

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120121\
 Data File : VD071104.D
 Acq On : 01 Dec 2021 13:57
 Operator : VA/SY
 Sample : M4855-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LS-RO-COMP

Quant Time: Dec 02 03:14:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	4552	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.873	114	7873	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.638	117	8440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	4097	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	3738	69.984	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.960%
35) Dibromofluoromethane	7.908	113	2505	49.966	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.940%
50) Toluene-d8	10.338	98	9326	48.882	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.760%
62) 4-Bromofluorobenzene	12.626	95	3583	54.178	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.360%

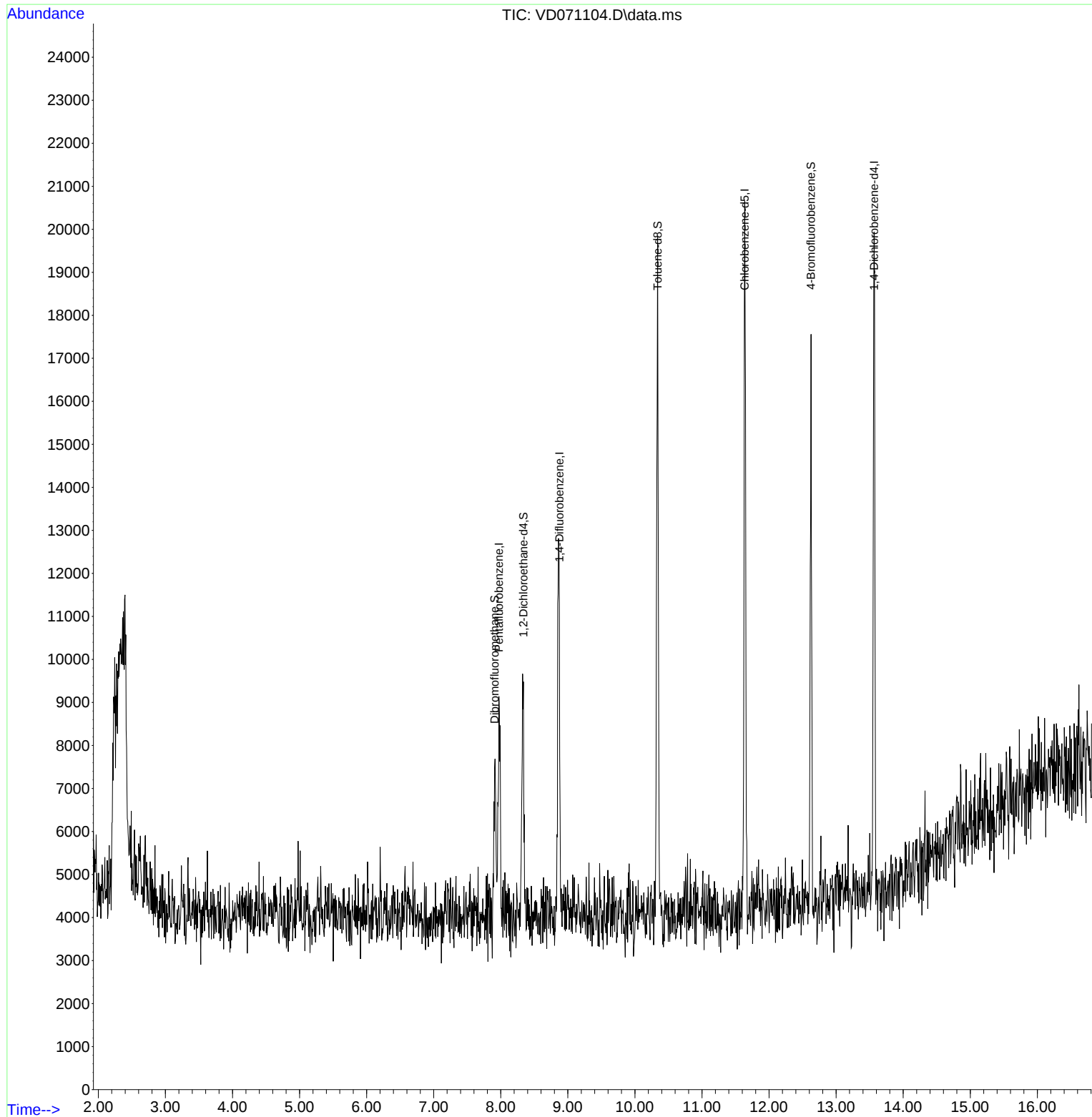
Target Compounds	Qvalue

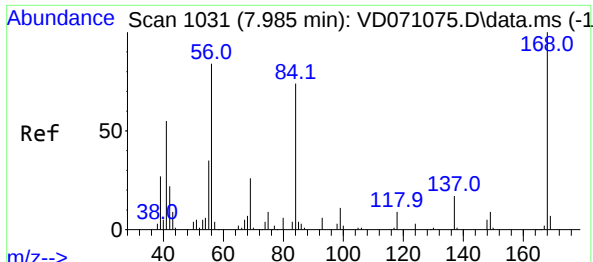
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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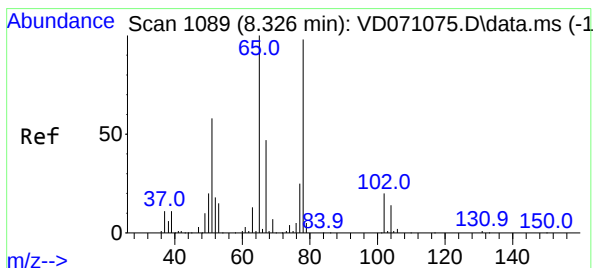
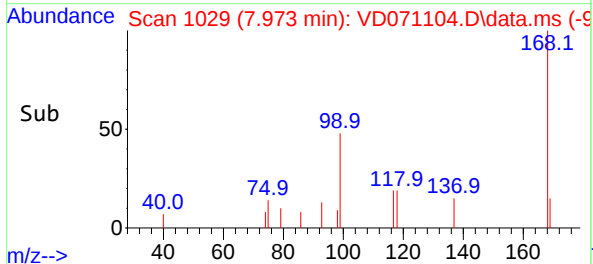
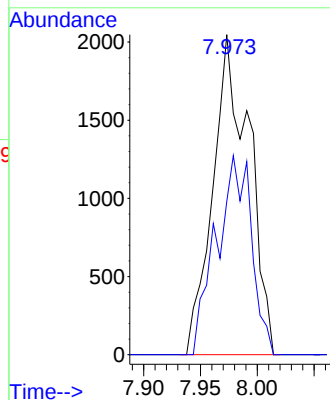
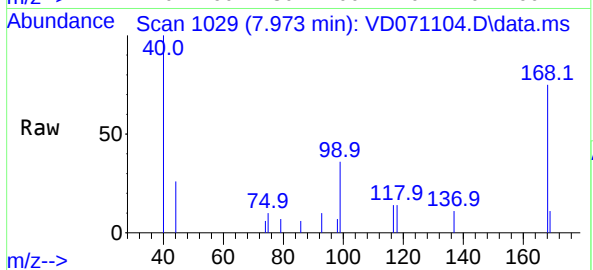




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071104.D
Acq: 01 Dec 2021 13:57

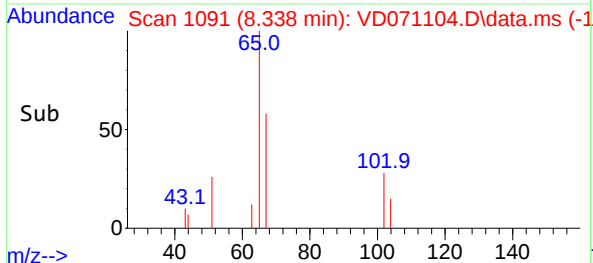
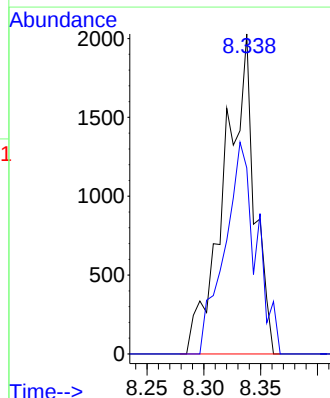
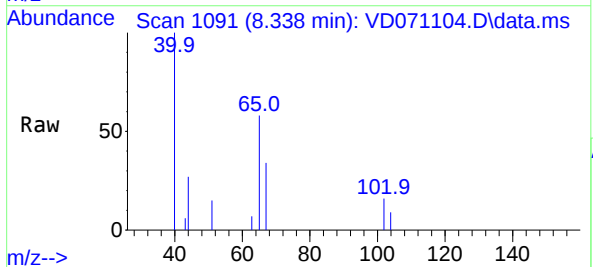
Instrument :
MSVOA_D
ClientSampleId :
LS-RO-COMP

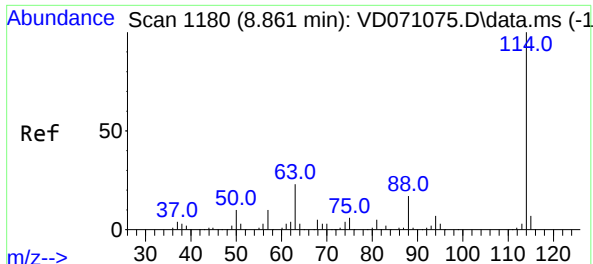
Tgt Ion:168 Resp: 4552
Ion Ratio Lower Upper
168 100
99 47.9 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 69.984 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.012 min
Lab File: VD071104.D
Acq: 01 Dec 2021 13:57

Tgt Ion: 65 Resp: 3738
Ion Ratio Lower Upper
65 100
67 69.8 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.873 min Scan# 1180

Delta R.T. 0.012 min

Lab File: VD071104.D

Acq: 01 Dec 2021 13:57

Instrument :

MSVOA_D

ClientSampleId :

LS-RO-COMP

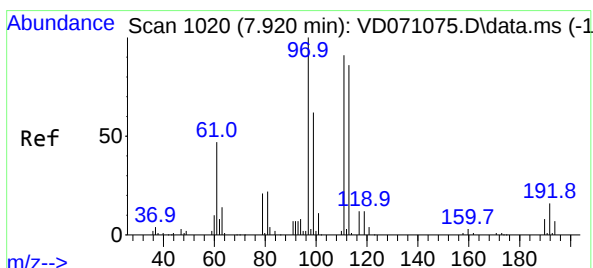
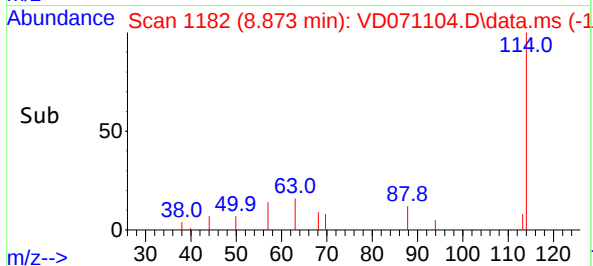
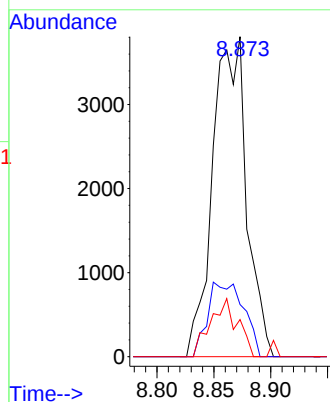
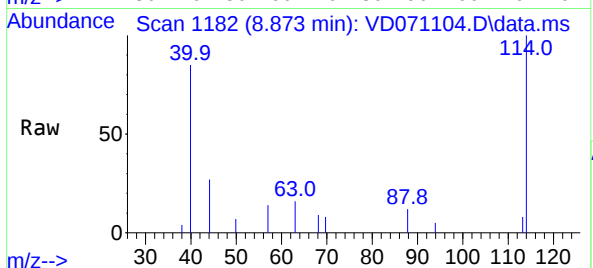
Tgt Ion:114 Resp: 7873

Ion Ratio Lower Upper

114 100

63 16.3 0.0 41.8

88 11.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.966 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.012 min

Lab File: VD071104.D

Acq: 01 Dec 2021 13:57

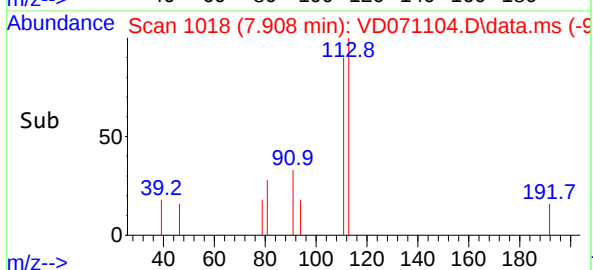
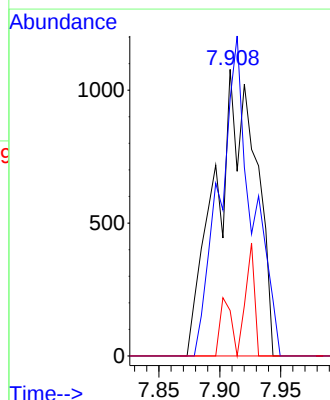
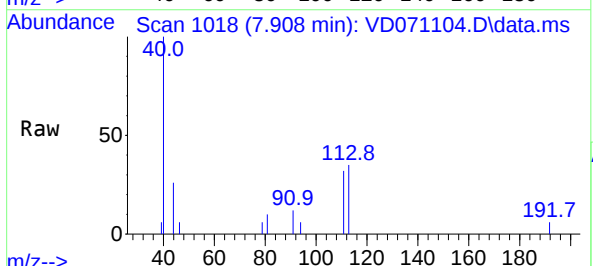
Tgt Ion:113 Resp: 2505

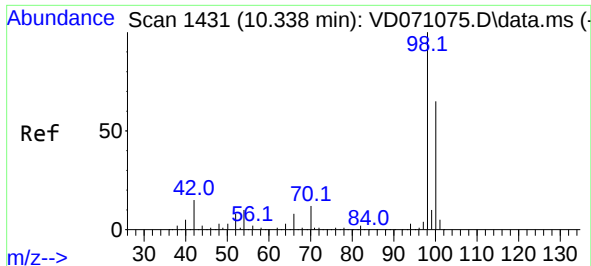
Ion Ratio Lower Upper

113 100

111 88.6 82.0 123.0

192 5.5 15.2 22.8#

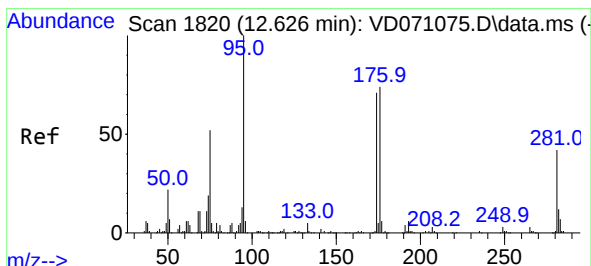
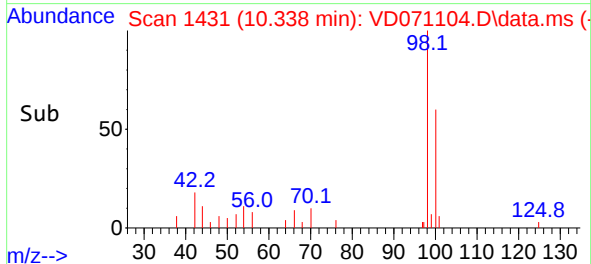
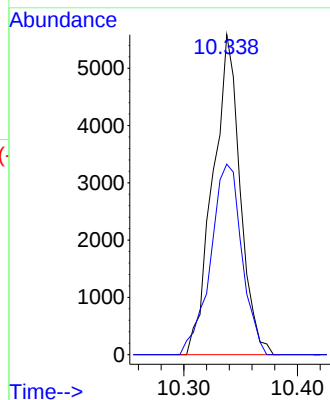
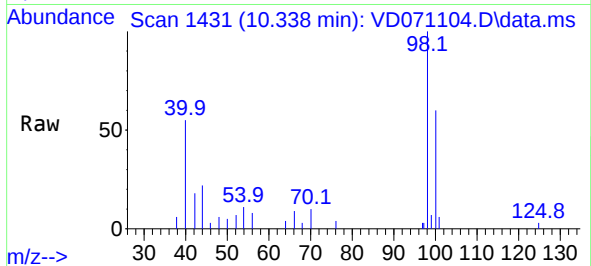




#50
Toluene-d8
Concen: 48.882 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071104.D
Acq: 01 Dec 2021 13:57

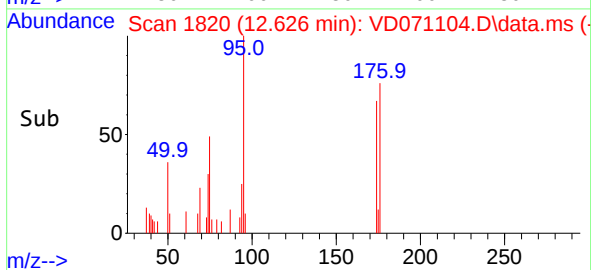
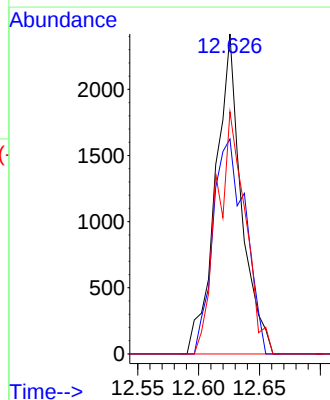
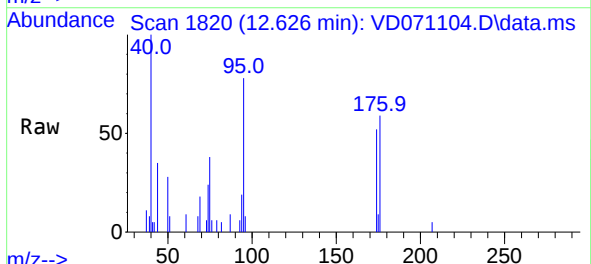
Instrument :
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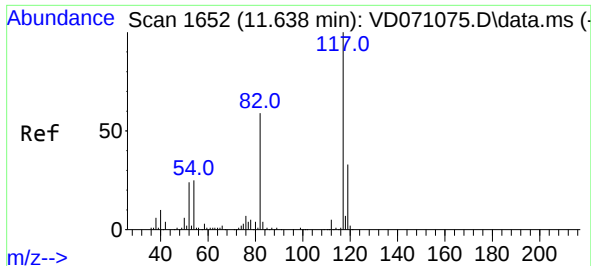
Tgt Ion: 98 Resp: 9326
Ion Ratio Lower Upper
98 100
100 68.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.178 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071104.D
Acq: 01 Dec 2021 13:57

Tgt Ion: 95 Resp: 3583
Ion Ratio Lower Upper
95 100
174 84.1 0.0 159.4
176 83.6 0.0 154.0

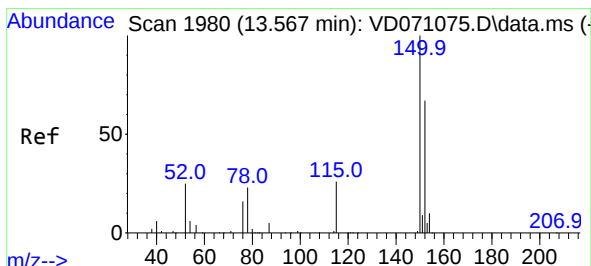
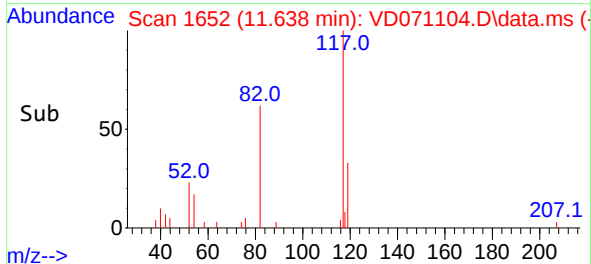
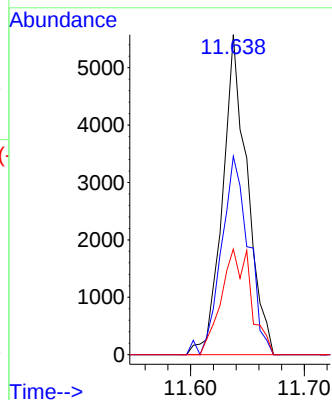
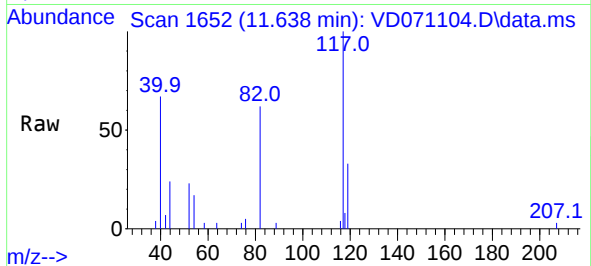




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071104.D
Acq: 01 Dec 2021 13:57

Instrument :
MSVOA_D
ClientSampleId :
LS-RO-COMP

Tgt Ion:117 Resp: 8440
Ion Ratio Lower Upper
117 100
82 62.0 44.7 67.1
119 33.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071104.D
Acq: 01 Dec 2021 13:57

Tgt Ion:152 Resp: 4097
Ion Ratio Lower Upper
152 100
115 61.8 29.8 89.3
150 147.9 0.0 349.2

