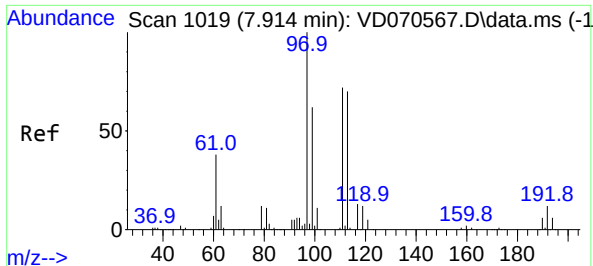
Tgt Ion: 65 Resp: 249280
Ion Ratio Lower Upper
65 100
67 55.5 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070659.D
Acq: 11 Oct 2021 14:44

Tgt Ion: 114 Resp: 731201
Ion Ratio Lower Upper
114 100
63 20.8 0.0 41.8
88 16.5 0.0 32.6

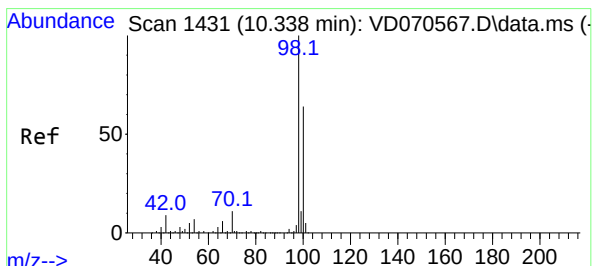
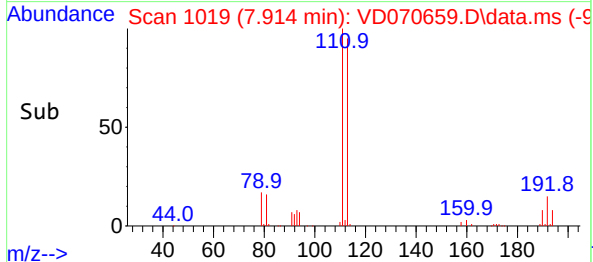
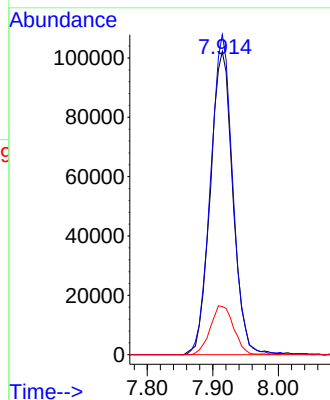
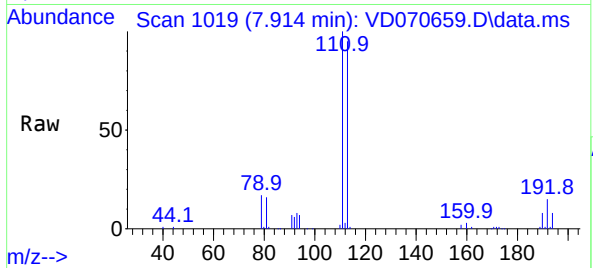




#35
Dibromofluoromethane
Concen: 50.12 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070659.D
Acq: 11 Oct 2021 14:44

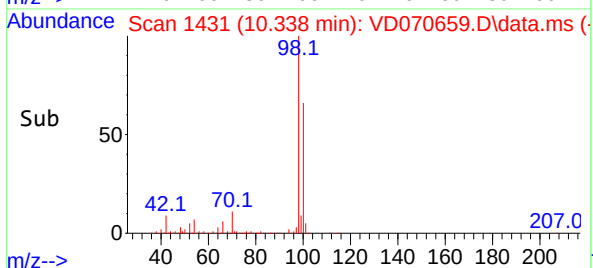
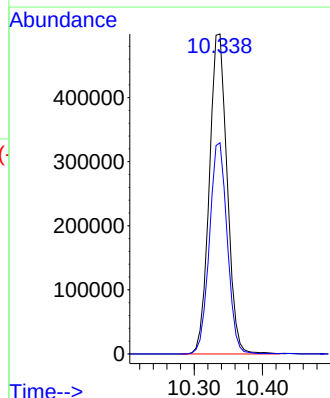
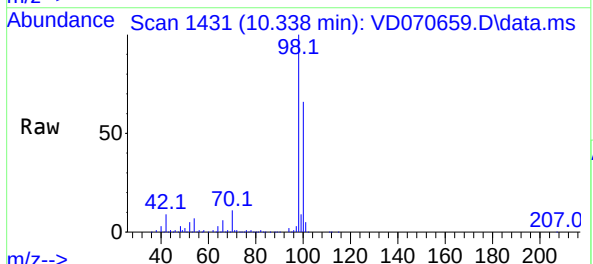
Instrument :
MSVOA_D
ClientSampled :
TS-2

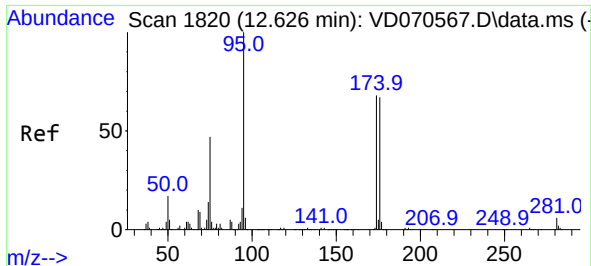
Tgt Ion:113 Resp: 243645
Ion Ratio Lower Upper
113 100
111 103.9 83.1 124.7
192 16.8 12.7 19.1



#50
Toluene-d8
Concen: 48.94 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070659.D
Acq: 11 Oct 2021 14:44

Tgt Ion: 98 Resp: 909460
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.4

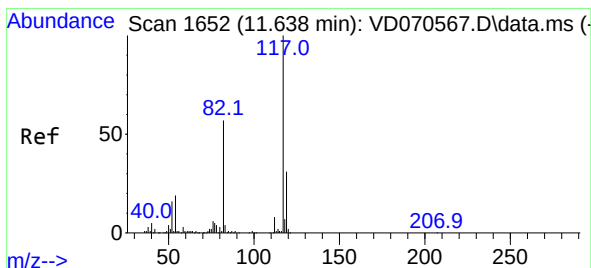
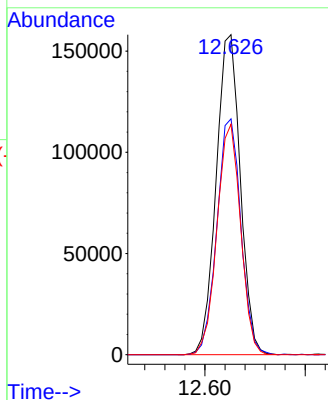
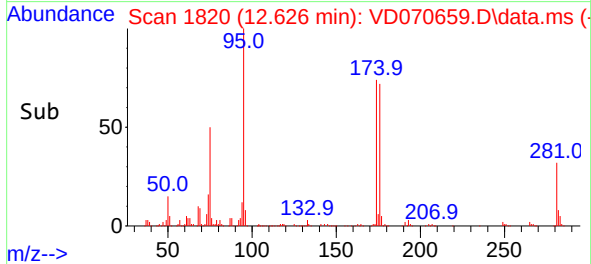
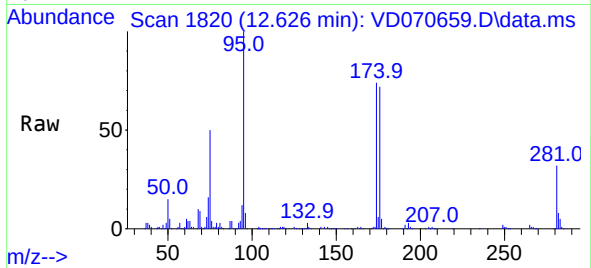




#62
4-Bromofluorobenzene
Concen: 42.61 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070659.D
Acq: 11 Oct 2021 14:44

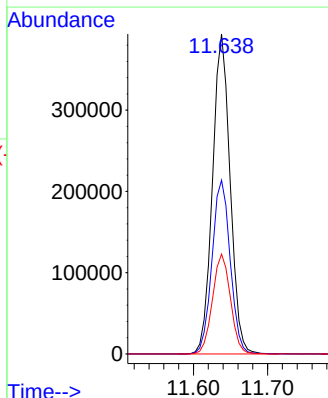
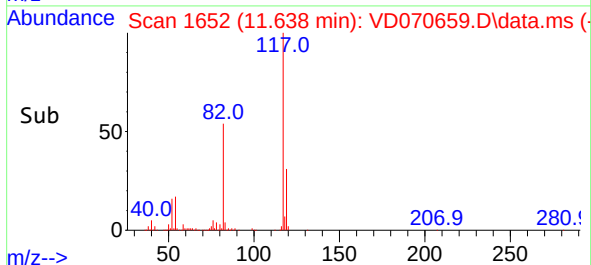
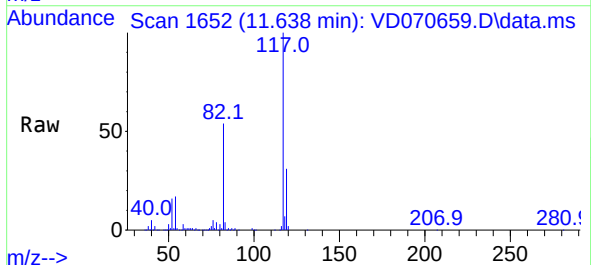
Instrument :
MSVOA_D
ClientSampleId :
TS-2

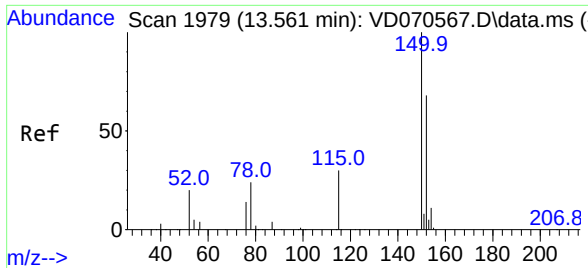
Tgt Ion: 95 Resp: 264667
Ion Ratio Lower Upper
95 100
174 73.2 0.0 138.0
176 70.2 0.0 135.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070659.D
Acq: 11 Oct 2021 14:44

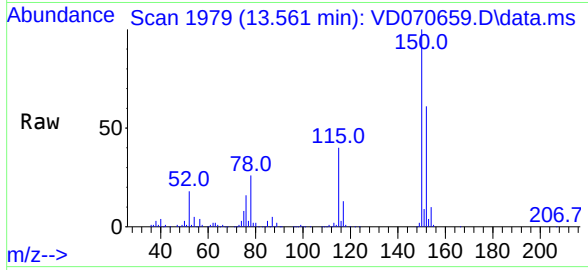
Tgt Ion: 117 Resp: 650829
Ion Ratio Lower Upper
117 100
82 54.3 45.4 68.2
119 31.2 24.7 37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD070659.D
 Acq: 11 Oct 2021 14:44

Instrument :
 MSVOA_D
 ClientSampleId :
 TS-2



Tgt Ion:152 Resp: 220575

Ion	Ratio	Lower	Upper
152	100		
115	63.5	31.9	95.7
150	161.7	0.0	350.0

