

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070081.D
 Acq On : 14 Dec 2021 19:40
 Operator : JC/MD
 Sample : M4965-32RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FLOORS-COMPRE

Quant Time: Dec 15 05:21:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

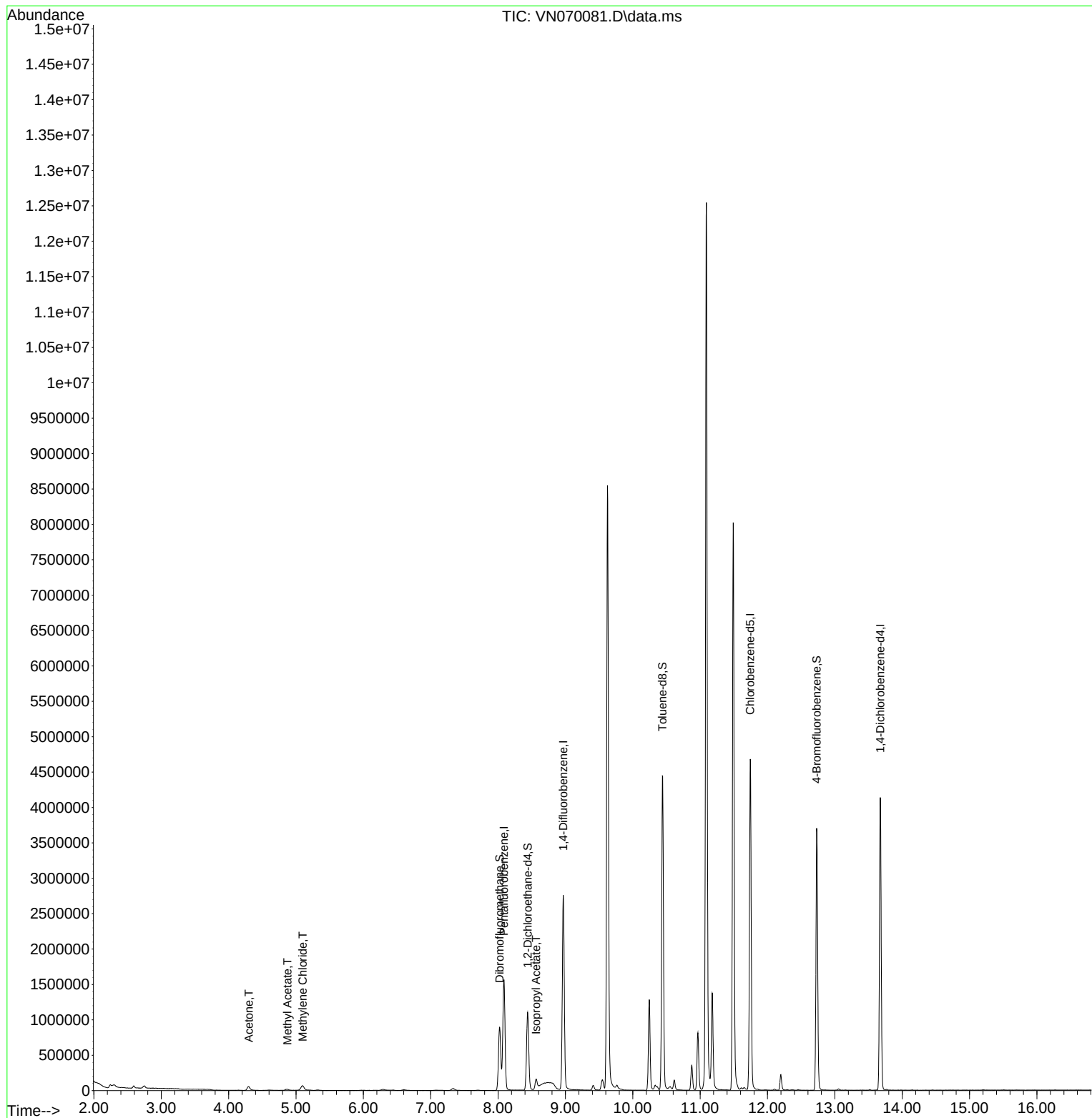
Internal Standards						
1) Pentafluorobenzene	8.088	168	1166358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2282759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2596679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1087745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	951053	52.811	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.620%
35) Dibromofluoromethane	8.024	113	660257	46.176	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.360%
50) Toluene-d8	10.441	98	3015307	52.519	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.040%
62) 4-Bromofluorobenzene	12.731	95	1292779	62.153	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	124.300%
Target Compounds						
						Qvalue
16) Acetone	4.299	43	105365	9.726	ug/l	97
18) Methyl Acetate	4.873	43	36883	1.128	ug/l #	67
20) Methylene Chloride	5.098	84	46144	3.204	ug/l #	77
43) Isopropyl Acetate	8.566	43	202739	4.236	ug/l #	79

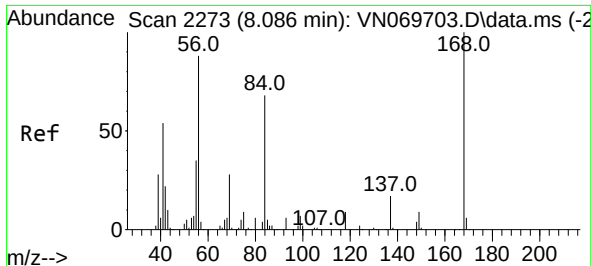
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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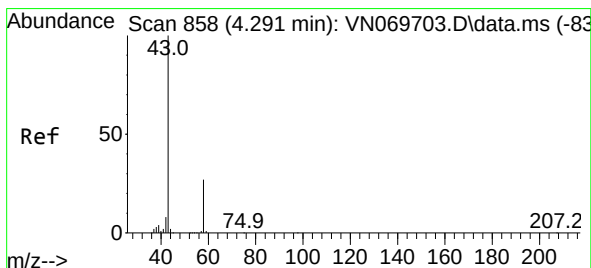
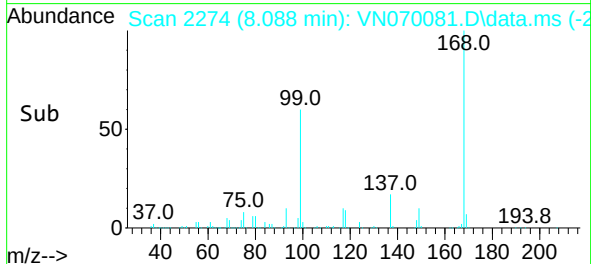
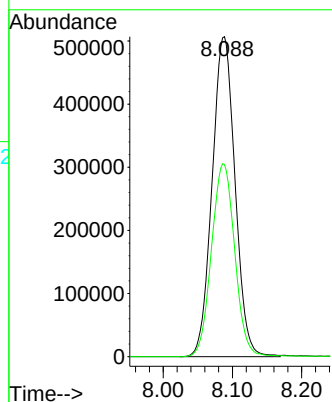
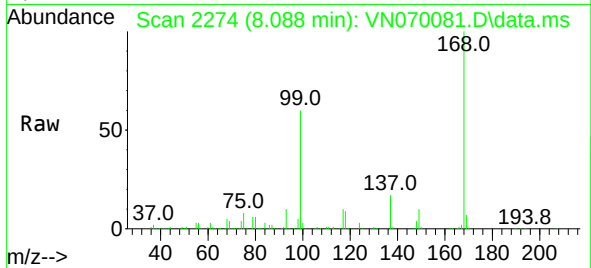




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070081.D
Acq: 14 Dec 2021 19:40

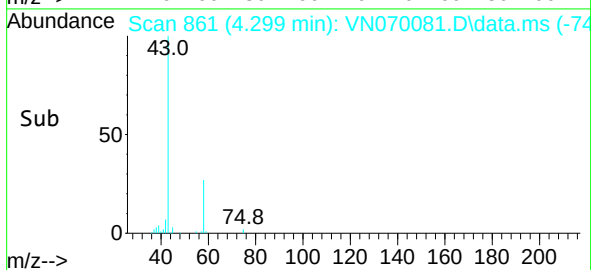
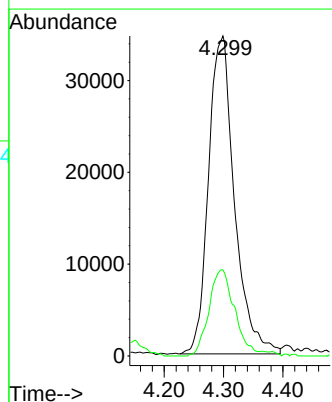
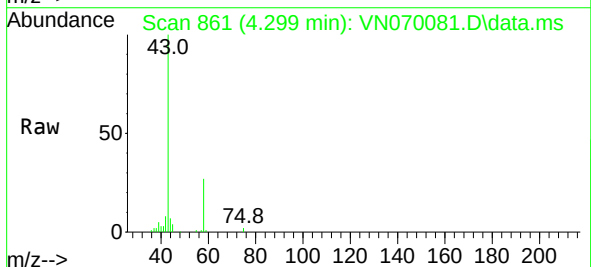
Instrument :
MSVOA_N
ClientSampleId :
FLOORS-COMP

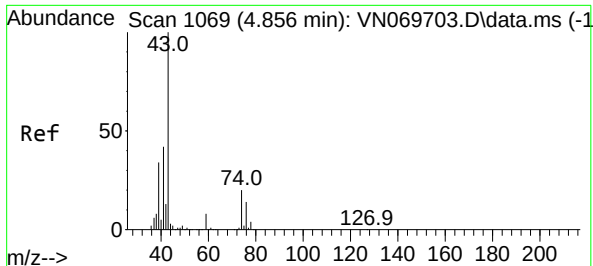
Tgt Ion:168 Resp: 1166358
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9



#16
Acetone
Concen: 9.726 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN070081.D
Acq: 14 Dec 2021 19:40

Tgt Ion: 43 Resp: 105365
Ion Ratio Lower Upper
43 100
58 27.1 23.1 34.7





#18

Methyl Acetate

Concen: 1.128 ug/l

RT: 4.873 min Scan# 1069

Delta R.T. 0.016 min

Lab File: VN070081.D

Acq: 14 Dec 2021 19:40

Instrument :

MSVOA_N

ClientSampleId :

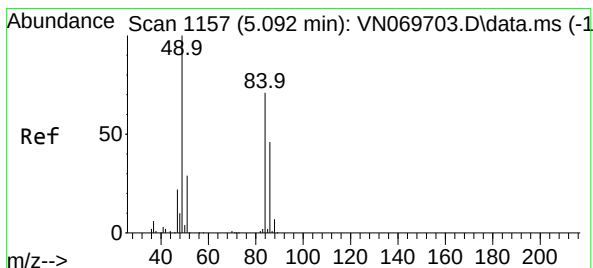
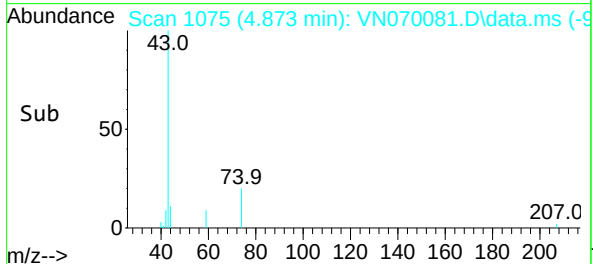
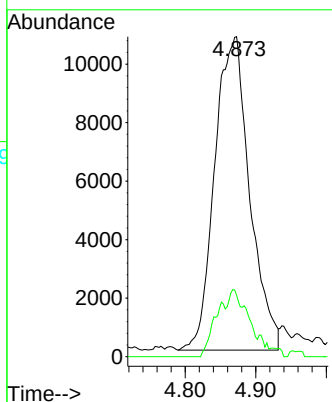
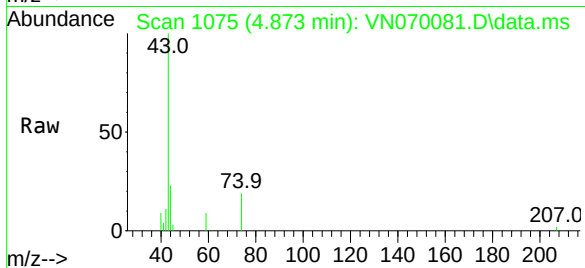
FLOORS-COMP

Tgt Ion: 43 Resp: 36883

Ion Ratio Lower Upper

43 100

74 8.0 19.4 29.2#



#20

Methylene Chloride

Concen: 3.204 ug/l

RT: 5.098 min Scan# 1159

Delta R.T. 0.006 min

Lab File: VN070081.D

Acq: 14 Dec 2021 19:40

Tgt Ion: 84 Resp: 46144

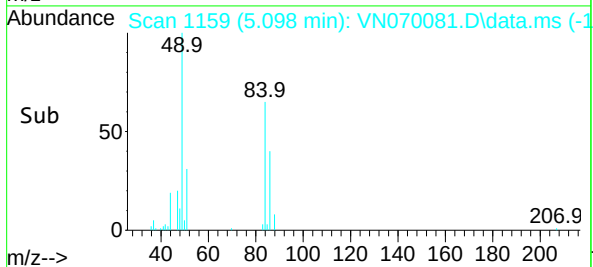
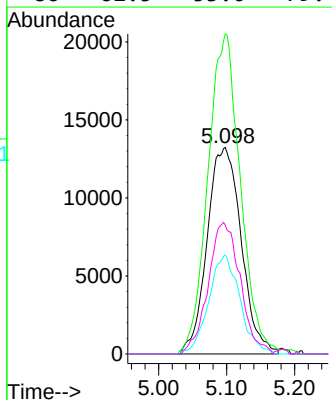
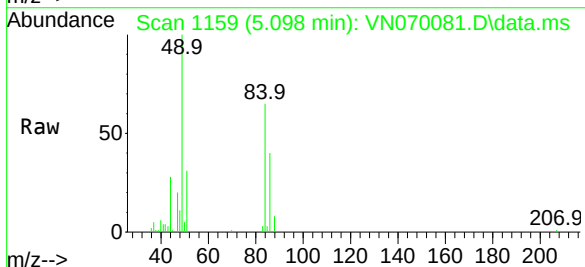
Ion Ratio Lower Upper

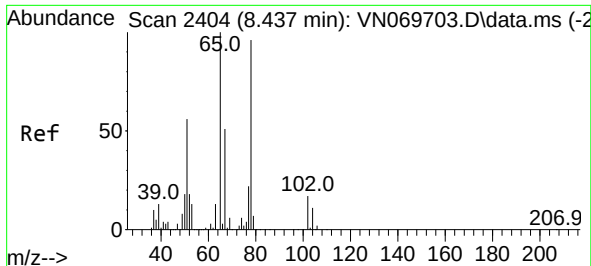
84 100

49 155.0 93.5 140.3#

51 48.0 29.4 44.2#

86 62.5 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 52.811 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070081.D

Acq: 14 Dec 2021 19:40

Instrument :

MSVOA_N

ClientSampleId :

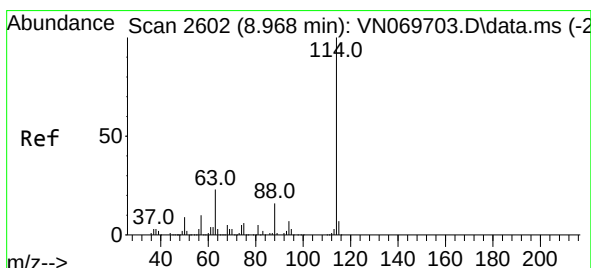
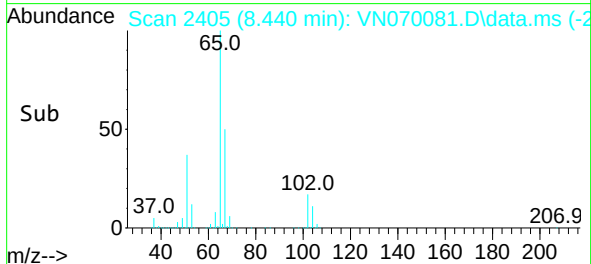
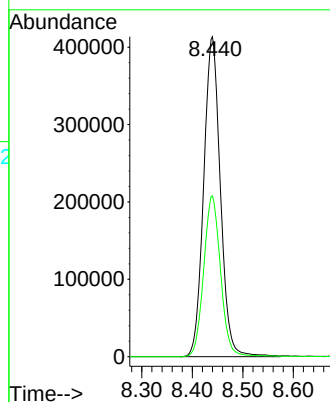
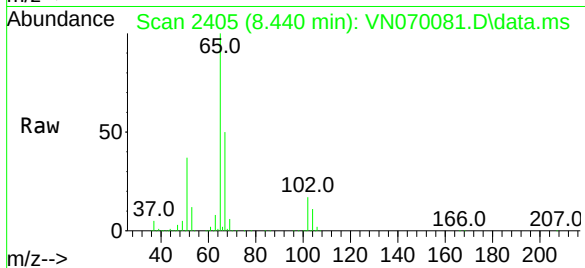
FLOORS-COMPRE

Tgt Ion: 65 Resp: 951053

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070081.D

Acq: 14 Dec 2021 19:40

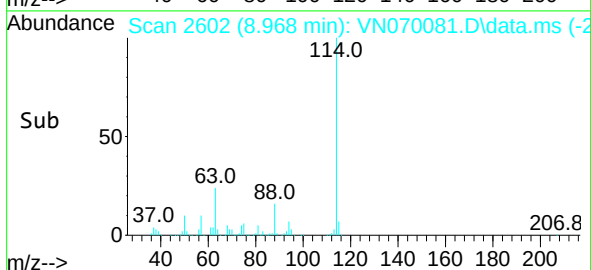
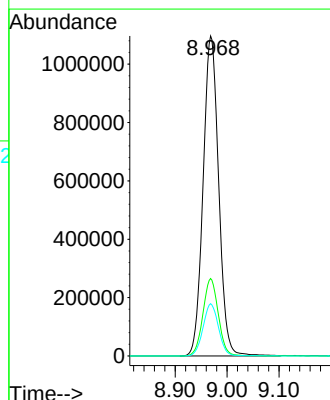
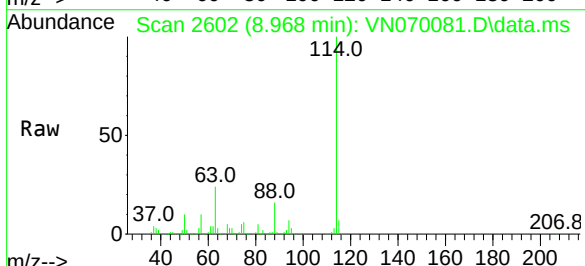
Tgt Ion: 114 Resp: 2282759

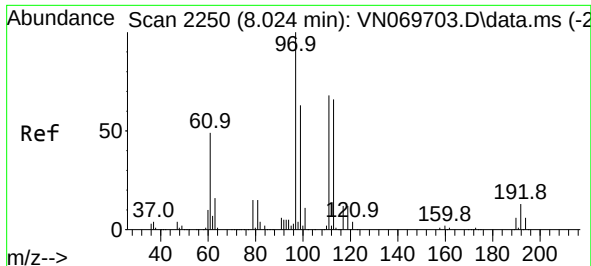
Ion Ratio Lower Upper

114 100

63 24.2 0.0 37.8

88 16.3 0.0 27.4

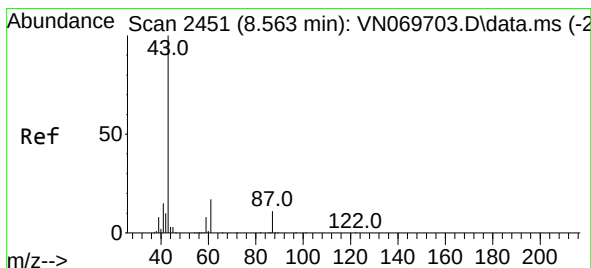
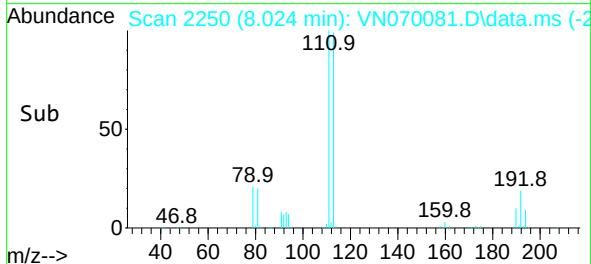
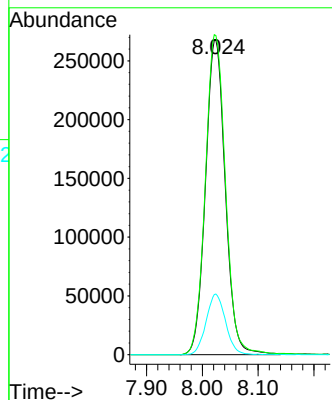
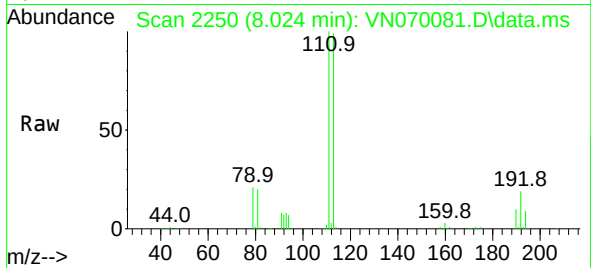




#35
Dibromofluoromethane
Concen: 46.176 ug/l
RT: 8.024 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070081.D
Acq: 14 Dec 2021 19:40

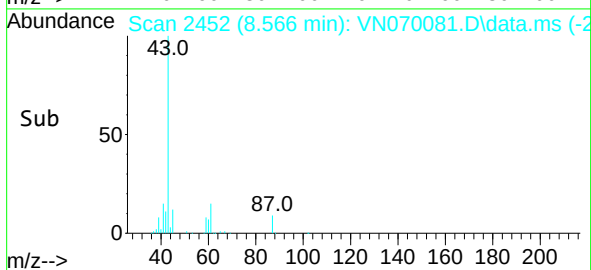
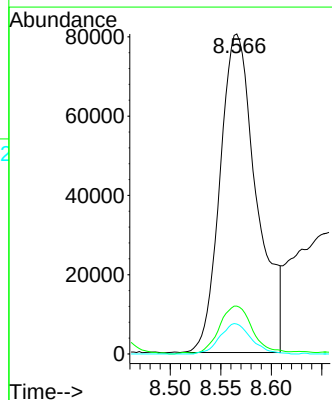
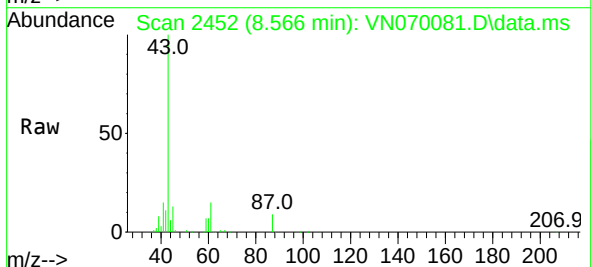
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FLOORS-COMPRE

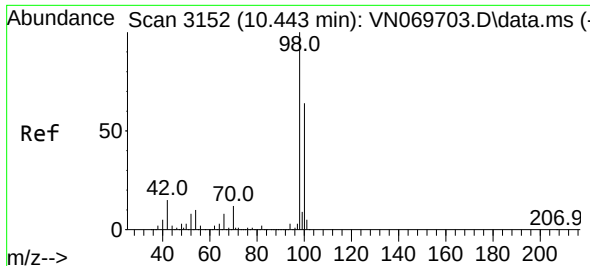
Tgt Ion:113 Resp: 660257
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 18.9 16.9 25.3



#43
Isopropyl Acetate
Concen: 4.236 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.003 min
Lab File: VN070081.D
Acq: 14 Dec 2021 19:40

Tgt Ion: 43 Resp: 202739
Ion Ratio Lower Upper
43 100
61 13.1 20.4 30.6#
87 8.2 11.2 16.8#

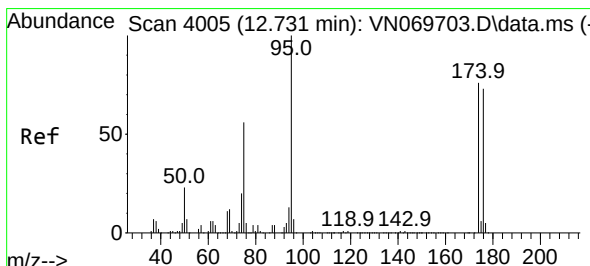
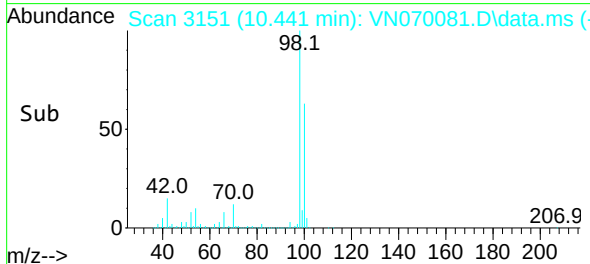
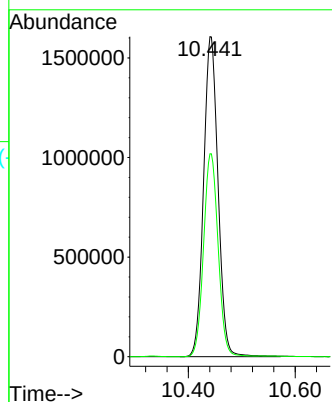
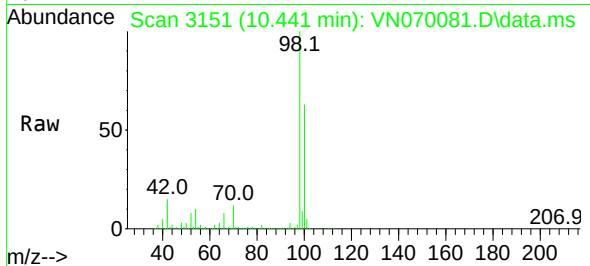




#50
Toluene-d8
Concen: 52.519 ug/l
RT: 10.441 min Scan# 3152
Delta R.T. -0.002 min
Lab File: VN070081.D
Acq: 14 Dec 2021 19:40

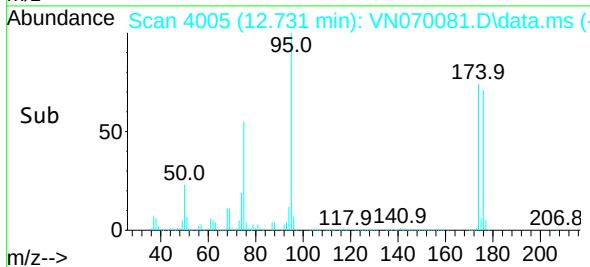
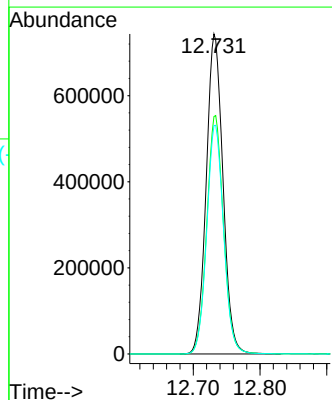
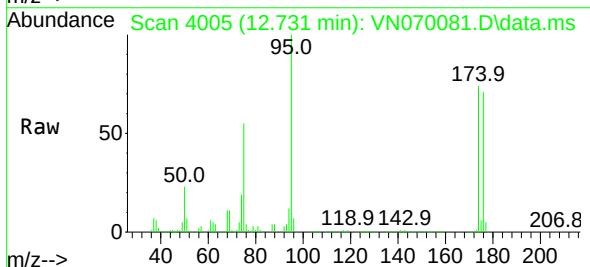
Instrument :
MSVOA_N
ClientSampleId :
FLOORS-COMPRE

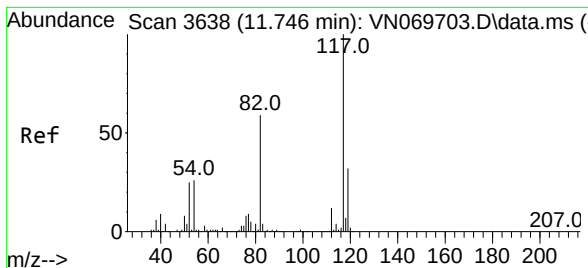
Tgt Ion: 98 Resp: 3015307
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 62.153 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070081.D
Acq: 14 Dec 2021 19:40

Tgt Ion: 95 Resp: 1292779
Ion Ratio Lower Upper
95 100
174 74.6 0.0 187.2
176 71.9 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3637

Delta R.T. -0.002 min

Lab File: VN070081.D

Acq: 14 Dec 2021 19:40

Instrument :

MSVOA_N

ClientSampleId :

FLOORS-COMPRE

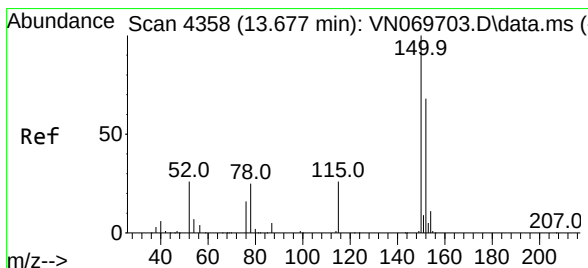
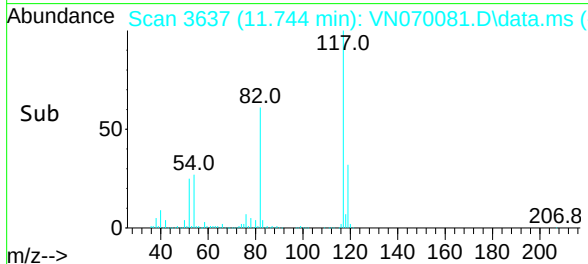
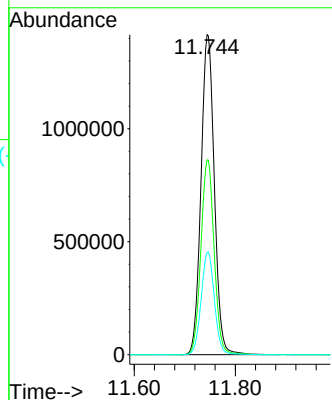
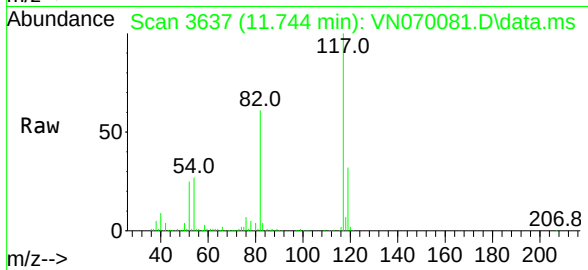
Tgt Ion:117 Resp: 2596679

Ion Ratio Lower Upper

117 100

82 60.9 42.4 63.6

119 32.0 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. -0.002 min

Lab File: VN070081.D

Acq: 14 Dec 2021 19:40

Tgt Ion:152 Resp: 1087745

Ion Ratio Lower Upper

152 100

115 61.7 27.5 82.5

150 158.1 0.0 344.4

