

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111021\
 Data File : VD070964.D
 Acq On : 10 Nov 2021 10:48
 Operator : VA/SY
 Sample : VD1110SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBL01

Quant Time: Nov 11 06:26:53 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	7.973	168	390077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	718008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	702390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	321630	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	217002	52.250	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.500%
35) Dibromofluoromethane	7.909	113	220976	54.541	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.080%
50) Toluene-d8	10.332	98	917476	57.823	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.640%
62) 4-Bromofluorobenzene	12.620	95	339890	59.494	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.980%

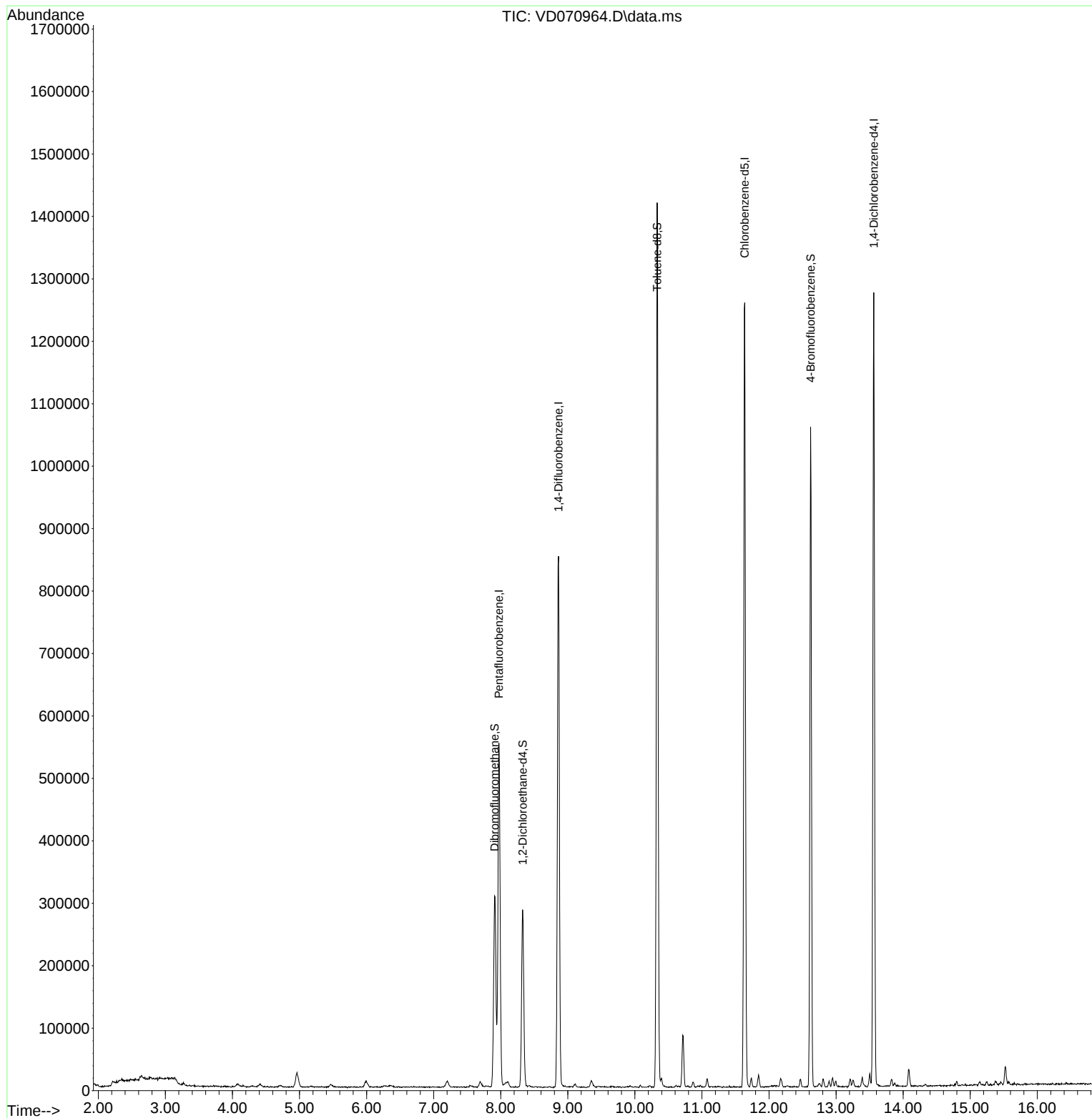
Target Compounds	Qvalue

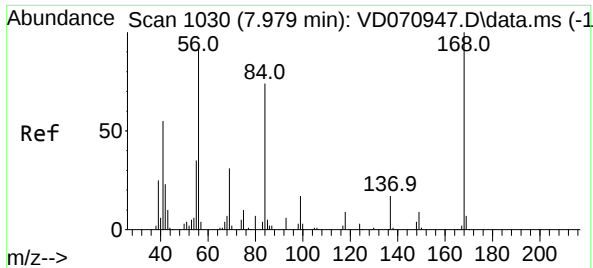
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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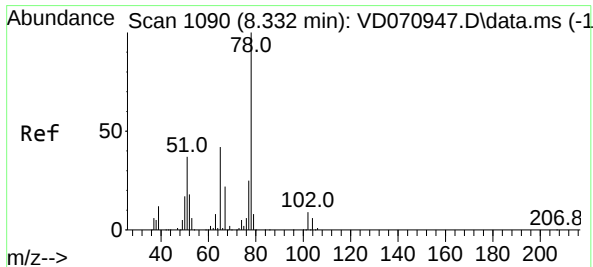
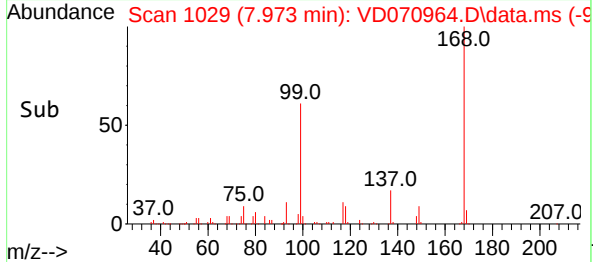
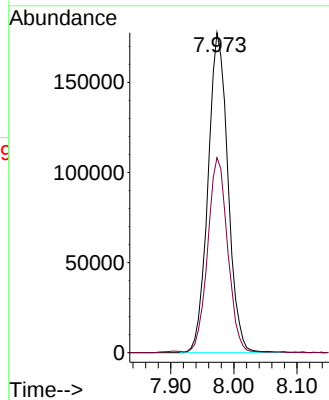
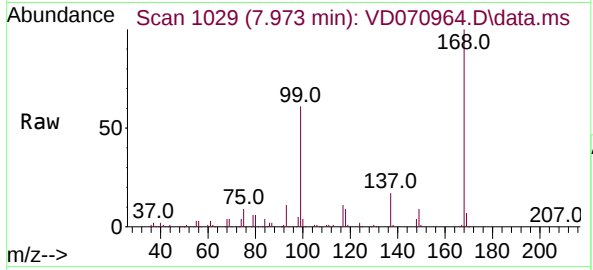




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070964.D
Acq: 10 Nov 2021 10:48

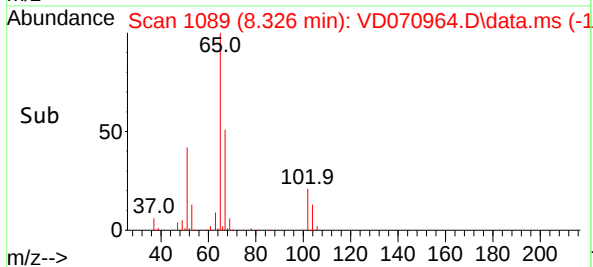
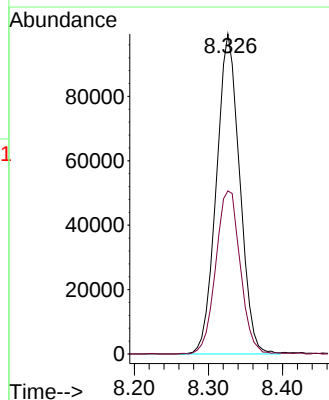
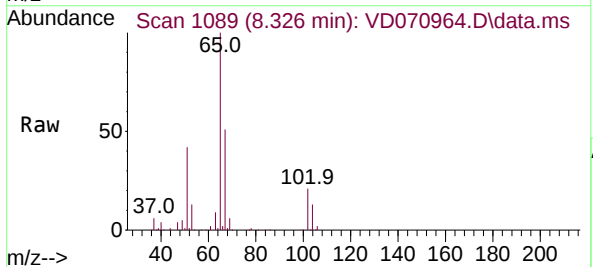
Instrument :
MSVOA_D
ClientSampleId :
VD1110SBL01

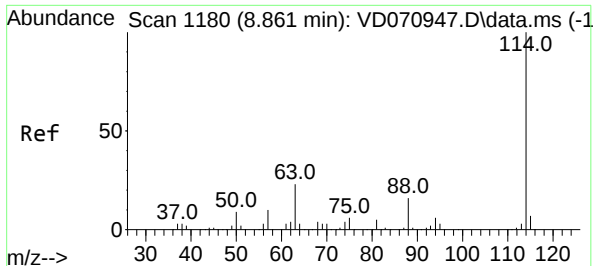
Tgt Ion:168 Resp: 390077
Ion Ratio Lower Upper
168 100
99 60.7 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 52.250 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070964.D
Acq: 10 Nov 2021 10:48

Tgt Ion: 65 Resp: 217002
Ion Ratio Lower Upper
65 100
67 53.7 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070964.D

Acq: 10 Nov 2021 10:48

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBL01

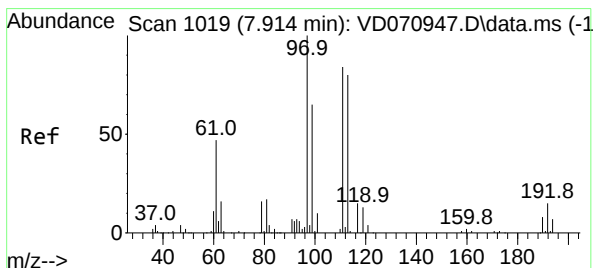
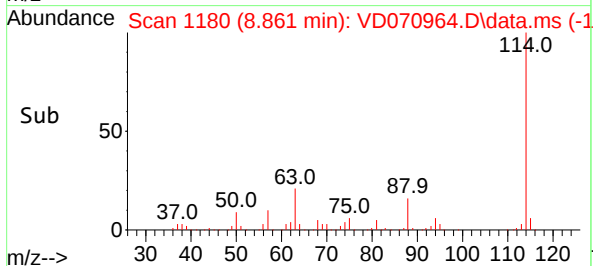
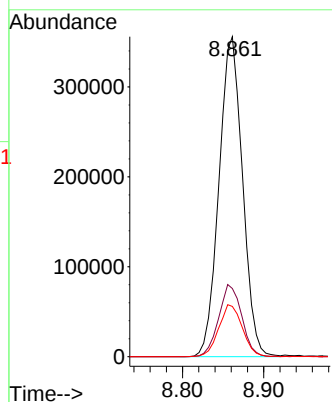
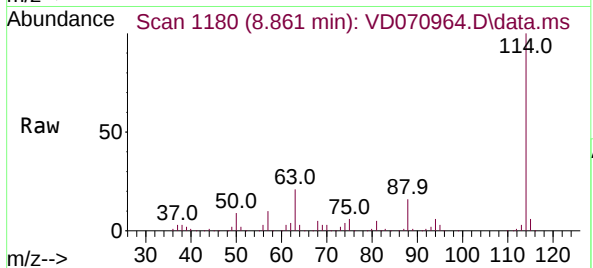
Tgt Ion:114 Resp: 718008

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.8

88 15.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 54.541 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD070964.D

Acq: 10 Nov 2021 10:48

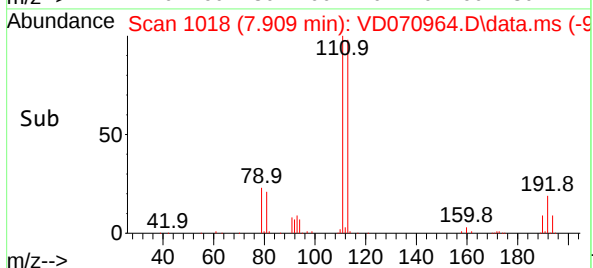
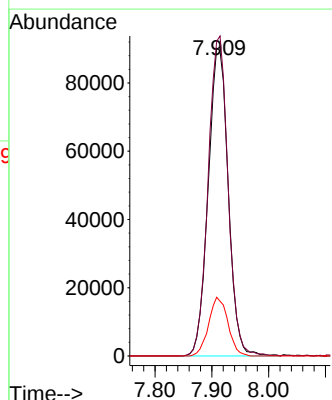
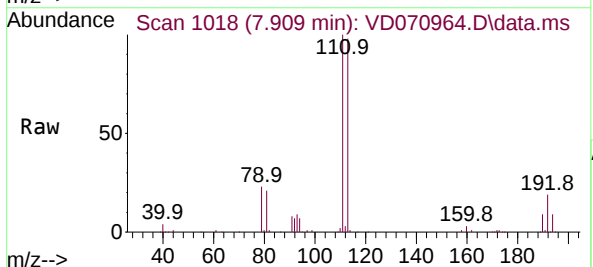
Tgt Ion:113 Resp: 220976

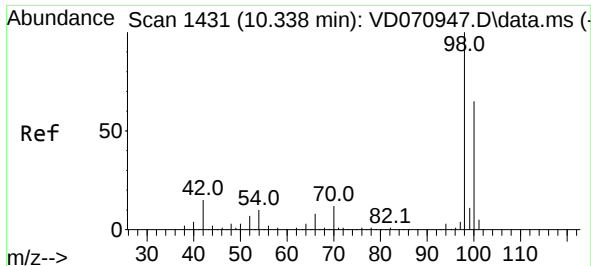
Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

192 18.4 15.2 22.8

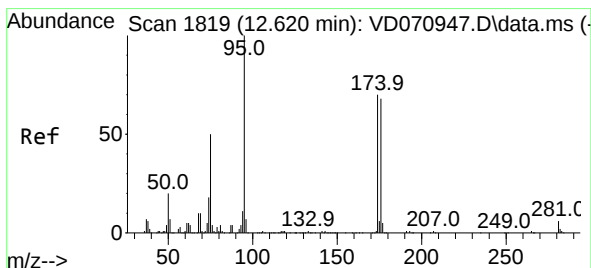
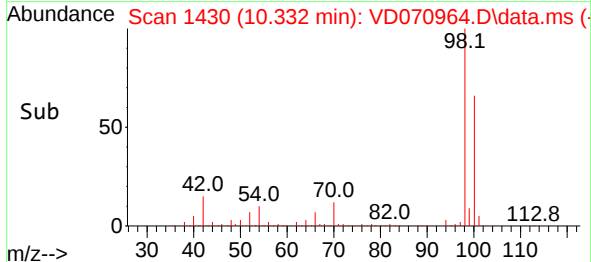
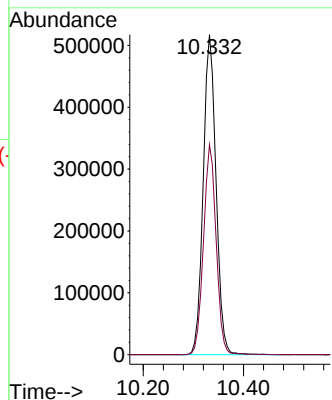
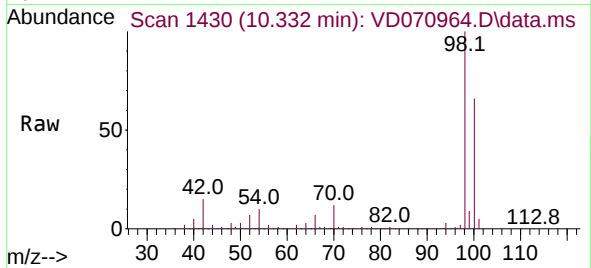




#50
Toluene-d8
Concen: 57.823 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD070964.D
Acq: 10 Nov 2021 10:48

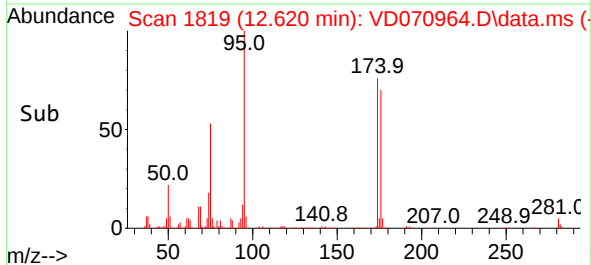
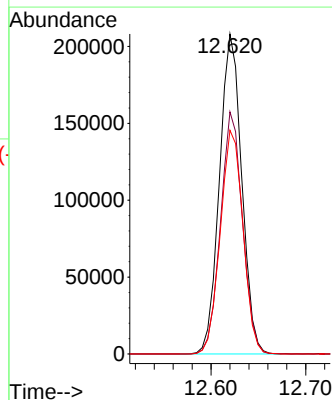
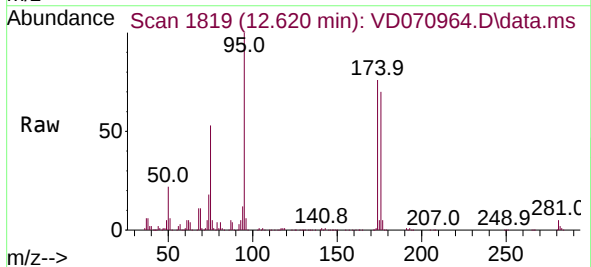
Instrument :
MSVOA_D
ClientSampleId :
VD1110SBL01

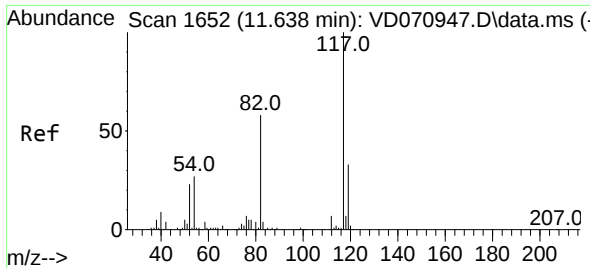
Tgt Ion: 98 Resp: 917476
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 59.494 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070964.D
Acq: 10 Nov 2021 10:48

Tgt Ion: 95 Resp: 339890
Ion Ratio Lower Upper
95 100
174 74.6 0.0 159.4
176 71.3 0.0 154.0

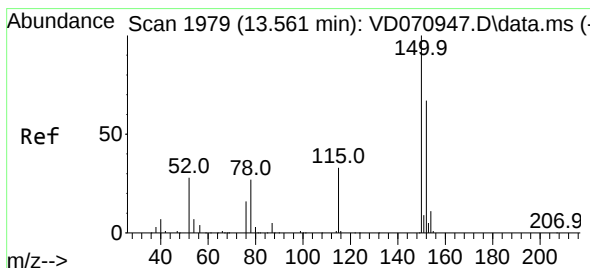
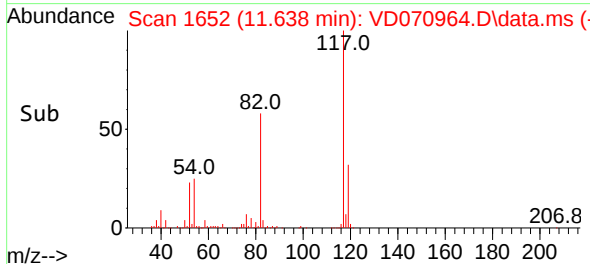
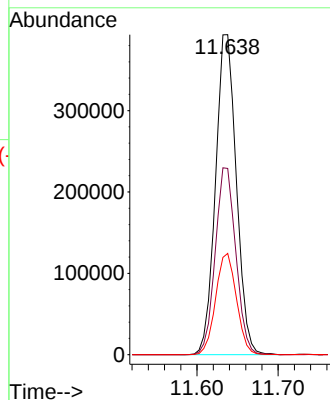
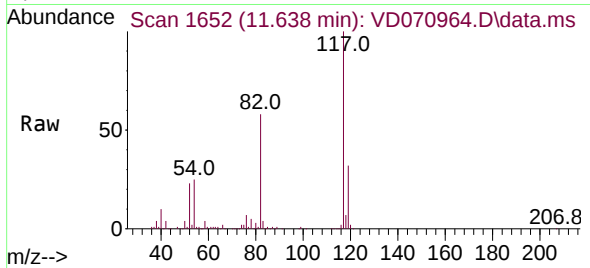




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070964.D
Acq: 10 Nov 2021 10:48

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBL01

Tgt Ion:	117	Resp:	702390
Ion Ratio	Lower	Upper	
117	100		
82	58.2	44.7	67.1
119	31.7	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: VD070964.D
Acq: 10 Nov 2021 10:48

Tgt Ion:	152	Resp:	321630
Ion Ratio	Lower	Upper	
152	100		
115	61.6	29.8	89.3
150	158.2	0.0	349.2

