

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080322\
 Data File : VD073946.D
 Acq On : 03 Aug 2022 18:01
 Operator : VA/SY
 Sample : N3947-02
 Misc : 5.07G/5.02ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NSB07-14-15

Quant Time: Aug 04 02:53:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

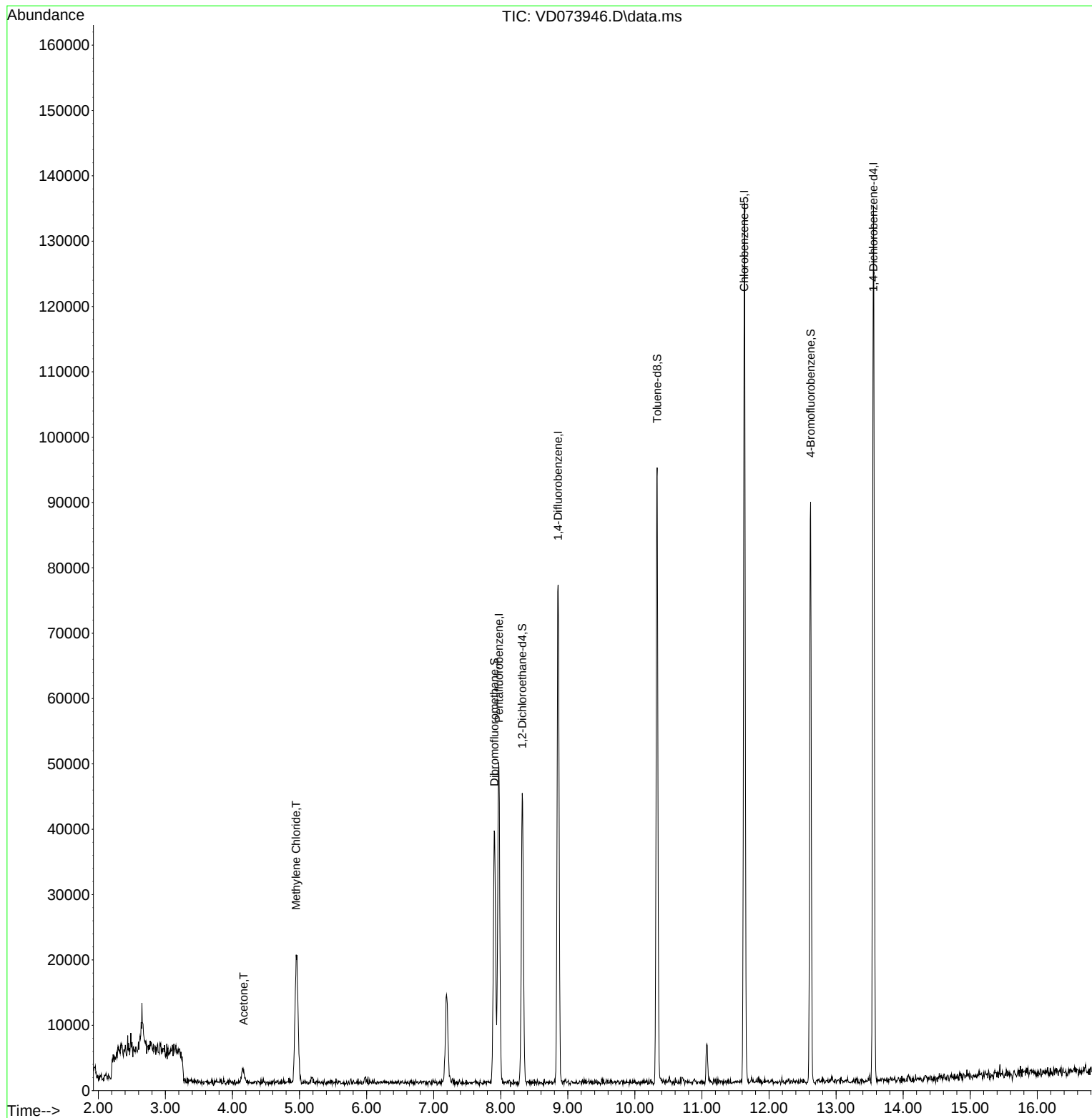
Internal Standards						
1) Pentafluorobenzene	7.973	168	34754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	66123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	73478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	34927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	34404	127.468	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 254.940%#	
35) Dibromofluoromethane	7.903	113	27131	66.039	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 132.080%	
50) Toluene-d8	10.332	98	64014	46.257	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.520%	
62) 4-Bromofluorobenzene	12.620	95	28384	55.774	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.540%	
Target Compounds						Qvalue
16) Acetone	4.167	43	4008	63.467	ug/l	91
20) Methylene Chloride	4.950	84	15673	32.743	ug/l	92

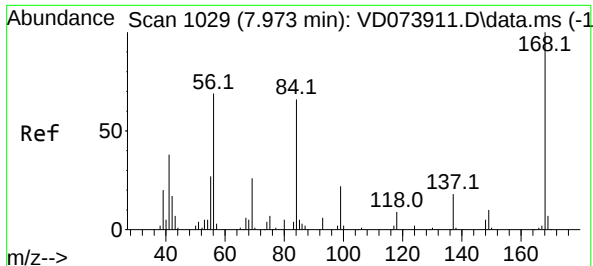
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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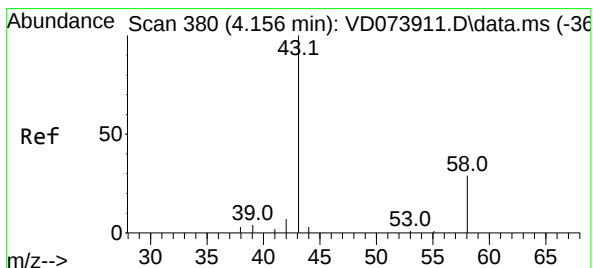
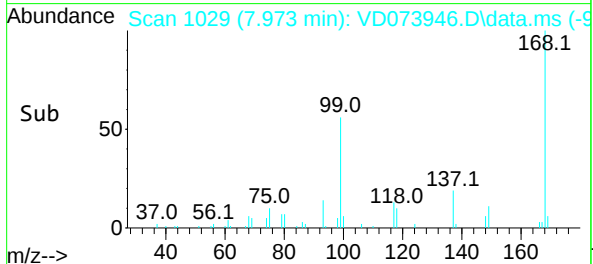
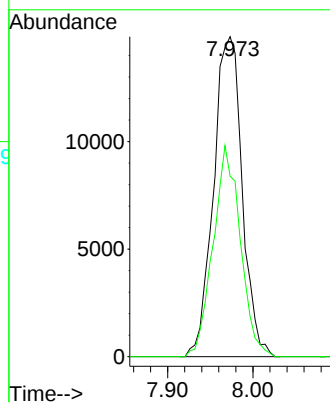
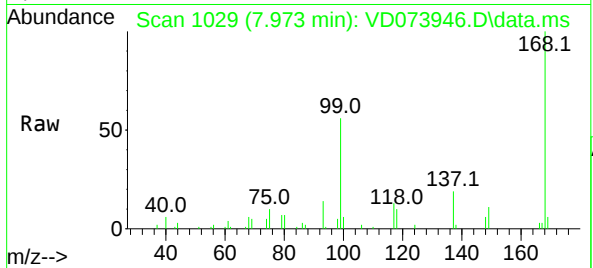




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073946.D
Acq: 03 Aug 2022 18:01

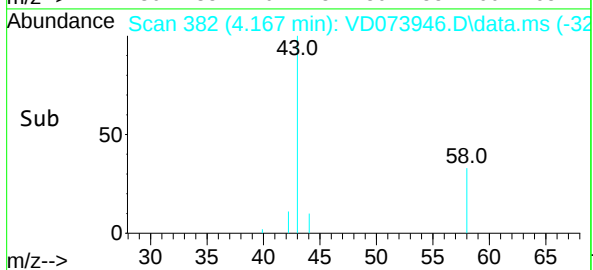
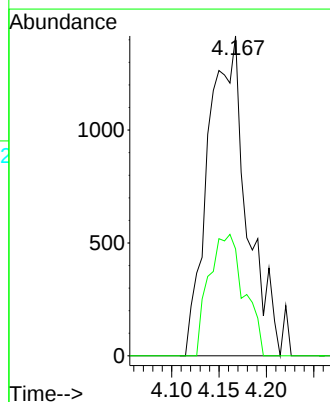
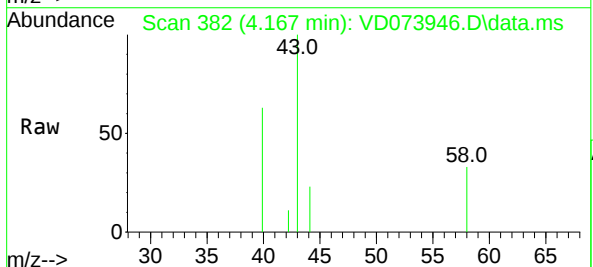
Instrument :
MSVOA_D
ClientSampleId :
NSB07-14-15

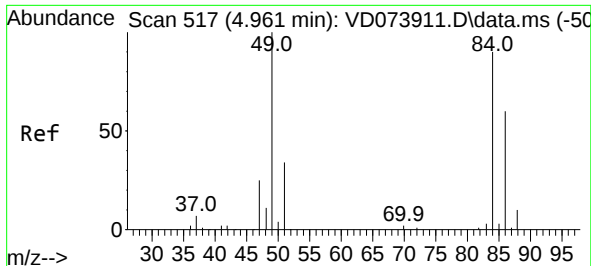
Tgt Ion:168 Resp: 34754
Ion Ratio Lower Upper
168 100
99 56.4 52.2 78.4



#16
Acetone
Concen: 63.467 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD073946.D
Acq: 03 Aug 2022 18:01

Tgt Ion: 43 Resp: 4008
Ion Ratio Lower Upper
43 100
58 33.5 23.0 34.6





#20

Methylene Chloride

Concen: 32.743 ug/l

RT: 4.950 min Scan# 517

Delta R.T. -0.011 min

Lab File: VD073946.D

Acq: 03 Aug 2022 18:01

Instrument :

MSVOA_D

ClientSampleId :

NSB07-14-15

Tgt Ion: 84 Resp: 15673

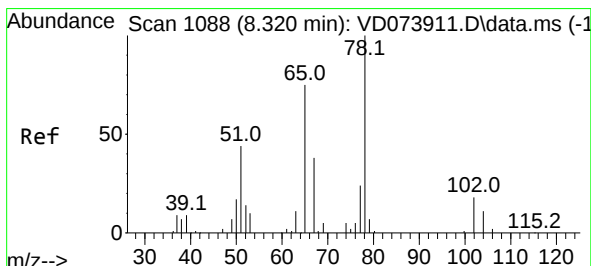
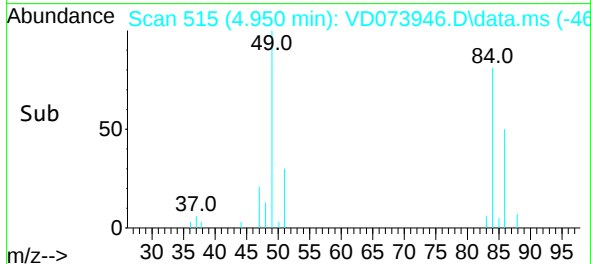
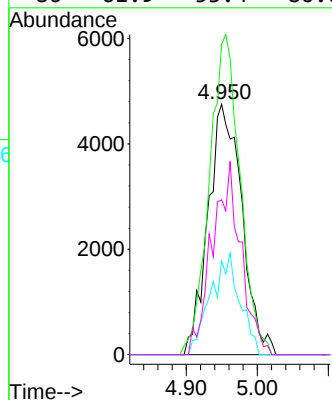
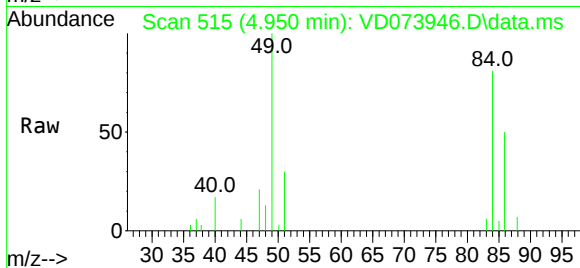
Ion Ratio Lower Upper

84 100

49 124.0 89.1 133.7

51 37.5 29.8 44.8

86 61.9 53.4 80.0



#33

1,2-Dichloroethane-d4

Concen: 127.468 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073946.D

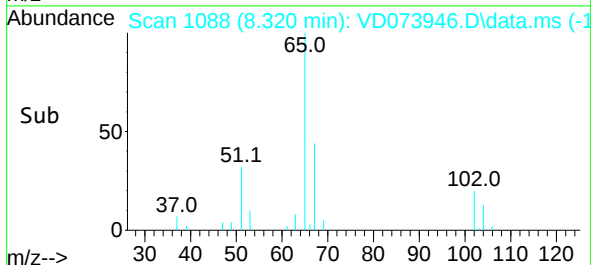
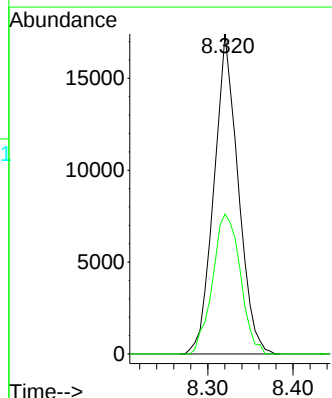
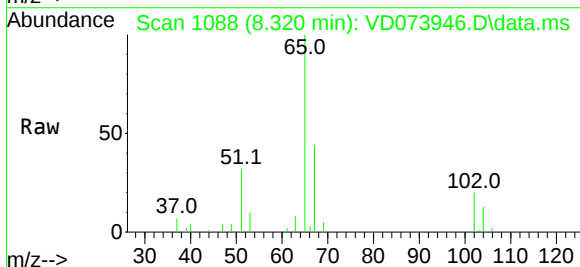
Acq: 03 Aug 2022 18:01

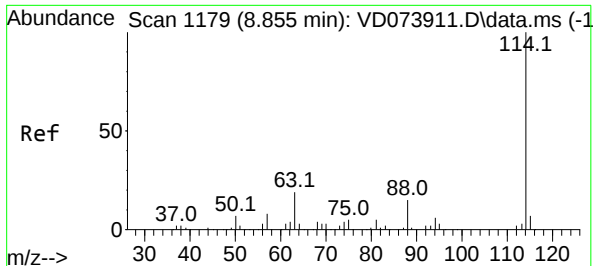
Tgt Ion: 65 Resp: 34404

Ion Ratio Lower Upper

65 100

67 50.0 0.0 102.8

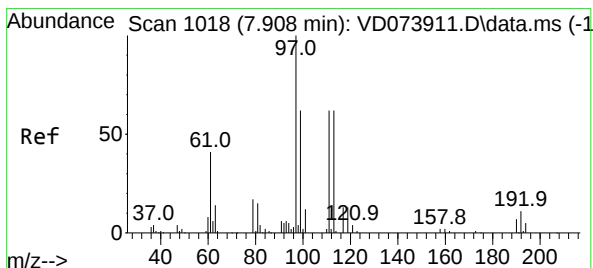
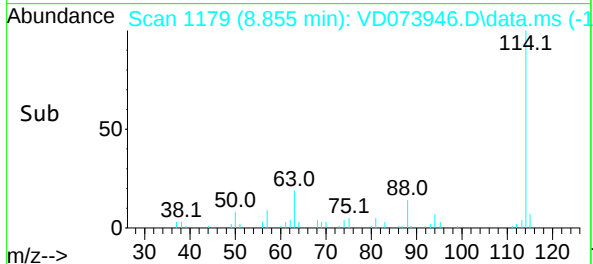
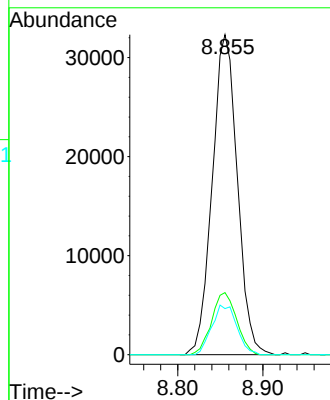
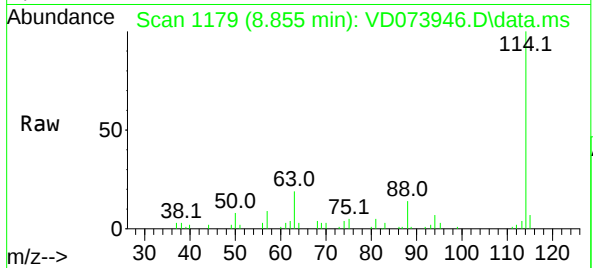




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073946.D
Acq: 03 Aug 2022 18:01

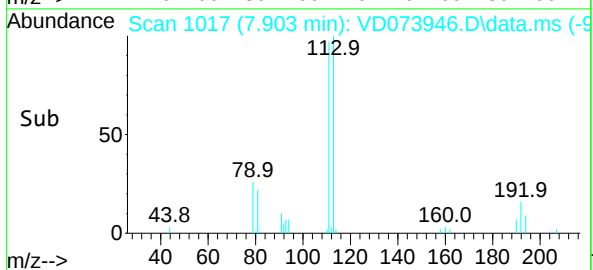
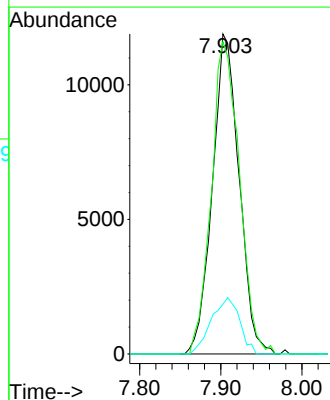
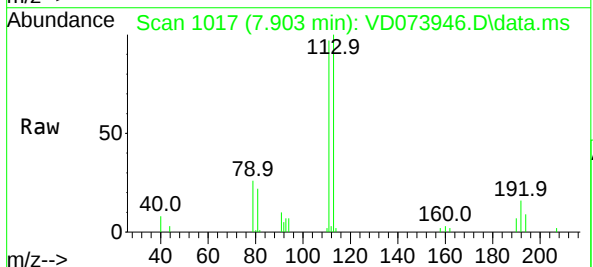
Instrument :
MSVOA_D
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NSB07-14-15

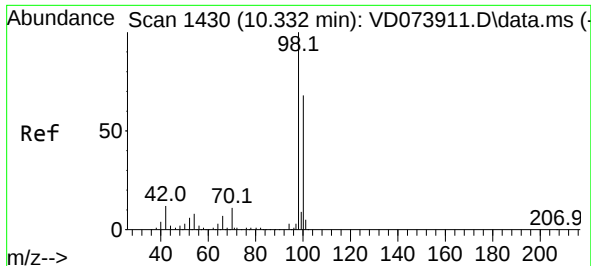
Tgt Ion:114	Resp:	66123
Ion Ratio	Lower	Upper
114	100	
63	19.4	0.0 37.6
88	14.4	0.0 30.2



#35
Dibromofluoromethane
Concen: 66.039 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD073946.D
Acq: 03 Aug 2022 18:01

Tgt Ion:113	Resp:	27131
Ion Ratio	Lower	Upper
113	100	
111	102.8	83.7 125.5
192	18.7	15.0 22.6

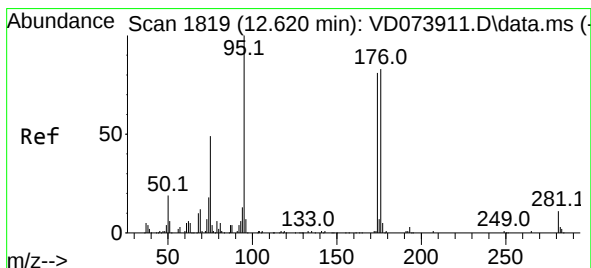
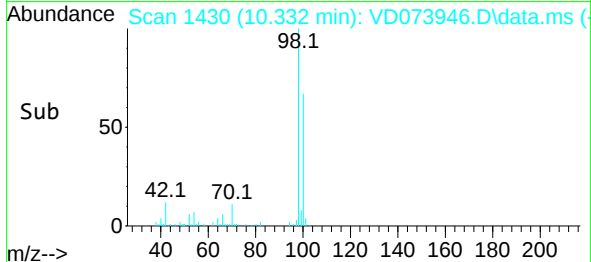
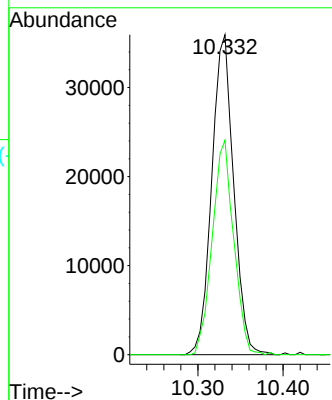
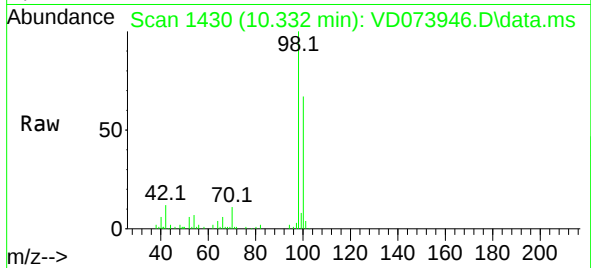




#50
Toluene-d8
Concen: 46.257 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073946.D
Acq: 03 Aug 2022 18:01

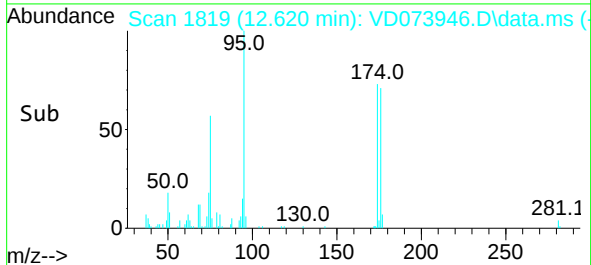
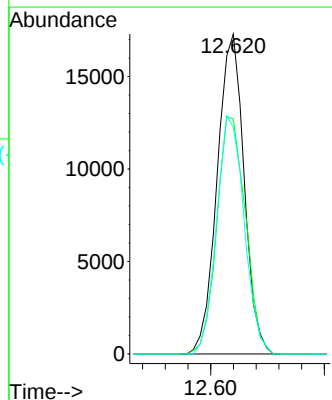
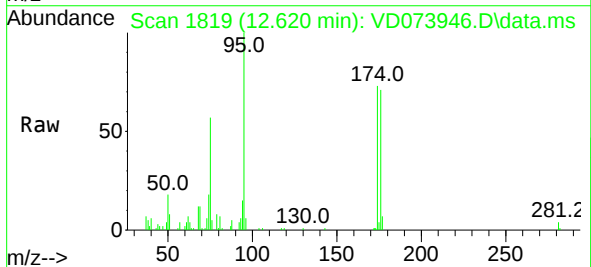
Instrument :
MSVOA_D
ClientSampleId :
NSB07-14-15

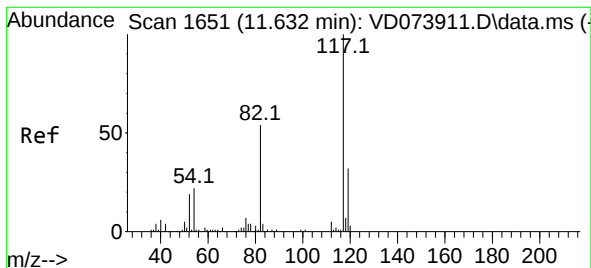
Tgt Ion: 98 Resp: 64014
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 55.774 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073946.D
Acq: 03 Aug 2022 18:01

Tgt Ion: 95 Resp: 28384
Ion Ratio Lower Upper
95 100
174 78.9 0.0 164.2
176 76.5 0.0 161.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073946.D

Acq: 03 Aug 2022 18:01

Instrument :

MSVOA_D

ClientSampleId :

NSB07-14-15

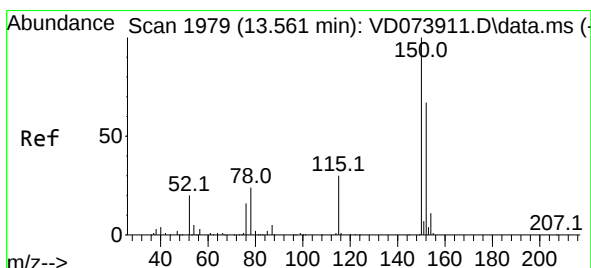
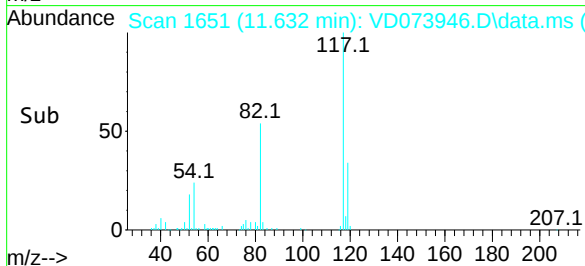
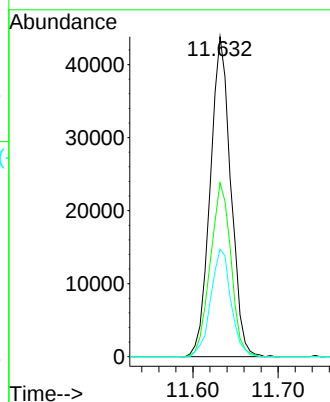
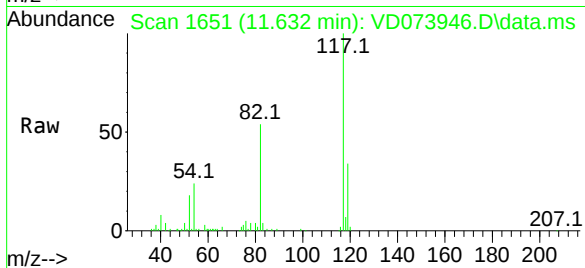
Tgt Ion:117 Resp: 73478

Ion Ratio Lower Upper

117 100

82 54.3 43.3 64.9

119 33.6 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1978

Delta R.T. -0.006 min

Lab File: VD073946.D

Acq: 03 Aug 2022 18:01

Tgt Ion:152 Resp: 34927

Ion Ratio Lower Upper

152 100

115 60.9 29.1 87.3

150 161.6 0.0 338.2

