

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120221\
 Data File : VD071118.D
 Acq On : 02 Dec 2021 15:16
 Operator : VA/SY
 Sample : M4891-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MINEBROOK-1-COMP

Quant Time: Dec 03 00:38:06 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	3830	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.867	114	7612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	7572	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	2978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	3017	67.133	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.260%	
35) Dibromofluoromethane	7.903	113	2115	43.633	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 87.260%	
50) Toluene-d8	10.332	98	9624	52.173	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.340%	
62) 4-Bromofluorobenzene	12.626	95	3925	61.384	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 122.760%	

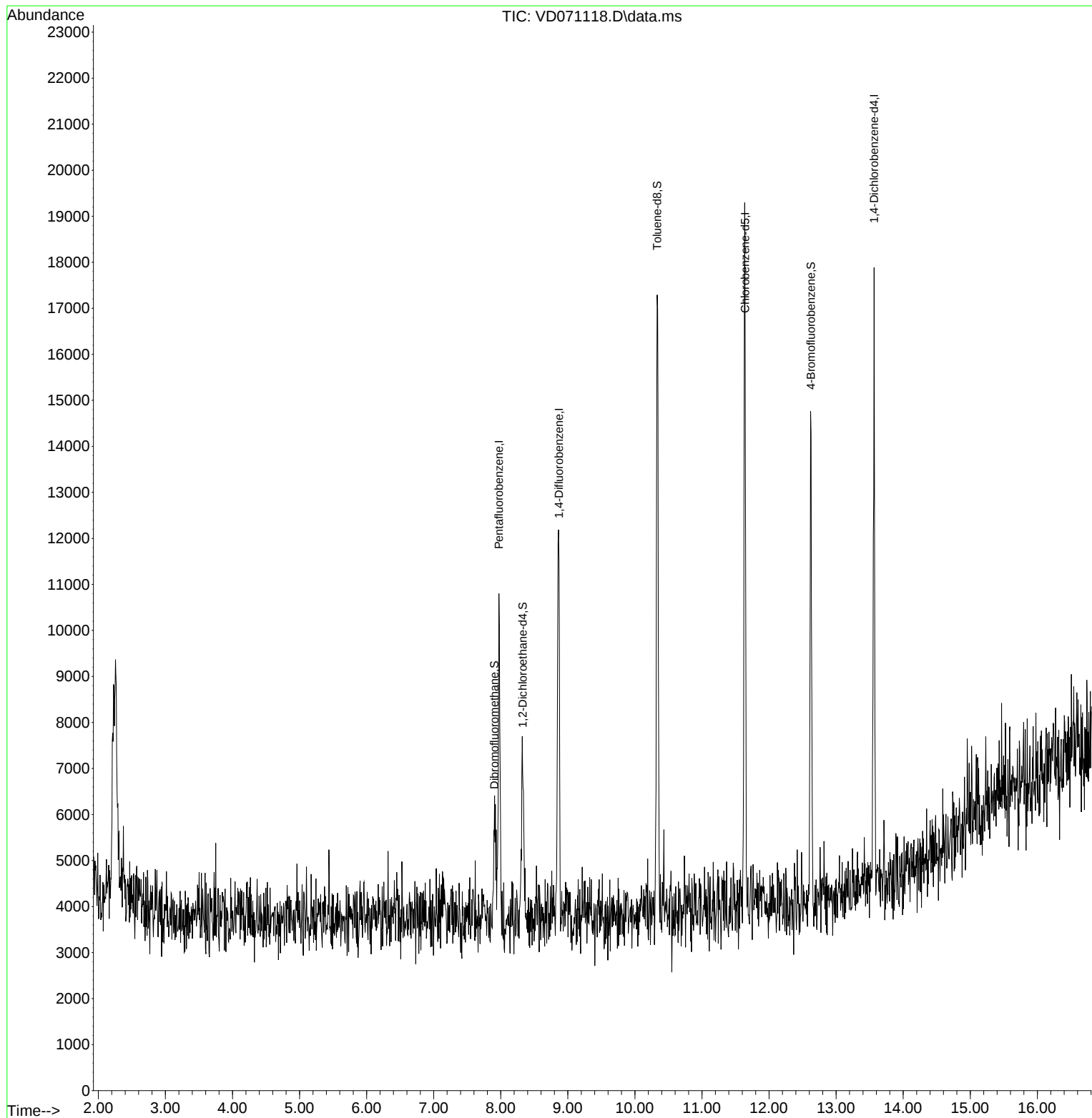
Target Compounds Qvalue

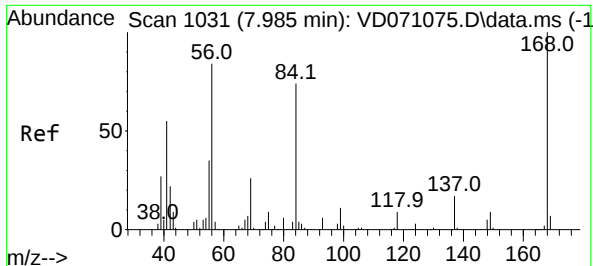
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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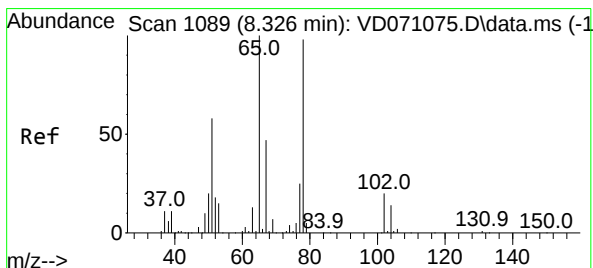
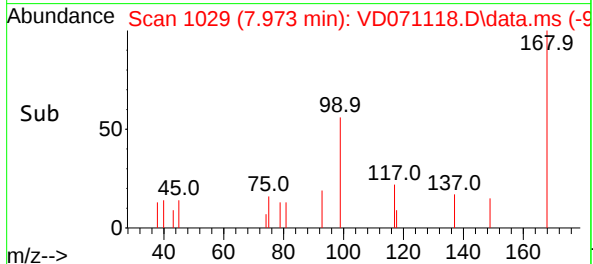
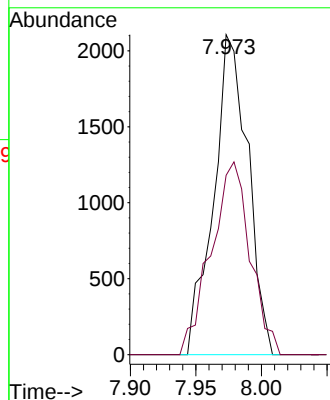
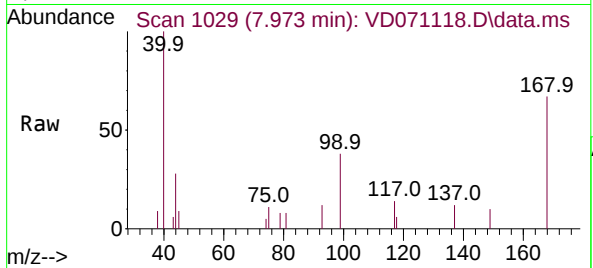




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071118.D
Acq: 02 Dec 2021 15:16

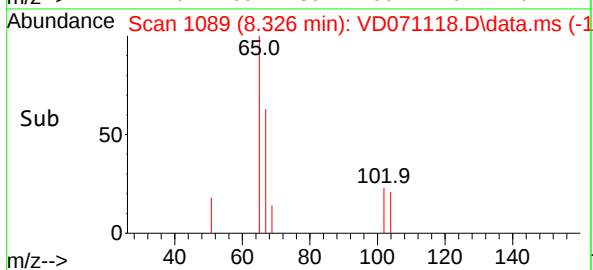
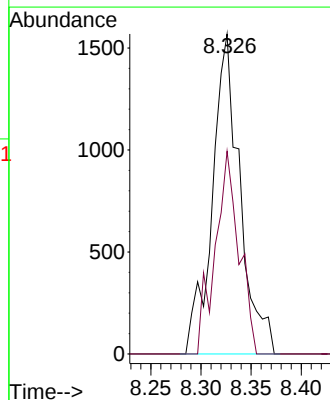
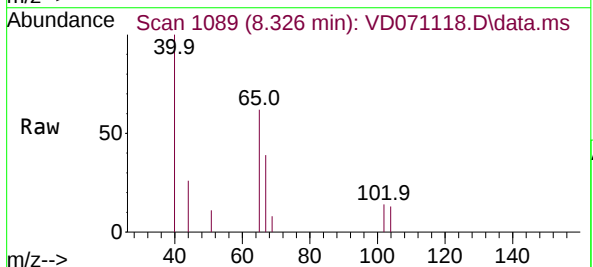
Instrument :
MSVOA_D
ClientSampleId :
MINEBROOK-1-COMP

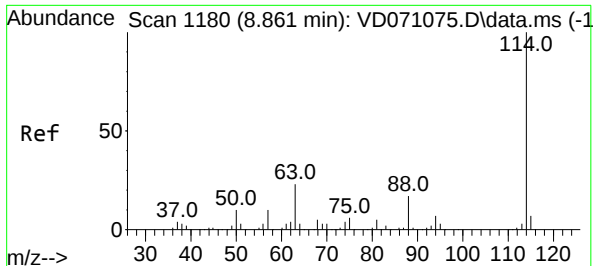
Tgt Ion:168 Resp: 3830
Ion Ratio Lower Upper
168 100
99 56.1 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 67.133 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071118.D
Acq: 02 Dec 2021 15:16

Tgt Ion: 65 Resp: 3017
Ion Ratio Lower Upper
65 100
67 54.7 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD071118.D

Acq: 02 Dec 2021 15:16

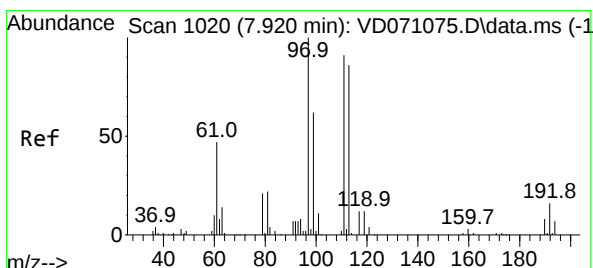
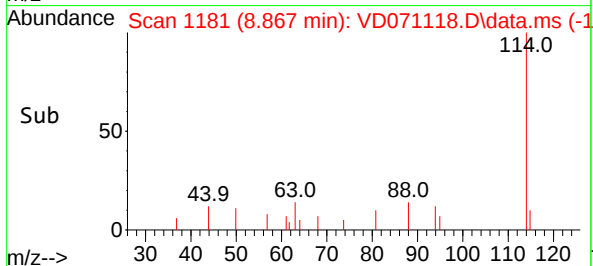
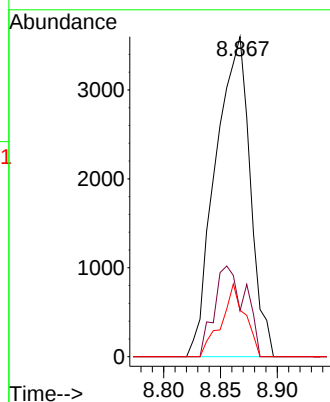
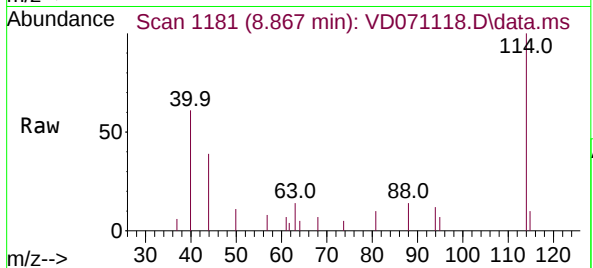
Instrument :

MSVOA_D

ClientSampleId :

MINEBROOK-1-COMP

Tgt Ion:114	Resp:	7612
Ion Ratio	Lower	Upper
114	100	
63	14.4	0.0 41.8
88	14.5	0.0 32.8



#35

Dibromofluoromethane

Concen: 43.633 ug/l

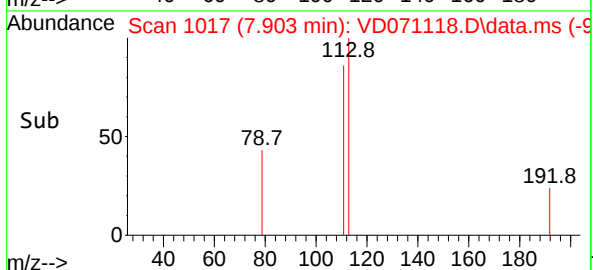
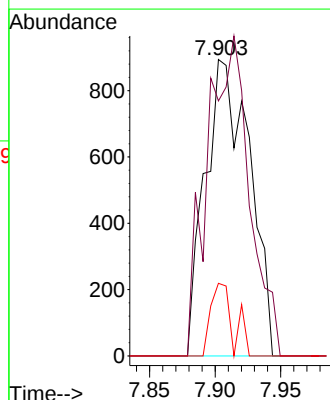
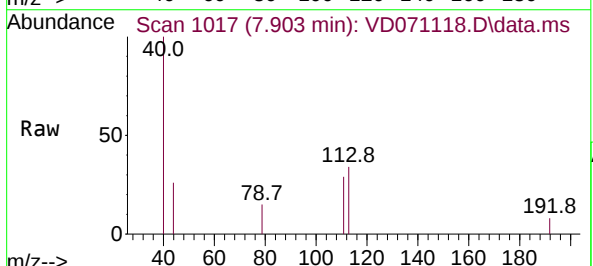
RT: 7.903 min Scan# 1017

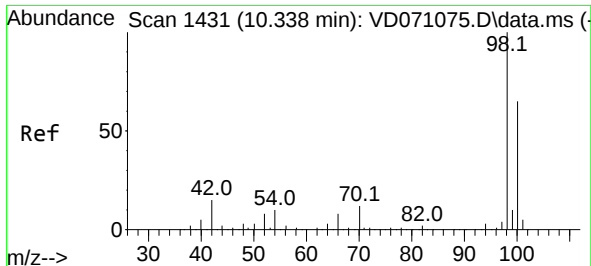
Delta R.T. -0.017 min

Lab File: VD071118.D

Acq: 02 Dec 2021 15:16

Tgt Ion:113	Resp:	2115
Ion Ratio	Lower	Upper
113	100	
111	102.1	82.0 123.0
192	12.3	15.2 22.8

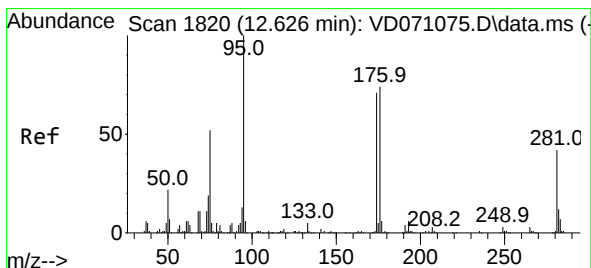
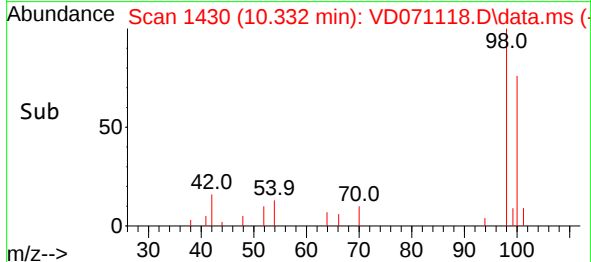
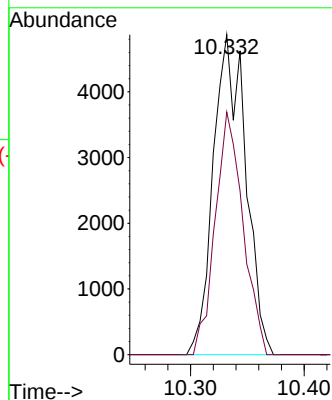
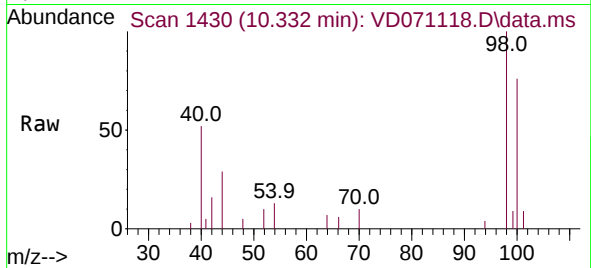




#50
Toluene-d8
Concen: 52.173 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071118.D
Acq: 02 Dec 2021 15:16

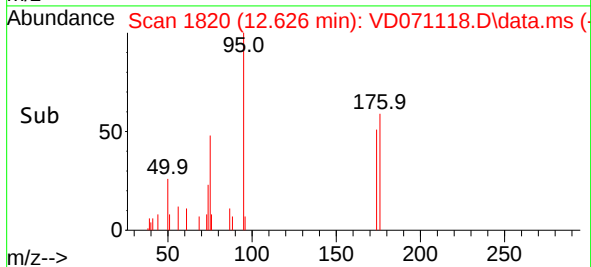
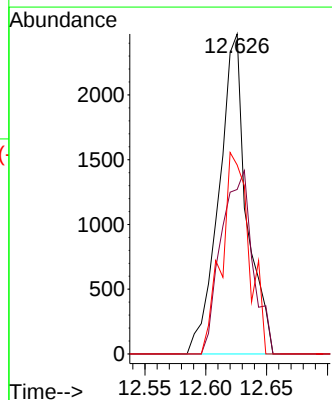
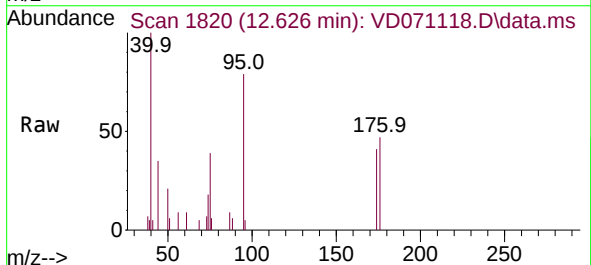
Instrument :
MSVOA_D
ClientSampleId :
MINEBROOK-1-COMP

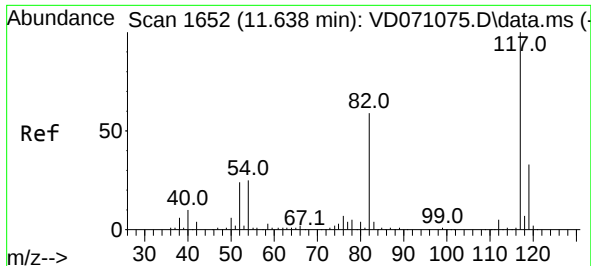
Tgt Ion: 98 Resp: 9624
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 61.384 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071118.D
Acq: 02 Dec 2021 15:16

Tgt Ion: 95 Resp: 3925
Ion Ratio Lower Upper
95 100
174 64.9 0.0 159.4
176 62.7 0.0 154.0

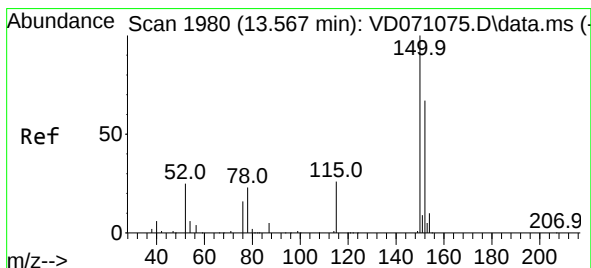
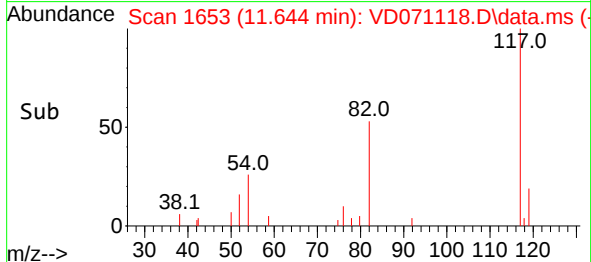
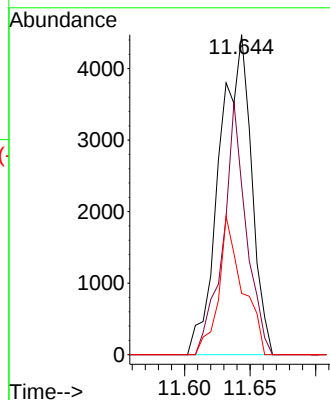
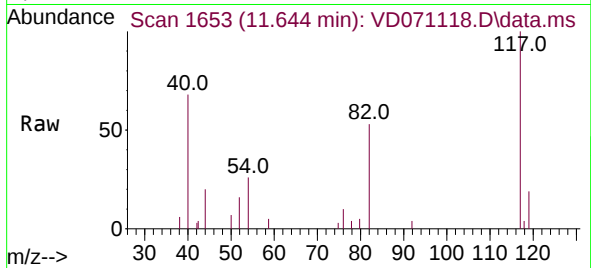




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 117
Delta R.T. 0.005 min
Lab File: VD071118.D
Acq: 02 Dec 2021 15:16

Instrument :
MSVOA_D
ClientSampleId :
MINEBROOK-1-COMP

Tgt Ion:117 Resp: 7572
Ion Ratio Lower Upper
117 100
82 52.9 44.7 67.1
119 19.2 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: VD071118.D
Acq: 02 Dec 2021 15:16

Tgt Ion:152 Resp: 2978
Ion Ratio Lower Upper
152 100
115 61.6 29.8 89.3
150 162.2 0.0 349.2

