

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072343.D
 Acq On : 21 Mar 2022 16:36
 Operator : VA/SY
 Sample : N1970-13RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G-4-3-6-7RE

Quant Time: Mar 22 02:12:38 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	1286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	2586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	2851	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	860	60.007	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.020%	
35) Dibromofluoromethane	7.909	113	1050	57.699	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.400%	
50) Toluene-d8	10.338	98	3297	49.549	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.100%	
62) 4-Bromofluorobenzene	12.626	95	806	31.174	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 62.340%	

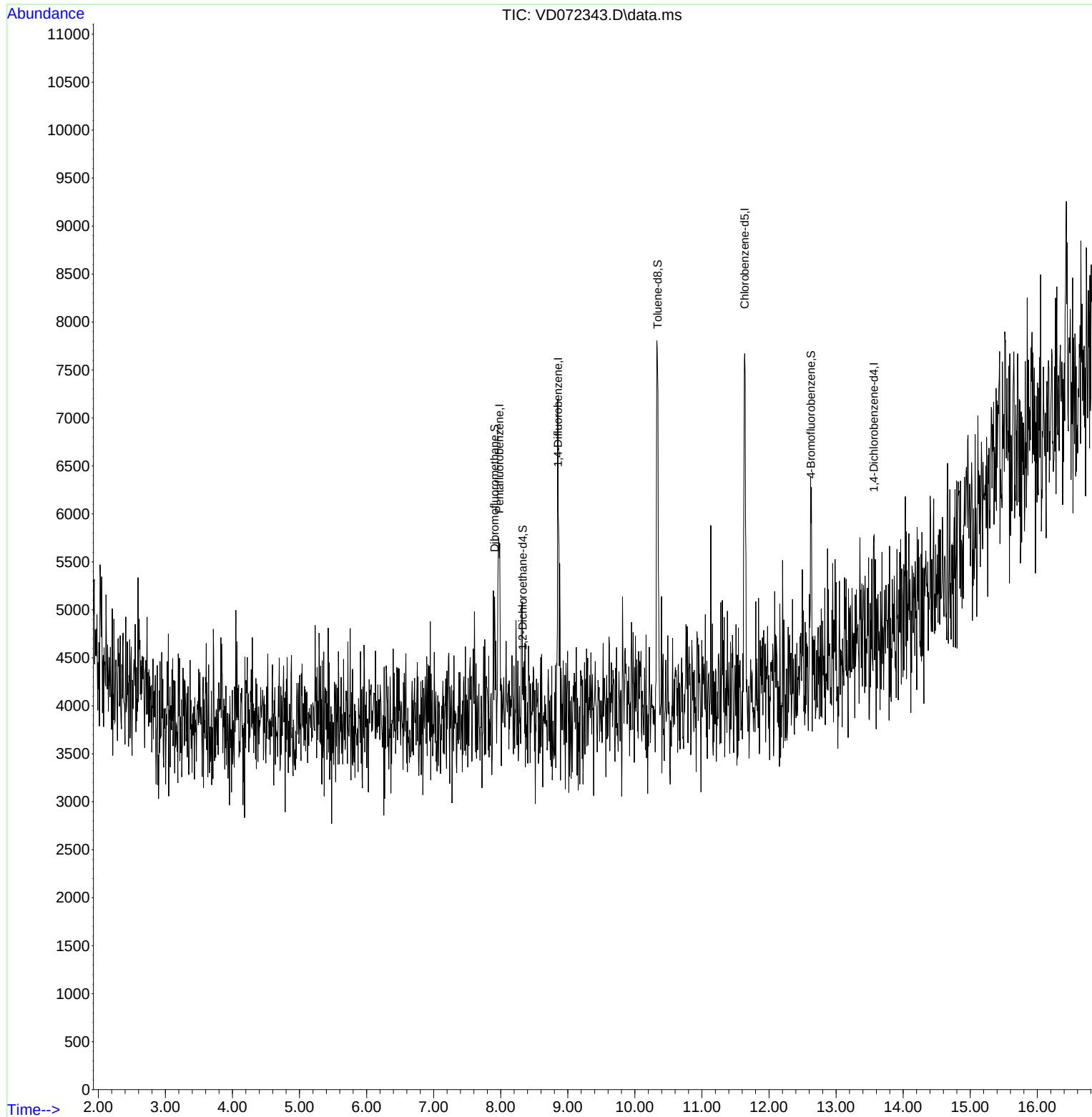
Target Compounds	Qvalue

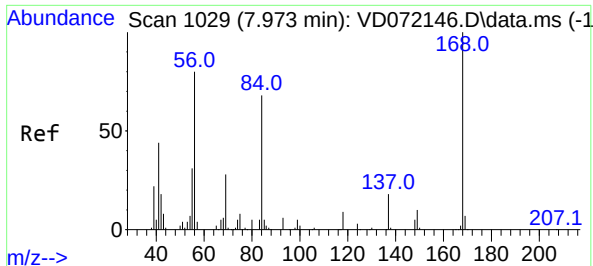
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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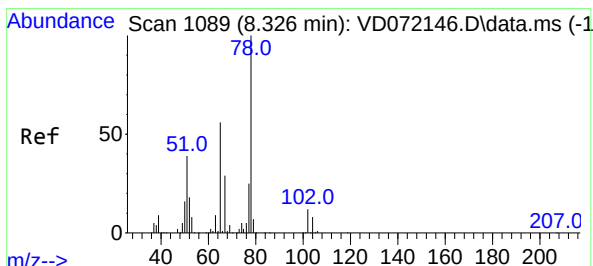
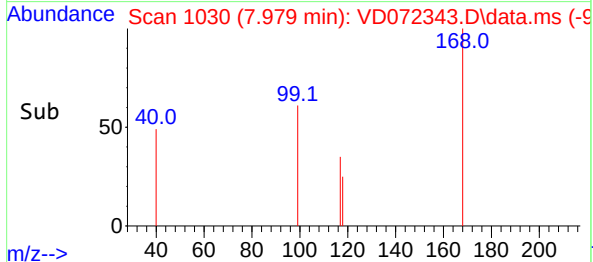
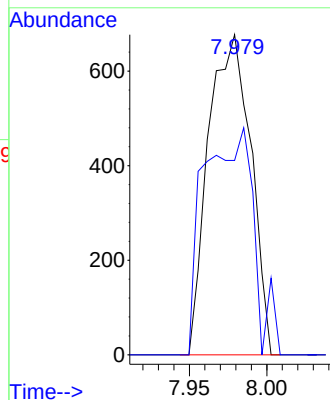
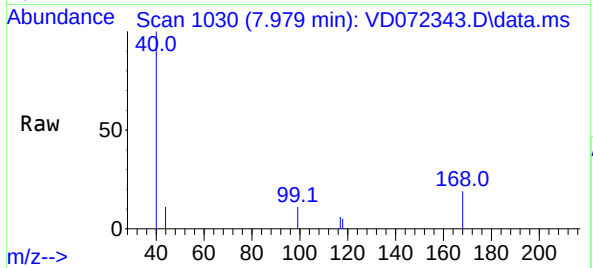




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072343.D
Acq: 21 Mar 2022 16:36

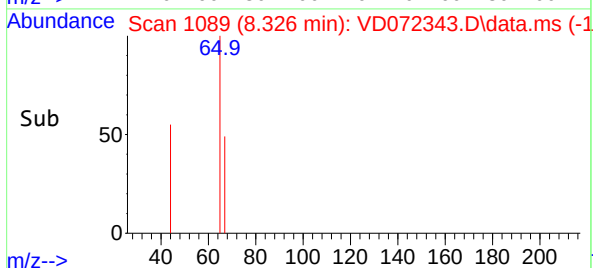
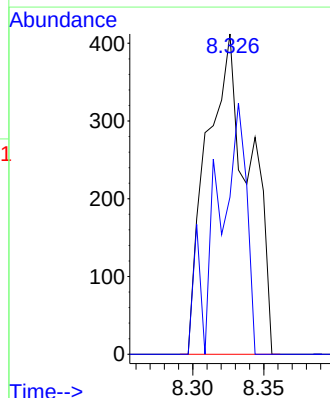
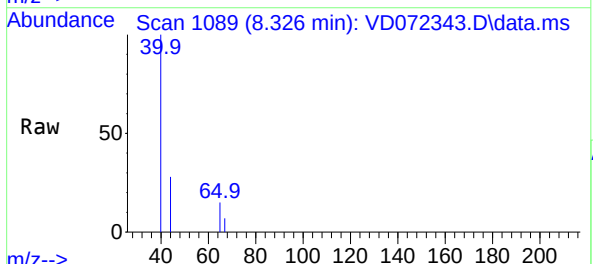
Instrument :
MSVOA_D
ClientSampleId :
G-4-3-6-7RE

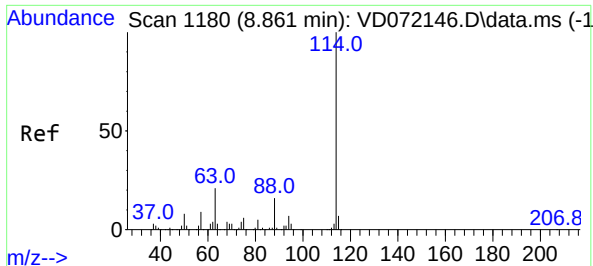
Tgt Ion:168 Resp: 1286
Ion Ratio Lower Upper
168 100
99 60.7 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 60.007 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072343.D
Acq: 21 Mar 2022 16:36

Tgt Ion: 65 Resp: 860
Ion Ratio Lower Upper
65 100
67 54.0 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD072343.D

Acq: 21 Mar 2022 16:36

Instrument :

MSVOA_D

ClientSampleId :

G-4-3-6-7RE

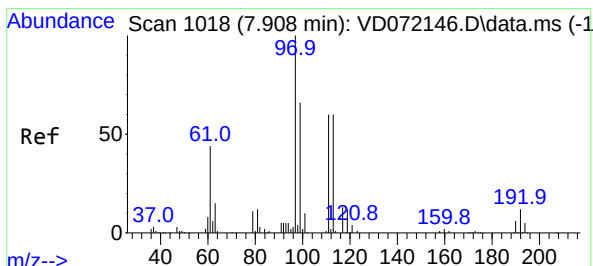
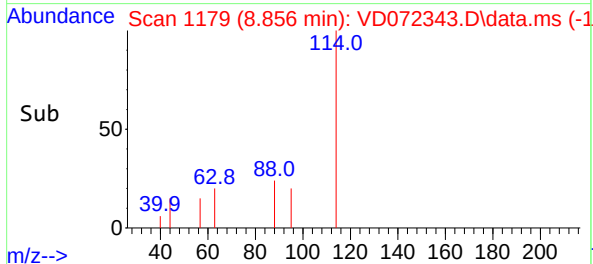
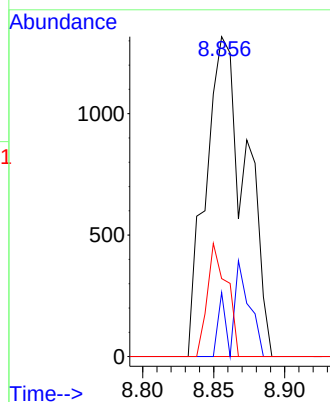
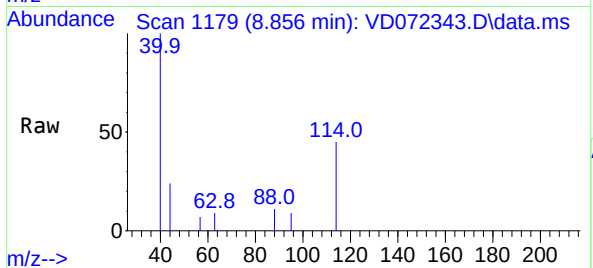
Tgt Ion:114 Resp: 2586

Ion Ratio Lower Upper

114 100

63 20.0 0.0 46.6

88 24.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 57.699 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072343.D

Acq: 21 Mar 2022 16:36

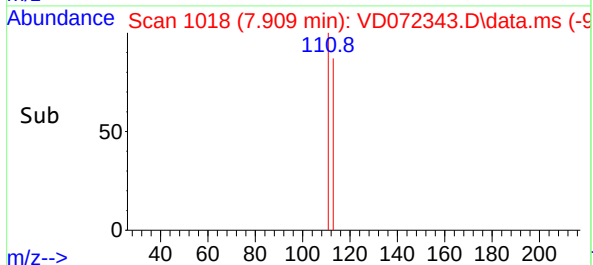
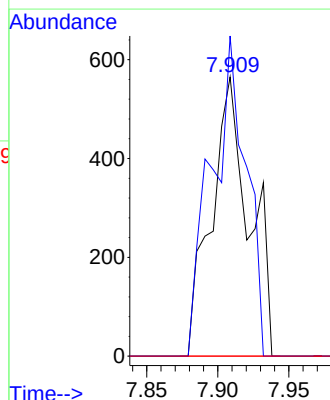
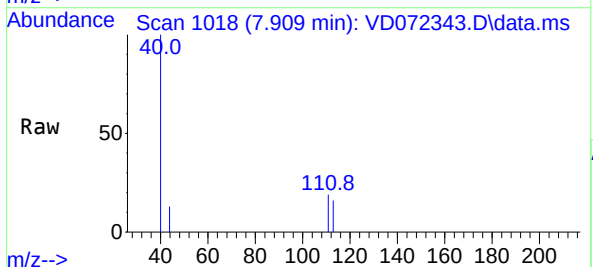
Tgt Ion:113 Resp: 1050

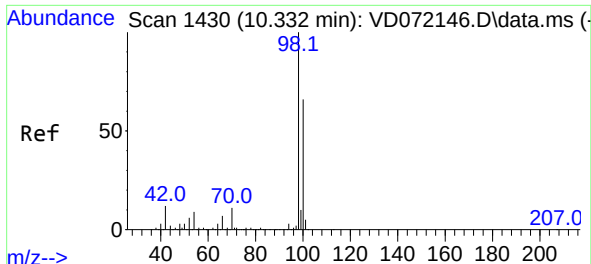
Ion Ratio Lower Upper

113 100

111 105.2 83.8 125.6

192 0.0 14.6 21.8#

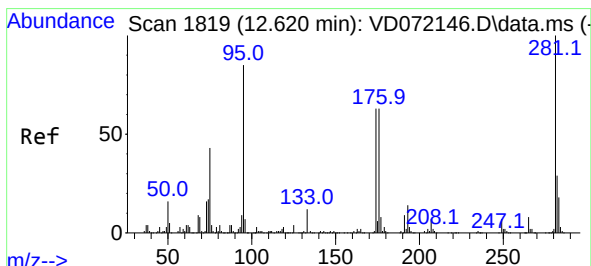
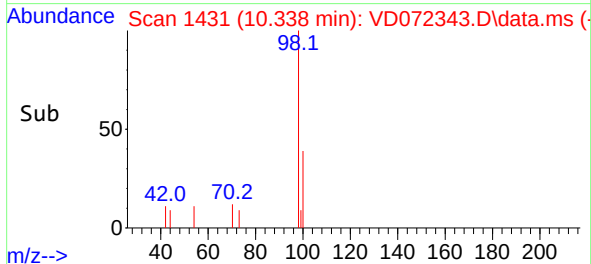
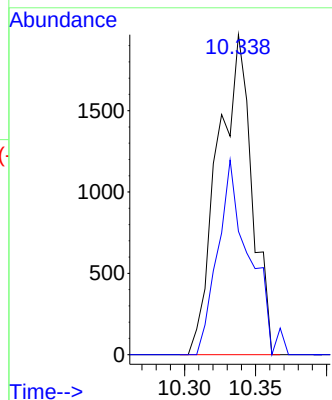
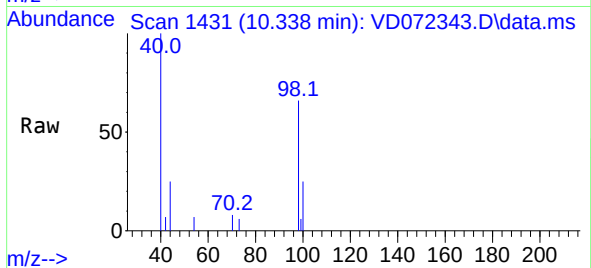




#50
Toluene-d8
Concen: 49.549 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072343.D
Acq: 21 Mar 2022 16:36

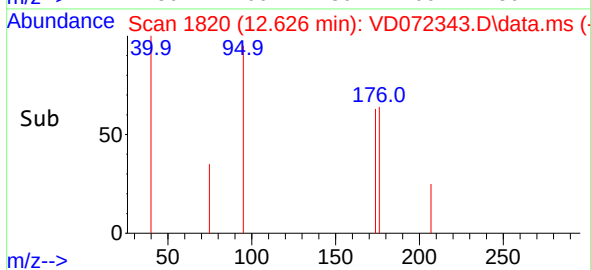
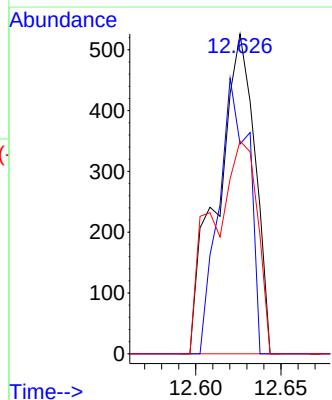
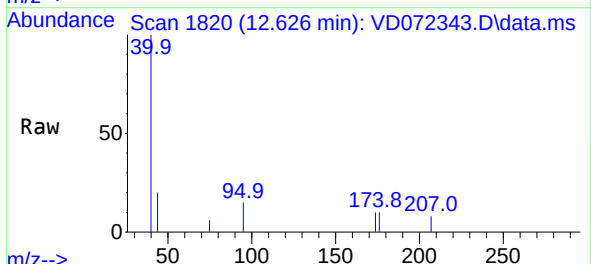
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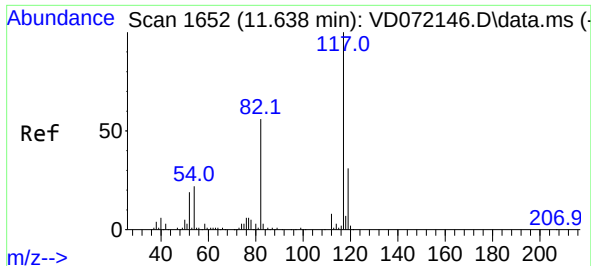
Tgt Ion: 98 Resp: 3297
Ion Ratio Lower Upper
98 100
100 56.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 31.174 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072343.D
Acq: 21 Mar 2022 16:36

Tgt Ion: 95 Resp: 806
Ion Ratio Lower Upper
95 100
174 68.7 0.0 152.8
176 79.4 0.0 145.4

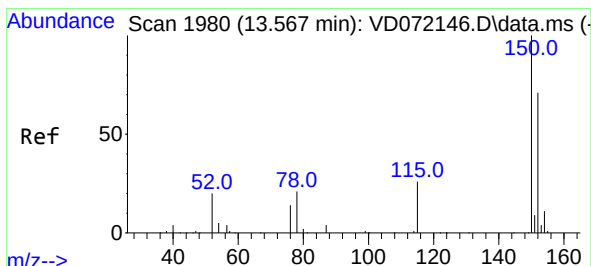
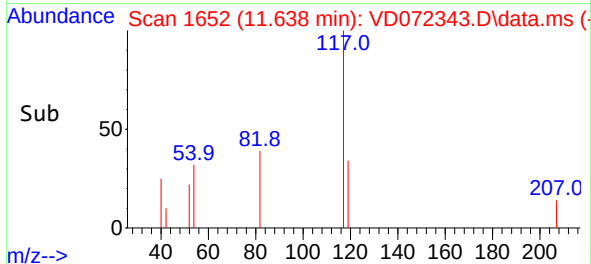
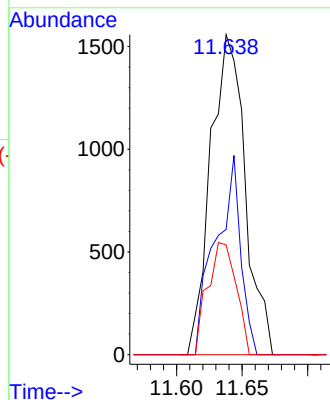
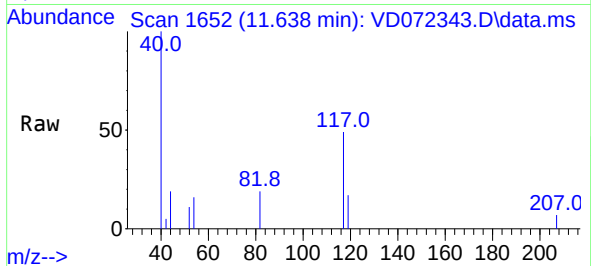




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072343.D
Acq: 21 Mar 2022 16:36

Instrument :
MSVOA_D
ClientSampleId :
G-4-3-6-7RE

Tgt Ion:	117	Resp:	2851
Ion Ratio	Lower	Upper	
117	100		
82	39.2	45.3	67.9#
119	34.3	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: VD072343.D
Acq: 21 Mar 2022 16:36

Tgt Ion:	152	Resp:	202
Ion Ratio	Lower	Upper	
152	100		
115	31.7	31.3	93.8
150	221.3	0.0	348.6

