

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110921\
 Data File : VD070951.D
 Acq On : 09 Nov 2021 15:50
 Operator : VA/SY
 Sample : VD1109SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1109SBL01

Quant Time: Nov 10 03:57:13 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	425180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	793259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	757548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	346882	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	239394	52.882	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.760%
35) Dibromofluoromethane	7.909	113	240119	53.643	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.280%
50) Toluene-d8	10.332	98	1000421	57.069	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.140%
62) 4-Bromofluorobenzene	12.620	95	365141	57.850	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.700%

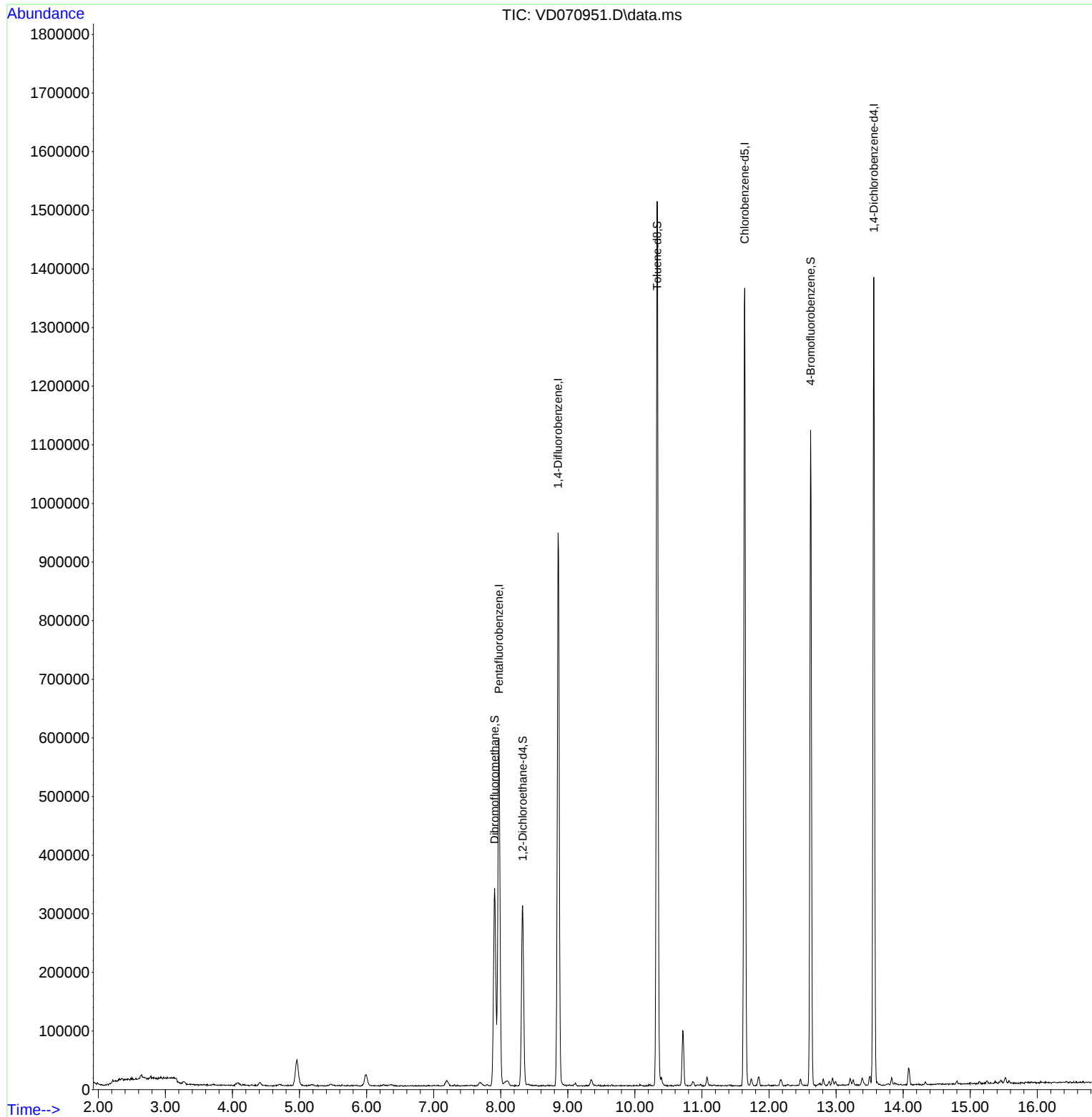
Target Compounds	Qvalue

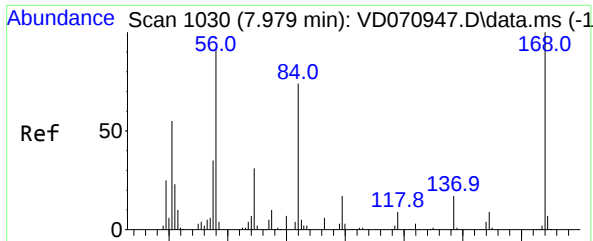
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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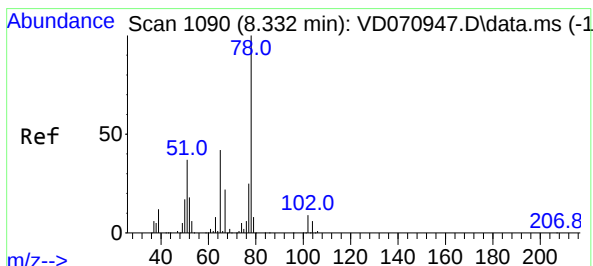
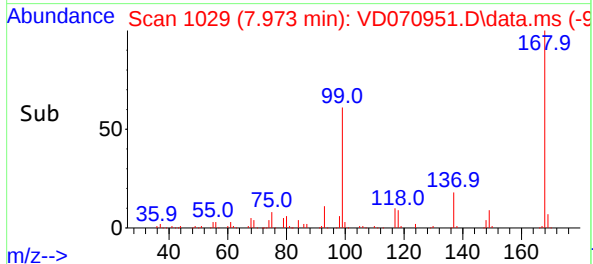
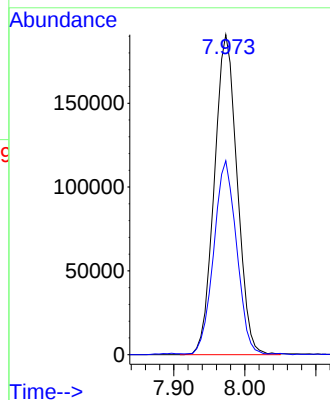
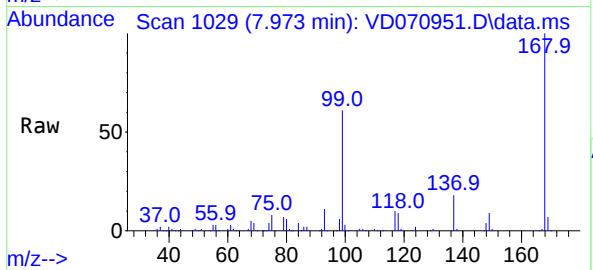




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070951.D
Acq: 09 Nov 2021 15:50

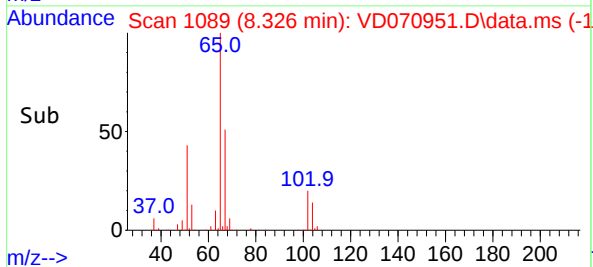
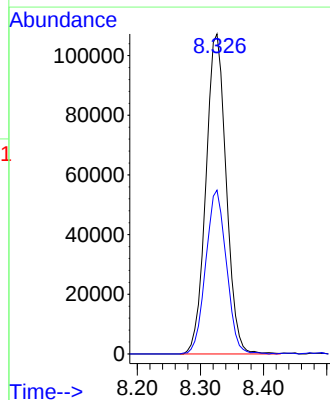
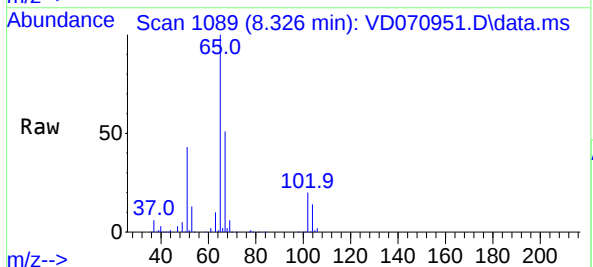
Instrument :
MSVOA_D
ClientSampleId :
VD1109SBL01

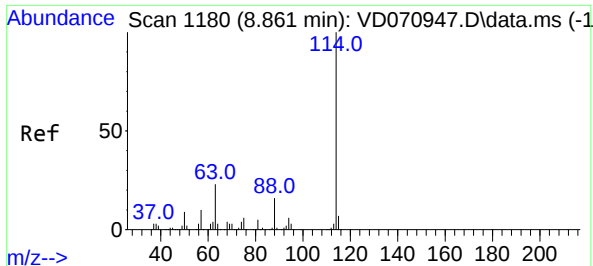
Tgt Ion:168 Resp: 425180
Ion Ratio Lower Upper
168 100
99 60.3 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 52.882 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070951.D
Acq: 09 Nov 2021 15:50

Tgt Ion: 65 Resp: 239394
Ion Ratio Lower Upper
65 100
67 52.1 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: VD070951.D

Acq: 09 Nov 2021 15:50

Instrument :

MSVOA_D

ClientSampleId :

VD1109SBL01

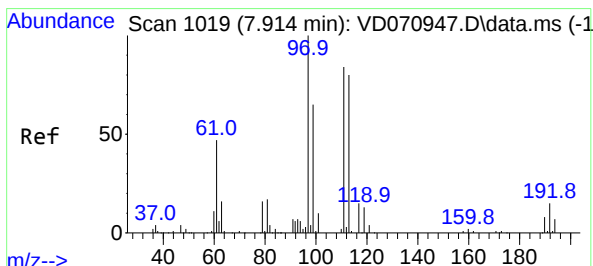
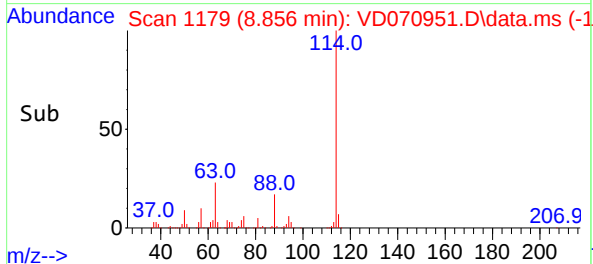
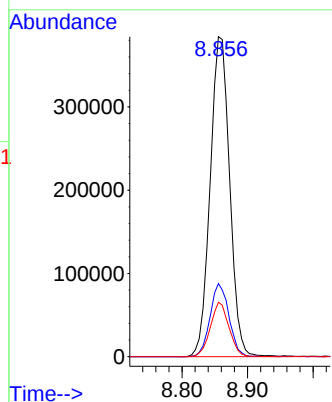
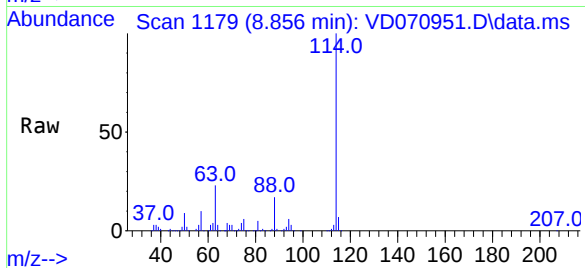
Tgt Ion:114 Resp: 793259

Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 17.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 53.643 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD070951.D

Acq: 09 Nov 2021 15:50

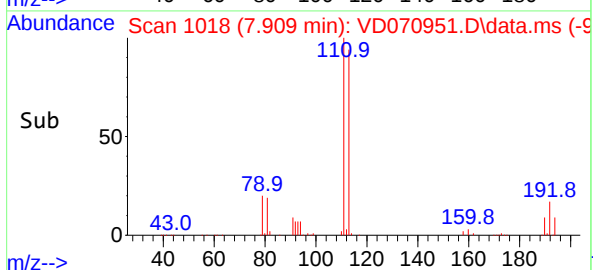
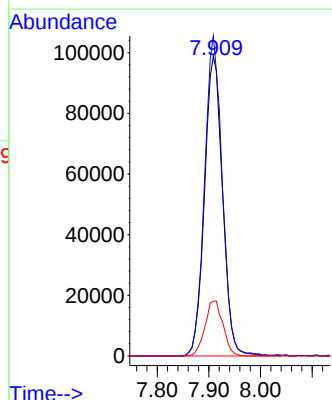
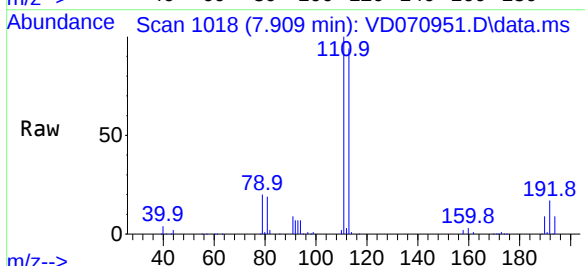
Tgt Ion:113 Resp: 240119

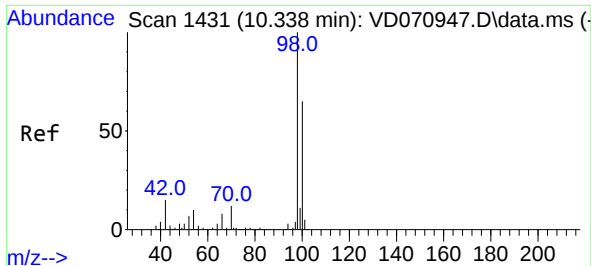
Ion Ratio Lower Upper

113 100

111 104.5 82.0 123.0

192 18.3 15.2 22.8

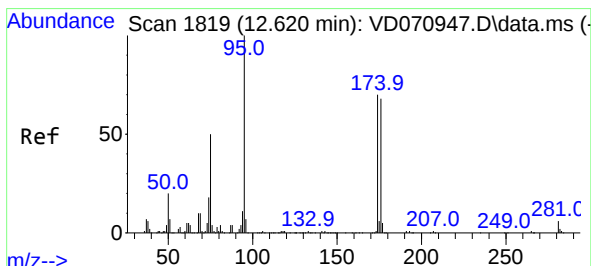
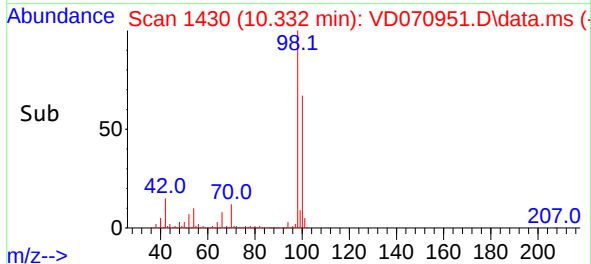
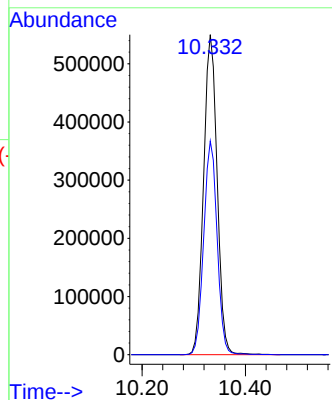
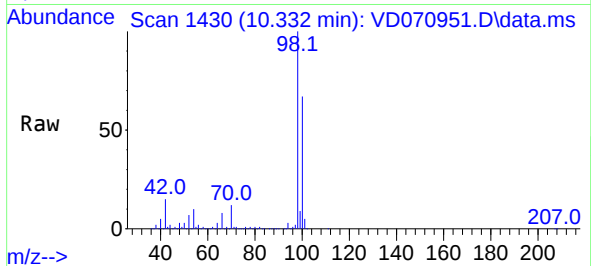




#50
Toluene-d8
Concen: 57.069 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD070951.D
Acq: 09 Nov 2021 15:50

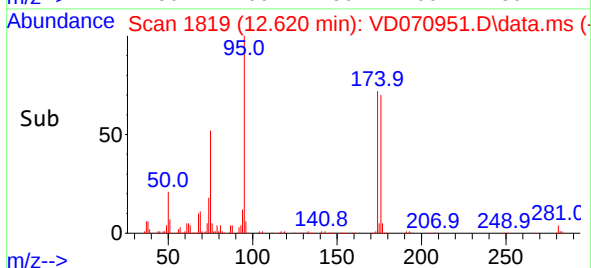
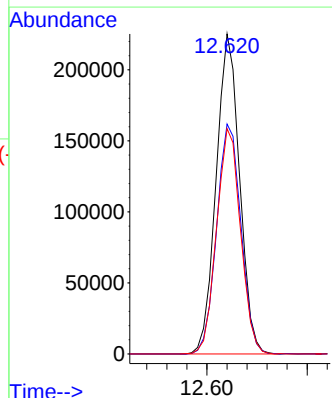
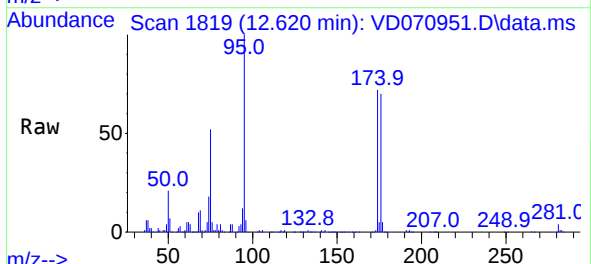
Instrument :
MSVOA_D
ClientSampleId :
VD1109SBL01

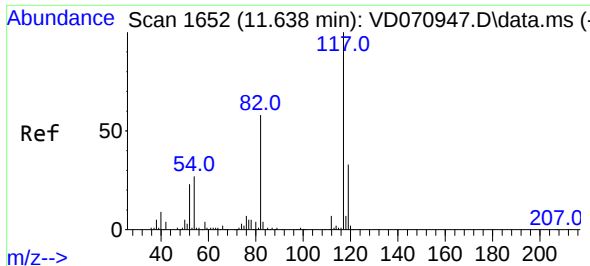
Tgt Ion: 98 Resp: 1000421
Ion Ratio Lower Upper
98 100
100 66.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 57.850 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070951.D
Acq: 09 Nov 2021 15:50

Tgt Ion: 95 Resp: 365141
Ion Ratio Lower Upper
95 100
174 74.5 0.0 159.4
176 71.9 0.0 154.0

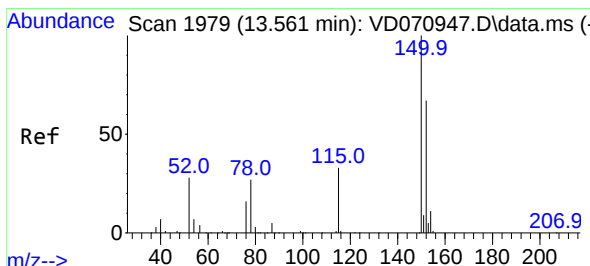
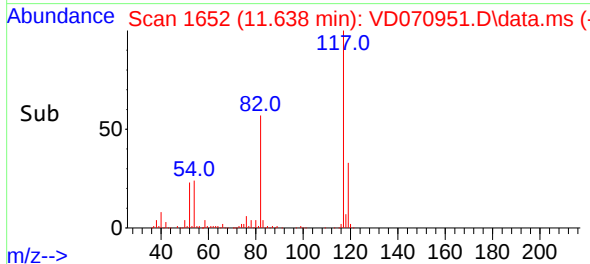
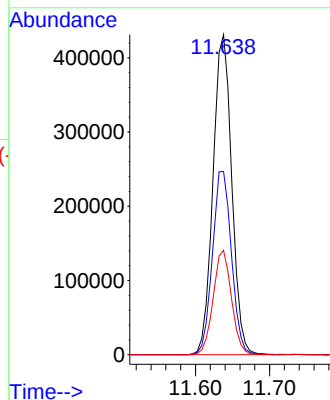
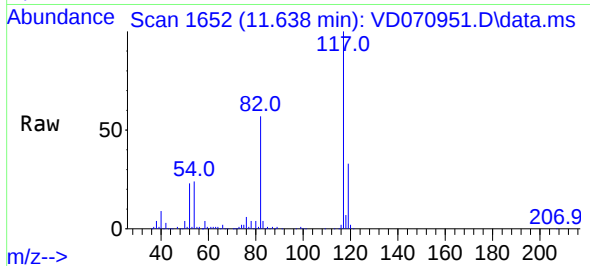




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD070951.D
Acq: 09 Nov 2021 15:50

Instrument :
MSVOA_D
ClientSampleId :
VD1109SBL01

Tgt Ion:117 Resp: 757548
Ion Ratio Lower Upper
117 100
82 57.3 44.7 67.1
119 32.6 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: VD070951.D
Acq: 09 Nov 2021 15:50

Tgt Ion:152 Resp: 346882
Ion Ratio Lower Upper
152 100
115 60.6 29.8 89.3
150 155.8 0.0 349.2

