

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110921\
 Data File : VD070957.D
 Acq On : 09 Nov 2021 18:41
 Operator : VA/SY
 Sample : M4540-03
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Nov 10 03:58:27 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	21877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	40570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	43080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	20530	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	17042	73.165	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.320%
35) Dibromofluoromethane	7.908	113	11808	51.579	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.160%
50) Toluene-d8	10.332	98	52348	58.389	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.780%
62) 4-Bromofluorobenzene	12.620	95	20728	64.212	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	128.420%

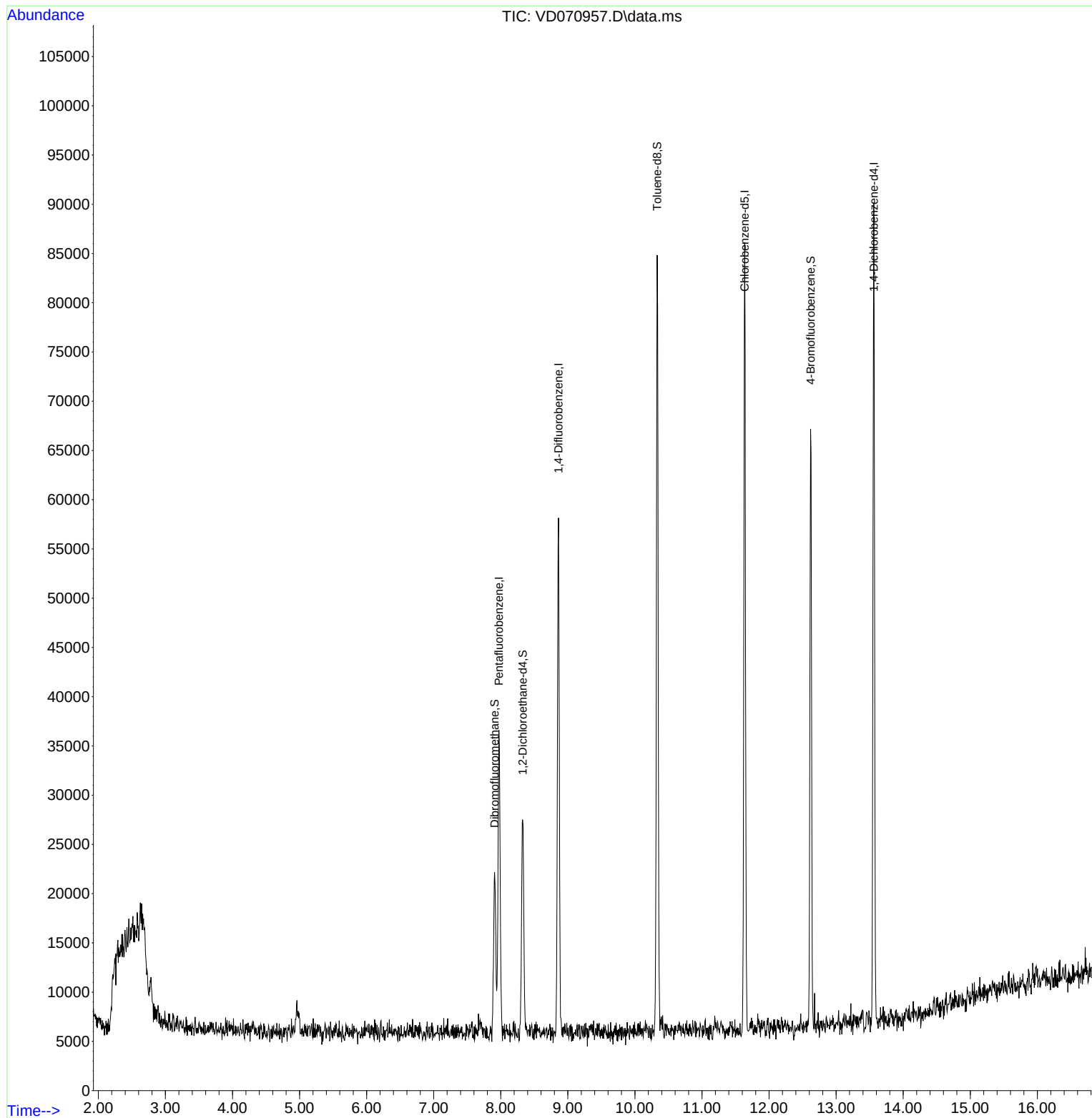
Target Compounds	Qvalue

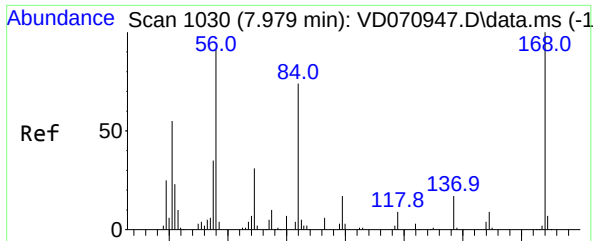
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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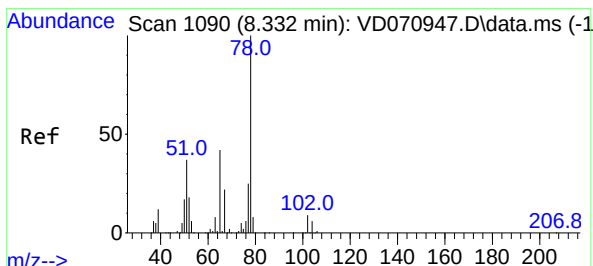
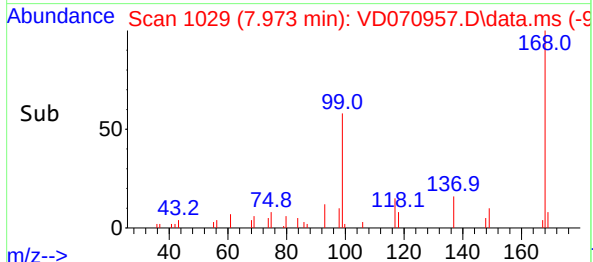
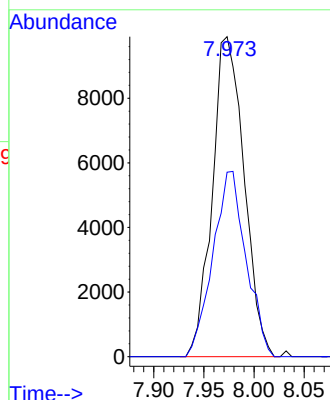
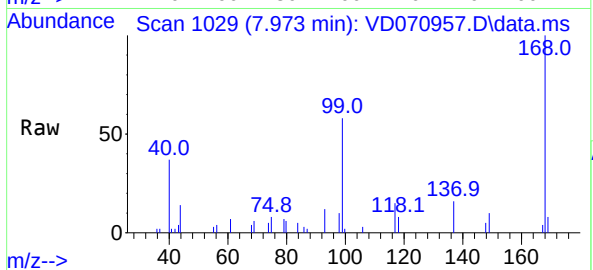




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070957.D
Acq: 09 Nov 2021 18:41

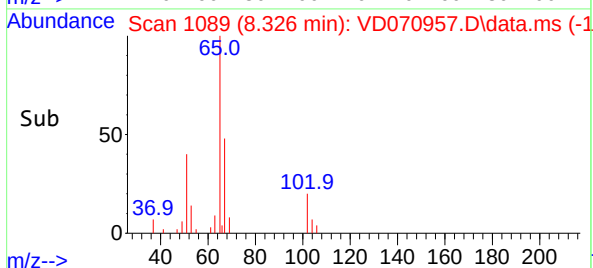
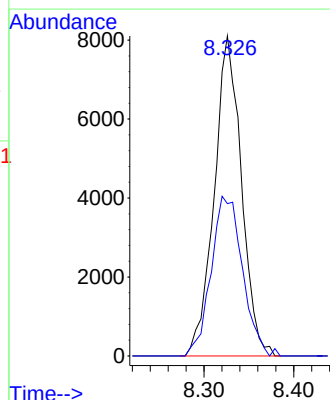
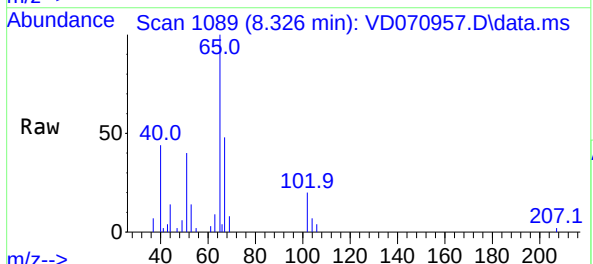
Instrument :
MSVOA_D
ClientSampleId :
TP-2

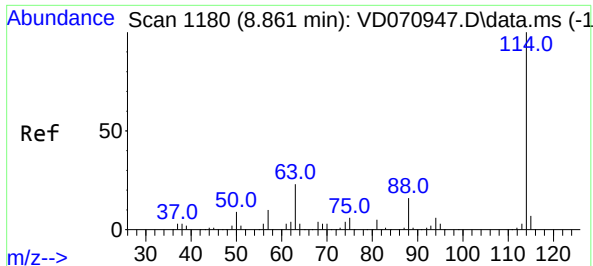
Tgt Ion:168 Resp: 21877
Ion Ratio Lower Upper
168 100
99 57.6 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 73.165 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070957.D
Acq: 09 Nov 2021 18:41

Tgt Ion: 65 Resp: 17042
Ion Ratio Lower Upper
65 100
67 57.6 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: VD070957.D

Acq: 09 Nov 2021 18:41

Instrument :

MSVOA_D

ClientSampleId :

TP-2

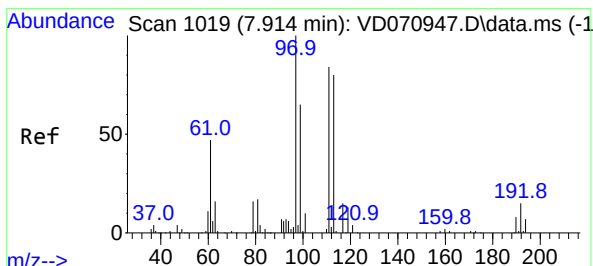
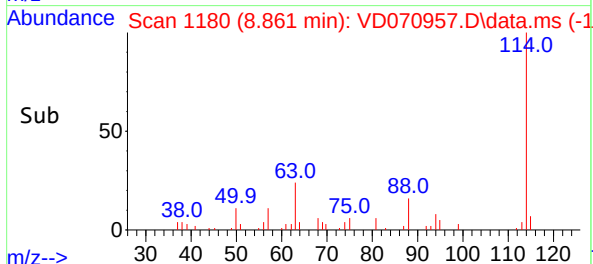
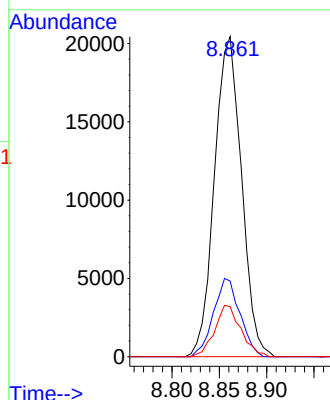
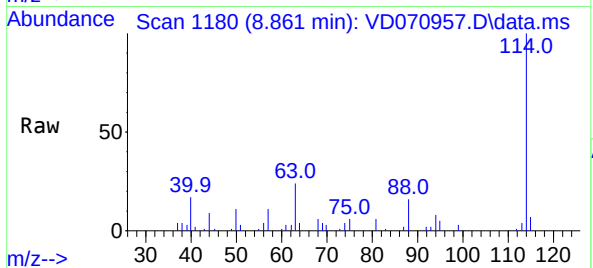
Tgt Ion:114 Resp: 40570

Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.8

88 15.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 51.579 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070957.D

Acq: 09 Nov 2021 18:41

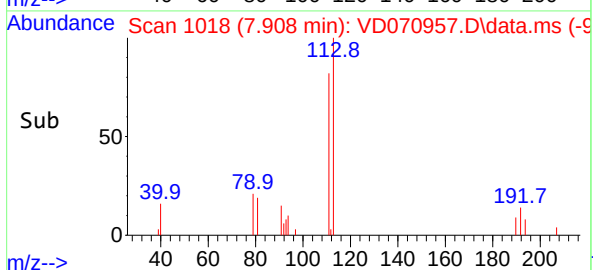
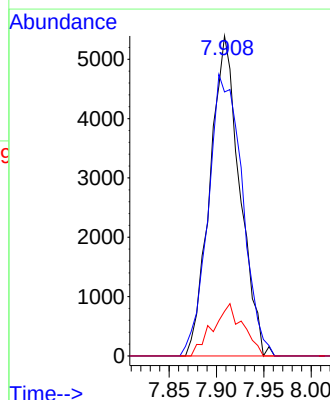
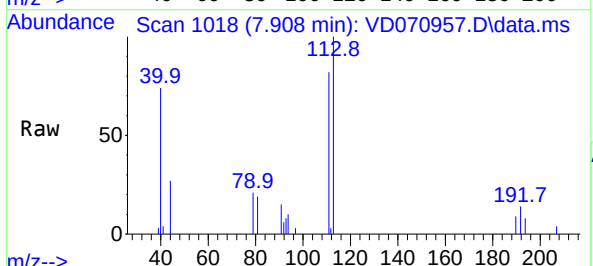
Tgt Ion:113 Resp: 11808

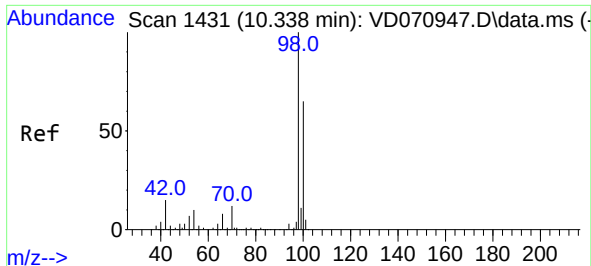
Ion Ratio Lower Upper

113 100

111 100.3 82.0 123.0

192 16.6 15.2 22.8

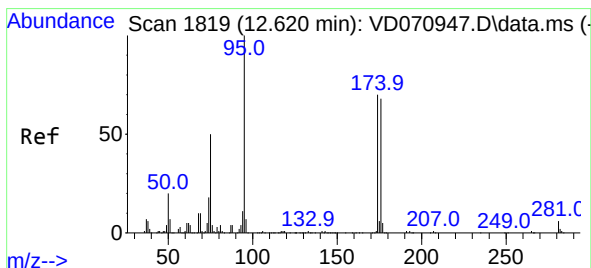
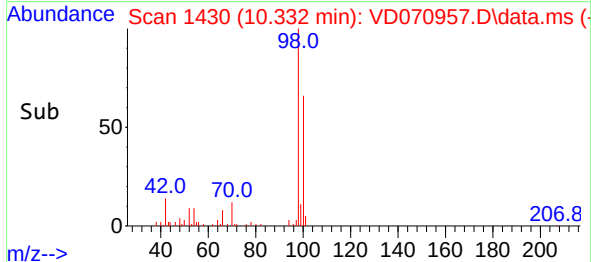
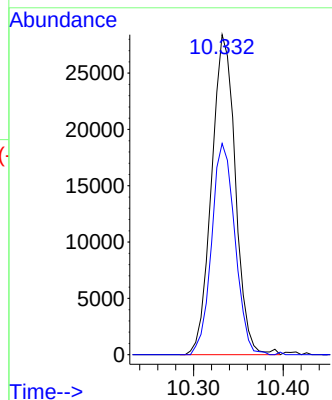
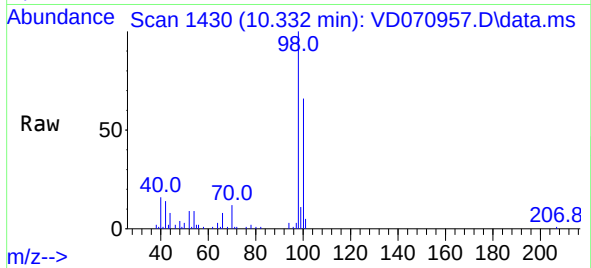




#50
Toluene-d8
Concen: 58.389 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070957.D
Acq: 09 Nov 2021 18:41

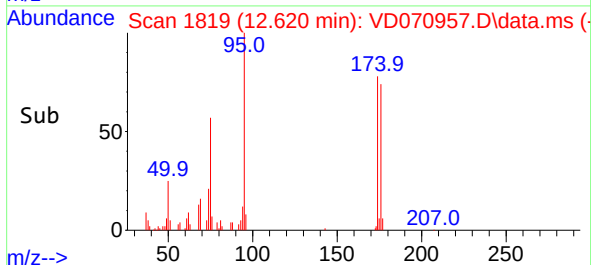
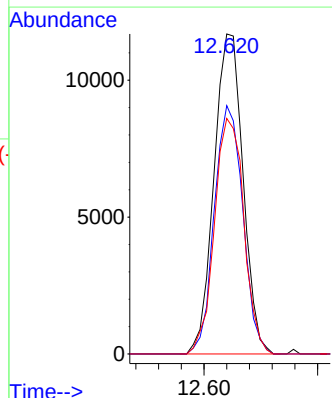
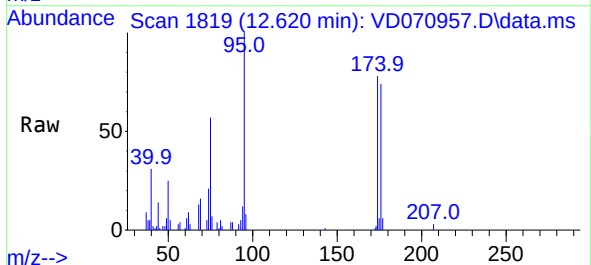
Instrument :
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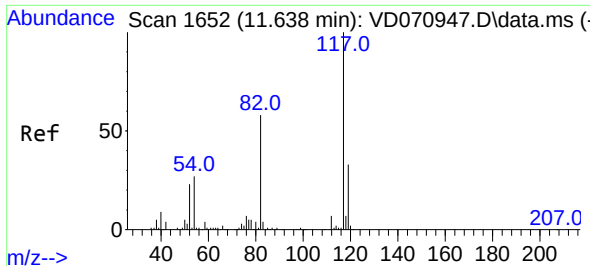
Tgt Ion: 98 Resp: 52348
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 64.212 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070957.D
Acq: 09 Nov 2021 18:41

Tgt Ion: 95 Resp: 20728
Ion Ratio Lower Upper
95 100
174 76.2 0.0 159.4
176 74.5 0.0 154.0

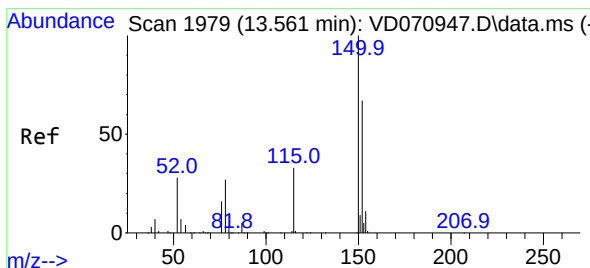
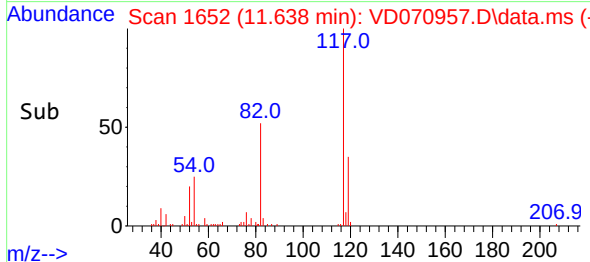
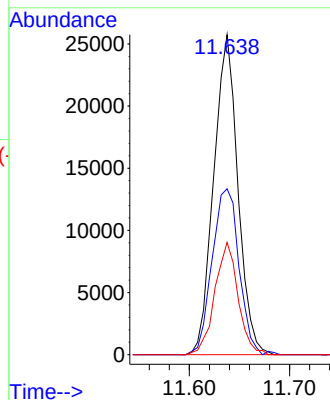
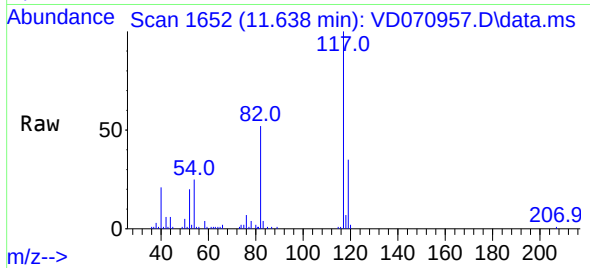




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD070957.D
Acq: 09 Nov 2021 18:41

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tgt Ion:	117	Resp:	43080
Ion Ratio	Lower	Upper	
117	100		
82	51.9	44.7	67.1
119	35.1	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: VD070957.D
Acq: 09 Nov 2021 18:41

Tgt Ion:	152	Resp:	20530
Ion Ratio	Lower	Upper	
152	100		
115	62.4	29.8	89.3
150	160.1	0.0	349.2

