

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120221\
 Data File : VD071120.D
 Acq On : 02 Dec 2021 16:13
 Operator : VA/SY
 Sample : M4891-03
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MINEBROOK-2-COMP

Quant Time: Dec 03 00:38:33 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	7.985	168	12362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	24482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	27637	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	13903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	12856	88.629	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 177.260%#	
35) Dibromofluoromethane	7.908	113	7084	45.440	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.880%	
50) Toluene-d8	10.338	98	31057	52.348	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.700%	
62) 4-Bromofluorobenzene	12.620	95	13779	67.002	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 134.000%	

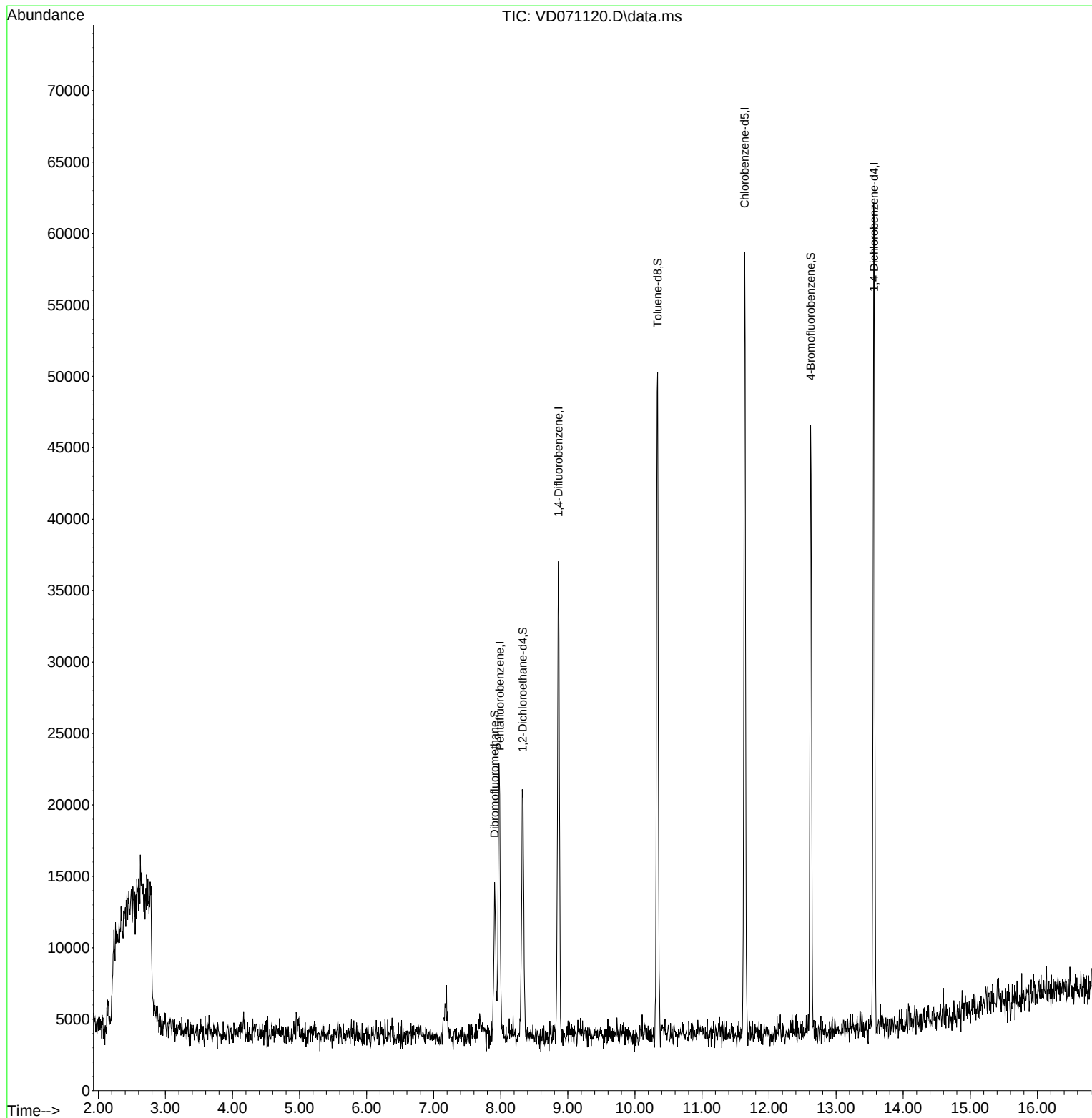
Target Compounds	Qvalue

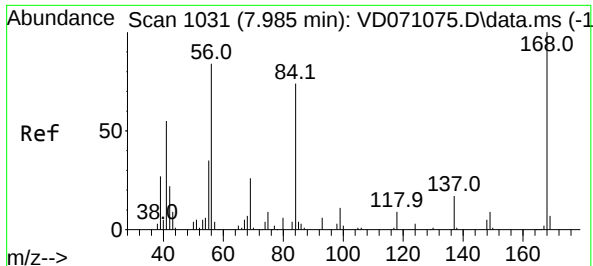
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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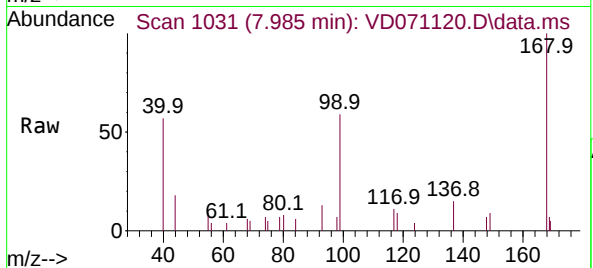
Quant Time: Dec 03 00:38:33 2021
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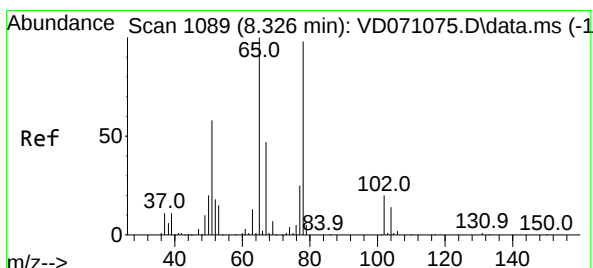
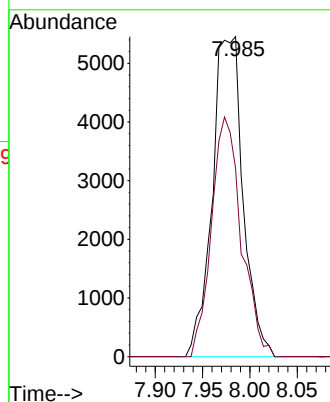
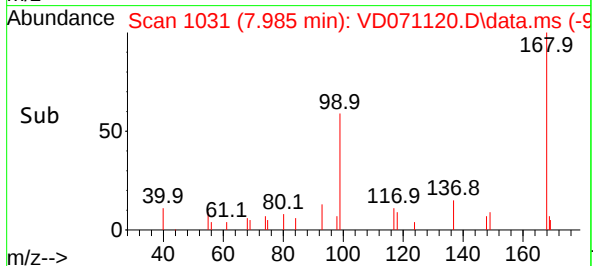


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071120.D
Acq: 02 Dec 2021 16:13

Instrument :
MSVOA_D
ClientSampleId :
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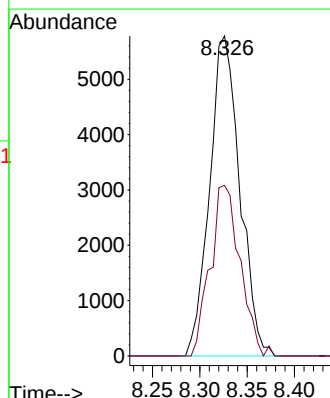
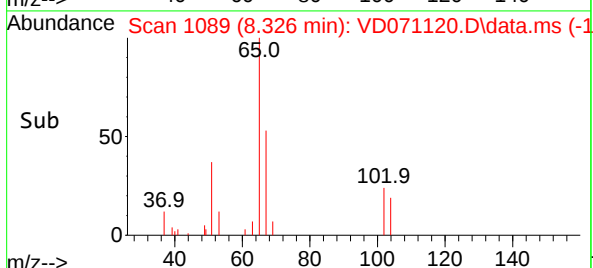
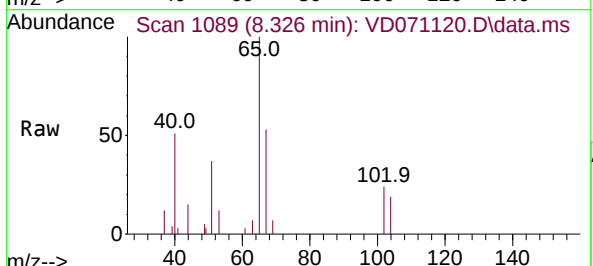


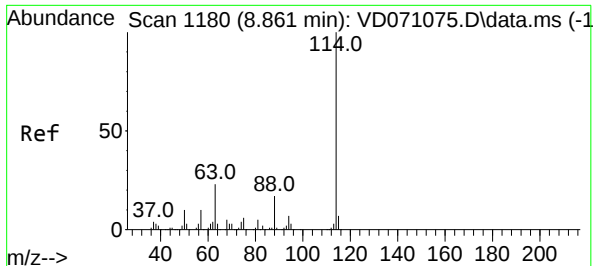
Tgt Ion:168 Resp: 12362
Ion Ratio Lower Upper
168 100
99 58.9 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 88.629 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071120.D
Acq: 02 Dec 2021 16:13

Tgt Ion: 65 Resp: 12856
Ion Ratio Lower Upper
65 100
67 52.7 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: VD071120.D

Acq: 02 Dec 2021 16:13

Instrument :

MSVOA_D

ClientSampleId :

MINEBROOK-2-COMP

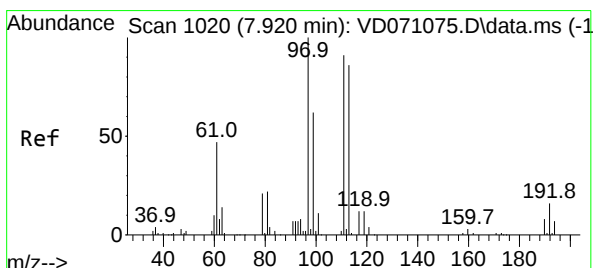
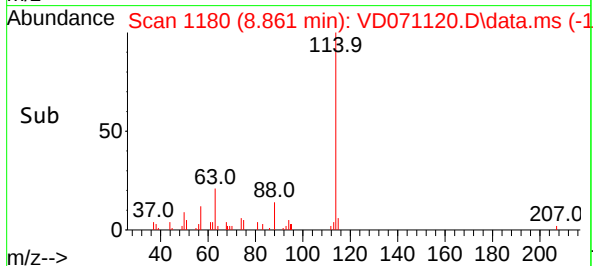
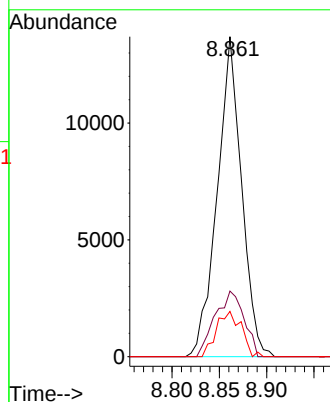
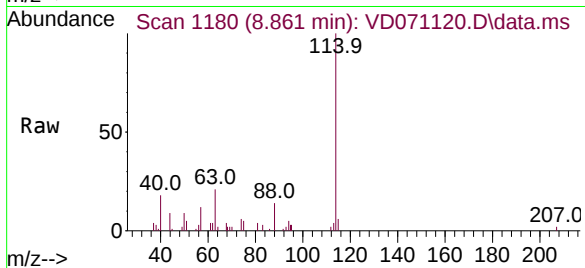
Tgt Ion:114 Resp: 24482

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.8

88 14.1 0.0 32.8



#35

Dibromofluoromethane

Concen: 45.440 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.012 min

Lab File: VD071120.D

Acq: 02 Dec 2021 16:13

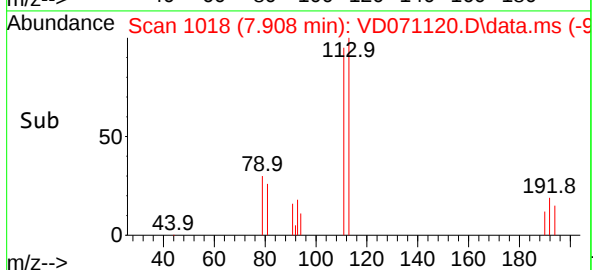
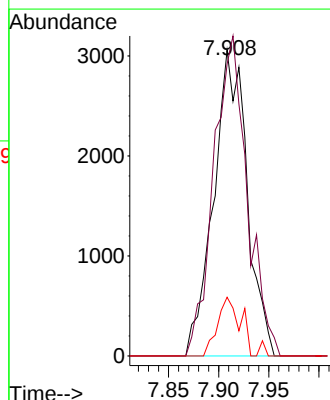
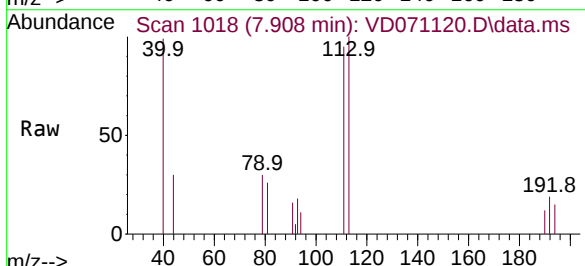
Tgt Ion:113 Resp: 7084

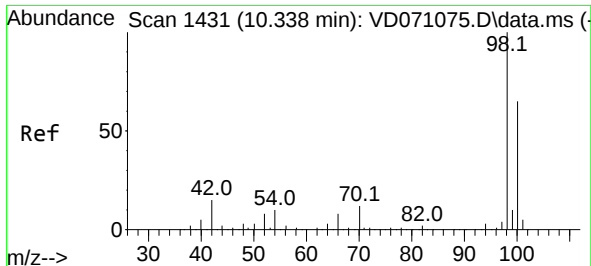
Ion Ratio Lower Upper

113 100

111 105.1 82.0 123.0

192 13.0 15.2 22.8#

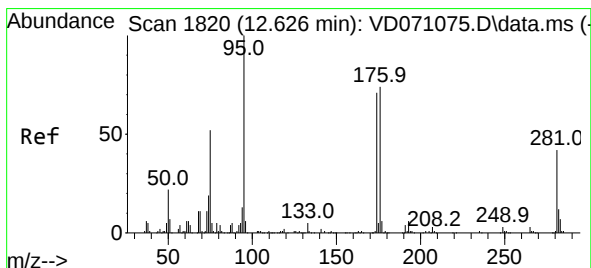
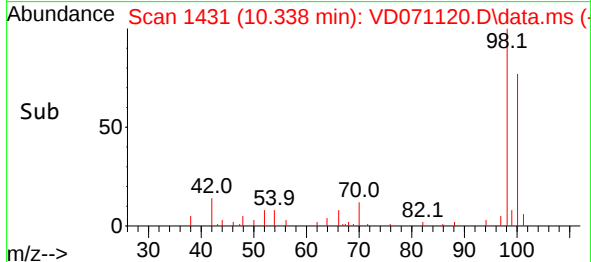
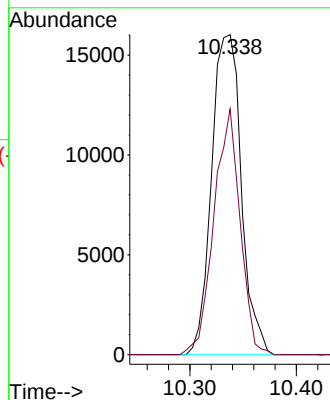
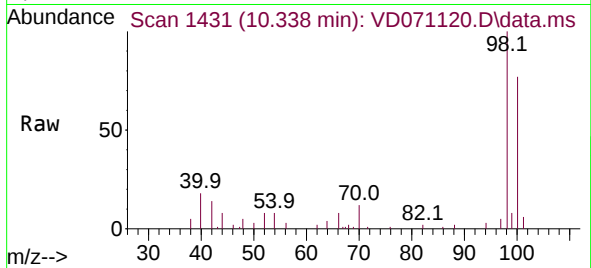




#50
Toluene-d8
Concen: 52.348 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071120.D
Acq: 02 Dec 2021 16:13

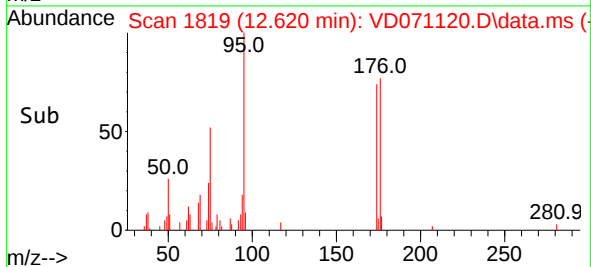
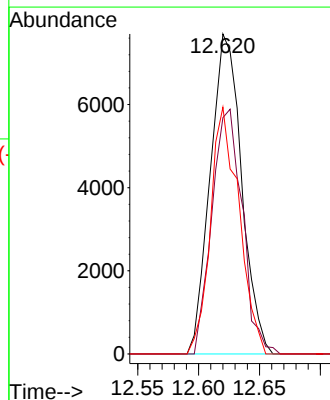
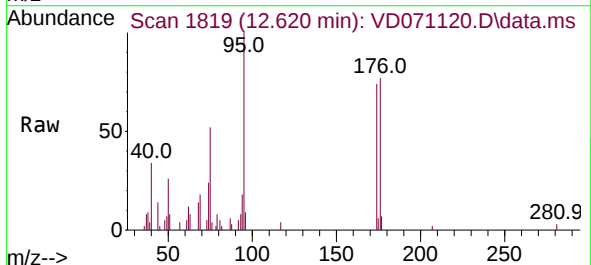
Instrument :
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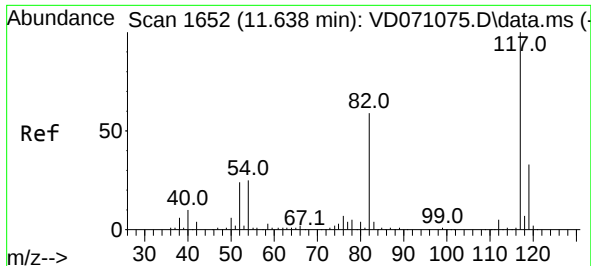
Tgt Ion: 98 Resp: 31057
Ion Ratio Lower Upper
98 100
100 67.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 67.002 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071120.D
Acq: 02 Dec 2021 16:13

Tgt Ion: 95 Resp: 13779
Ion Ratio Lower Upper
95 100
174 74.1 0.0 159.4
176 70.0 0.0 154.0

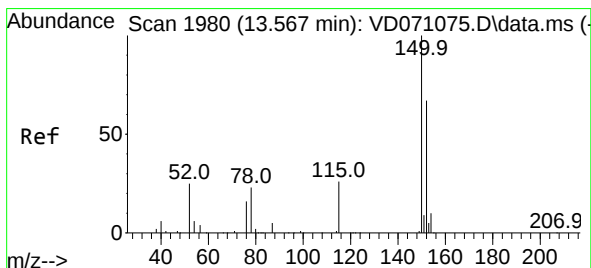
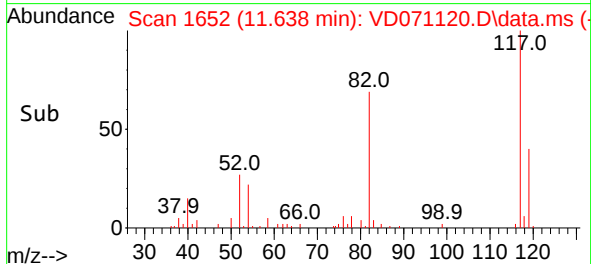
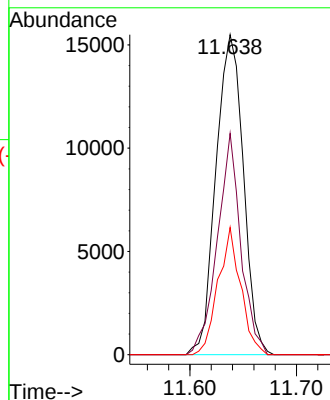
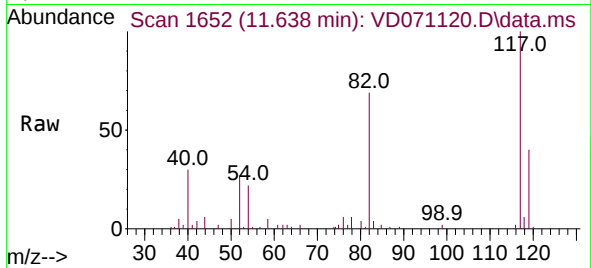




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071120.D
Acq: 02 Dec 2021 16:13

Instrument :
MSVOA_D
ClientSampleId :
MINEBROOK-2-COMP

Tgt Ion:117 Resp: 27637
Ion Ratio Lower Upper
117 100
82 69.1 44.7 67.1#
119 39.7 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: VD071120.D
Acq: 02 Dec 2021 16:13

Tgt Ion:152 Resp: 13903
Ion Ratio Lower Upper
152 100
115 64.2 29.8 89.3
150 161.4 0.0 349.2

