

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120221\
 Data File : VD071116.D
 Acq On : 02 Dec 2021 14:20
 Operator : VA/SY
 Sample : M4876-01
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-120121

Quant Time: Dec 03 00:37:27 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	2535	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.861	114	4618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	3685	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	1661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	1710	57.488	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.980%	
35) Dibromofluoromethane	7.914	113	819	27.851	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 55.700%	
50) Toluene-d8	10.338	98	4704	42.034	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 84.060%	
62) 4-Bromofluorobenzene	12.626	95	1405	36.219	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 72.440%	

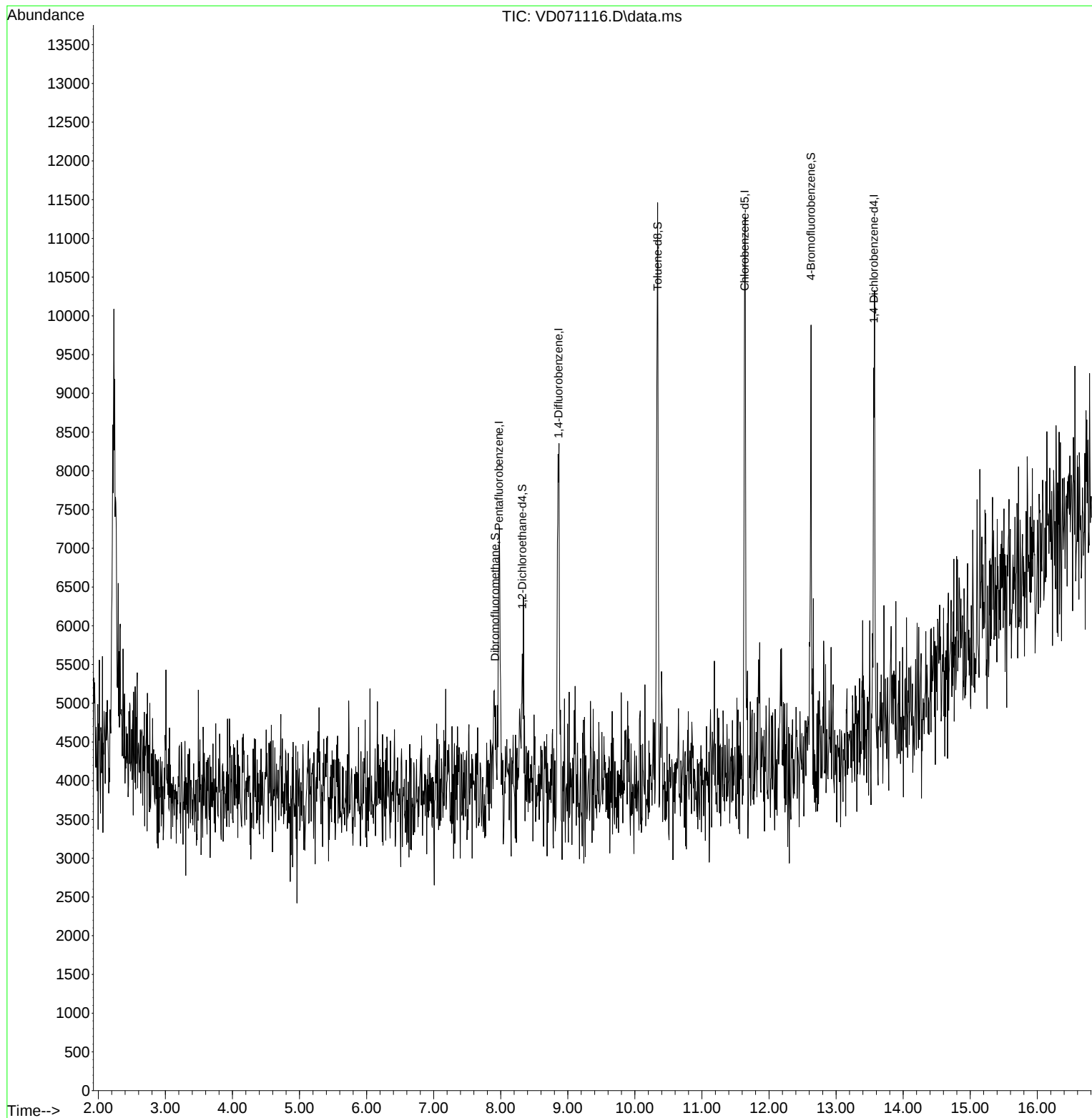
Target Compounds	Qvalue

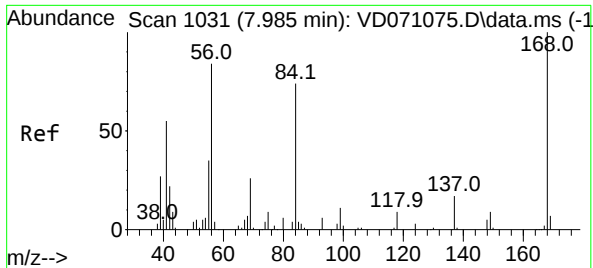
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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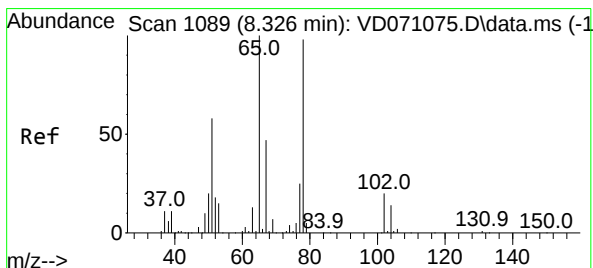
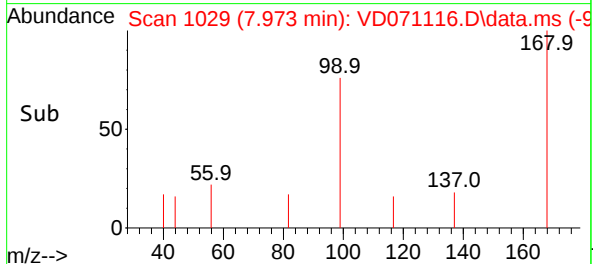
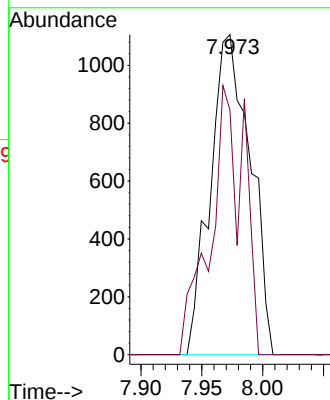
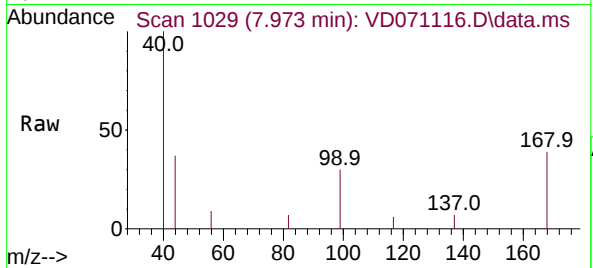




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071116.D
Acq: 02 Dec 2021 14:20

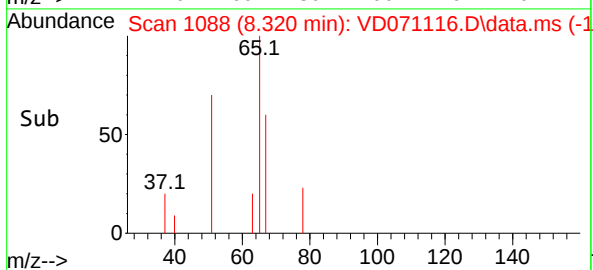
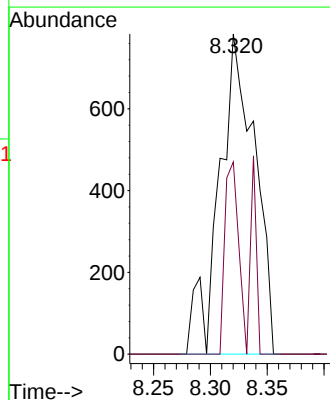
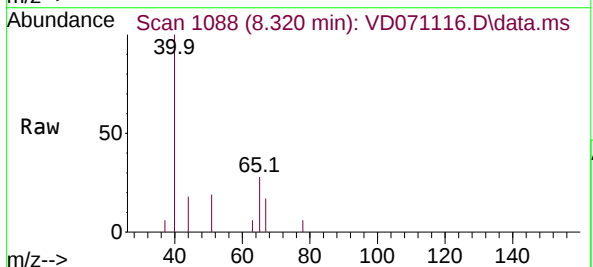
Instrument :
MSVOA_D
ClientSampleId :
CL-02-120121

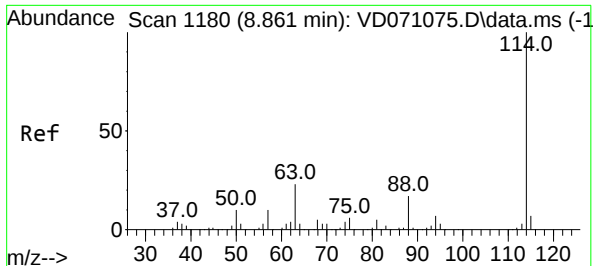
Tgt Ion:168 Resp: 2535
Ion Ratio Lower Upper
168 100
99 76.4 46.6 69.8#



#33
1,2-Dichloroethane-d4
Concen: 57.488 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD071116.D
Acq: 02 Dec 2021 14:20

Tgt Ion: 65 Resp: 1710
Ion Ratio Lower Upper
65 100
67 23.2 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: VD071116.D

Acq: 02 Dec 2021 14:20

Instrument :

MSVOA_D

ClientSampleId :

CL-02-120121

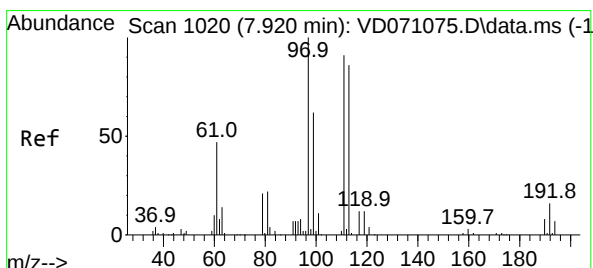
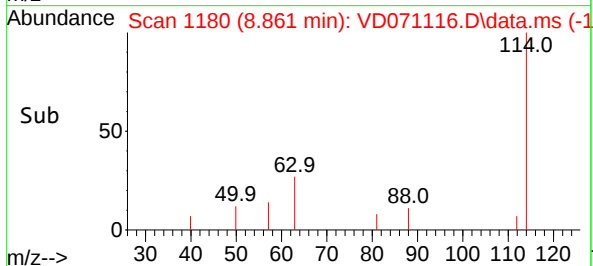
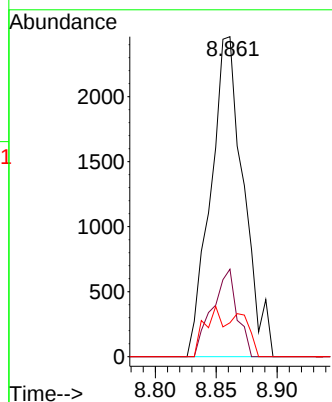
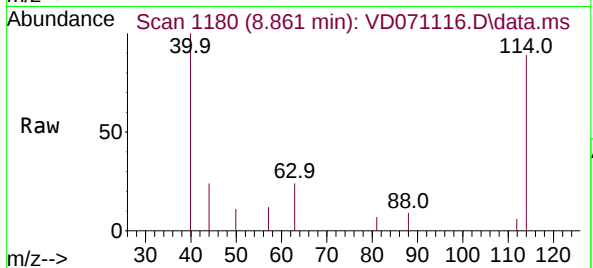
Tgt Ion:114 Resp: 4618

Ion Ratio Lower Upper

114 100

63 27.3 0.0 41.8

88 10.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 27.851 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071116.D

Acq: 02 Dec 2021 14:20

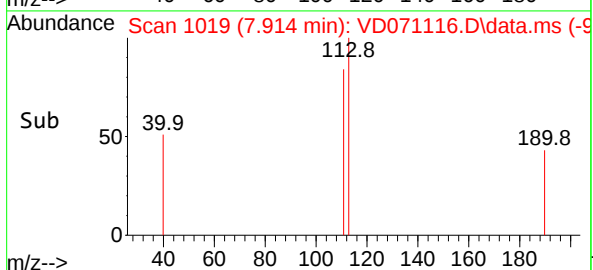
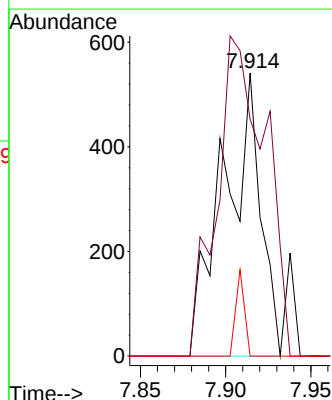
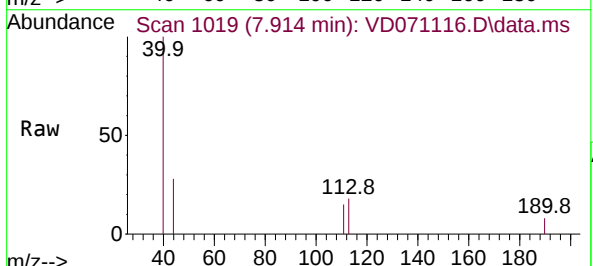
Tgt Ion:113 Resp: 819

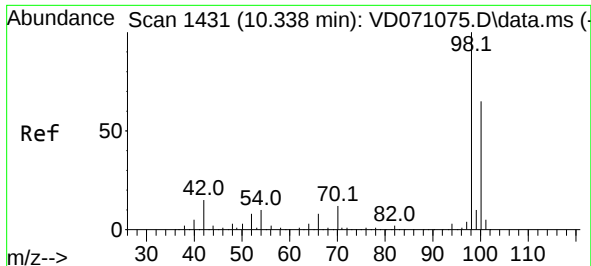
Ion Ratio Lower Upper

113 100

111 148.4 82.0 123.0#

192 7.1 15.2 22.8#

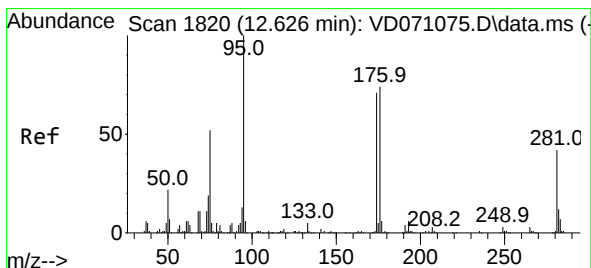
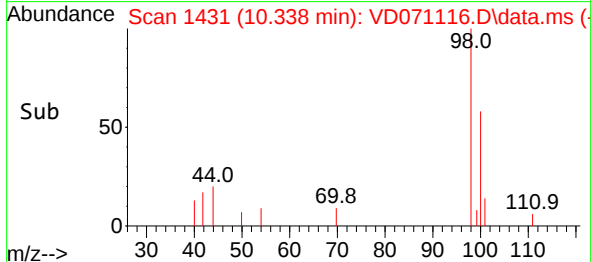
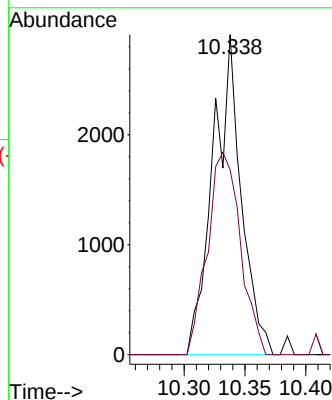
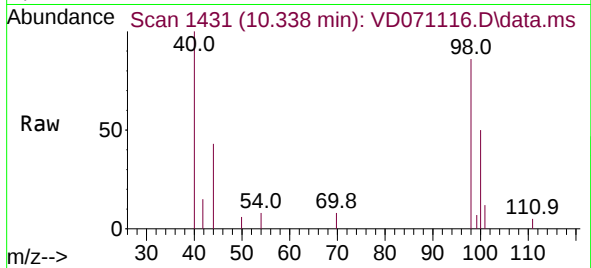




#50
Toluene-d8
Concen: 42.034 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071116.D
Acq: 02 Dec 2021 14:20

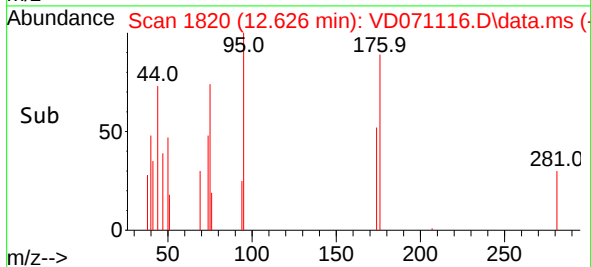
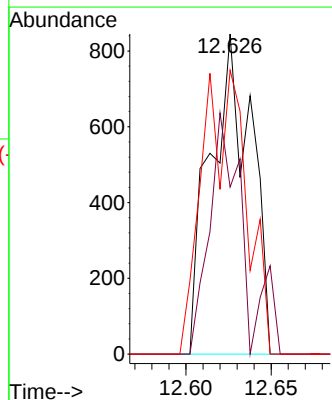
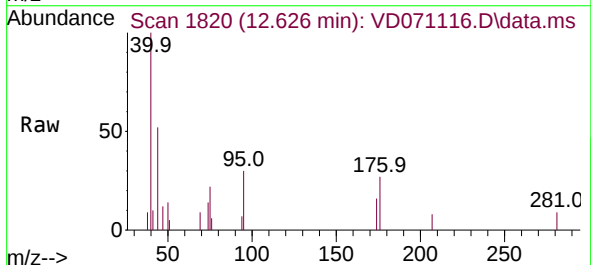
Instrument :
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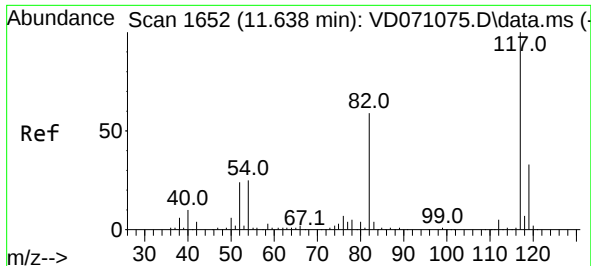
Tgt Ion: 98 Resp: 4704
Ion Ratio Lower Upper
98 100
100 73.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 36.219 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071116.D
Acq: 02 Dec 2021 14:20

Tgt Ion: 95 Resp: 1405
Ion Ratio Lower Upper
95 100
174 56.7 0.0 159.4
176 45.6 0.0 154.0

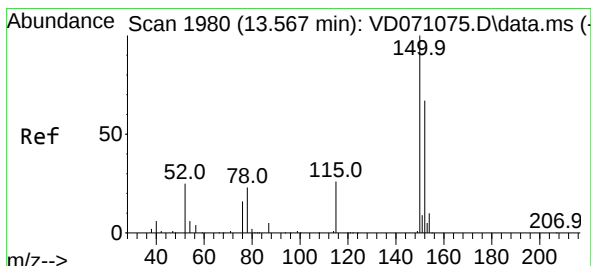
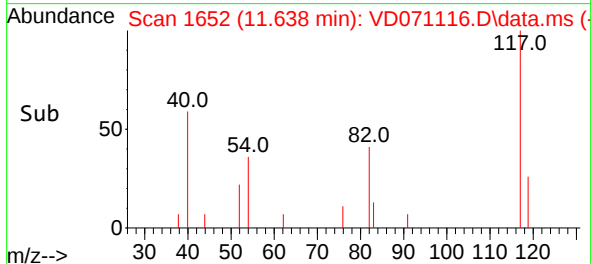
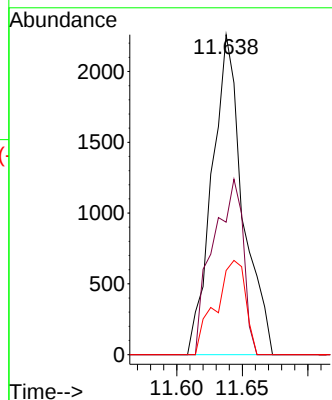
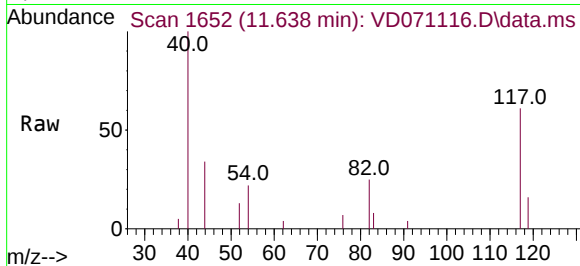




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071116.D
Acq: 02 Dec 2021 14:20

Instrument :
MSVOA_D
ClientSampleId :
CL-02-120121

Tgt Ion:117 Resp: 3685
Ion Ratio Lower Upper
117 100
82 41.4 44.7 67.1#
119 26.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071116.D
Acq: 02 Dec 2021 14:20

Tgt Ion:152 Resp: 1661
Ion Ratio Lower Upper
152 100
115 55.6 29.8 89.3
150 119.3 0.0 349.2

