

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120221\
 Data File : VD071124.D
 Acq On : 02 Dec 2021 18:06
 Operator : VA/SY
 Sample : M4891-03RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MINEBROOK-2-COMP

Quant Time: Dec 03 00:41:18 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	15874	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	26028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	30689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	16311	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	14498	77.836	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.680%
35) Dibromofluoromethane	7.908	113	8329	50.252	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.500%
50) Toluene-d8	10.332	98	34082	54.035	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.060%
62) 4-Bromofluorobenzene	12.620	95	14982	68.524	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	137.040%

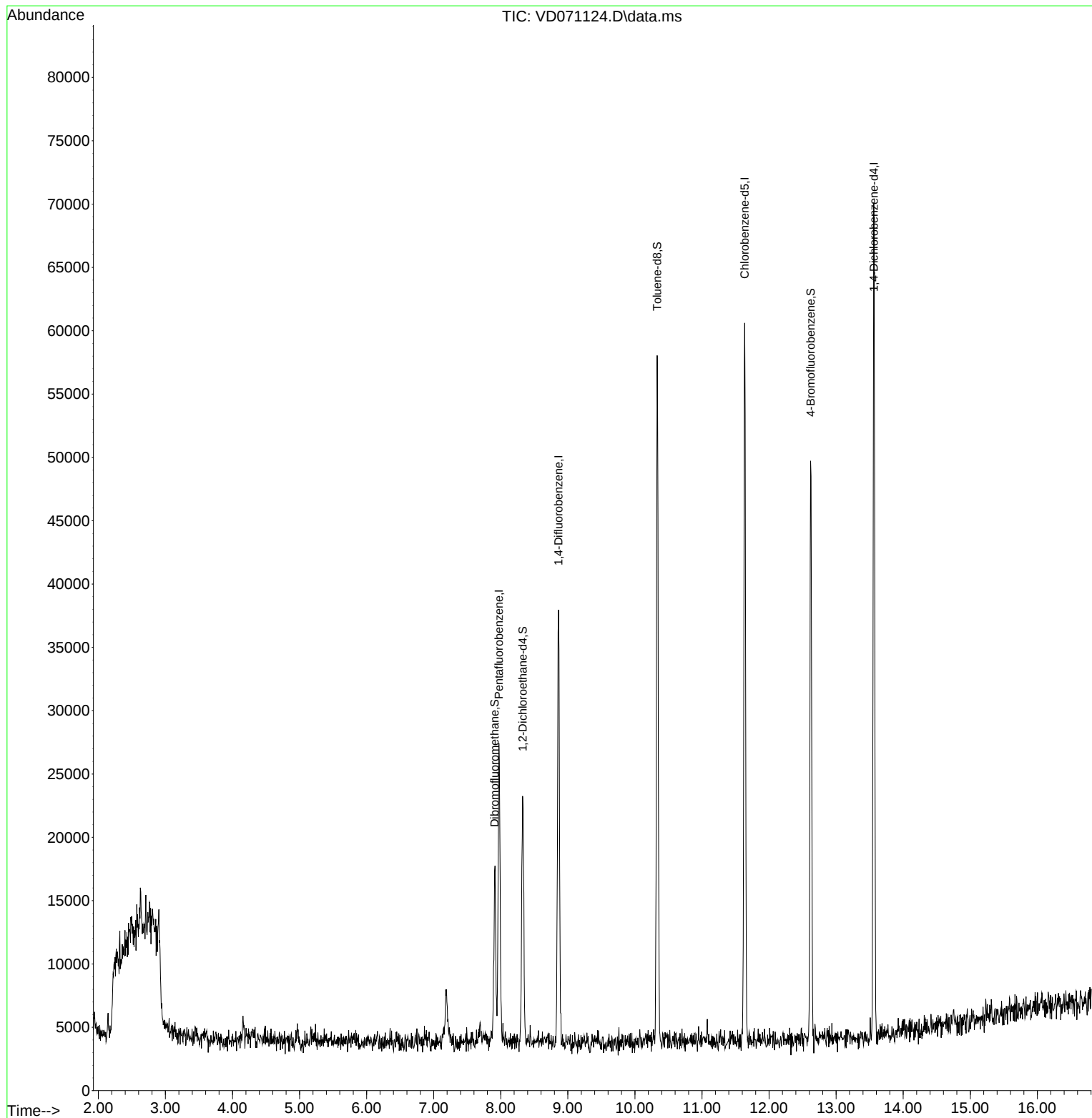
Target Compounds	Qvalue

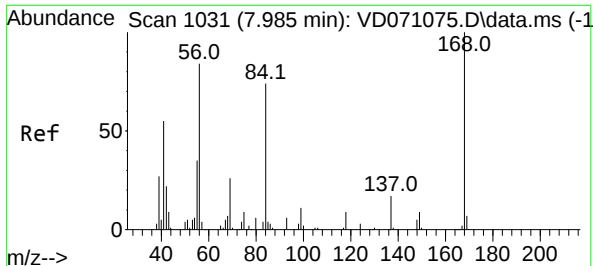
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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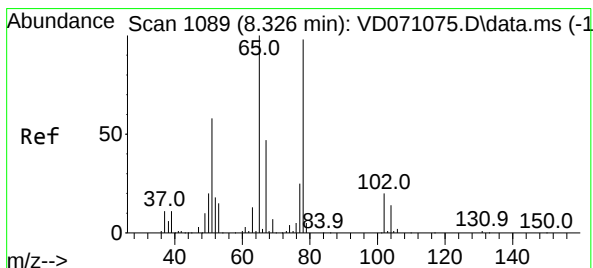
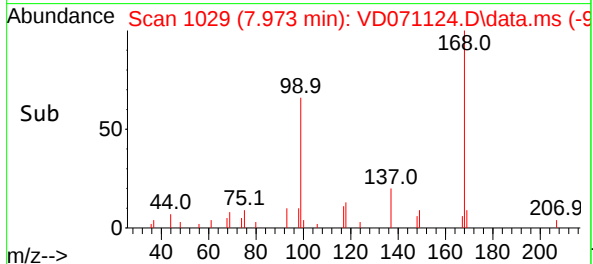
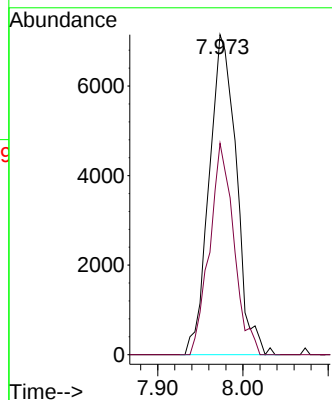
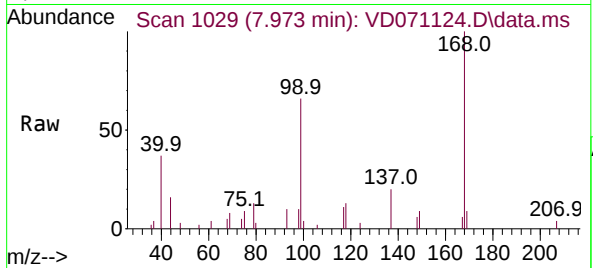




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071124.D
Acq: 02 Dec 2021 18:06

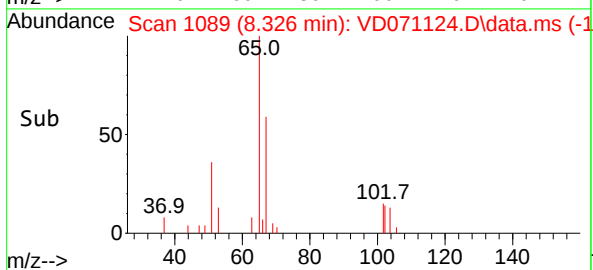
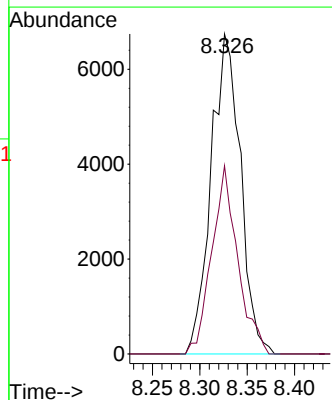
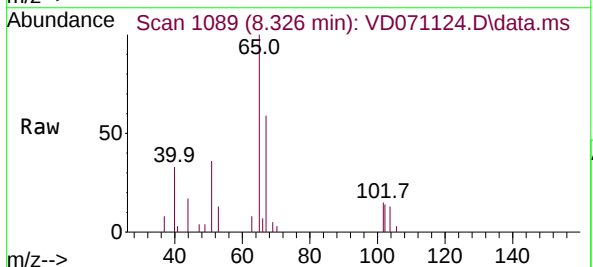
Instrument :
MSVOA_D
ClientSampleId :
MINEBROOK-2-COMP

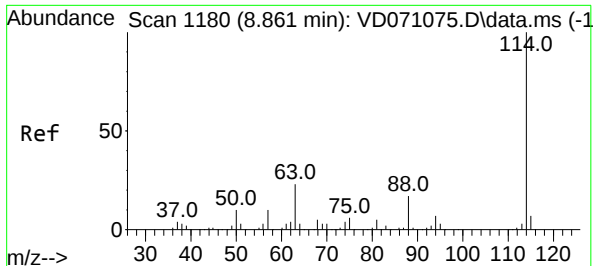
Tgt Ion:168 Resp: 15874
Ion Ratio Lower Upper
168 100
99 66.0 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 77.836 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071124.D
Acq: 02 Dec 2021 18:06

Tgt Ion: 65 Resp: 14498
Ion Ratio Lower Upper
65 100
67 52.2 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: VD071124.D

Acq: 02 Dec 2021 18:06

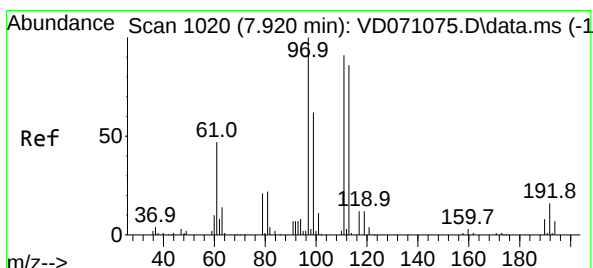
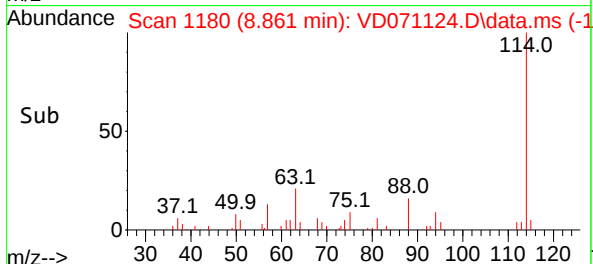
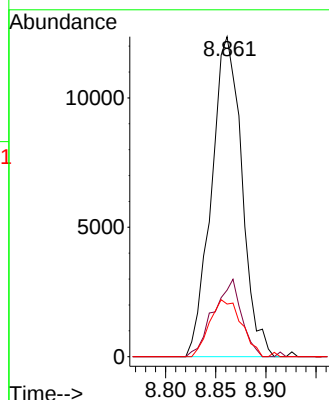
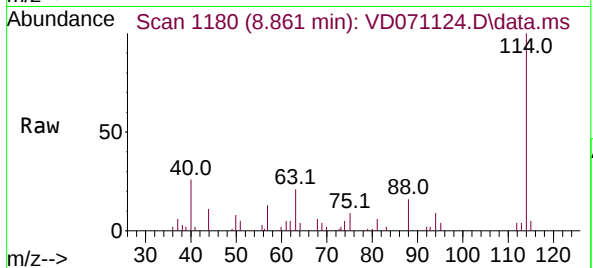
Instrument :

MSVOA_D

ClientSampleId :

MINEBROOK-2-COMP

Tgt Ion:114	Resp:	26028
Ion Ratio	Lower	Upper
114	100	
63	20.8	0.0 41.8
88	16.5	0.0 32.8



#35

Dibromofluoromethane

Concen: 50.252 ug/l

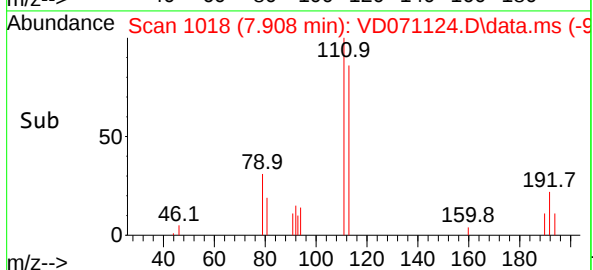
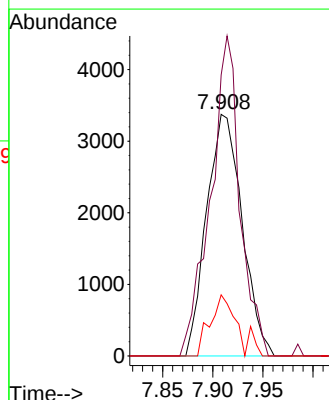
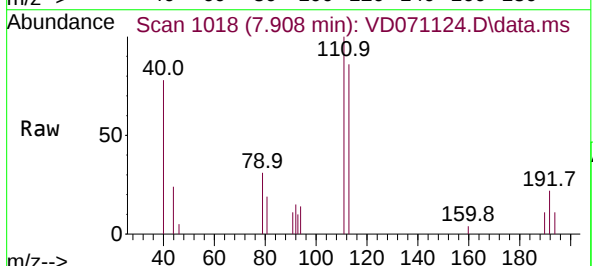
RT: 7.908 min Scan# 1018

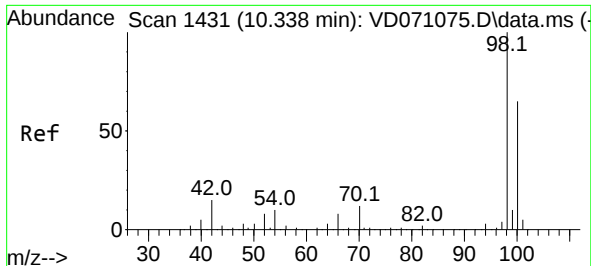
Delta R.T. -0.012 min

Lab File: VD071124.D

Acq: 02 Dec 2021 18:06

Tgt Ion:113	Resp:	8329
Ion Ratio	Lower	Upper
113	100	
111	109.6	82.0 123.0
192	17.0	15.2 22.8

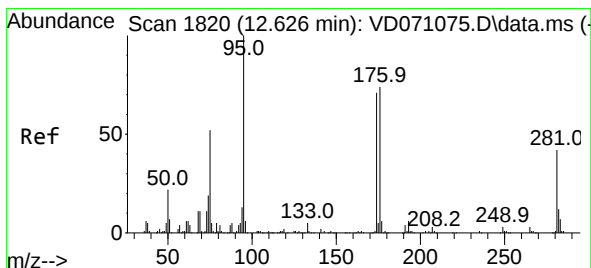
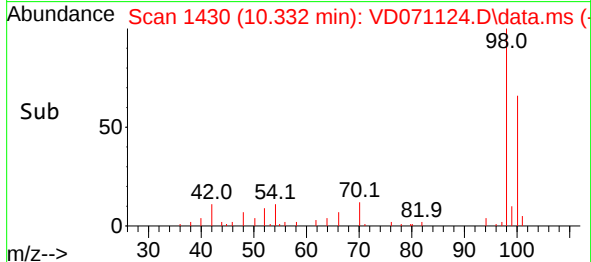
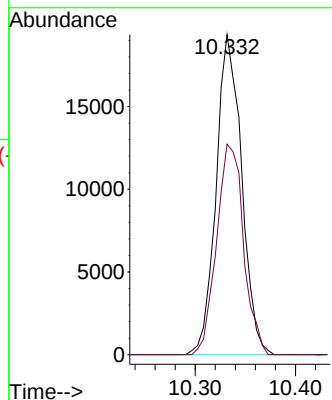
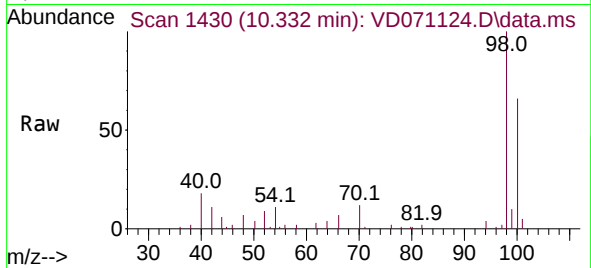




#50
Toluene-d8
Concen: 54.035 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071124.D
Acq: 02 Dec 2021 18:06

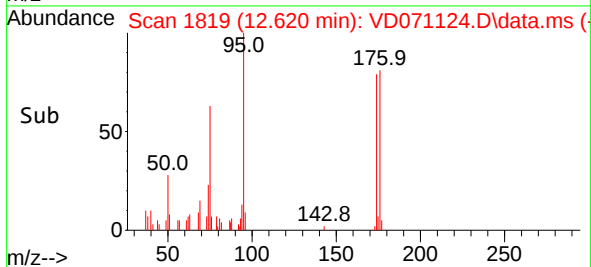
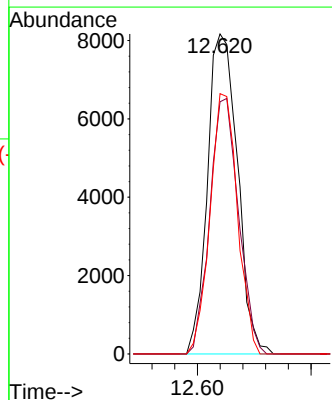
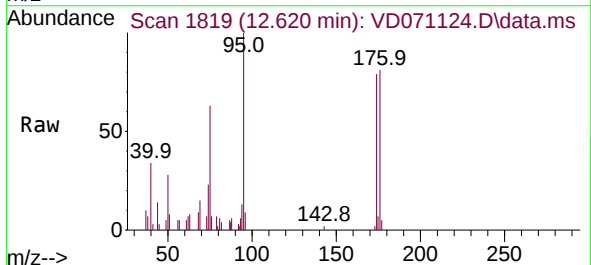
Instrument :
MSVOA_D
ClientSampleId :
MINEBROOK-2-COMP

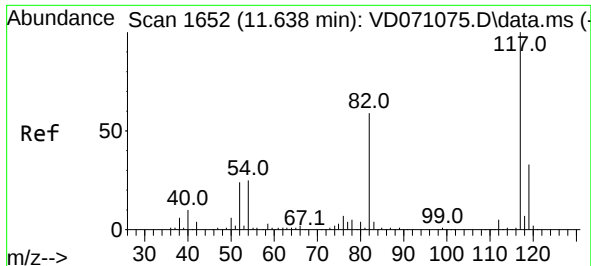
Tgt Ion: 98 Resp: 34082
Ion Ratio Lower Upper
98 100
100 69.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 68.524 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071124.D
Acq: 02 Dec 2021 18:06

Tgt Ion: 95 Resp: 14982
Ion Ratio Lower Upper
95 100
174 76.7 0.0 159.4
176 74.2 0.0 154.0

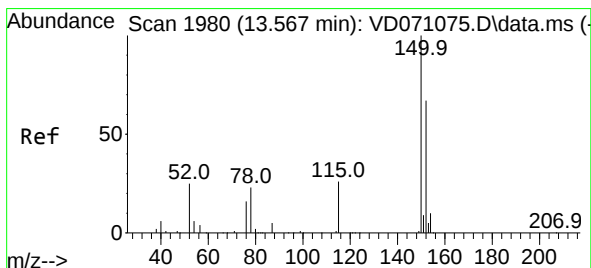
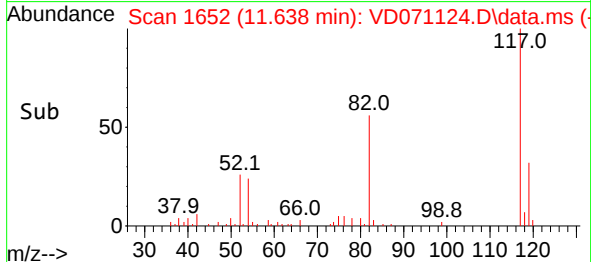
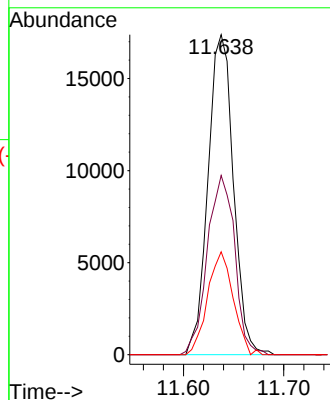
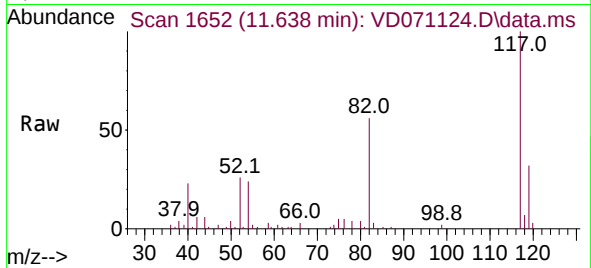




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071124.D
Acq: 02 Dec 2021 18:06

Instrument :
MSVOA_D
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Tgt Ion:	117	Resp:	30689
Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.7	67.1
119	32.1	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: VD071124.D
Acq: 02 Dec 2021 18:06

Tgt Ion:	152	Resp:	16311
Ion	Ratio	Lower	Upper
152	100		
115	57.5	29.8	89.3
150	151.3	0.0	349.2

