

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
 Data File : VD070621.D
 Acq On : 07 Oct 2021 17:12
 Operator : VA/SY
 Sample : M4117-02
 Misc : 2.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1(3-3.5)

Quant Time: Oct 08 04:53:42 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	7.973	168	360391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	684913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	654151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	264146	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	216467	51.04	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.08%
35) Dibromofluoromethane	7.914	113	230895	50.70	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.40%
50) Toluene-d8	10.338	98	891045	51.19	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.38%
62) 4-Bromofluorobenzene	12.620	95	263384	45.27	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.54%

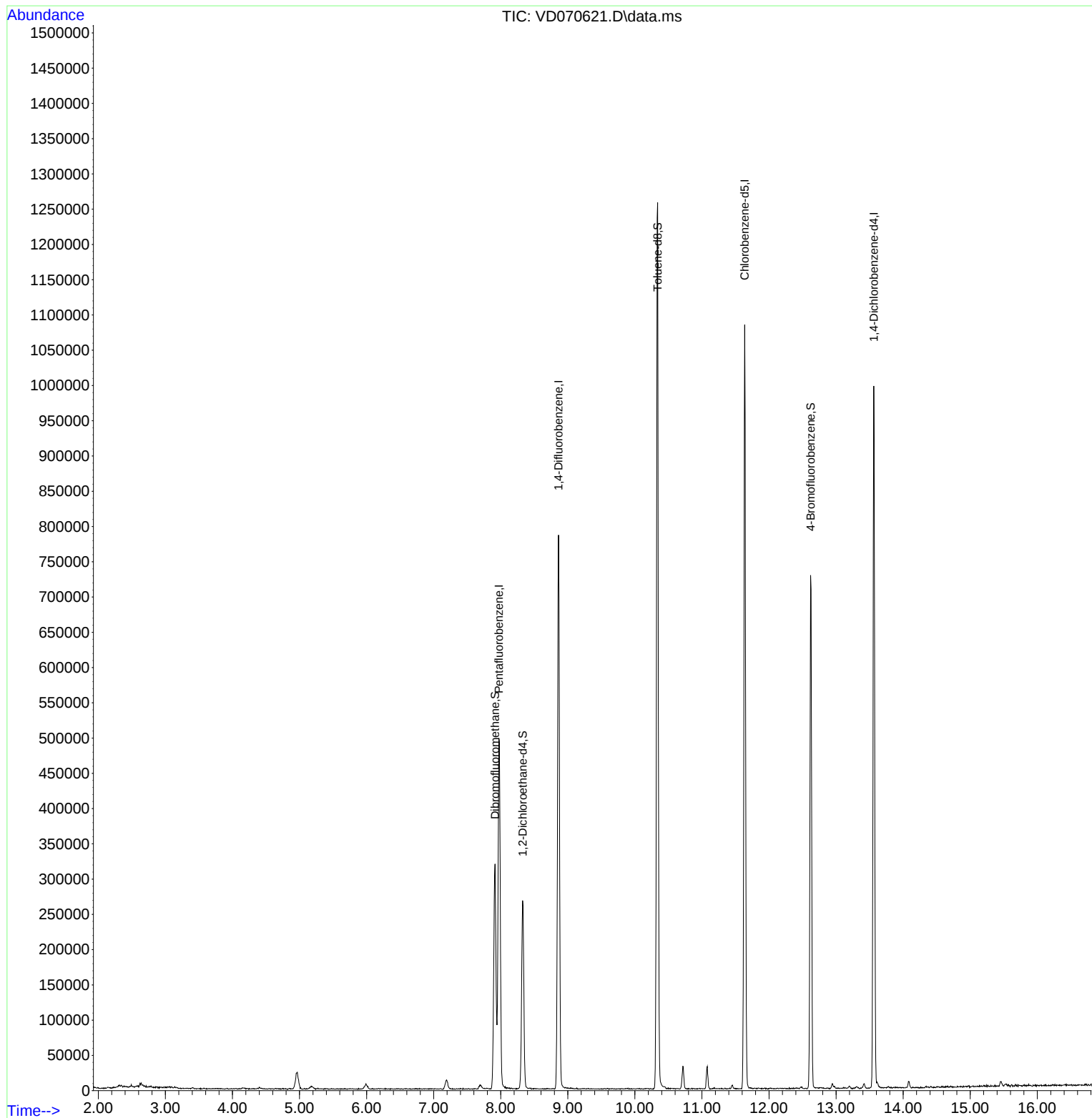
Target Compounds	Qvalue

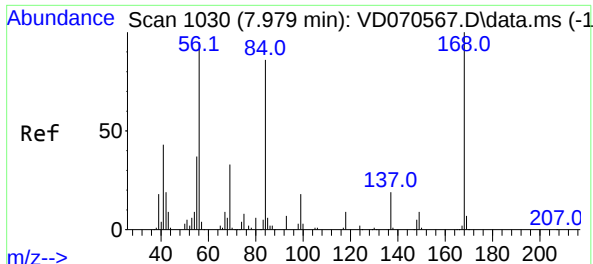
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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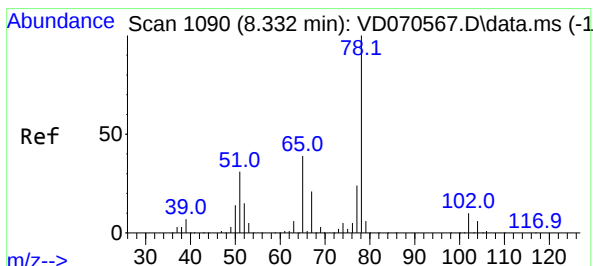
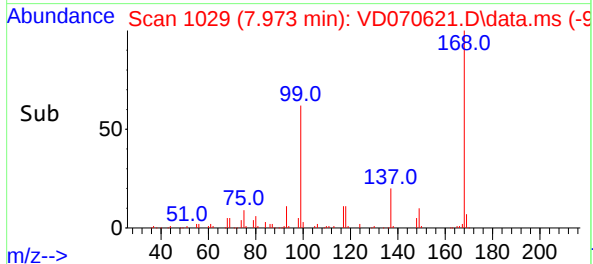
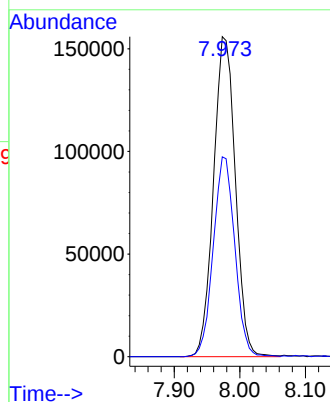
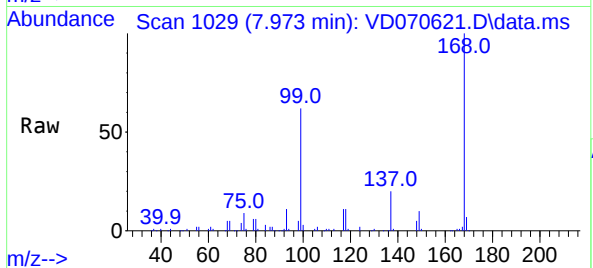




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070621.D
Acq: 07 Oct 2021 17:12

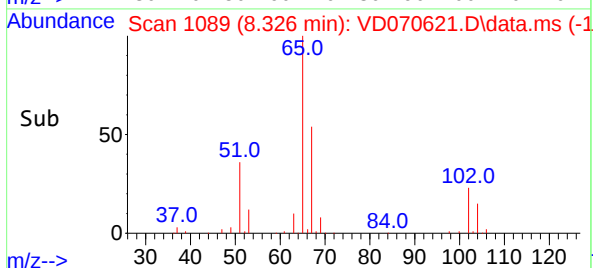
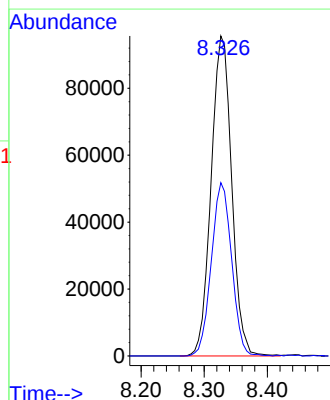
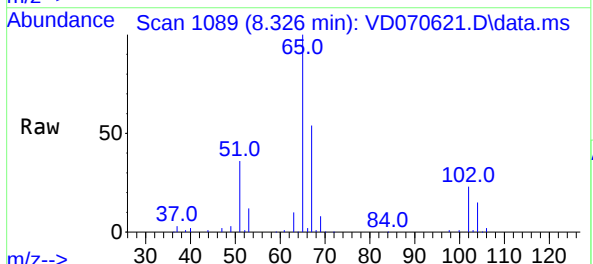
Instrument :
MSVOA_D
ClientSampleId :
SB-1(3-3.5)

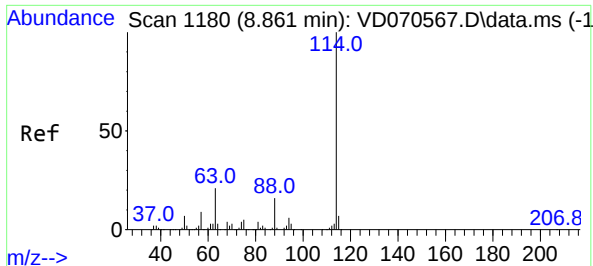
Tgt Ion:168 Resp: 360391
Ion Ratio Lower Upper
168 100
99 62.5 51.4 77.0



1,2-Dichloroethane-d4
Concen: 51.04 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070621.D
Acq: 07 Oct 2021 17:12

Tgt Ion: 65 Resp: 216467
Ion Ratio Lower Upper
65 100
67 53.4 0.0 110.2



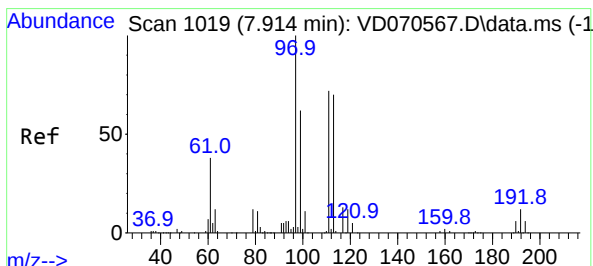
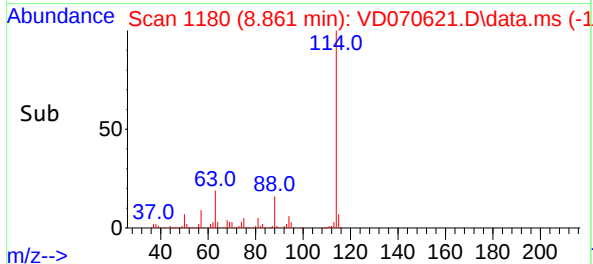
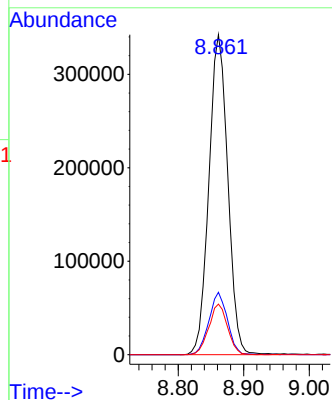
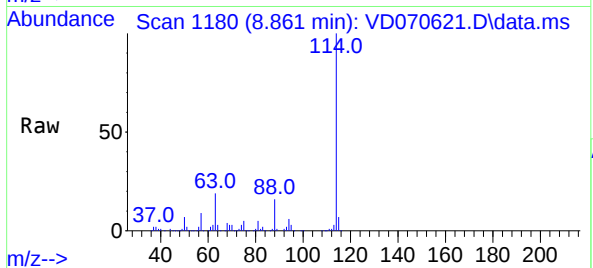


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070621.D
Acq: 07 Oct 2021 17:12

Instrument :
MSVOA_D
ClientSampleId :
SB-1(3-3.5)

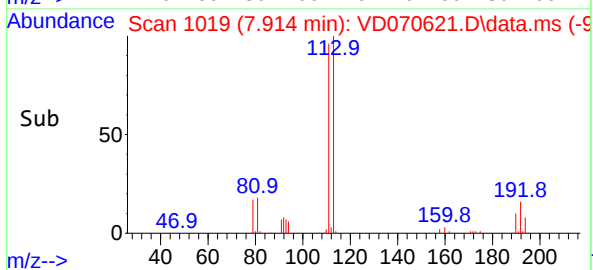
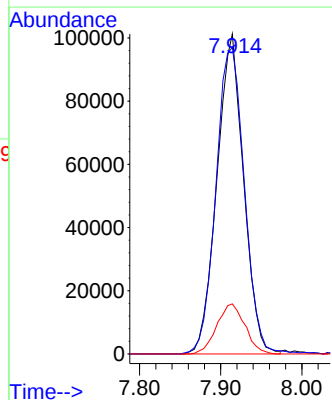
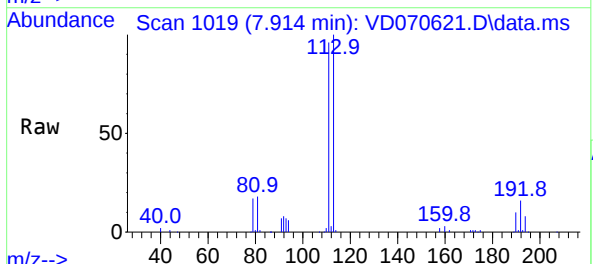
Tgt Ion:114 Resp: 684913
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.8
88 15.8 0.0 32.6

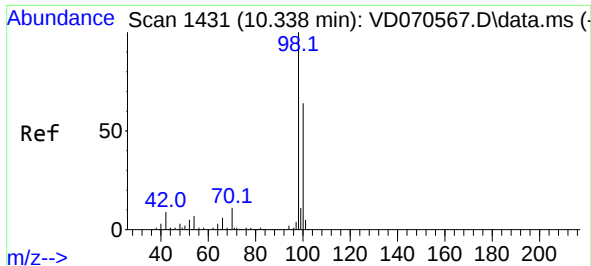


#35

Dibromofluoromethane
Concen: 50.70 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070621.D
Acq: 07 Oct 2021 17:12

Tgt Ion:113 Resp: 230895
Ion Ratio Lower Upper
113 100
111 102.7 83.1 124.7
192 16.6 12.7 19.1

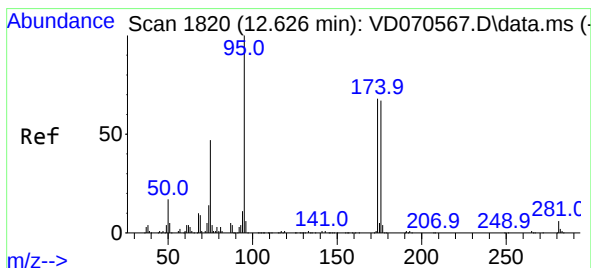
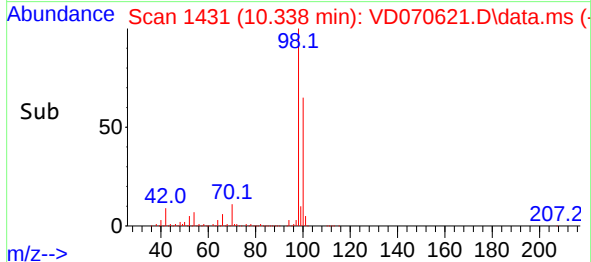
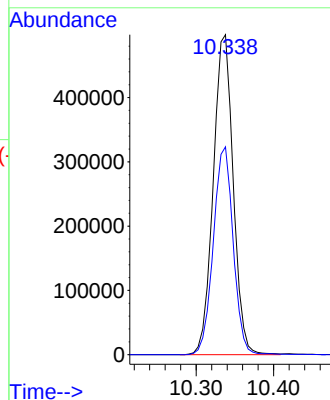
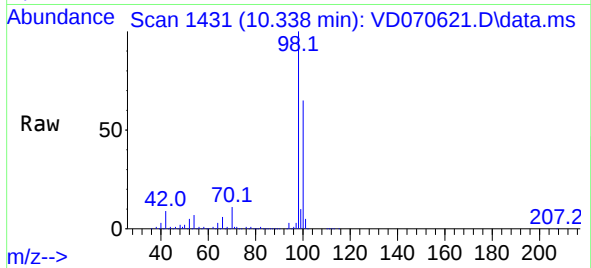




#50
Toluene-d8
Concen: 51.19 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070621.D
Acq: 07 Oct 2021 17:12

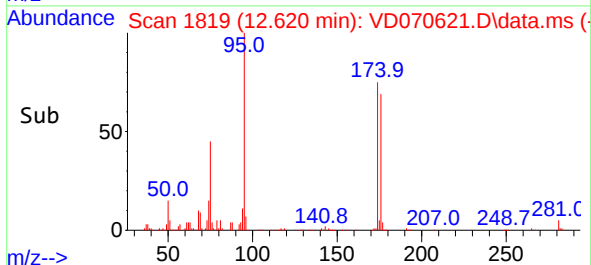
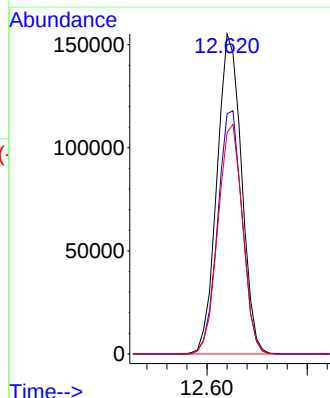
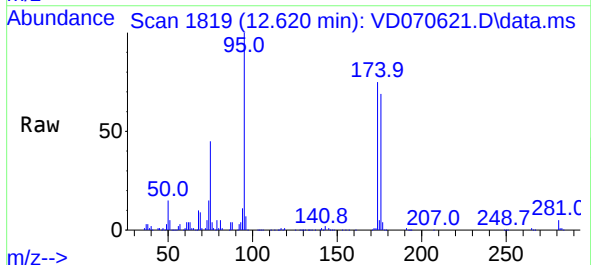
Instrument :
MSVOA_D
ClientSampleId :
SB-1(3-3.5)

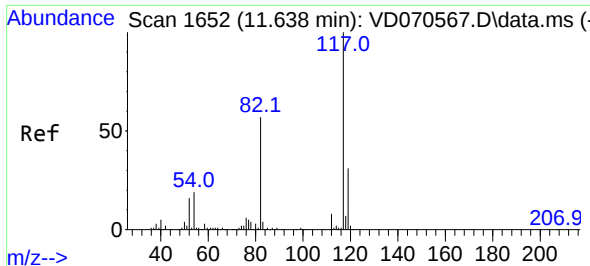
Tgt Ion: 98 Resp: 891045
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.27 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070621.D
Acq: 07 Oct 2021 17:12

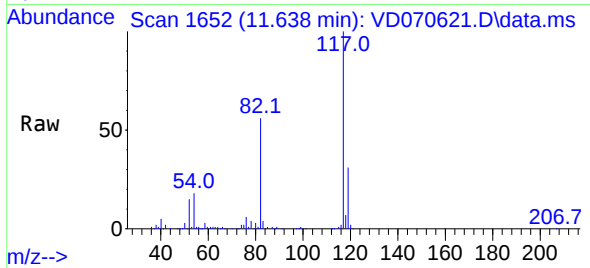
Tgt Ion: 95 Resp: 263384
Ion Ratio Lower Upper
95 100
174 75.9 0.0 138.0
176 72.1 0.0 135.6





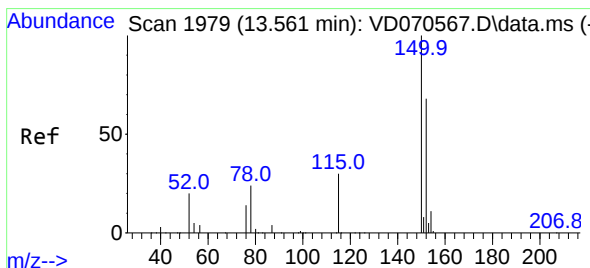
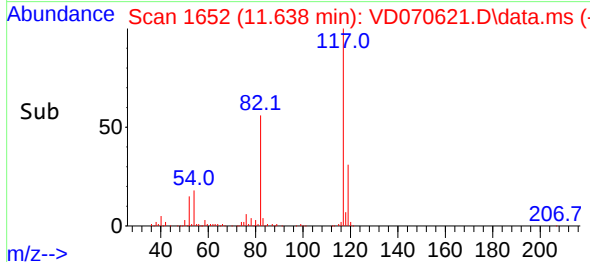
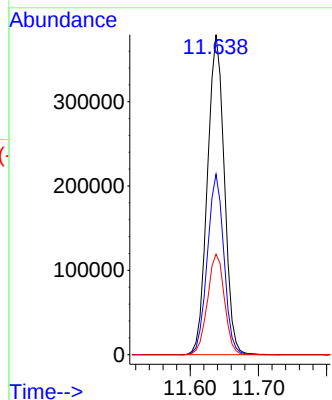
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070621.D
Acq: 07 Oct 2021 17:12

Instrument :
MSVOA_D
ClientSampleId :
SB-1(3-3.5)

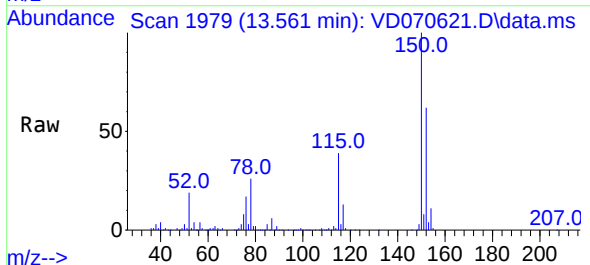


Tgt Ion:117 Resp: 654151

Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.4	68.2
119	31.4	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: VD070621.D
Acq: 07 Oct 2021 17:12



Tgt Ion:152 Resp: 264146

Ion	Ratio	Lower	Upper
152	100		
115	63.2	31.9	95.7
150	161.4	0.0	350.0

