

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091521\
 Data File : VD070370.D
 Acq On : 15 Sep 2021 11:29
 Operator : VA/SY
 Sample : M3723-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-03-091321

Quant Time: Sep 16 02:39:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	218480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	411127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	537553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	256556	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	152589	54.392	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.780%
35) Dibromofluoromethane	7.908	113	156558	53.497	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.000%
50) Toluene-d8	10.338	98	549618	51.728	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.460%
62) 4-Bromofluorobenzene	12.626	95	251249	67.660	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	135.320%

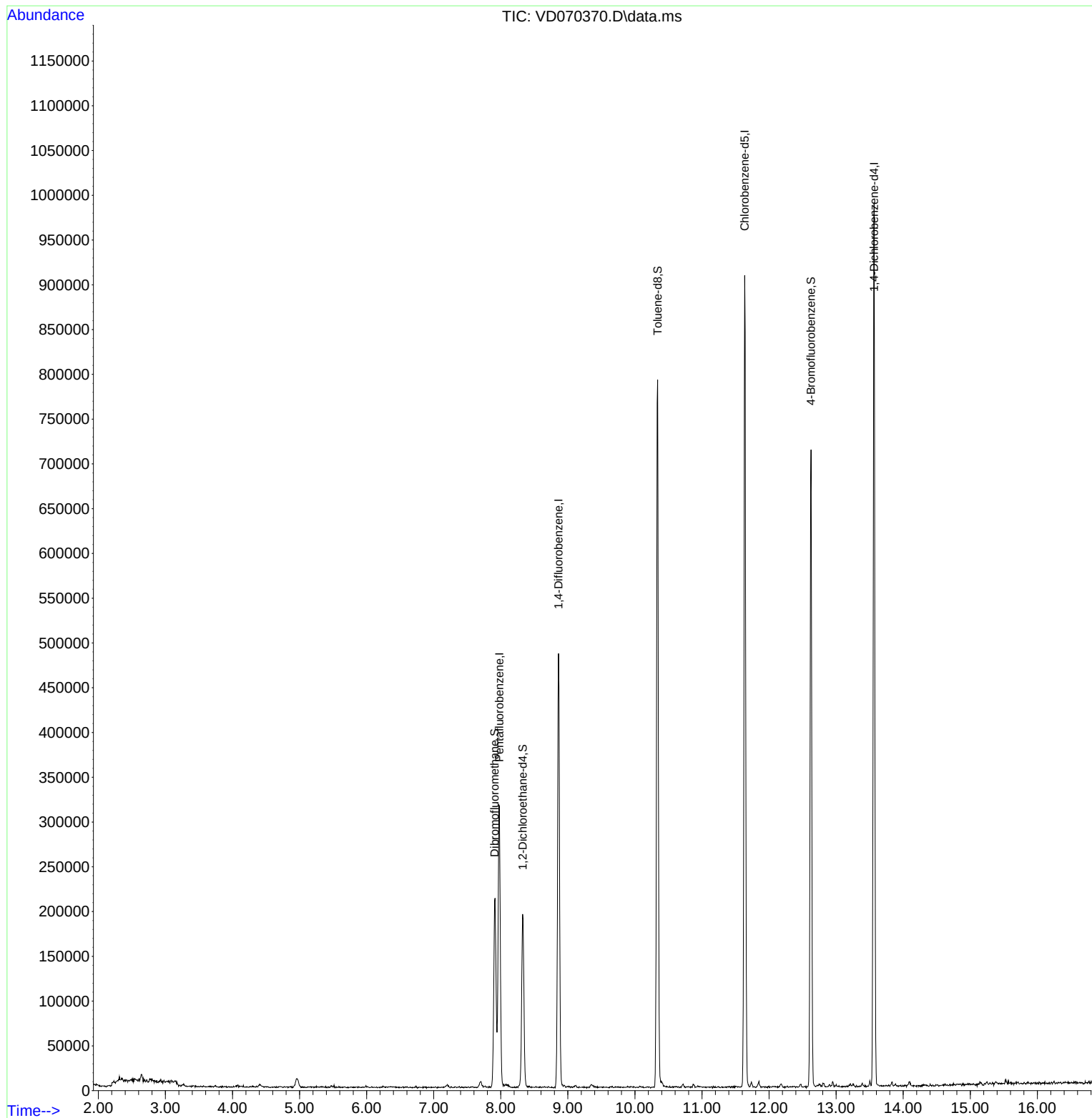
Target Compounds	Qvalue

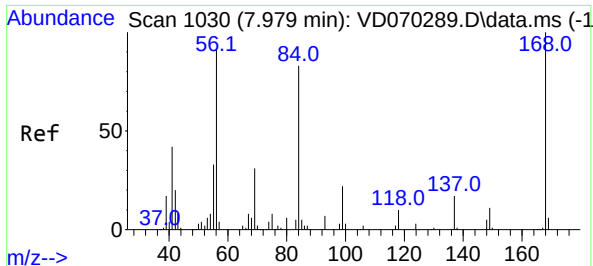
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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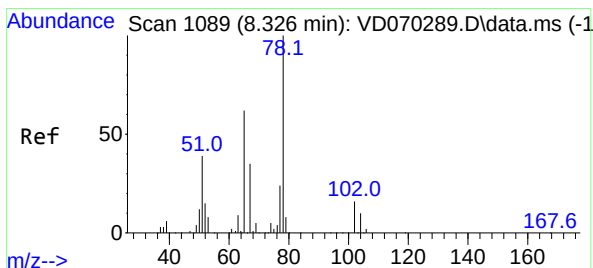
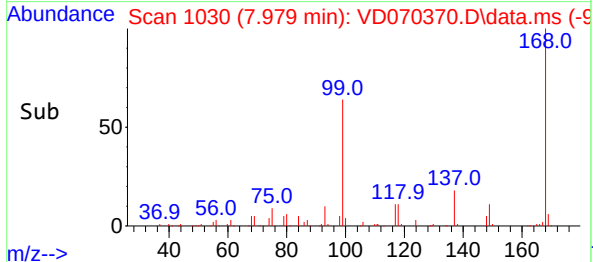
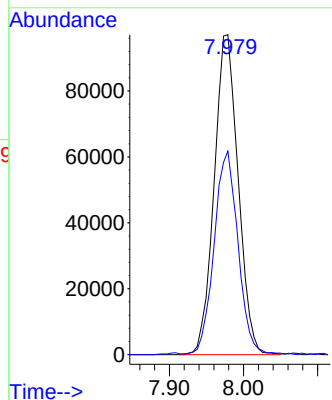
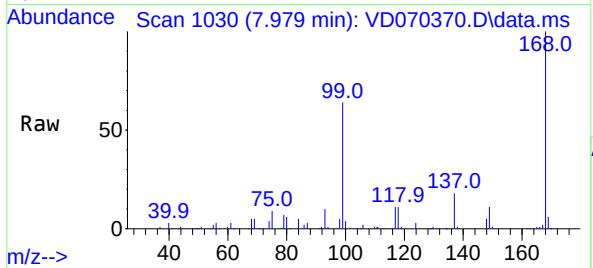




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070370.D
Acq: 15 Sep 2021 11:29

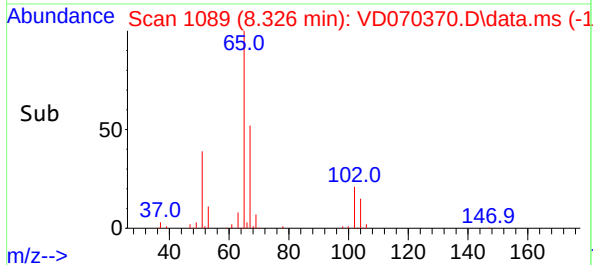
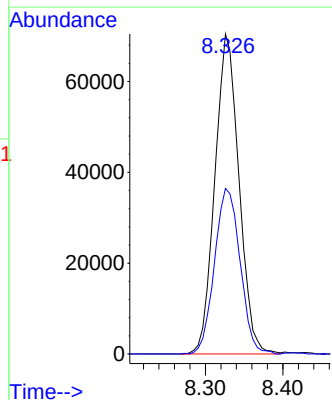
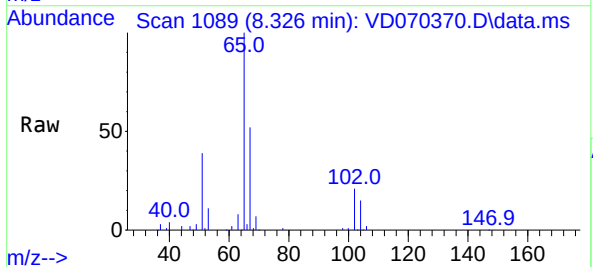
Instrument :
MSVOA_D
ClientSampleId :
BU-03-091321

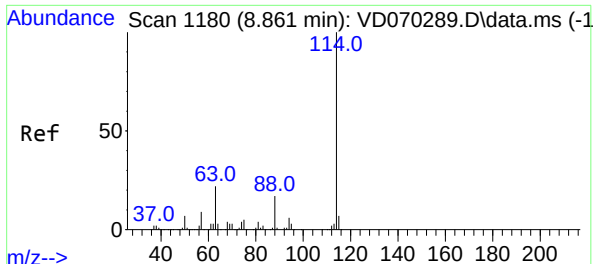
Tgt Ion:168 Resp: 218480
Ion Ratio Lower Upper
168 100
99 63.4 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 54.392 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070370.D
Acq: 15 Sep 2021 11:29

Tgt Ion: 65 Resp: 152589
Ion Ratio Lower Upper
65 100
67 54.9 0.0 111.4



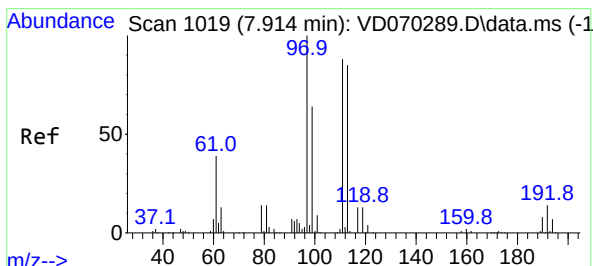
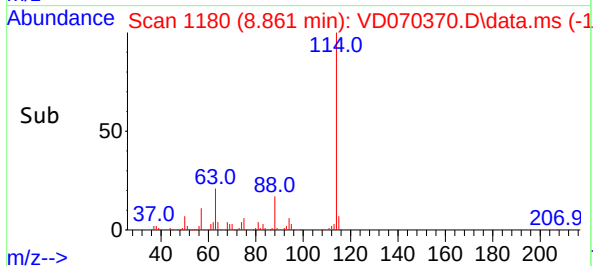
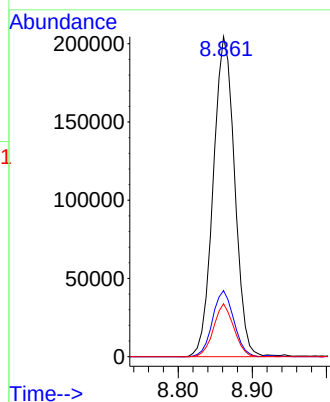
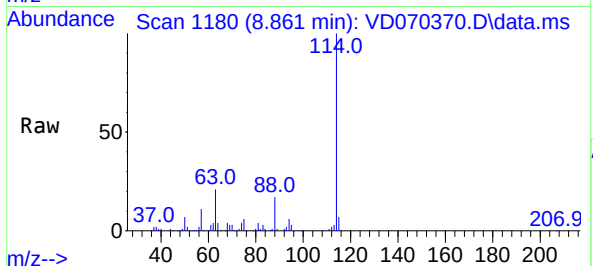


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070370.D
Acq: 15 Sep 2021 11:29

Instrument :
MSVOA_D
ClientSampleId :
BU-03-091321

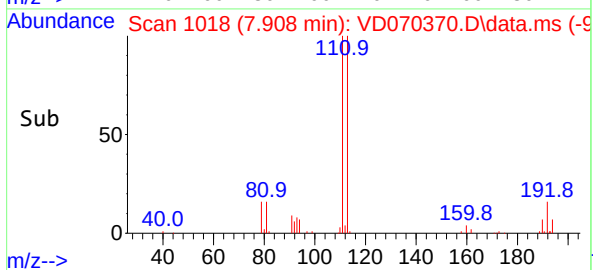
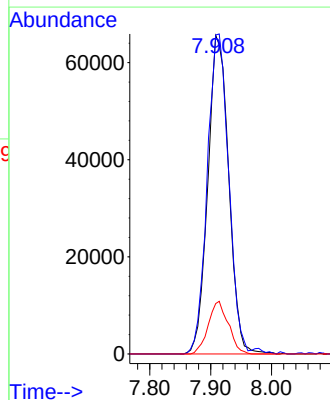
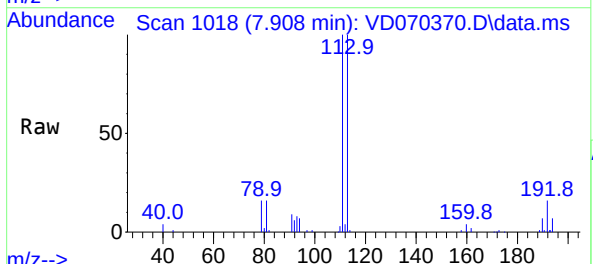
Tgt Ion:	114	Resp:	411127
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	43.4
88	16.5	0.0	33.4

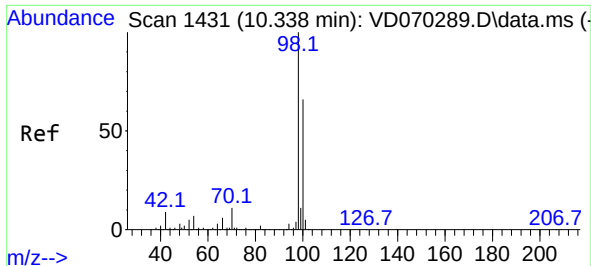


#35

Dibromofluoromethane
Concen: 53.497 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070370.D
Acq: 15 Sep 2021 11:29

Tgt Ion:	113	Resp:	156558
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.2
192	15.9	13.0	19.6

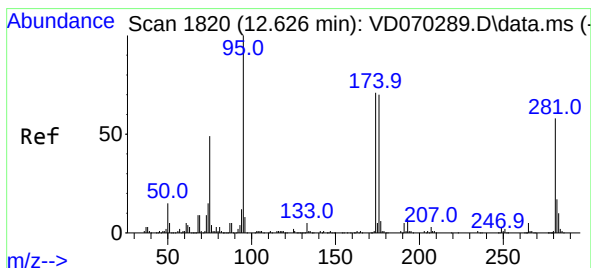
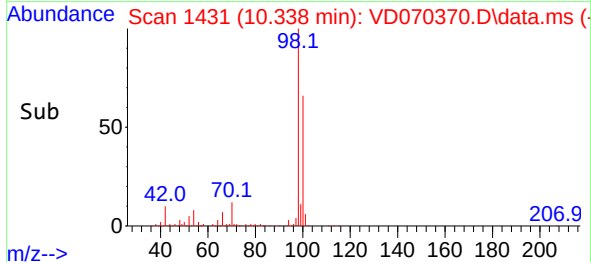
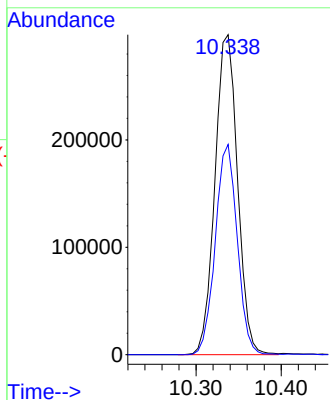
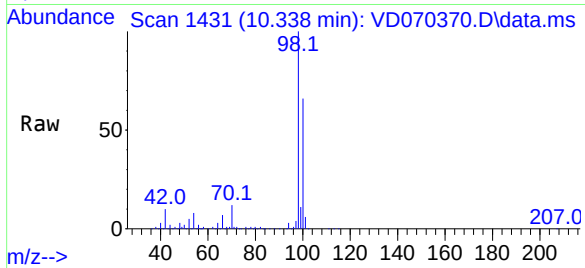




#50
Toluene-d8
Concen: 51.728 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070370.D
Acq: 15 Sep 2021 11:29

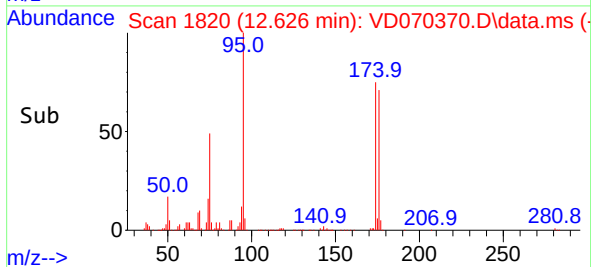
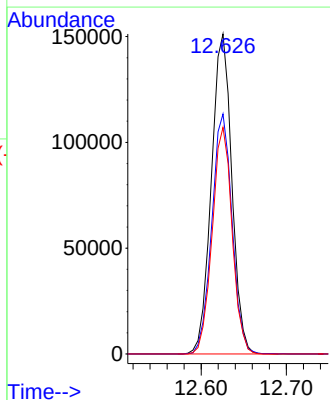
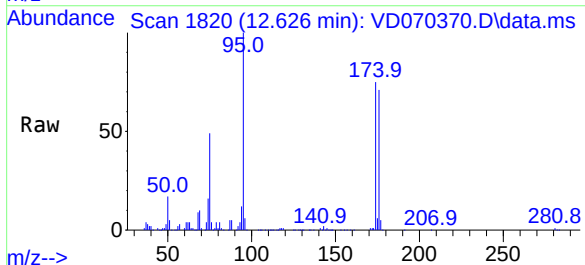
Instrument :
MSVOA_D
ClientSampleId :
BU-03-091321

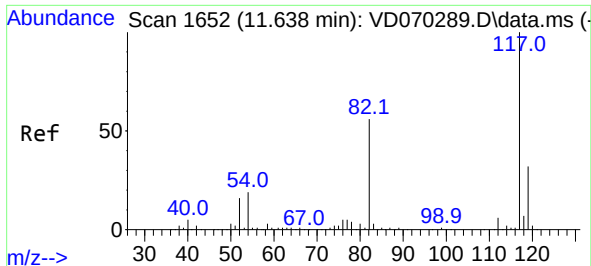
Tgt Ion: 98 Resp: 549618
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 67.660 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070370.D
Acq: 15 Sep 2021 11:29

Tgt Ion: 95 Resp: 251249
Ion Ratio Lower Upper
95 100
174 74.7 0.0 140.6
176 68.9 0.0 137.4



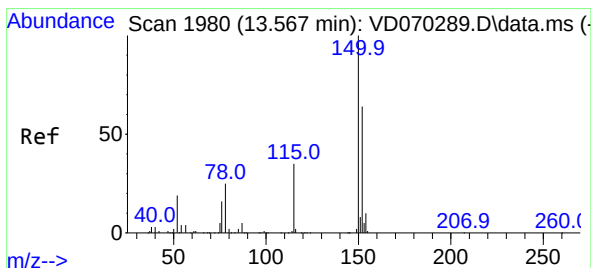
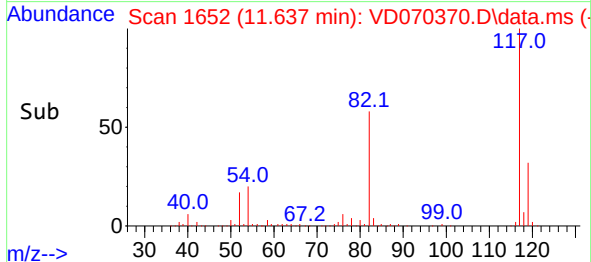
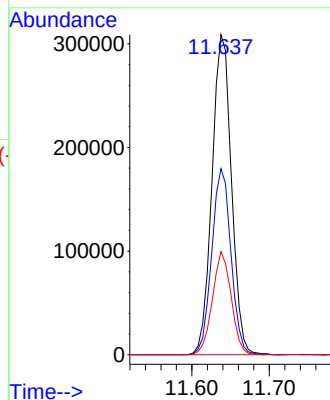
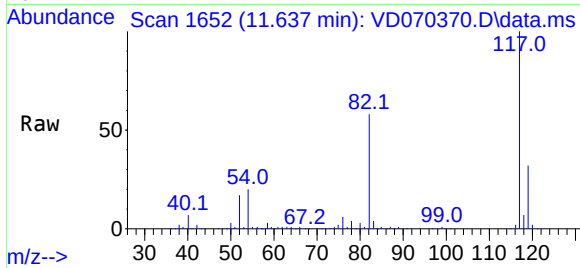


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070370.D
Acq: 15 Sep 2021 11:29

Instrument :
MSVOA_D
ClientSampleId :
BU-03-091321

Tgt Ion:117 Resp: 537553

Ion	Ratio	Lower	Upper
117	100		
82	58.1	45.0	67.4
119	32.2	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070370.D
Acq: 15 Sep 2021 11:29

Tgt Ion:152 Resp: 256556

Ion	Ratio	Lower	Upper
152	100		
115	62.9	32.1	96.3
150	158.0	0.0	350.6

