

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072338.D
 Acq On : 21 Mar 2022 14:13
 Operator : VA/SY
 Sample : N1949-06
 Misc : 3.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-BH1-031422-5-6-DUP

Quant Time: Mar 22 02:11:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	15933	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	23834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	29620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	13377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	11927	67.170	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.340%	
35) Dibromofluoromethane	7.914	113	10726	63.951	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.900%	
50) Toluene-d8	10.332	98	29963	48.857	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.720%	
62) 4-Bromofluorobenzene	12.620	95	13212	55.445	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.880%	

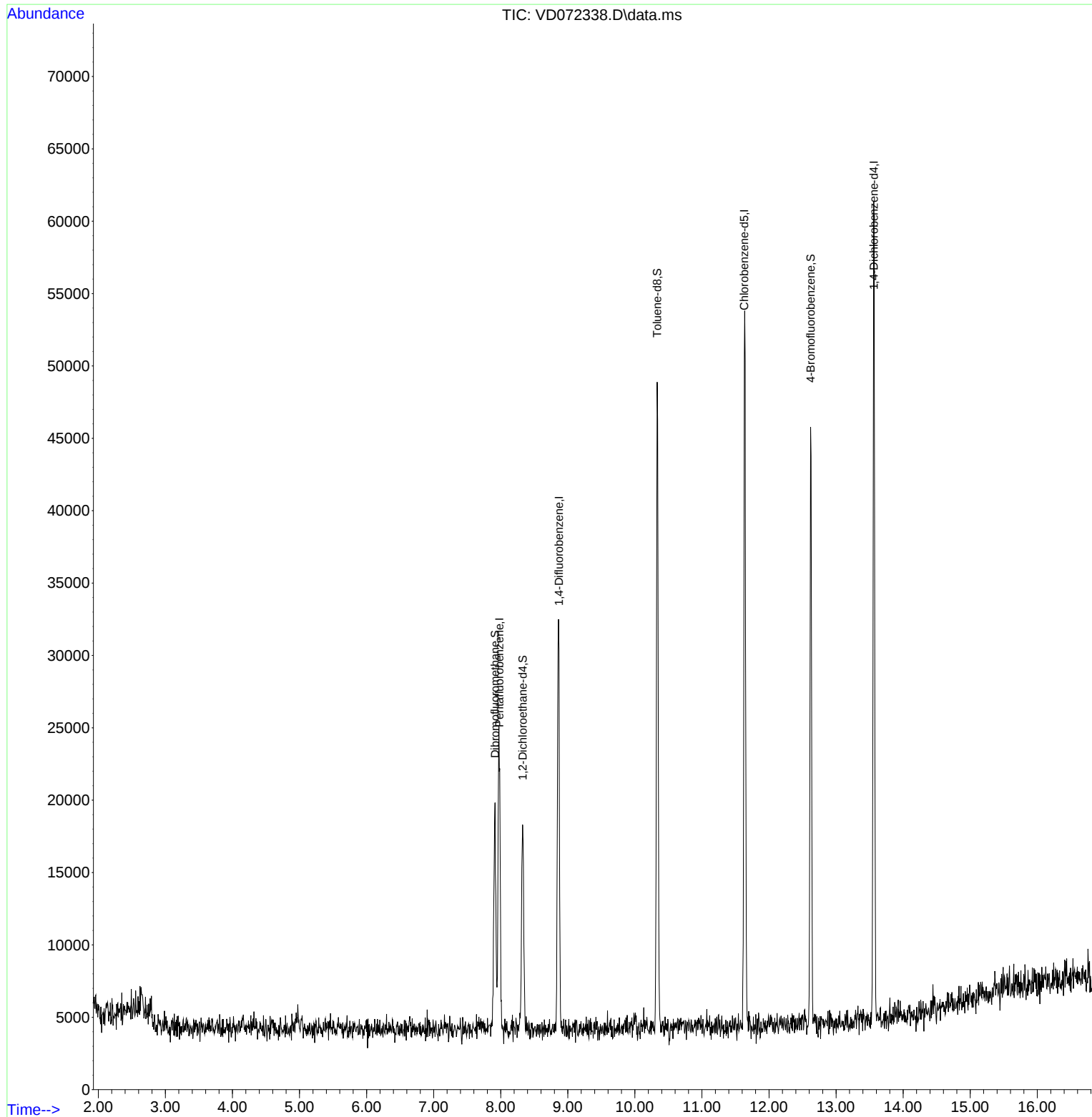
Target Compounds	Qvalue

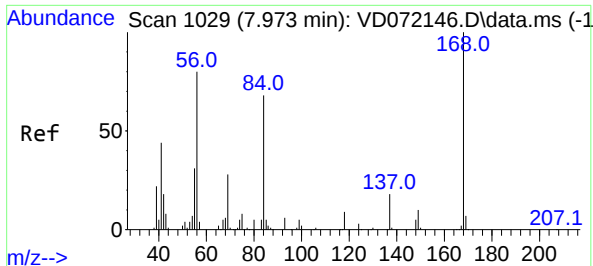
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD072338.D

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Instrument :

MSVOA_D

ClientSampleId :

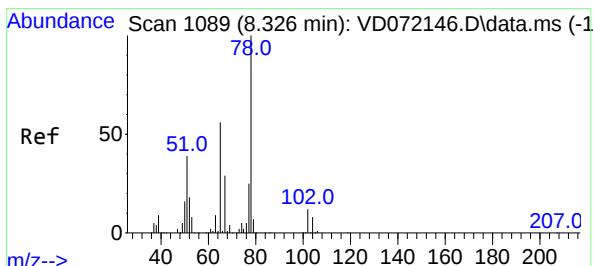
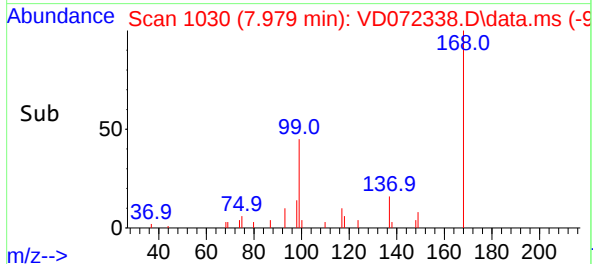
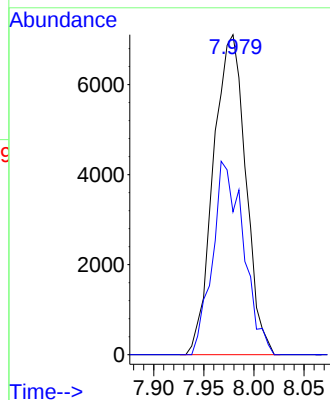
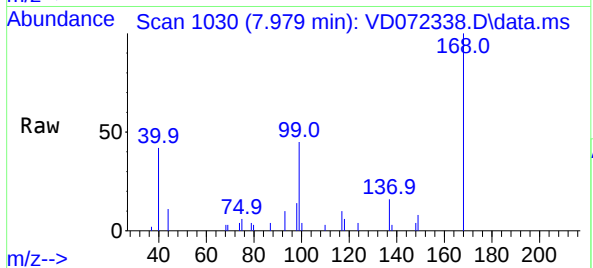
CP-BH1-031422-5-6-DUP

Tgt Ion:168 Resp: 15933

Ion Ratio Lower Upper

168 100

99 44.7 49.8 74.6#



1,2-Dichloroethane-d4

Concen: 67.170 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072338.D

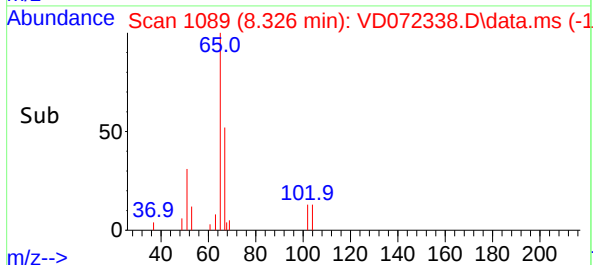
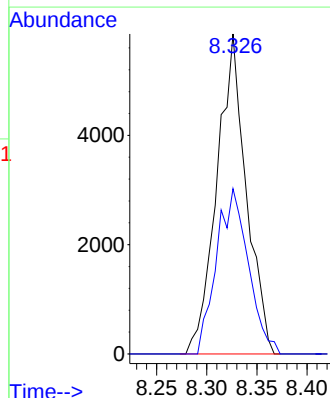
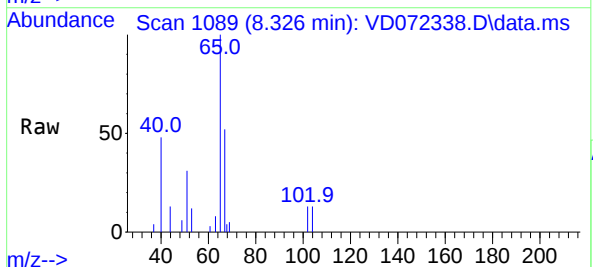
Acq: 21 Mar 2022 14:13

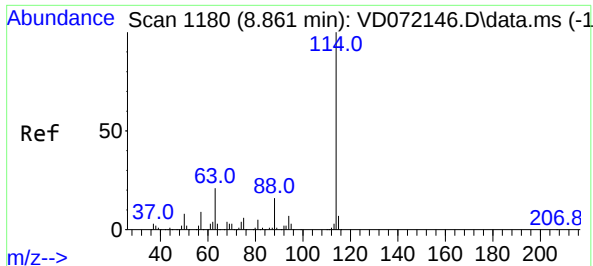
Tgt Ion: 65 Resp: 11927

Ion Ratio Lower Upper

65 100

67 55.8 0.0 101.4

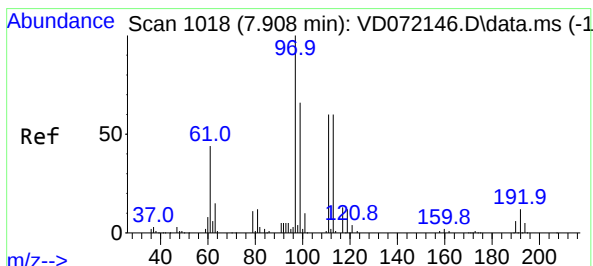
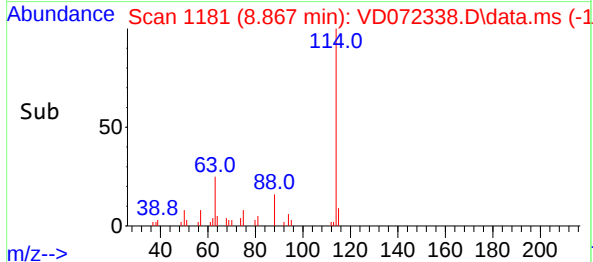
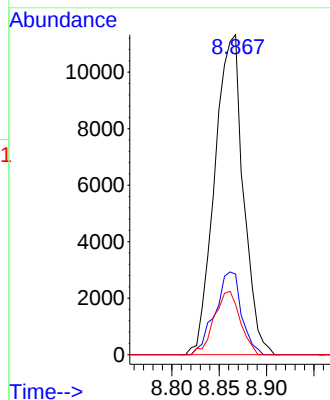
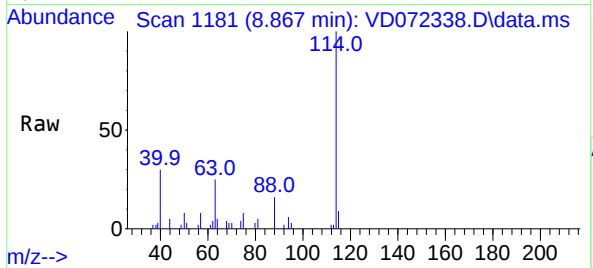




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VD072338.D
Acq: 21 Mar 2022 14:13

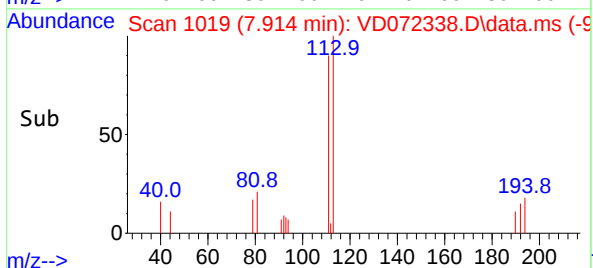
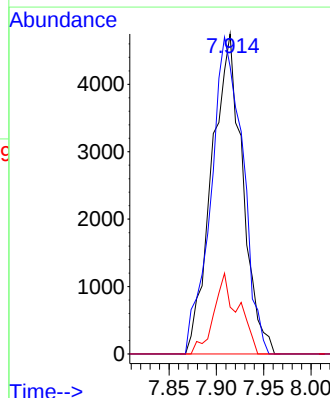
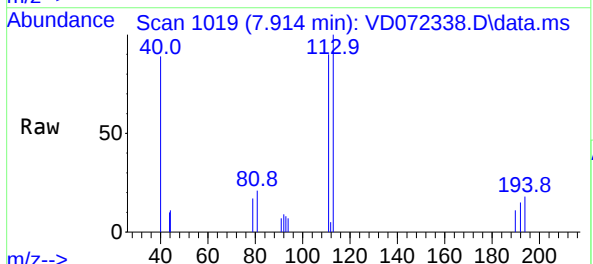
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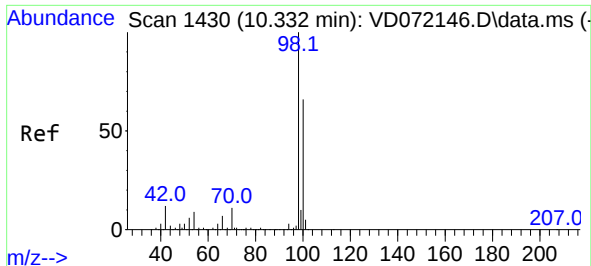
Tgt Ion:	114	Resp:	23834
Ion Ratio	Lower	Upper	
114	100		
63	25.2	0.0	46.6
88	15.7	0.0	33.2



#35
Dibromofluoromethane
Concen: 63.951 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072338.D
Acq: 21 Mar 2022 14:13

Tgt Ion:	113	Resp:	10726
Ion Ratio	Lower	Upper	
113	100		
111	102.9	83.8	125.6
192	20.0	14.6	21.8

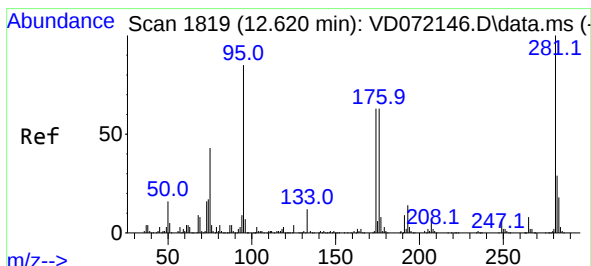
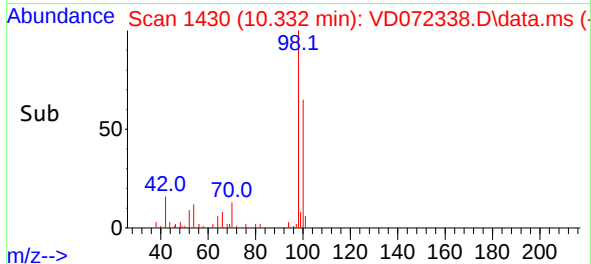
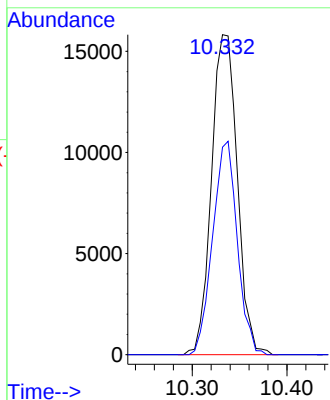
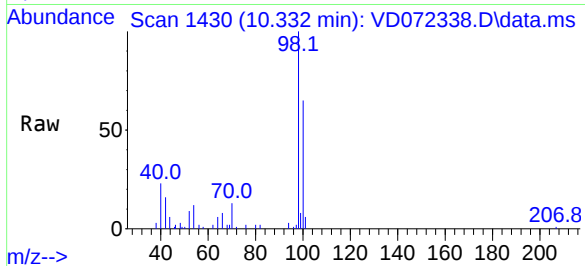




#50
Toluene-d8
Concen: 48.857 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072338.D
Acq: 21 Mar 2022 14:13

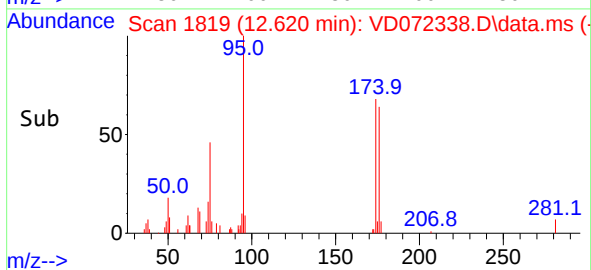
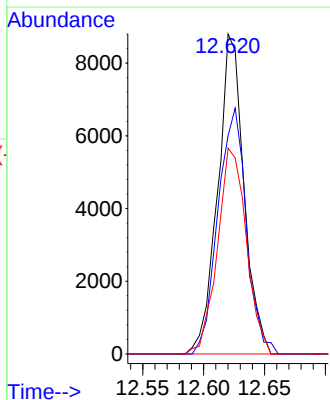
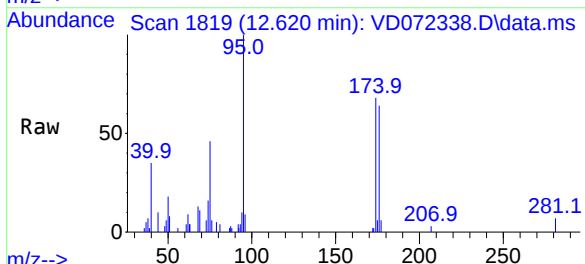
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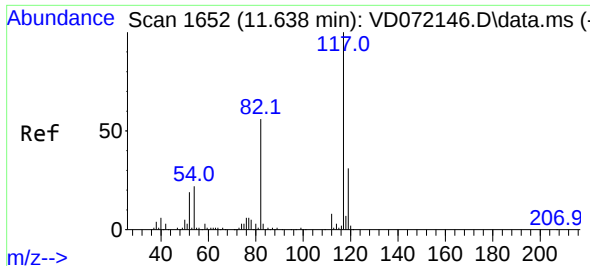
Tgt Ion: 98 Resp: 29963
Ion Ratio Lower Upper
98 100
100 63.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.445 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072338.D
Acq: 21 Mar 2022 14:13

Tgt Ion: 95 Resp: 13212
Ion Ratio Lower Upper
95 100
174 82.5 0.0 152.8
176 70.5 0.0 145.4

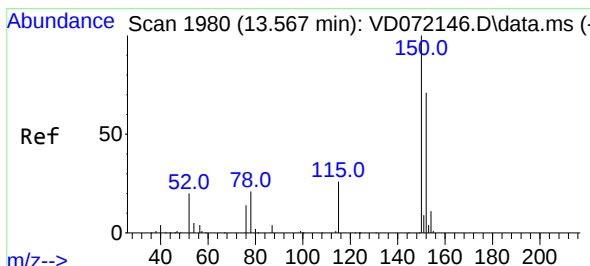
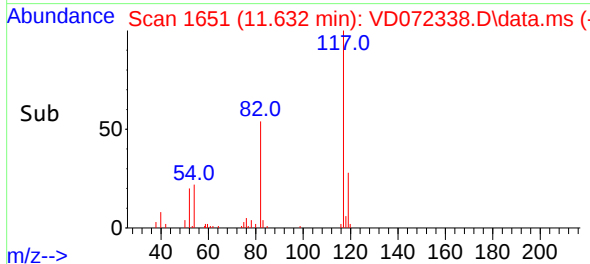
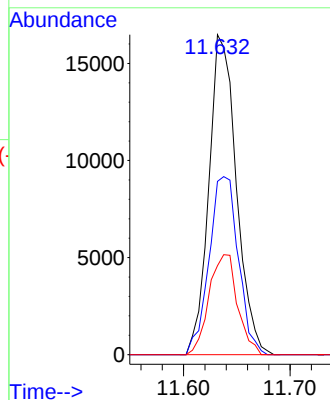
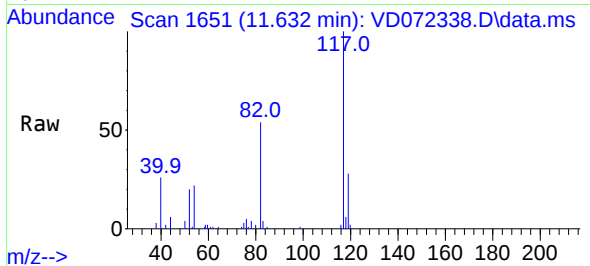




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072338.D
Acq: 21 Mar 2022 14:13

Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-5-6-DUP

Tgt Ion:	117	Resp:	29620
Ion	Ratio	Lower	Upper
117	100		
82	54.2	45.3	67.9
119	27.8	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072338.D
Acq: 21 Mar 2022 14:13

Tgt Ion:	152	Resp:	13377
Ion	Ratio	Lower	Upper
152	100		
115	66.7	31.3	93.8
150	174.6	0.0	348.6

