

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070678.D
 Acq On : 12 Oct 2021 14:38
 Operator : VA/SY
 Sample : M4158-19
 Misc : 6.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-4-BOTTOM-GRAB

Quant Time: Oct 13 06:36:29 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	355343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	709375	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	649652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	241605	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	236879	56.64	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.28%
35) Dibromofluoromethane	7.914	113	237130	50.28	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.56%
50) Toluene-d8	10.332	98	891037	49.42	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.84%
62) 4-Bromofluorobenzene	12.626	95	266534	44.23	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.46%

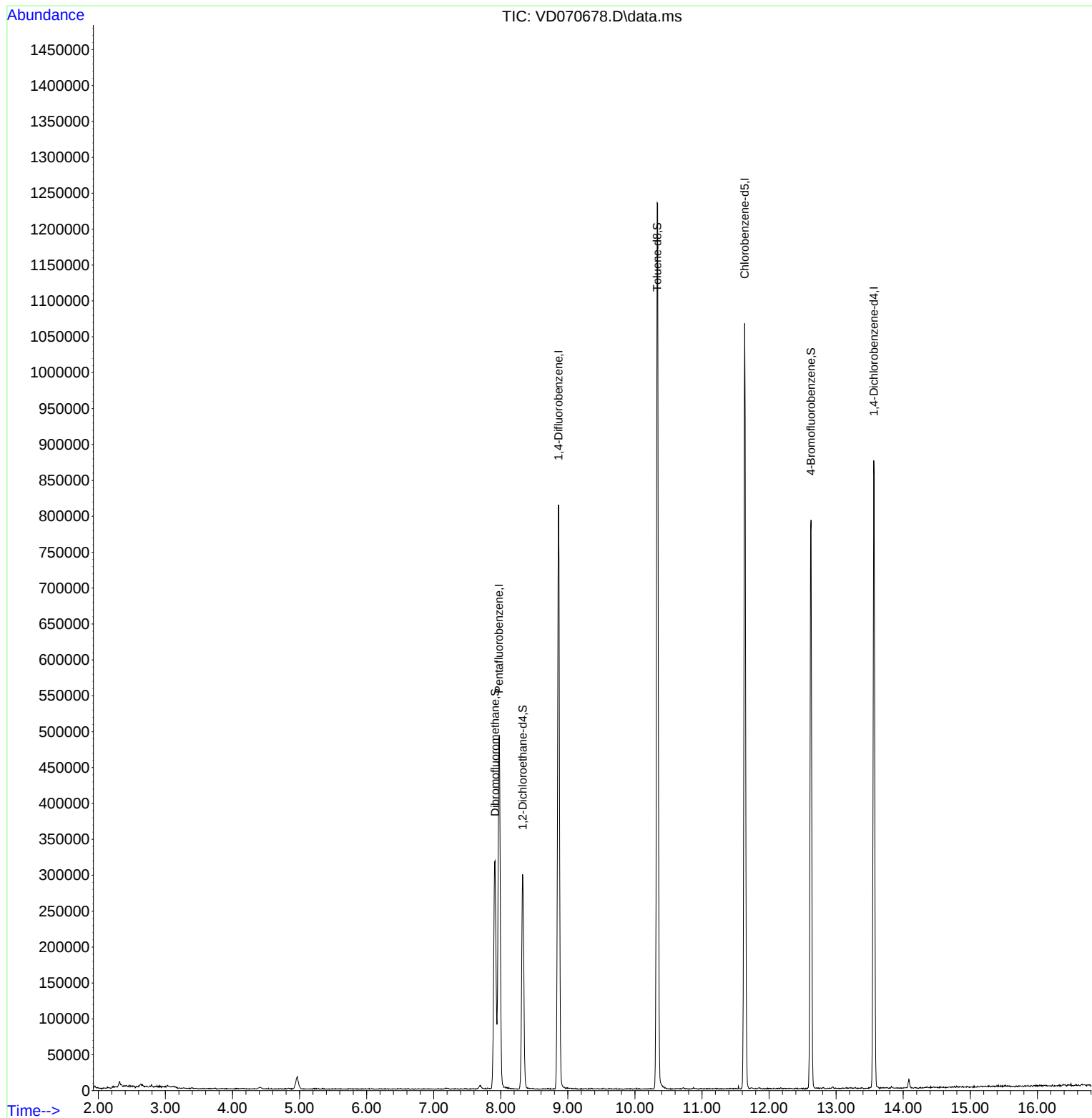
Target Compounds	Qvalue

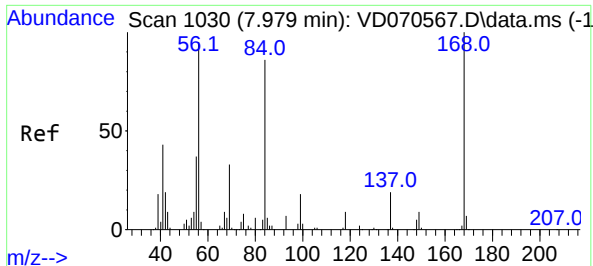
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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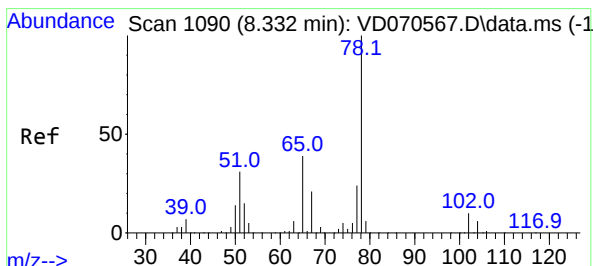
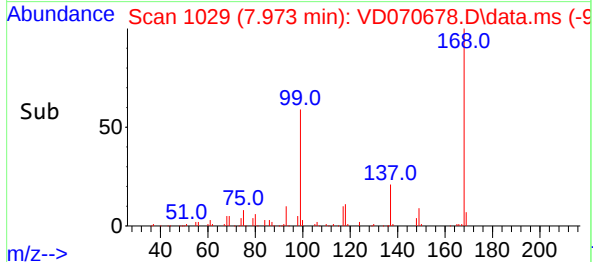
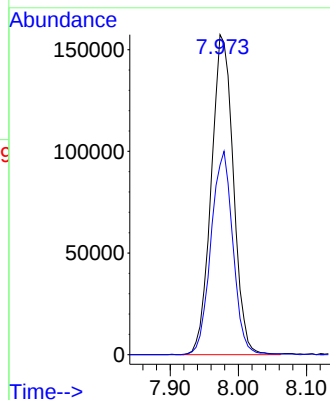
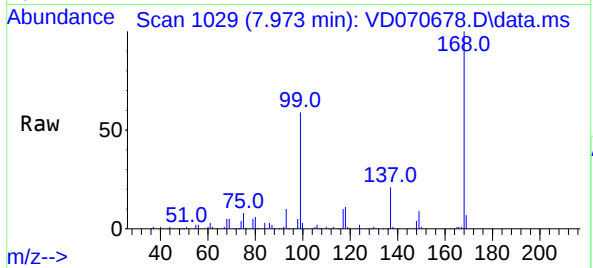




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070678.D
Acq: 12 Oct 2021 14:38

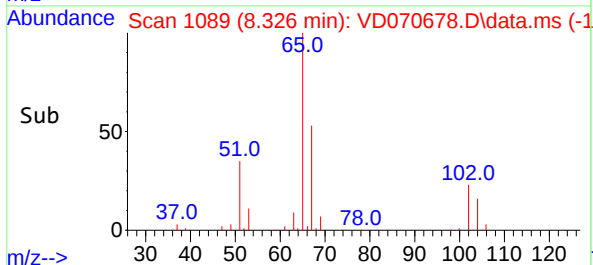
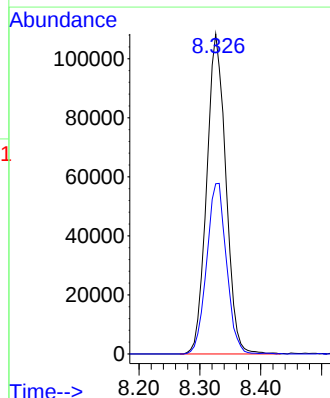
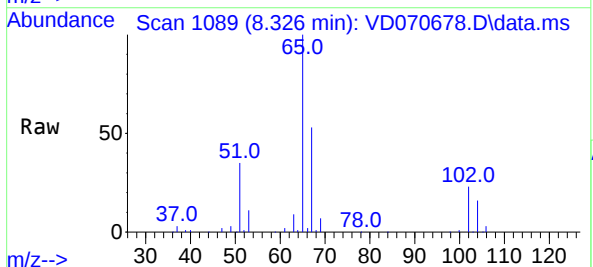
Instrument :
MSVOA_D
ClientSampleId :
T8-4-BOTTOM-GRAB

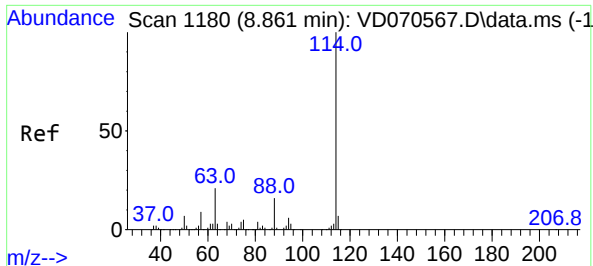
Tgt Ion:168 Resp: 355343
Ion Ratio Lower Upper
168 100
99 59.2 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 56.64 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070678.D
Acq: 12 Oct 2021 14:38

Tgt Ion: 65 Resp: 236879
Ion Ratio Lower Upper
65 100
67 55.1 0.0 110.2



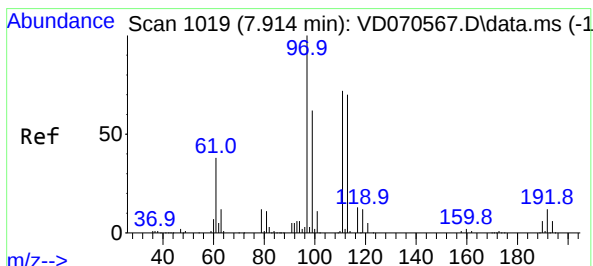
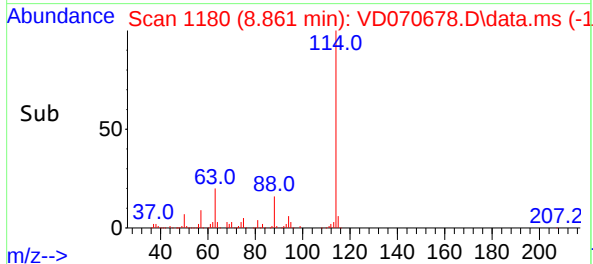
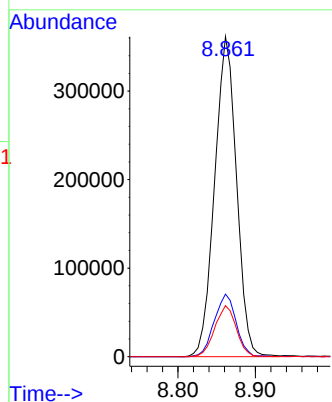
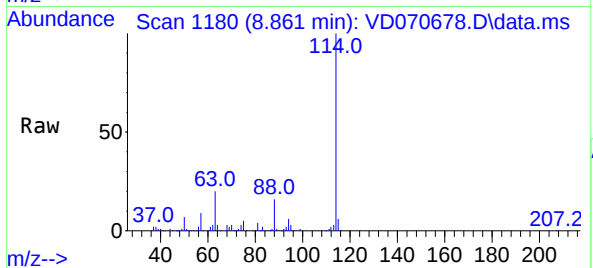


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070678.D
Acq: 12 Oct 2021 14:38

Instrument :
MSVOA_D
ClientSampleId :
T8-4-BOTTOM-GRAB

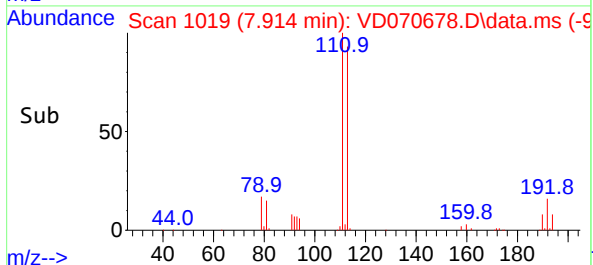
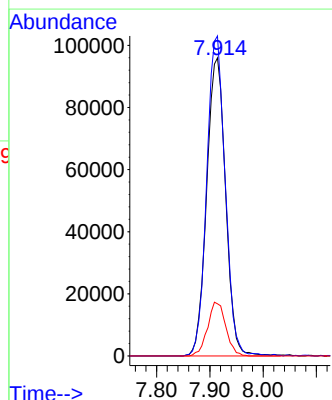
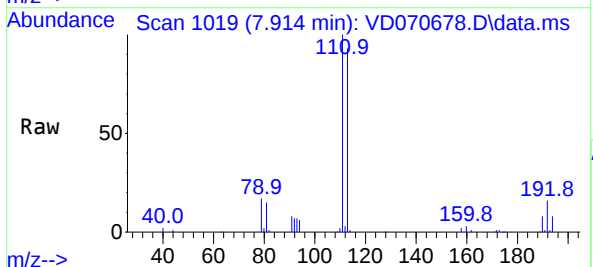
Tgt Ion:114 Resp: 709375
Ion Ratio Lower Upper
114 100
63 19.6 0.0 41.8
88 15.9 0.0 32.6

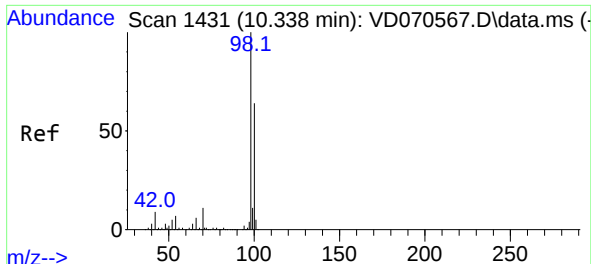


#35

Dibromofluoromethane
Concen: 50.28 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070678.D
Acq: 12 Oct 2021 14:38

Tgt Ion:113 Resp: 237130
Ion Ratio Lower Upper
113 100
111 104.3 83.1 124.7
192 17.3 12.7 19.1

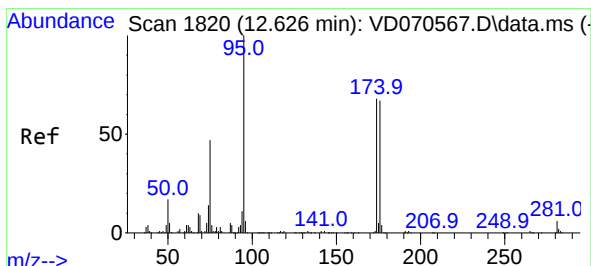
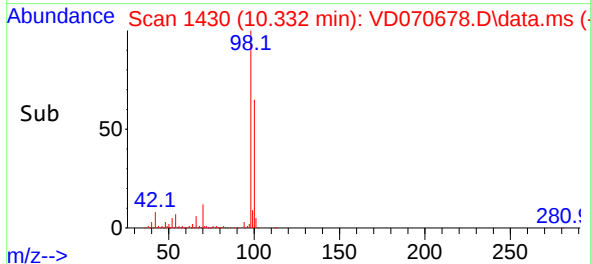
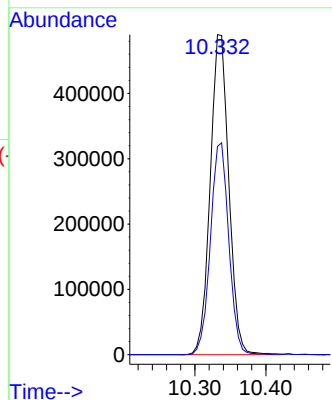
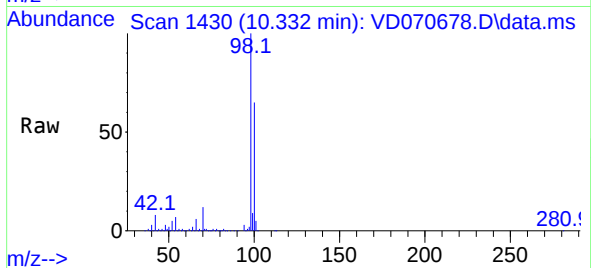




#50
Toluene-d8
Concen: 49.42 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070678.D
Acq: 12 Oct 2021 14:38

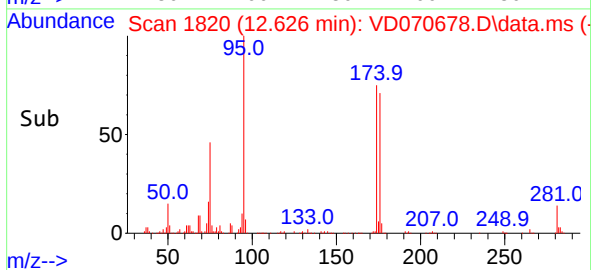
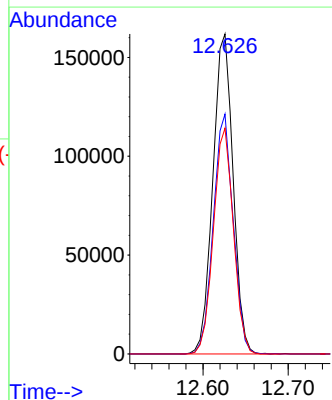
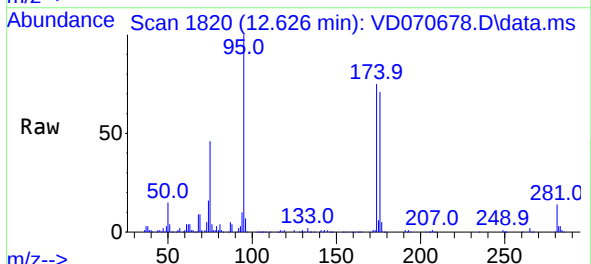
Instrument :
MSVOA_D
ClientSampleId :
T8-4-BOTTOM-GRAB

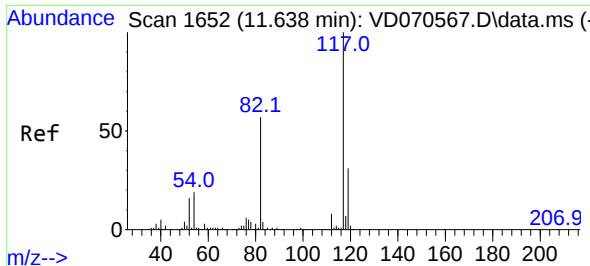
Tgt Ion: 98 Resp: 891037
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 44.23 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070678.D
Acq: 12 Oct 2021 14:38

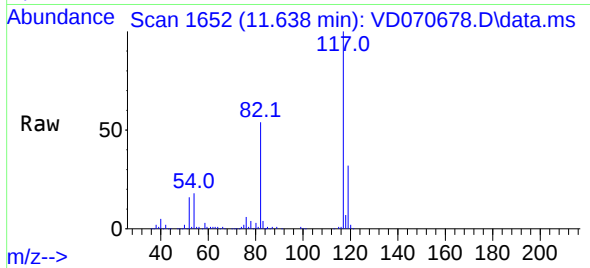
Tgt Ion: 95 Resp: 266534
Ion Ratio Lower Upper
95 100
174 73.9 0.0 138.0
176 69.6 0.0 135.6



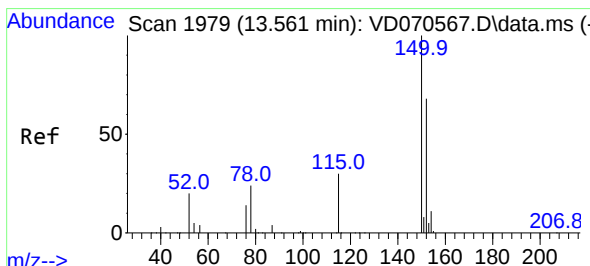
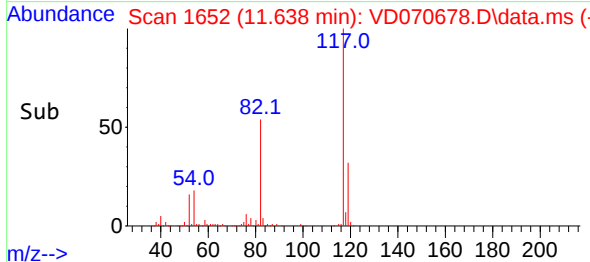
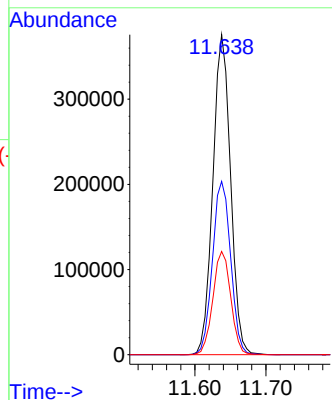


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070678.D
Acq: 12 Oct 2021 14:38

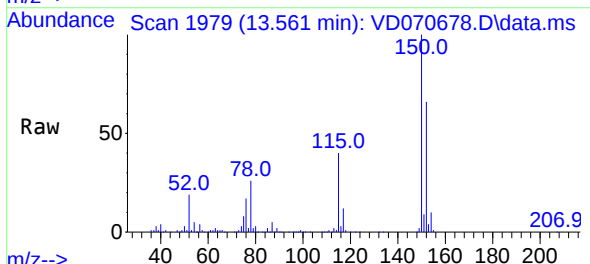
Instrument :
MSVOA_D
ClientSampleId :
T8-4-BOTTOM-GRAB



Tgt Ion:117 Resp: 649652
Ion Ratio Lower Upper
117 100
82 54.2 45.4 68.2
119 32.2 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: VD070678.D
Acq: 12 Oct 2021 14:38



Tgt Ion:152 Resp: 241605
Ion Ratio Lower Upper
152 100
115 60.5 31.9 95.7
150 154.8 0.0 350.0

