

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110921\
 Data File : VD070954.D
 Acq On : 09 Nov 2021 17:16
 Operator : VA/SY
 Sample : M4556-01RE
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-110521RE

Quant Time: Nov 10 03:57:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	37106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	67398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	65968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	31274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	25618	64.844	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.680%
35) Dibromofluoromethane	7.914	113	18517	48.689	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.380%
50) Toluene-d8	10.332	98	83774	56.247	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.500%
62) 4-Bromofluorobenzene	12.620	95	33318	62.129	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	124.260%

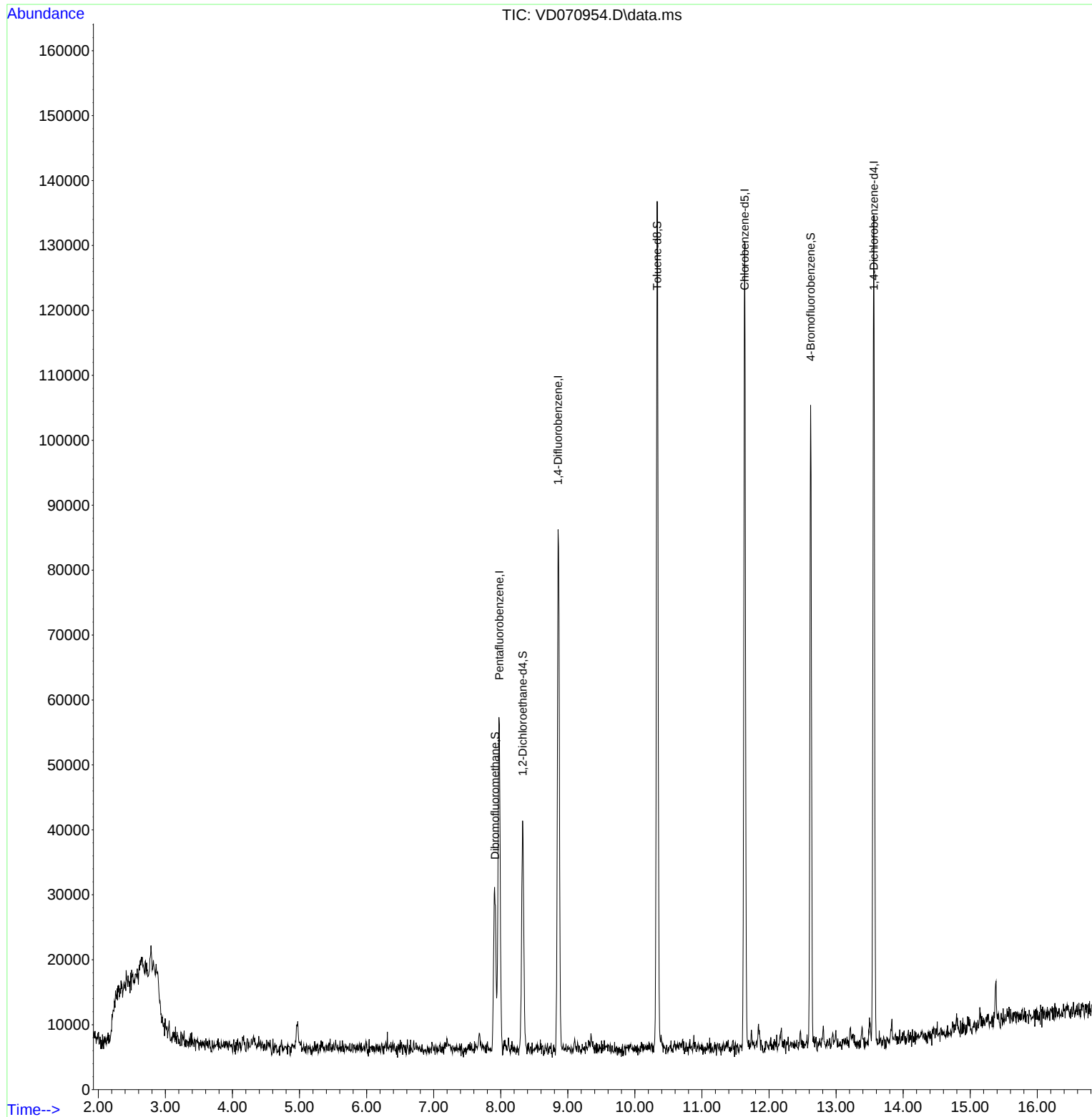
Target Compounds	Qvalue

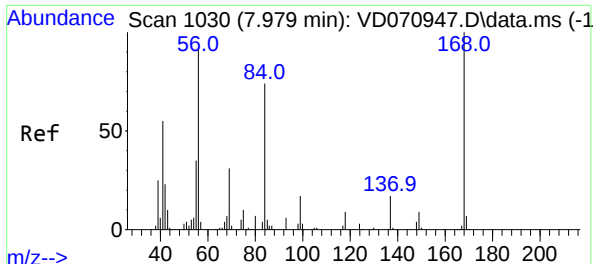
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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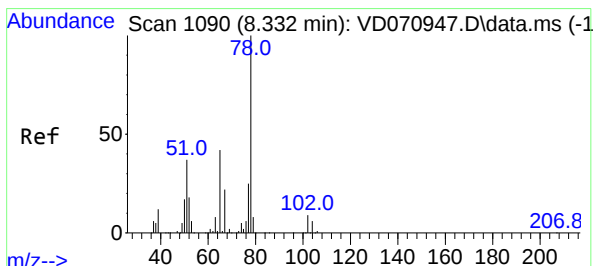
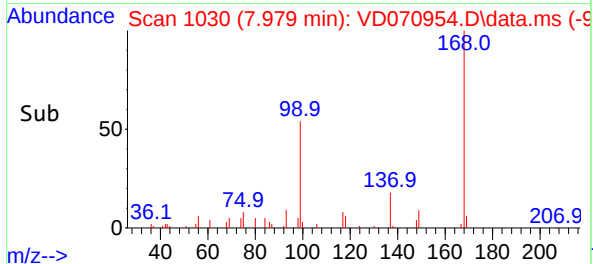
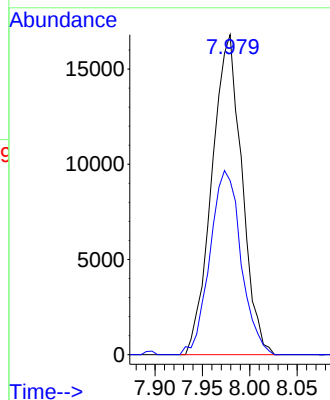
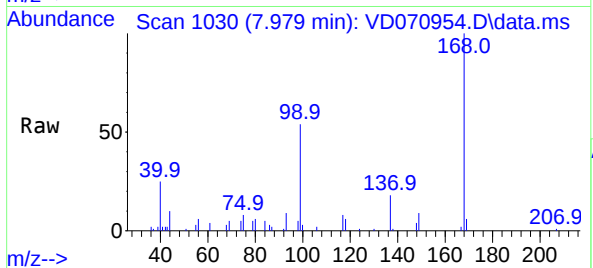




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070954.D
Acq: 09 Nov 2021 17:16

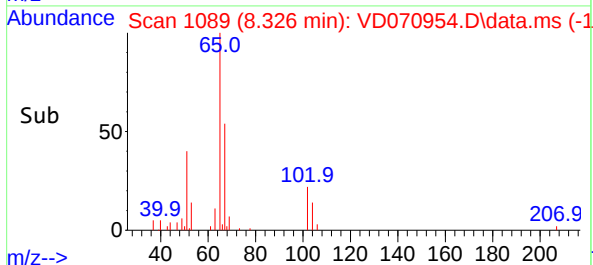
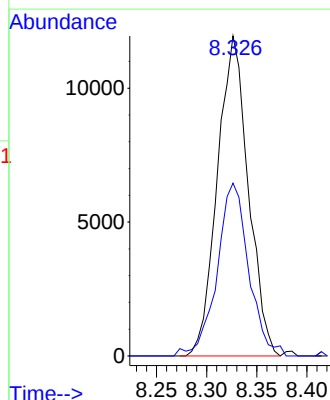
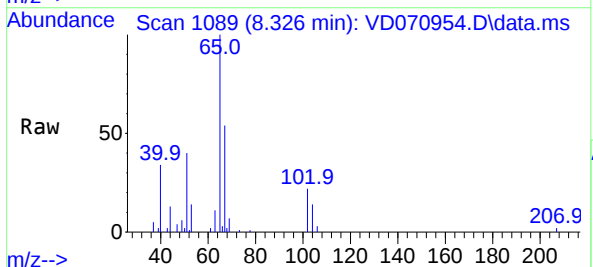
Instrument :
MSVOA_D
ClientSampleId :
OR-02-110521RE

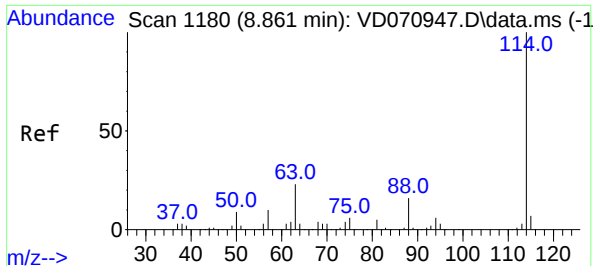
Tgt Ion:168 Resp: 37106
Ion Ratio Lower Upper
168 100
99 54.4 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 64.844 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070954.D
Acq: 09 Nov 2021 17:16

Tgt Ion: 65 Resp: 25618
Ion Ratio Lower Upper
65 100
67 55.2 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD070954.D

Acq: 09 Nov 2021 17:16

Instrument :

MSVOA_D

ClientSampleId :

OR-02-110521RE

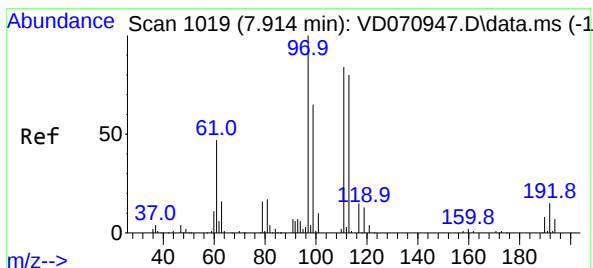
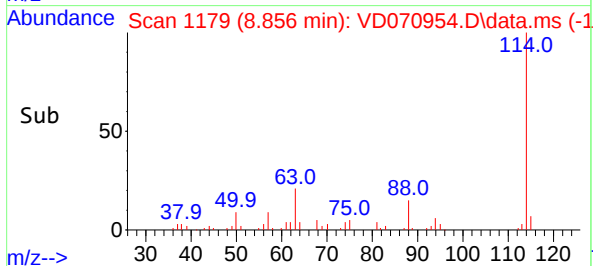
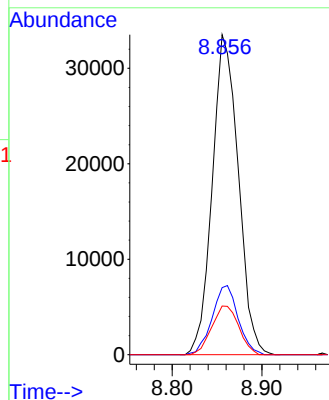
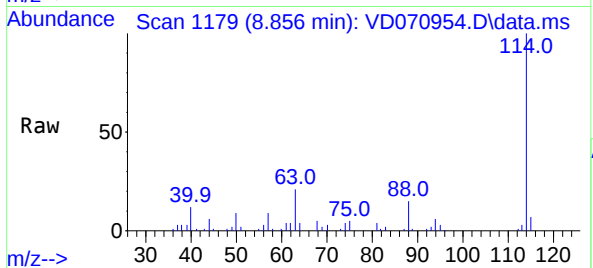
Tgt Ion:114 Resp: 67398

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.8

88 15.2 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.689 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070954.D

Acq: 09 Nov 2021 17:16

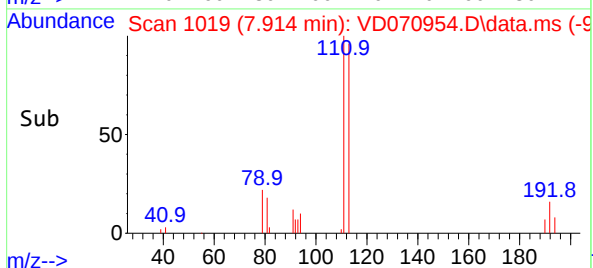
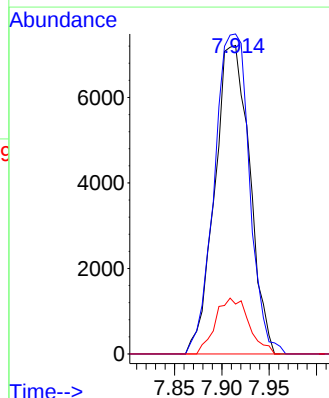
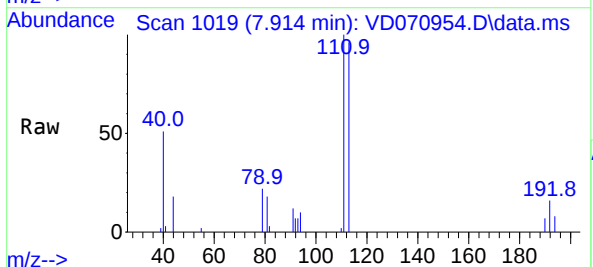
Tgt Ion:113 Resp: 18517

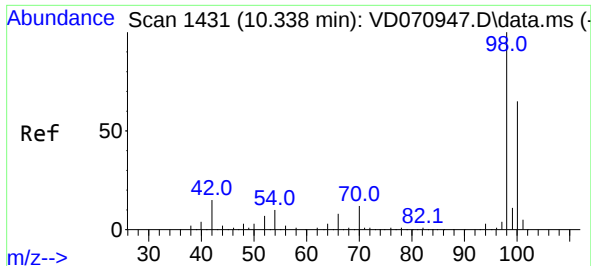
Ion Ratio Lower Upper

113 100

111 104.1 82.0 123.0

192 17.3 15.2 22.8

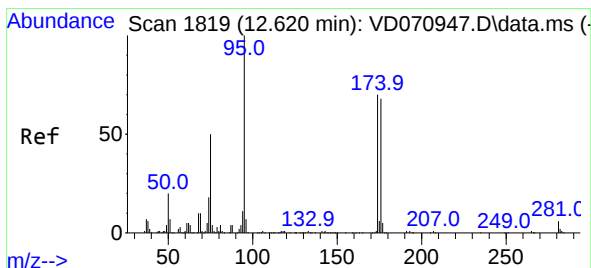
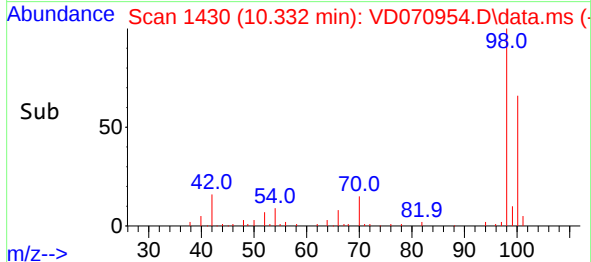
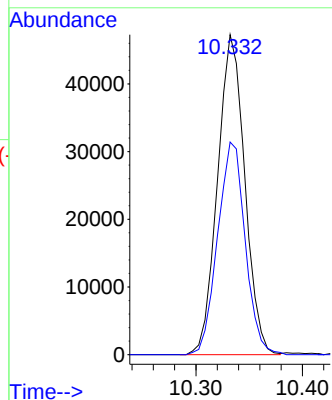
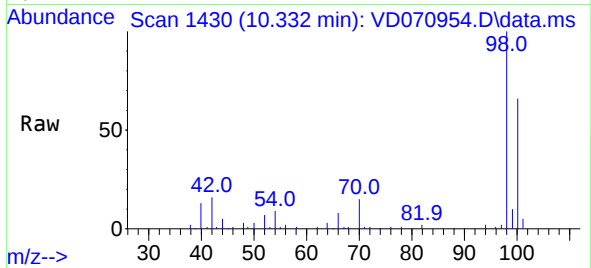




#50
Toluene-d8
Concen: 56.247 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD070954.D
Acq: 09 Nov 2021 17:16

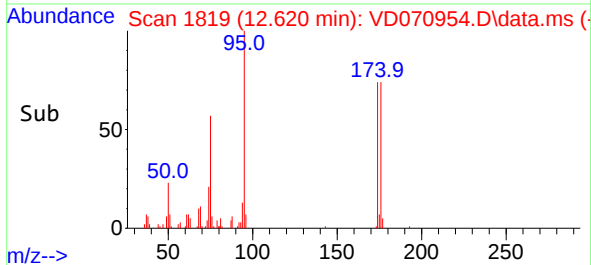
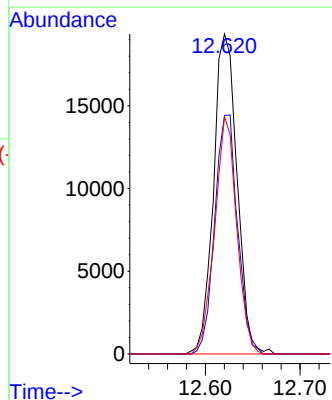
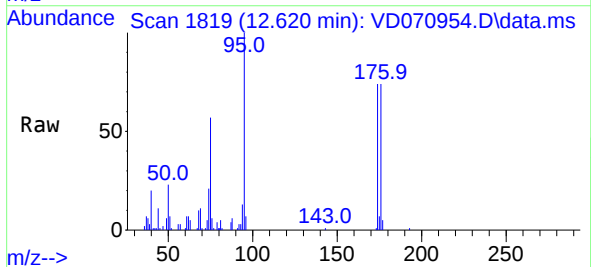
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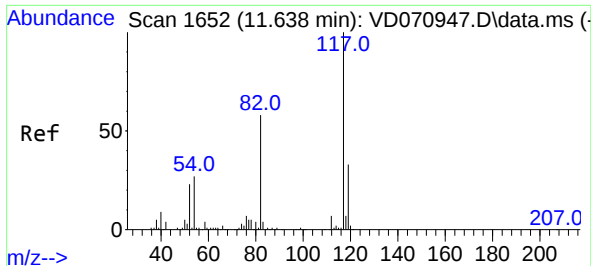
Tgt Ion: 98 Resp: 83774
Ion Ratio Lower Upper
98 100
100 67.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 62.129 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070954.D
Acq: 09 Nov 2021 17:16

Tgt Ion: 95 Resp: 33318
Ion Ratio Lower Upper
95 100
174 73.0 0.0 159.4
176 69.6 0.0 154.0

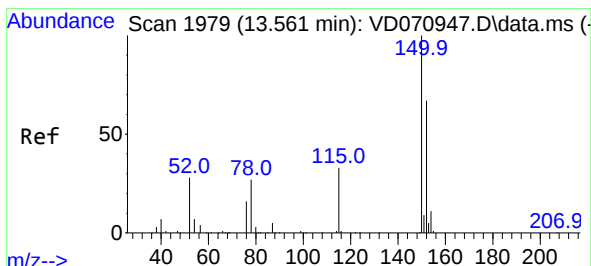
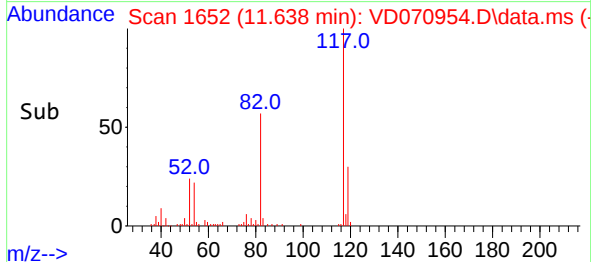
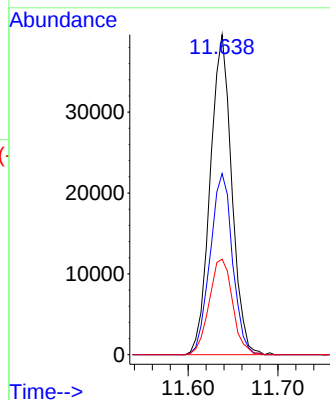
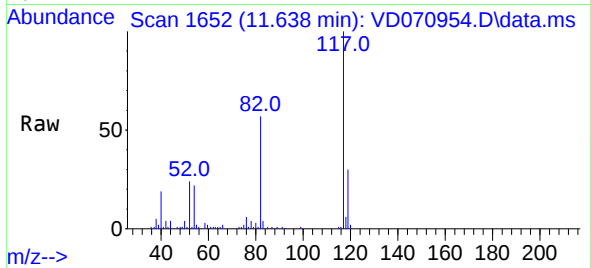




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070954.D
Acq: 09 Nov 2021 17:16

Instrument :
MSVOA_D
ClientSampleId :
OR-02-110521RE

Tgt Ion:	117	Resp:	65968
Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.7	67.1
119	29.9	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070954.D
Acq: 09 Nov 2021 17:16

Tgt Ion:	152	Resp:	31274
Ion	Ratio	Lower	Upper
152	100		
115	60.5	29.8	89.3
150	155.3	0.0	349.2

