

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111021\
 Data File : VD070972.D
 Acq On : 10 Nov 2021 16:09
 Operator : VA/SY
 Sample : M4519-03RE
 Misc : 5.06/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3RE

Quant Time: Nov 11 06:29:50 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	129732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	250352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	256416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	128296	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	101045	73.154	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.300%
35) Dibromofluoromethane	7.908	113	79624	56.363	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.720%
50) Toluene-d8	10.332	98	317555	57.399	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.800%
62) 4-Bromofluorobenzene	12.620	95	127785	64.149	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	128.300%

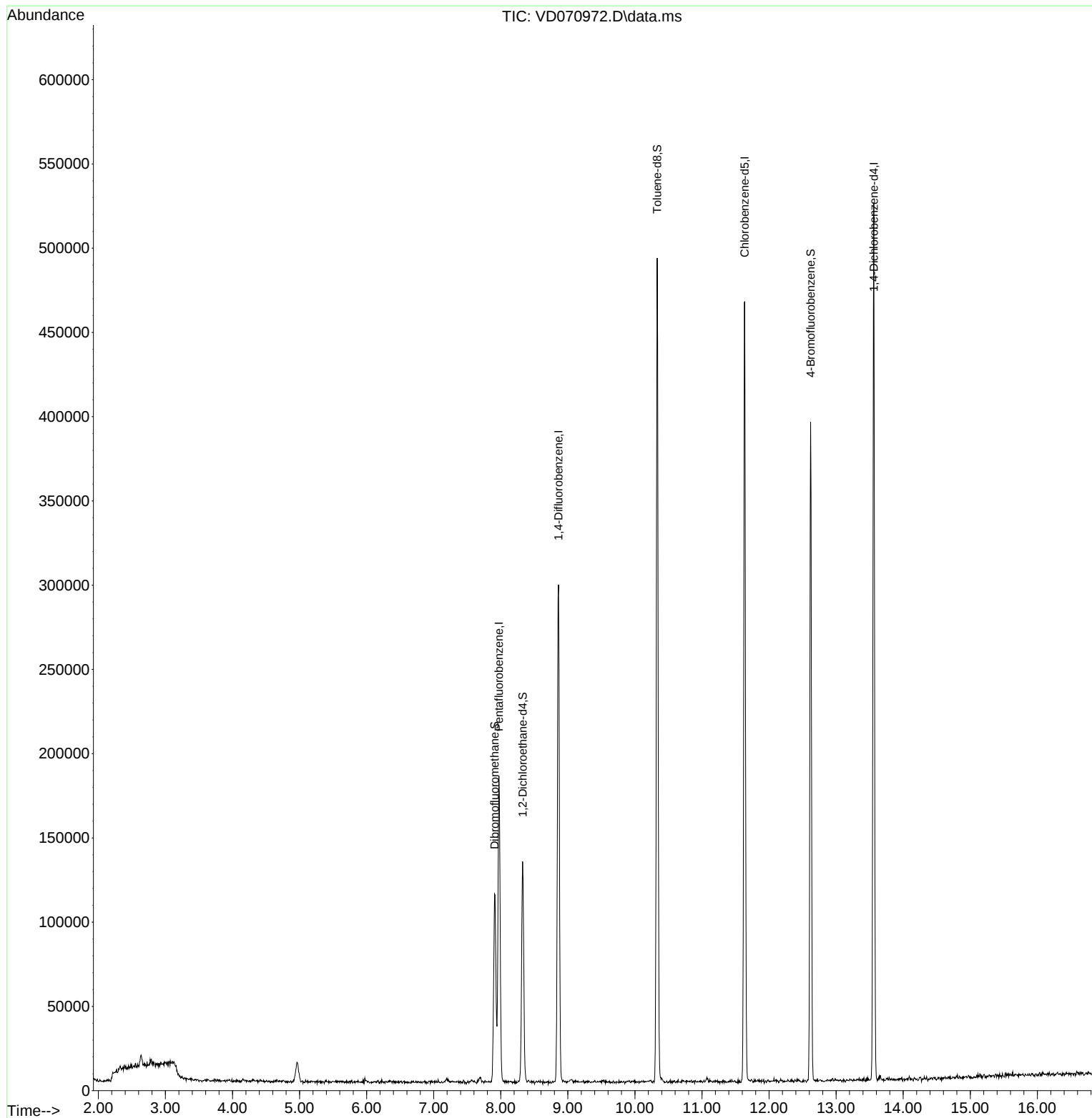
Target Compounds	Qvalue

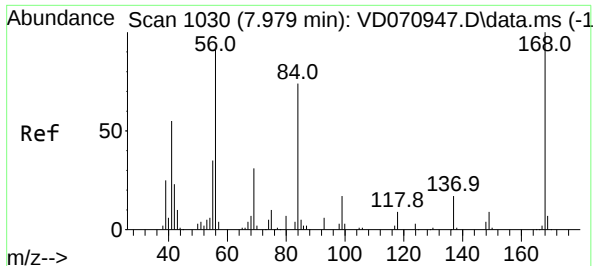
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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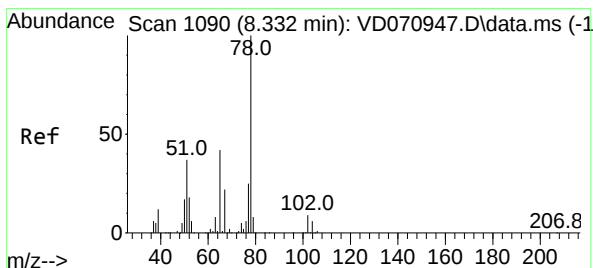
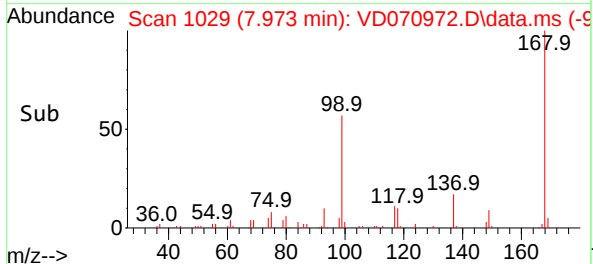
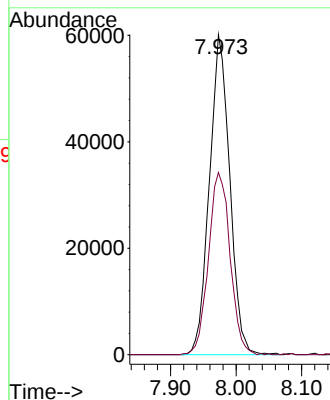
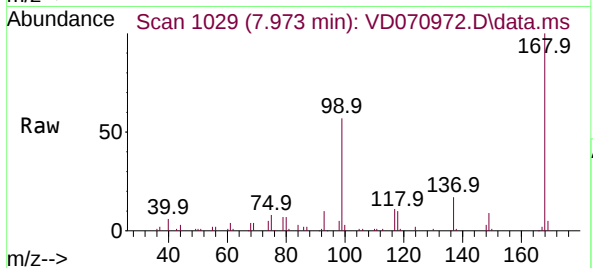




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070972.D
Acq: 10 Nov 2021 16:09

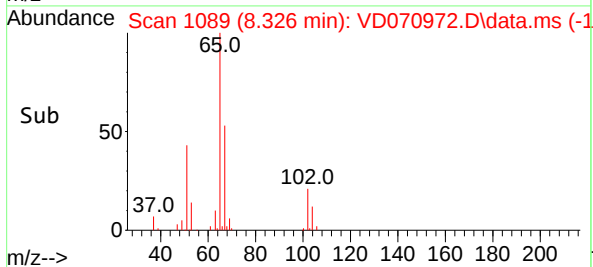
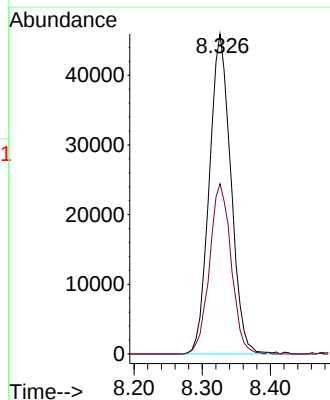
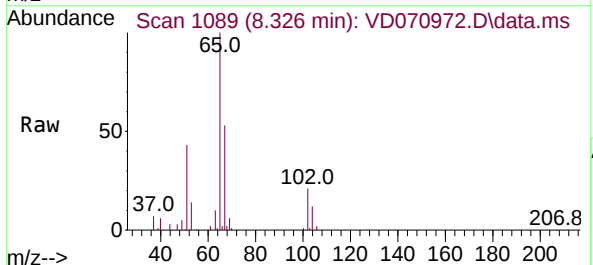
Instrument :
MSVOA_D
ClientSampleId :
SB-3RE

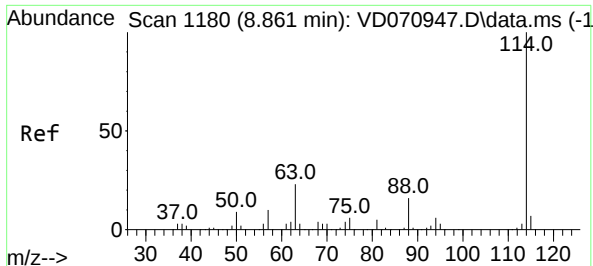
Tgt Ion:168 Resp: 129732
Ion Ratio Lower Upper
168 100
99 57.0 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 73.154 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070972.D
Acq: 10 Nov 2021 16:09

Tgt Ion: 65 Resp: 101045
Ion Ratio Lower Upper
65 100
67 53.4 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: VD070972.D

Acq: 10 Nov 2021 16:09

Instrument :

MSVOA_D

ClientSampleId :

SB-3RE

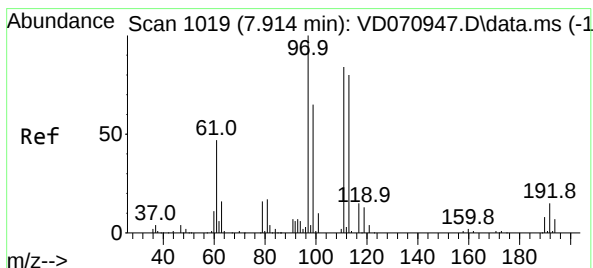
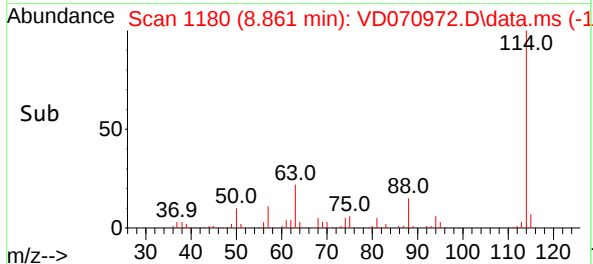
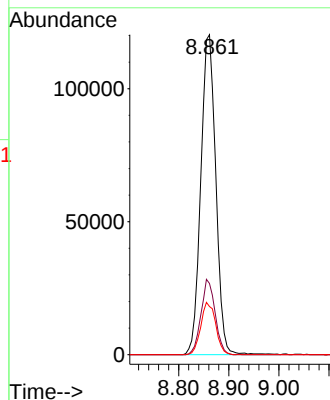
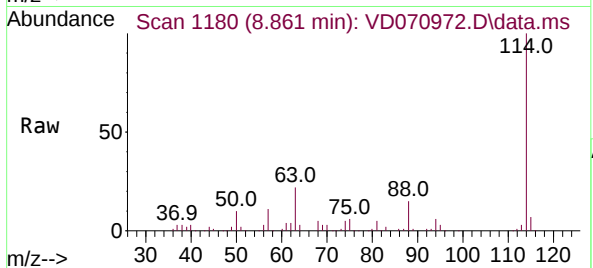
Tgt Ion:114 Resp: 250352

Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.8

88 15.1 0.0 32.8



#35

Dibromofluoromethane

Concen: 56.363 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070972.D

Acq: 10 Nov 2021 16:09

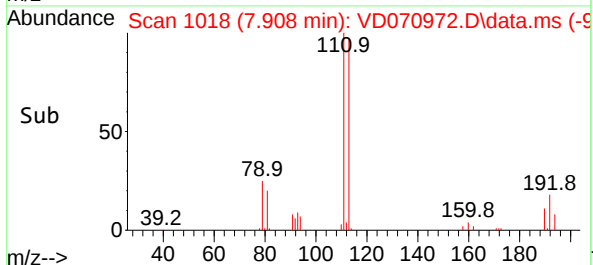
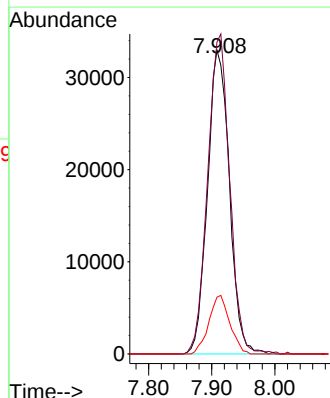
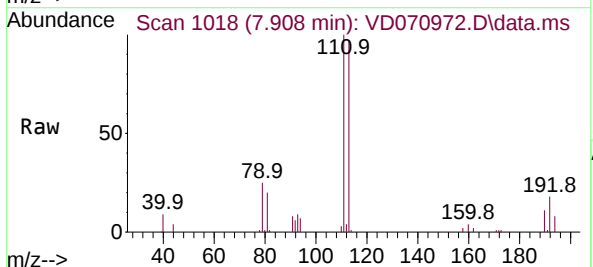
Tgt Ion:113 Resp: 79624

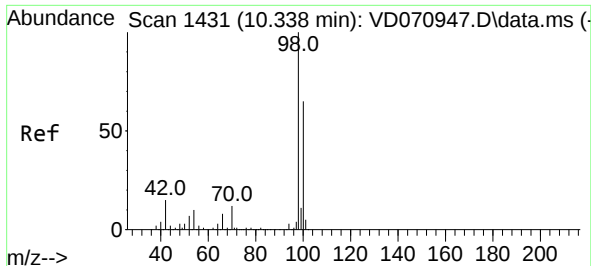
Ion Ratio Lower Upper

113 100

111 105.8 82.0 123.0

192 18.4 15.2 22.8

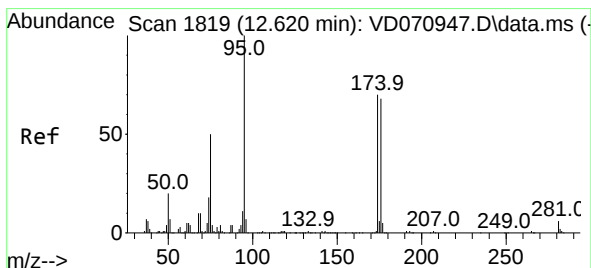
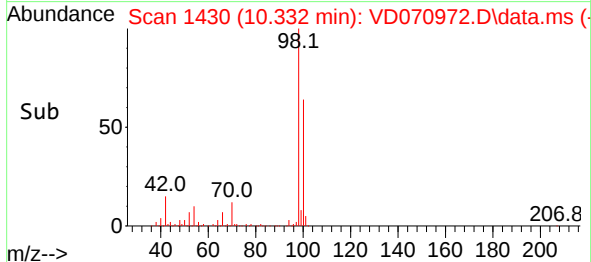
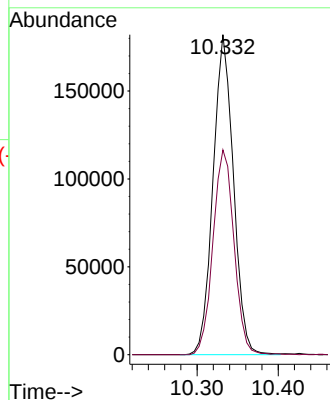
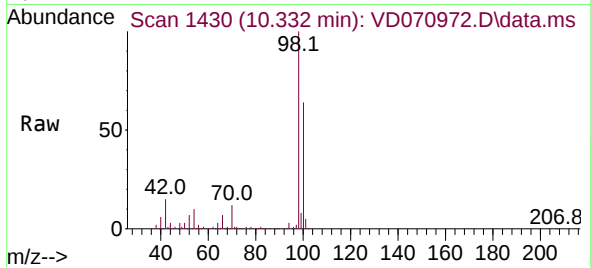




#50
Toluene-d8
Concen: 57.399 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD070972.D
Acq: 10 Nov 2021 16:09

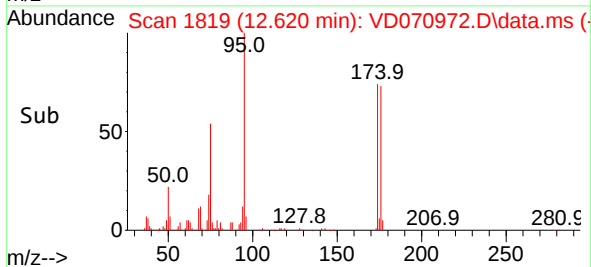
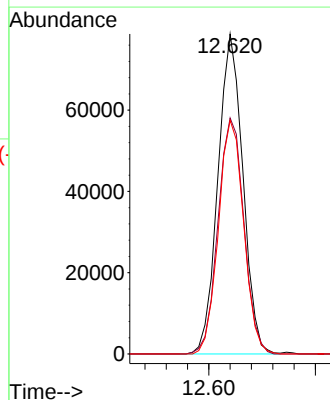
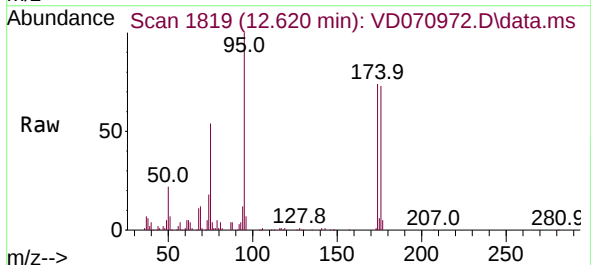
Instrument :
MSVOA_D
ClientSampleId :
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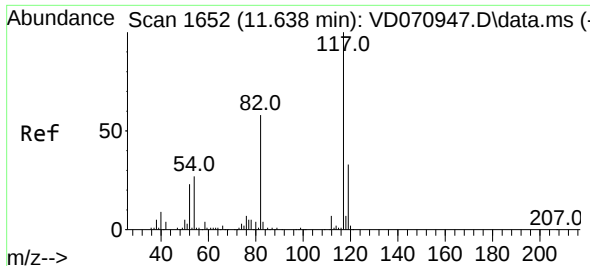
Tgt Ion: 98 Resp: 317555
Ion Ratio Lower Upper
98 100
100 66.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 64.149 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070972.D
Acq: 10 Nov 2021 16:09

Tgt Ion: 95 Resp: 127785
Ion Ratio Lower Upper
95 100
174 76.4 0.0 159.4
176 73.8 0.0 154.0

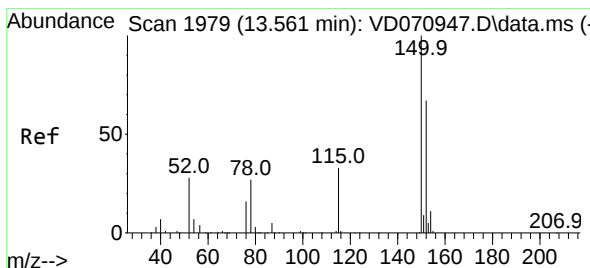
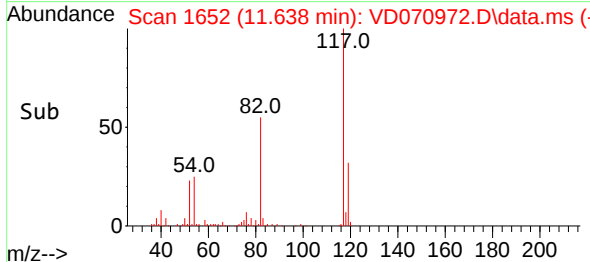
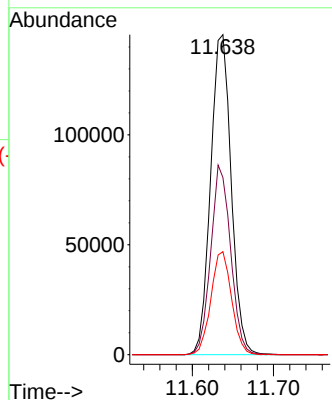
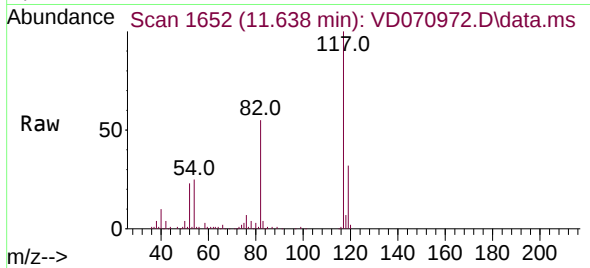




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD070972.D
Acq: 10 Nov 2021 16:09

Instrument :
MSVOA_D
ClientSampleId :
SB-3RE

Tgt Ion:117 Resp: 256416
Ion Ratio Lower Upper
117 100
82 55.4 44.7 67.1
119 32.2 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: VD070972.D
Acq: 10 Nov 2021 16:09

Tgt Ion:152 Resp: 128296
Ion Ratio Lower Upper
152 100
115 59.8 29.8 89.3
150 154.7 0.0 349.2

