

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081121\
 Data File : VD070035.D
 Acq On : 11 Aug 2021 20:52
 Operator : VA/SY
 Sample : M3331-10
 Misc : 7.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BSY1-SB-14-0-1

Quant Time: Aug 12 05:33:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	202039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	395258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	420361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	170992	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	203005	87.365	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	174.740%#
35) Dibromofluoromethane	7.914	113	159866	64.159	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	128.320%
50) Toluene-d8	10.338	98	519282	54.048	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.100%
62) 4-Bromofluorobenzene	12.626	95	167111	52.044	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.080%

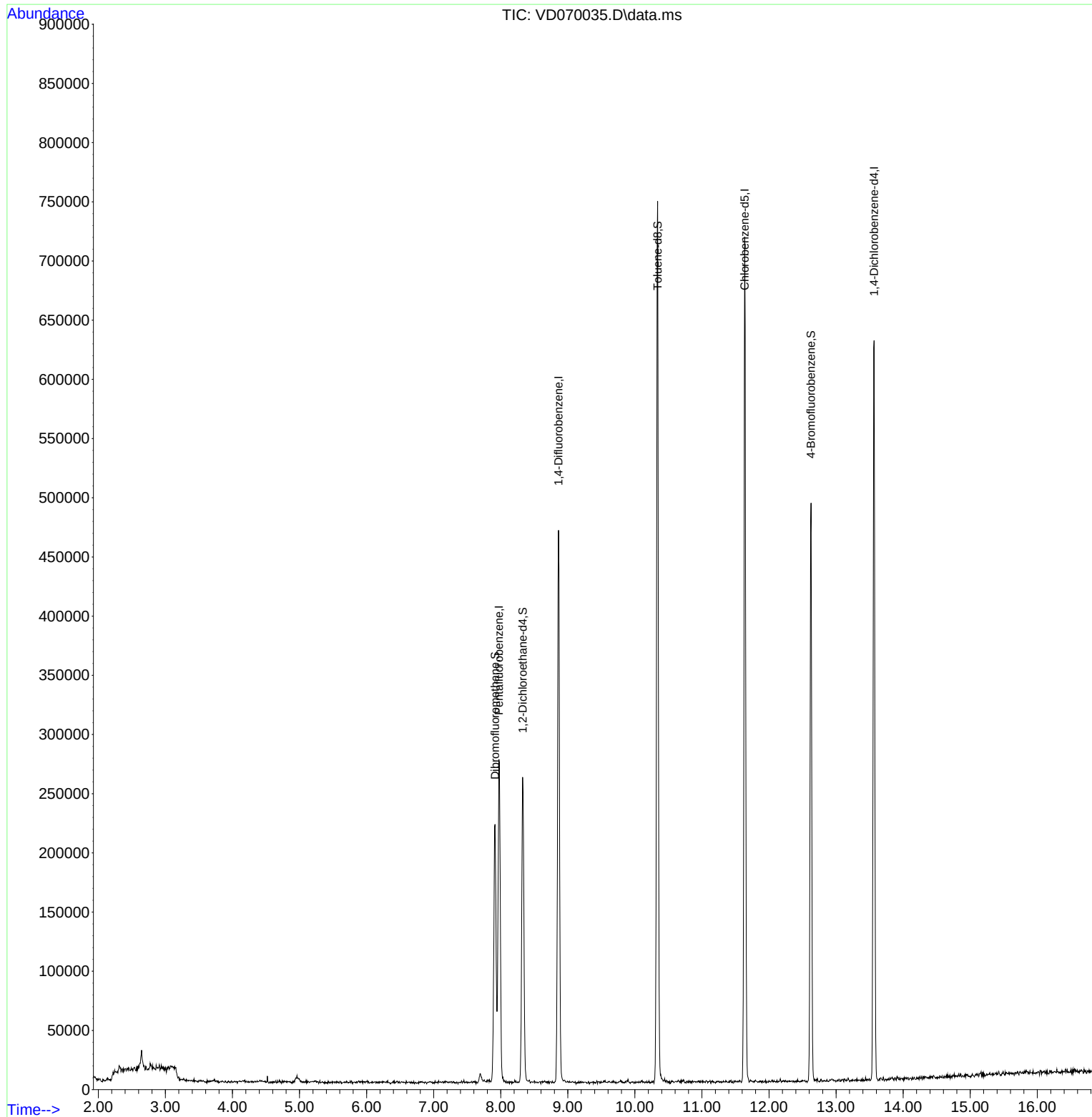
Target Compounds	Qvalue

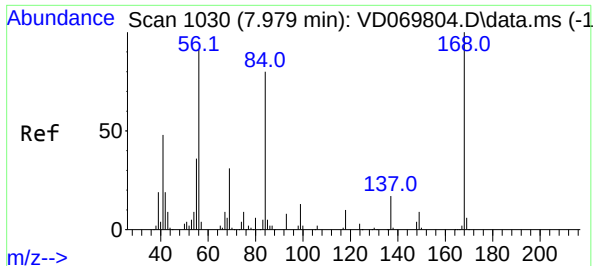
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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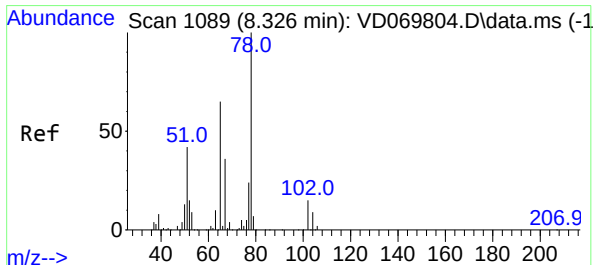
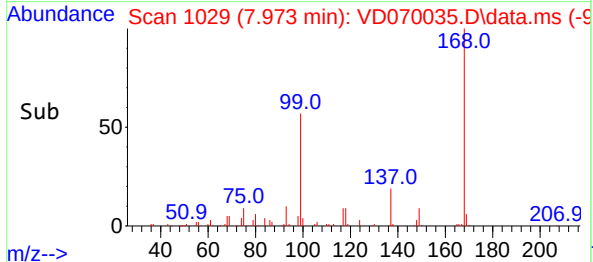
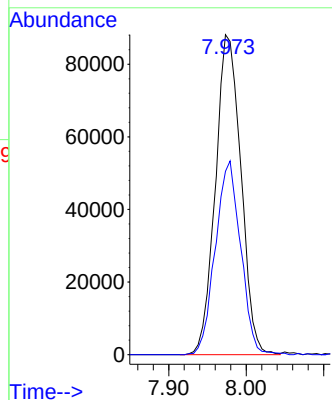
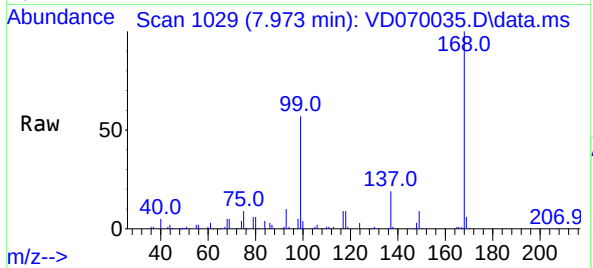




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

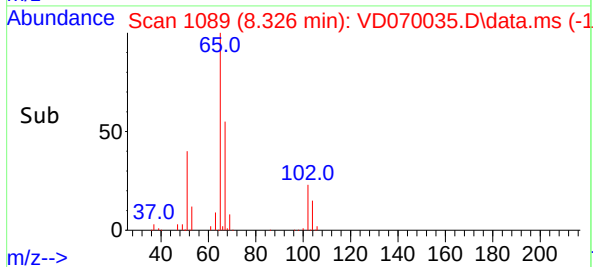
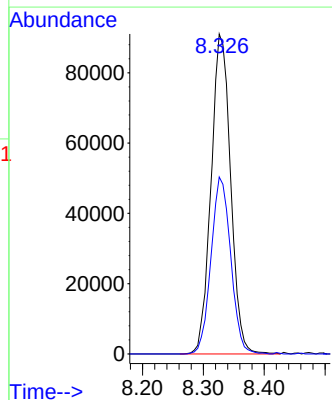
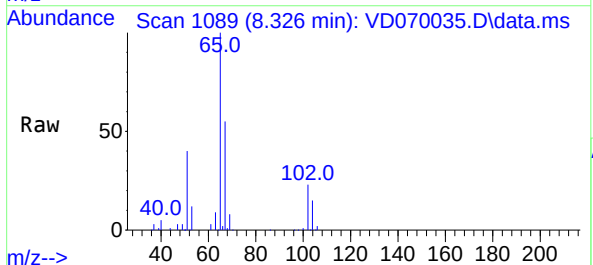
Instrument :
MSVOA_D
ClientSampleId :
BSY1-SB-14-0-1

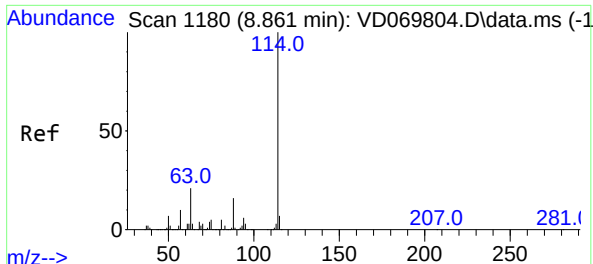
Tgt Ion:168 Resp: 202039
Ion Ratio Lower Upper
168 100
99 57.3 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 87.365 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

Tgt Ion: 65 Resp: 203005
Ion Ratio Lower Upper
65 100
67 55.7 0.0 111.2

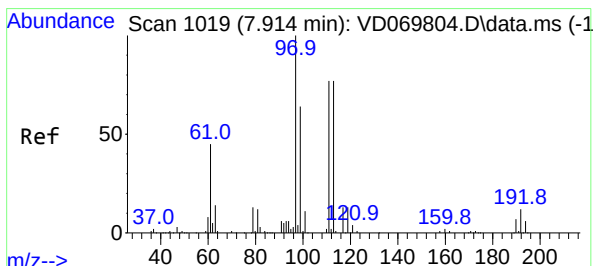
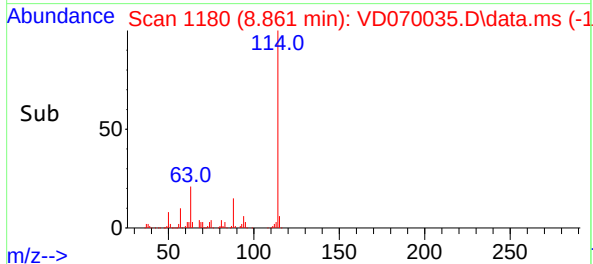
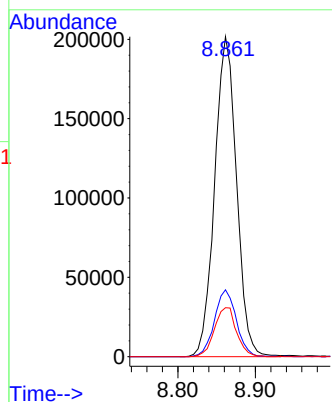
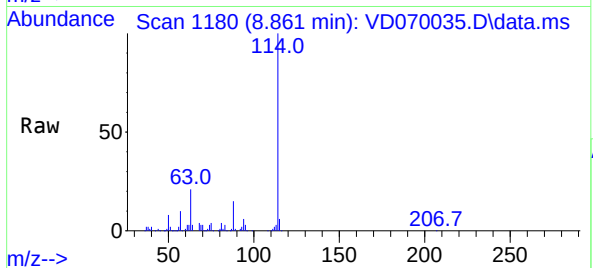




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

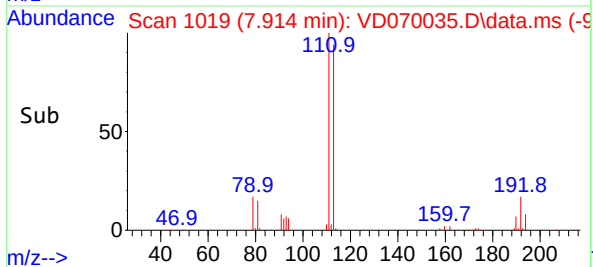
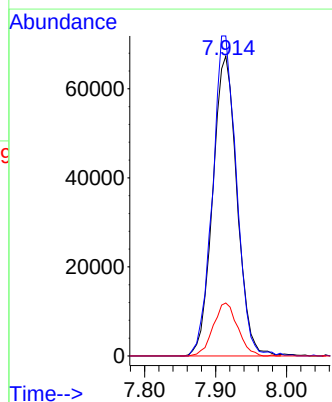
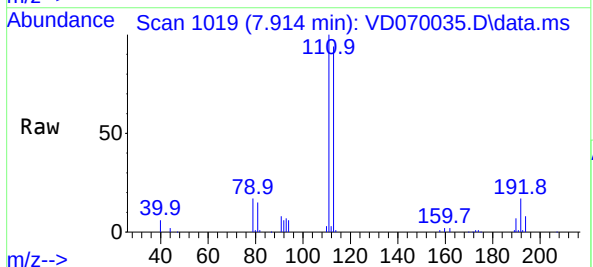
Instrument :
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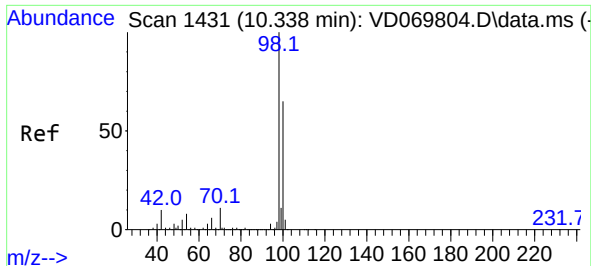
Tgt Ion:	114	Resp:	395258
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	41.6
88	15.3	0.0	31.4



#35
Dibromofluoromethane
Concen: 64.159 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

Tgt Ion:	113	Resp:	159866
Ion	Ratio	Lower	Upper
113	100		
111	105.0	80.5	120.7
192	17.7	12.6	19.0

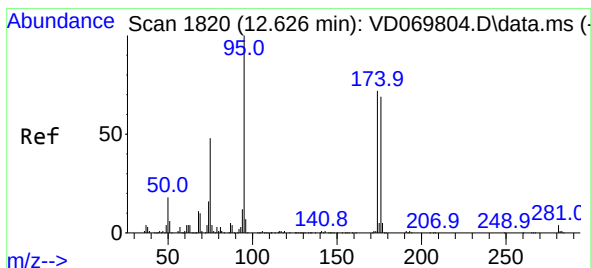
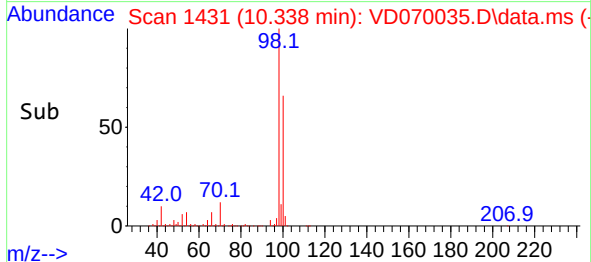
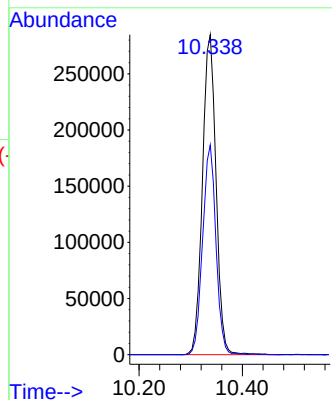
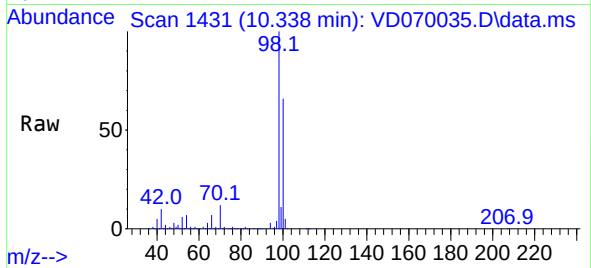




#50
Toluene-d8
Concen: 54.048 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

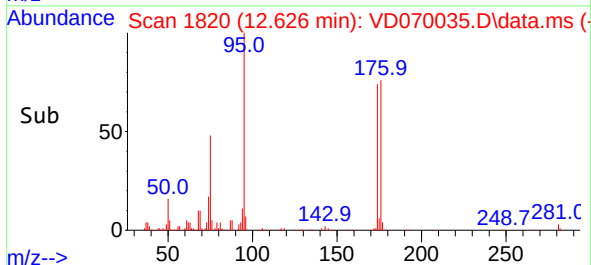
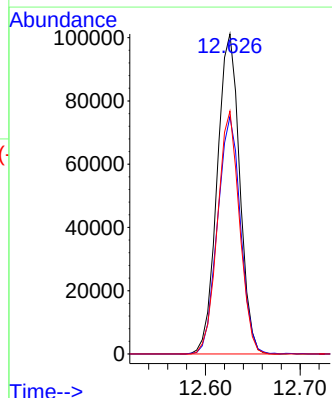
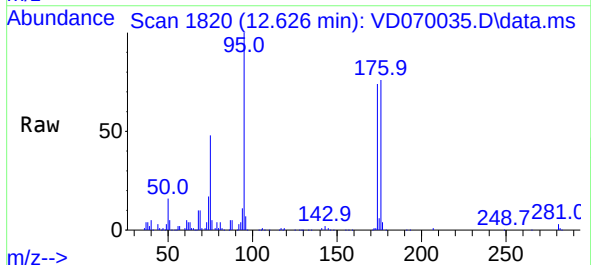
Instrument :
MSVOA_D
ClientSampleId :
BSY1-SB-14-0-1

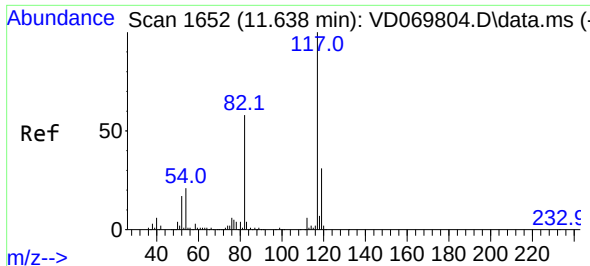
Tgt Ion: 98 Resp: 519282
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.044 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

Tgt Ion: 95 Resp: 167111
Ion Ratio Lower Upper
95 100
174 75.5 0.0 142.6
176 74.1 0.0 134.2

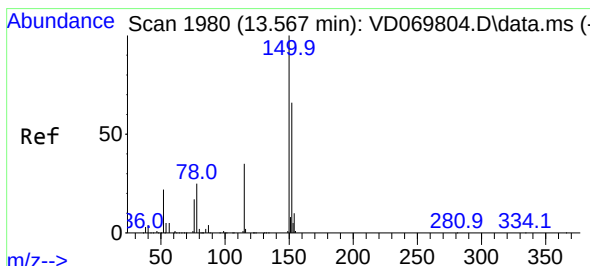
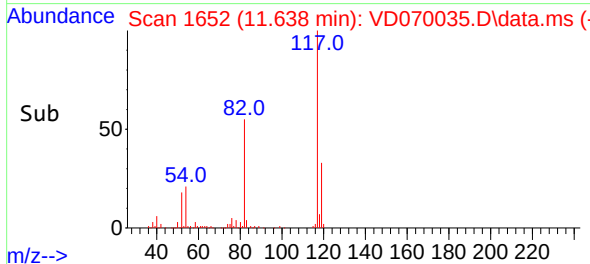
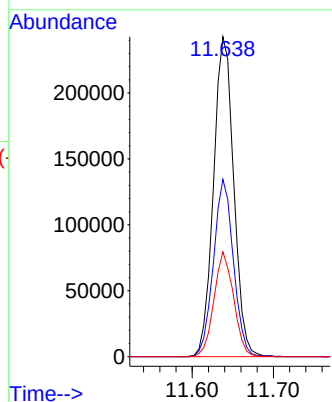
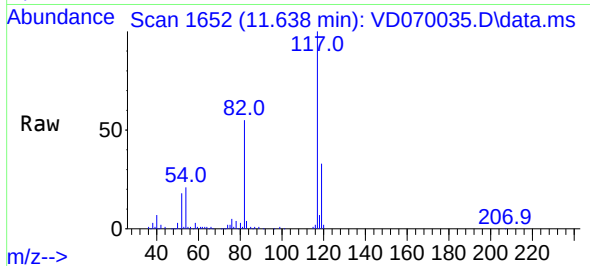




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

Instrument :
MSVOA_D
ClientSampleId :
BSY1-SB-14-0-1

Tgt Ion:	117	Resp:	420361
Ion	Ratio	Lower	Upper
117	100		
82	55.4	46.3	69.5
119	32.8	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

Tgt Ion:	152	Resp:	170992
Ion	Ratio	Lower	Upper
152	100		
115	61.7	31.1	93.3
150	161.4	0.0	343.0

