

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050222\
 Data File : VD072758.D
 Acq On : 02 May 2022 20:58
 Operator : VA/SY
 Sample : N2604-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-042822

Quant Time: May 03 08:37:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	10567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	17449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	18898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	7588	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	10884	79.348	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	158.700%
35) Dibromofluoromethane	7.908	113	8721	71.165	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	142.340%
50) Toluene-d8	10.332	98	20551	46.751	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.500%
62) 4-Bromofluorobenzene	12.620	95	7445	45.421	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.840%

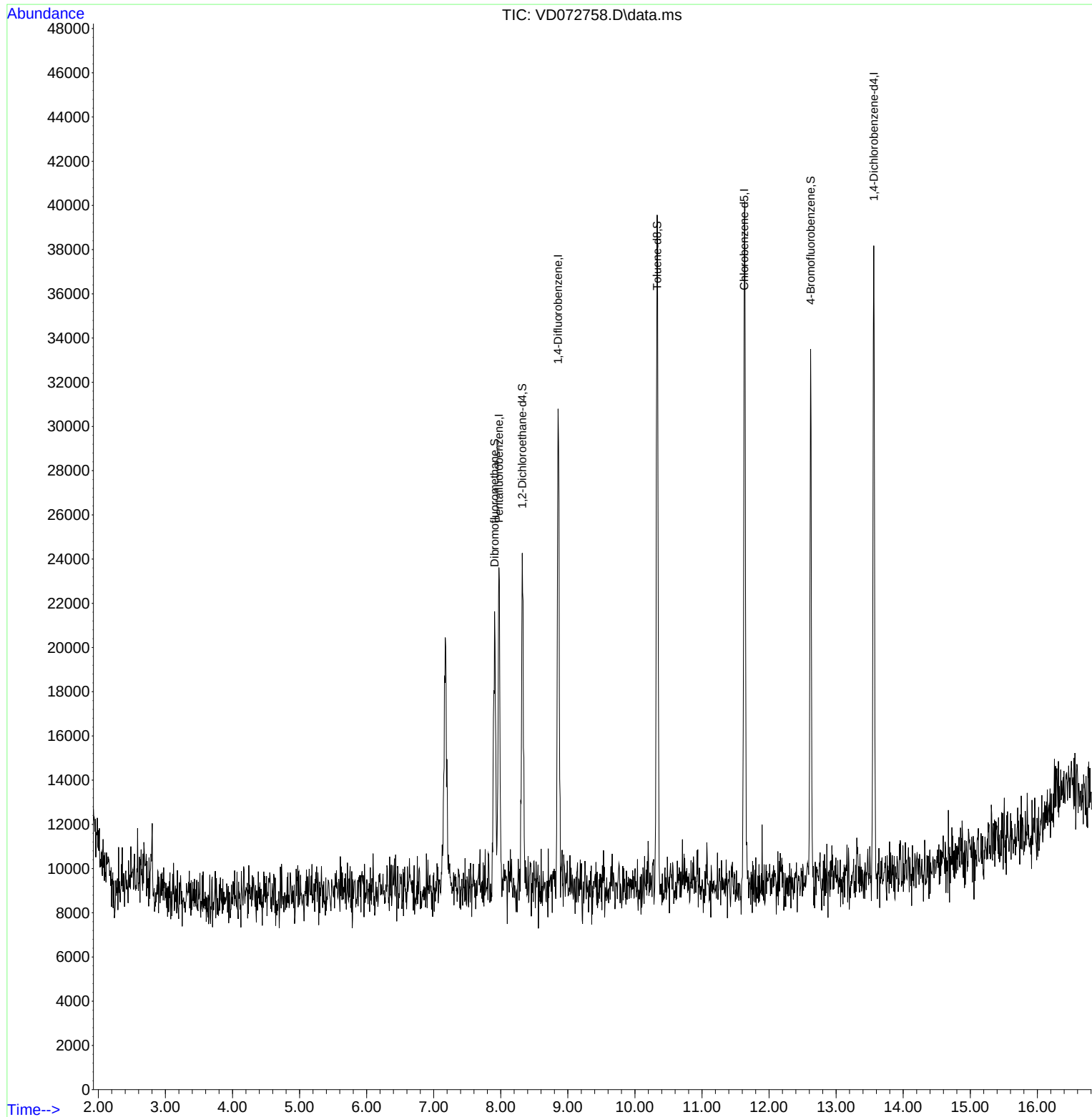
Target Compounds	Qvalue

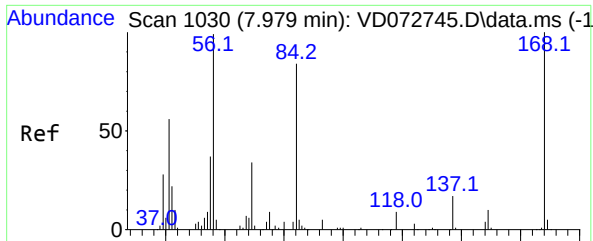
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD072758.D

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MSVOA_D

ClientSampleId :

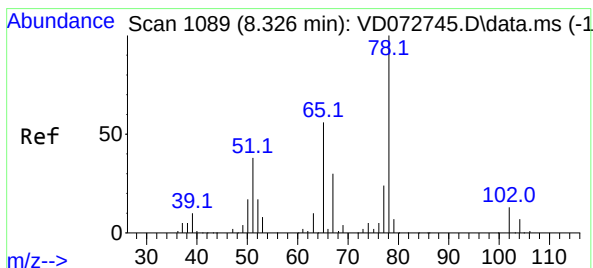
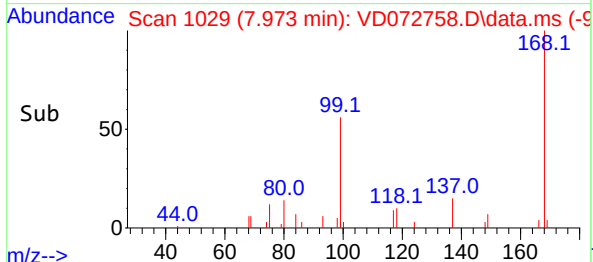
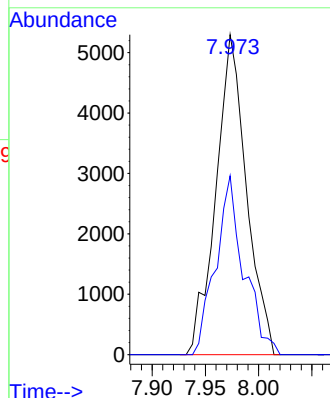
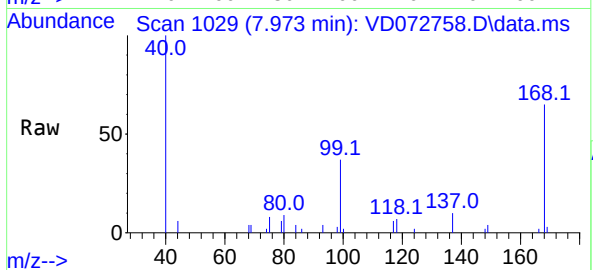
NB-07-042822

Tgt Ion:168 Resp: 10567

Ion Ratio Lower Upper

168 100

99 55.9 49.8 74.6



1,2-Dichloroethane-d4

Concen: 79.348 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD072758.D

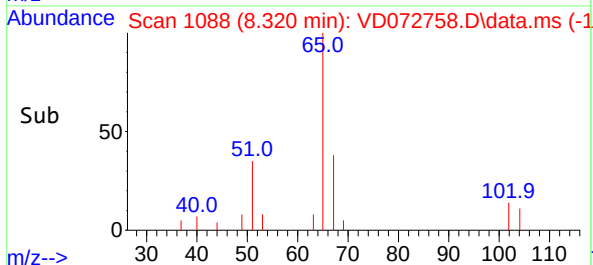
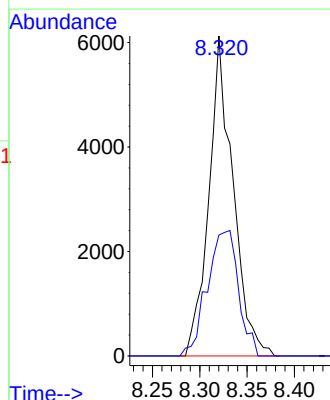
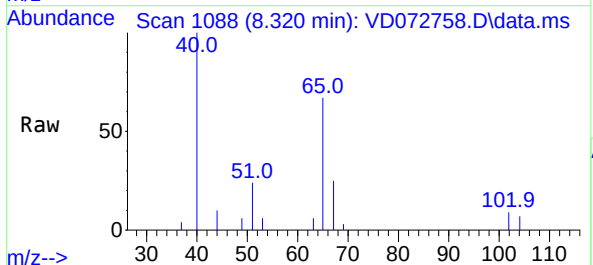
Acq: 02 May 2022 20:58

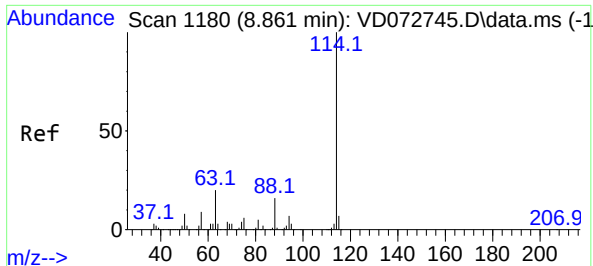
Tgt Ion: 65 Resp: 10884

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.4

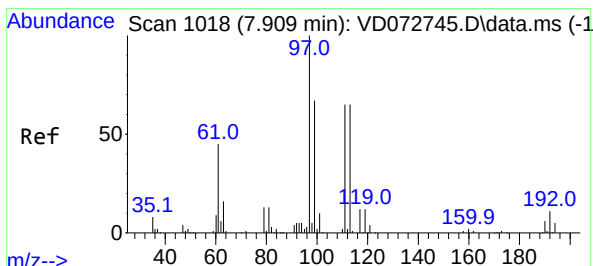
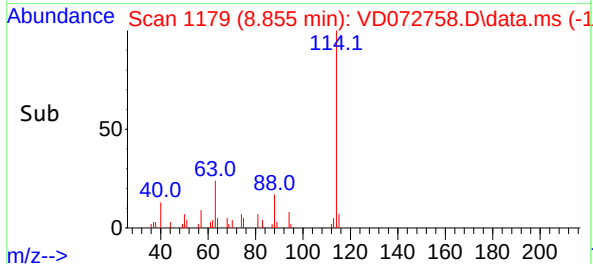
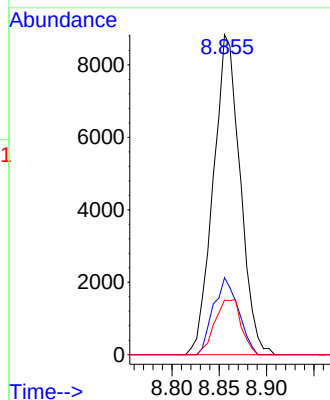
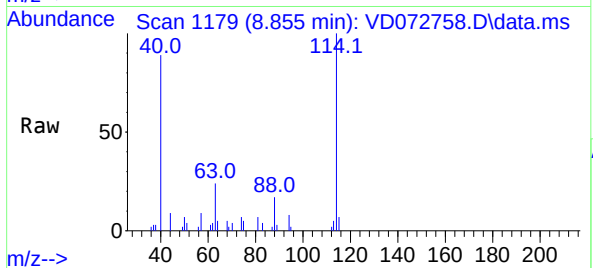




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD072758.D
Acq: 02 May 2022 20:58

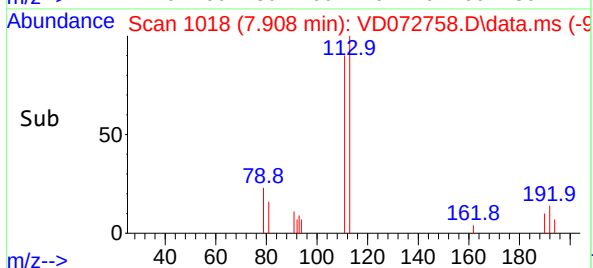
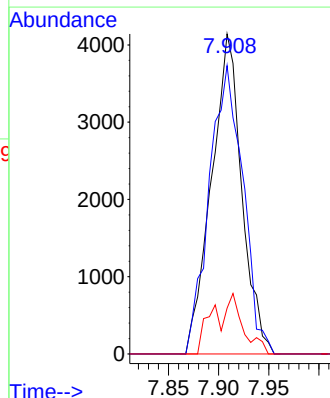
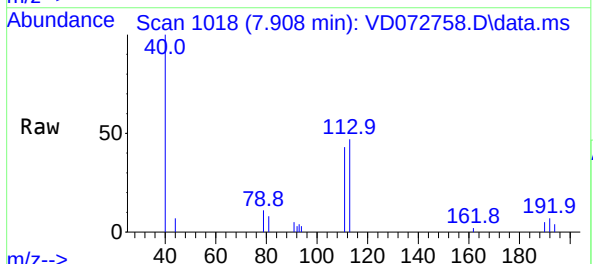
Instrument :
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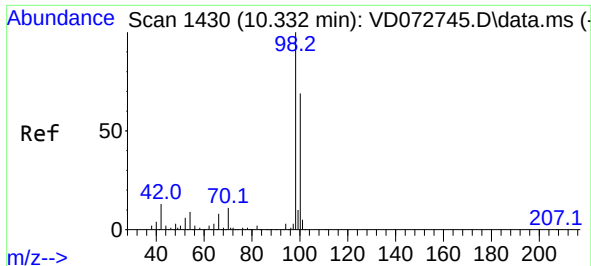
Tgt Ion:	114	Resp:	17449
Ion Ratio	Lower	Upper	
114	100		
63	24.0	0.0	46.6
88	17.1	0.0	33.2



#35
Dibromofluoromethane
Concen: 71.165 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072758.D
Acq: 02 May 2022 20:58

Tgt Ion:	113	Resp:	8721
Ion Ratio	Lower	Upper	
113	100		
111	99.8	83.8	125.6
192	10.7	14.6	21.8

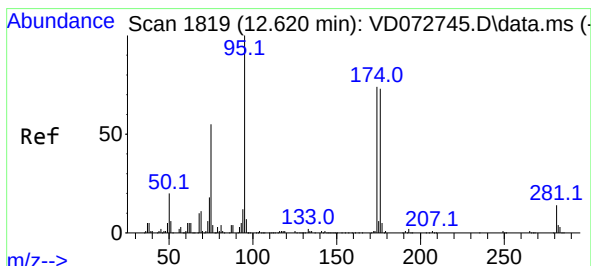
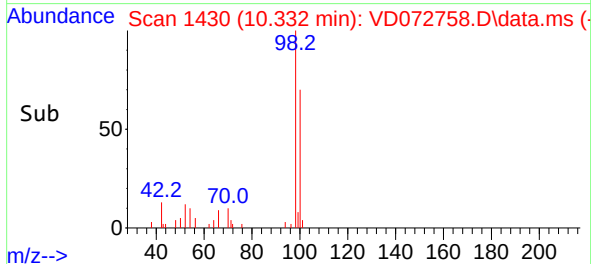
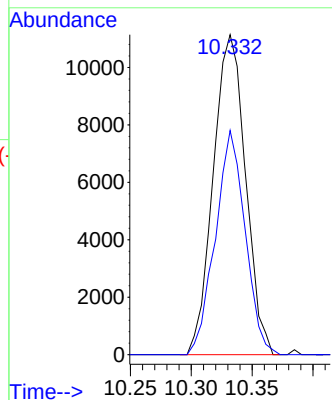
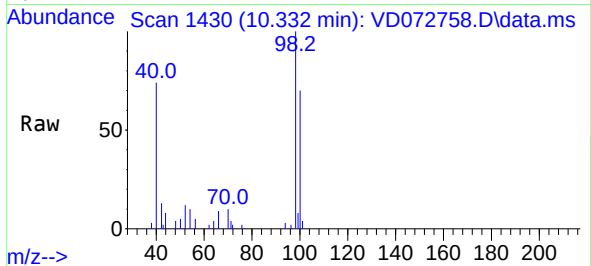




#50
Toluene-d8
Concen: 46.751 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072758.D
Acq: 02 May 2022 20:58

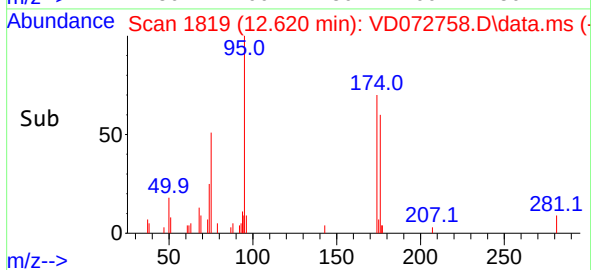
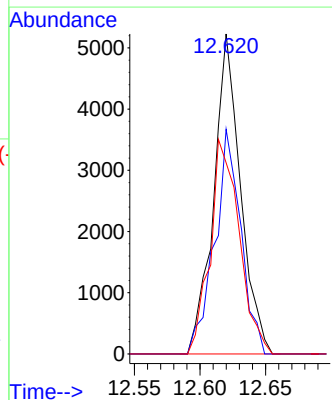
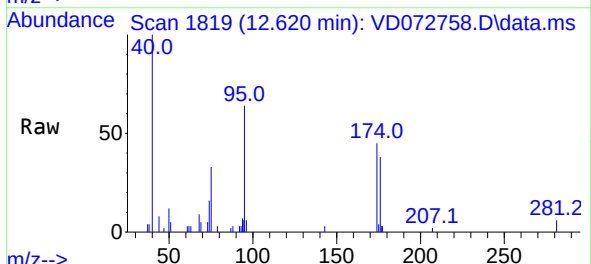
Instrument :
MSVOA_D
ClientSampleId :
NB-07-042822

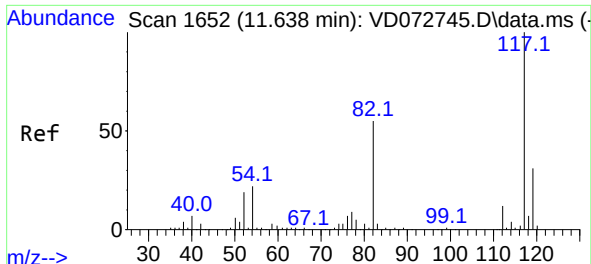
Tgt Ion: 98 Resp: 20551
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.421 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072758.D
Acq: 02 May 2022 20:58

Tgt Ion: 95 Resp: 7445
Ion Ratio Lower Upper
95 100
174 68.4 0.0 152.8
176 72.5 0.0 145.4

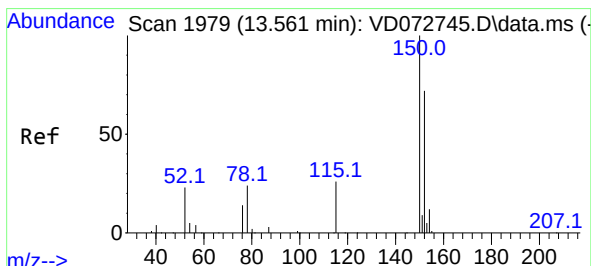
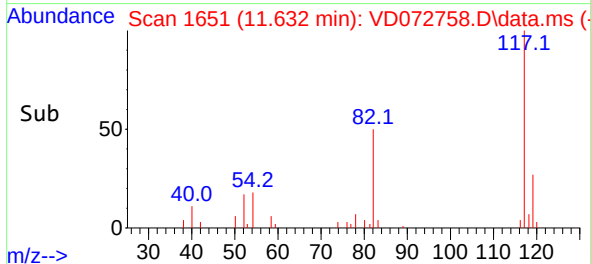
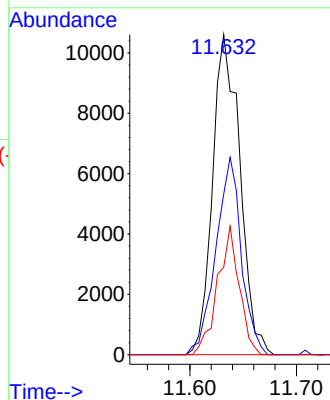
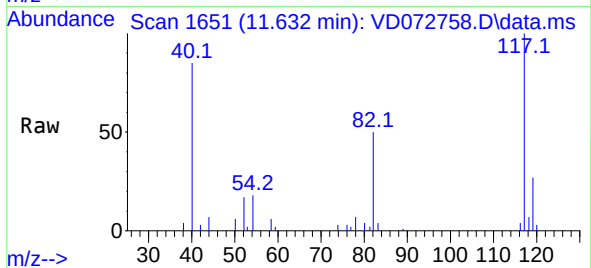




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072758.D
Acq: 02 May 2022 20:58

Instrument :
MSVOA_D
ClientSampleId :
NB-07-042822

Tgt Ion:117	Resp:	18898
Ion	Ratio	Lower Upper
117	100	
82	50.2	45.3 67.9
119	27.4	26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072758.D
Acq: 02 May 2022 20:58

Tgt Ion:152	Resp:	7588
Ion	Ratio	Lower Upper
152	100	
115	55.1	31.3 93.8
150	159.8	0.0 348.6

