

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069951.D
 Acq On : 10 Dec 2021 8:52
 Operator : JC/MD
 Sample : M4967-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11S

Quant Time: Dec 10 11:27:34 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)

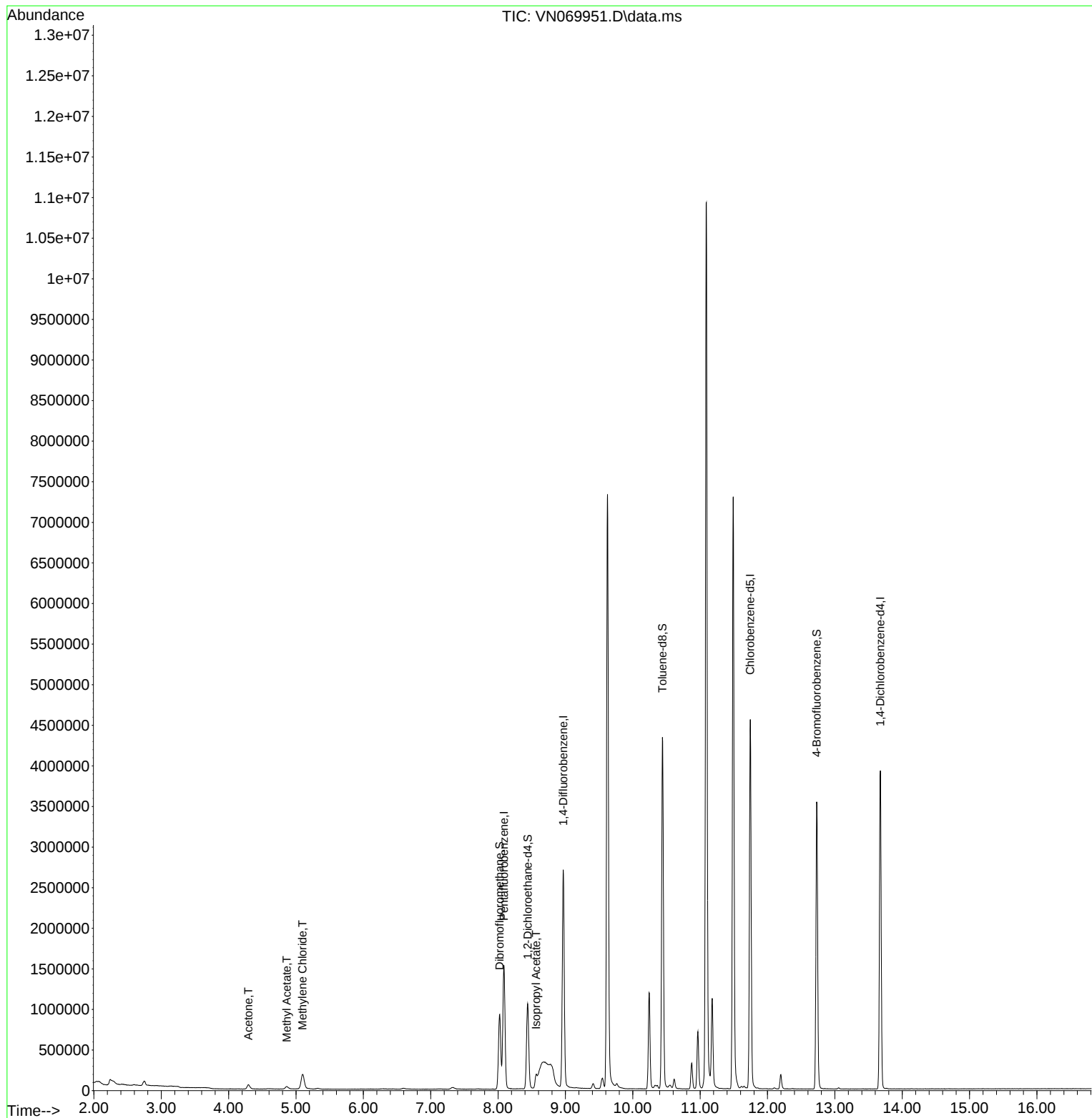
Internal Standards						
1) Pentafluorobenzene	8.086	168	1117905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2194386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2519960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1034792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	912950	52.893	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.780%	
35) Dibromofluoromethane	8.024	113	670051	48.748	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.500%	
50) Toluene-d8	10.440	98	2909546	52.717	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.440%	
62) 4-Bromofluorobenzene	12.731	95	1217286	60.881	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 121.760%	
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	99072	9.542	ug/l	97
18) Methyl Acetate	4.864	43	65022	2.075	ug/l	92
20) Methylene Chloride	5.095	84	135645	9.827	ug/l #	83
43) Isopropyl Acetate	8.566	43	187577	4.077	ug/l #	80

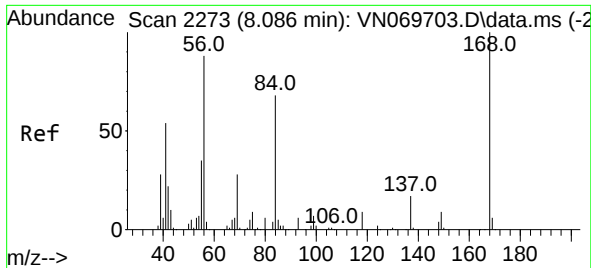
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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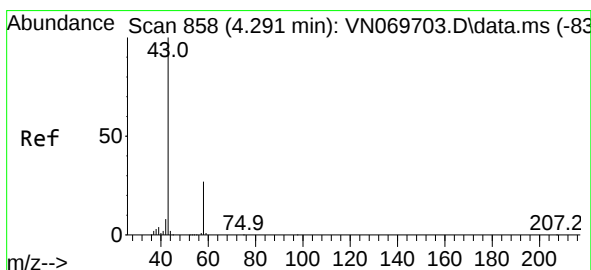
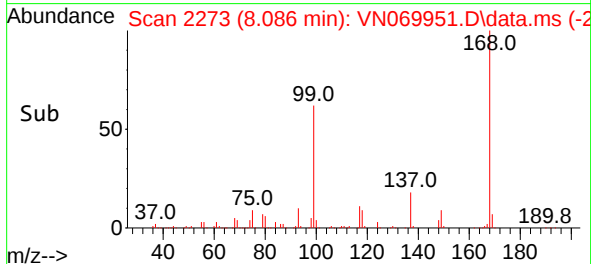
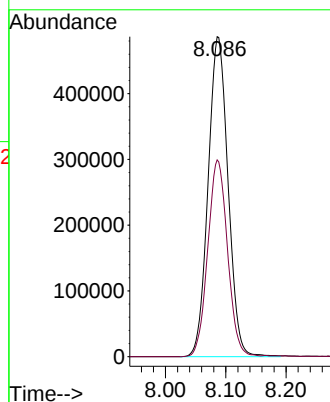
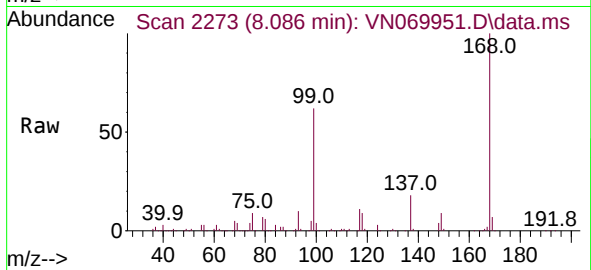




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN069951.D
Acq: 10 Dec 2021 8:52

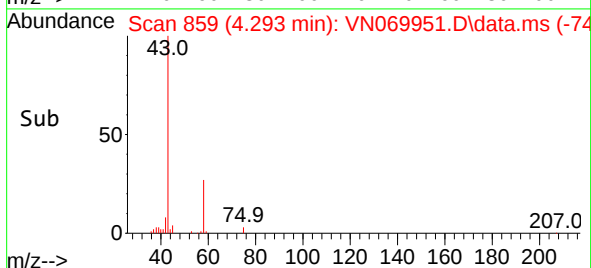
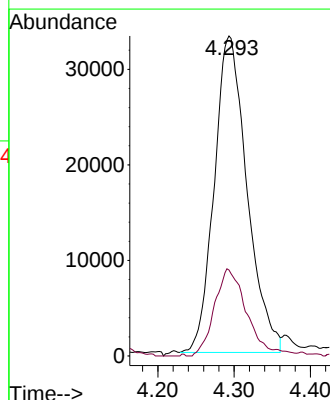
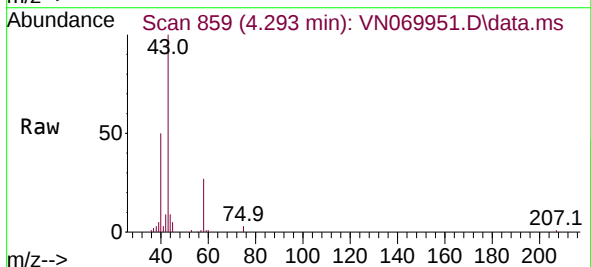
Instrument :
MSVOA_N
ClientSampleId :
TP-11S

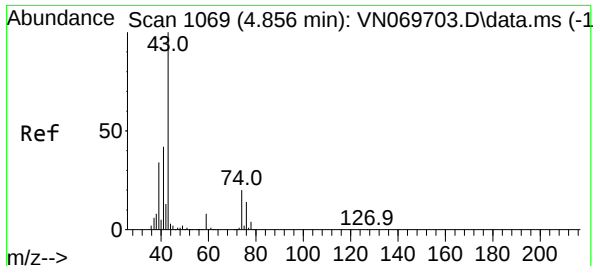
Tgt Ion:168 Resp: 1117905
Ion Ratio Lower Upper
168 100
99 61.5 41.3 61.9



#16
Acetone
Concen: 9.542 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069951.D
Acq: 10 Dec 2021 8:52

Tgt Ion: 43 Resp: 99072
Ion Ratio Lower Upper
43 100
58 27.2 23.1 34.7





#18

Methyl Acetate

Concen: 2.075 ug/l

RT: 4.864 min Scan# 1069

Delta R.T. 0.008 min

Lab File: VN069951.D

Acq: 10 Dec 2021 8:52

Instrument :

MSVOA_N

ClientSampleId :

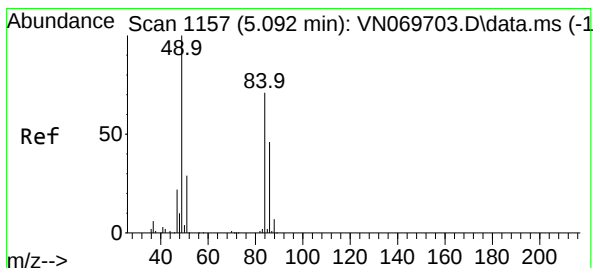
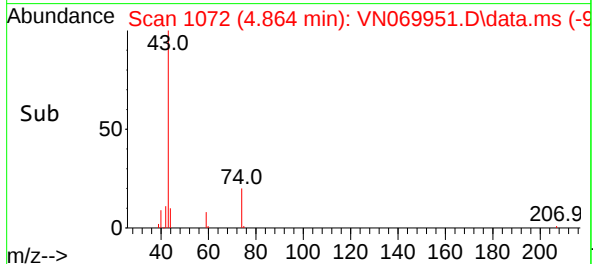
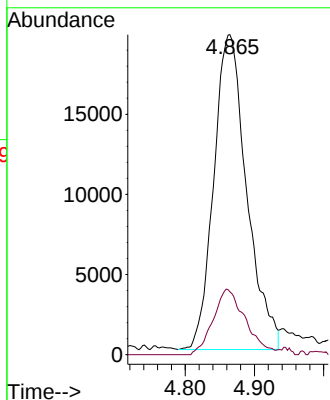
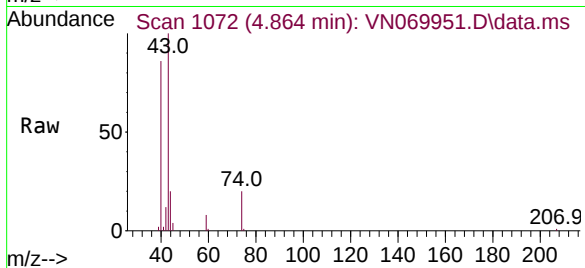
TP-11S

Tgt Ion: 43 Resp: 65022

Ion Ratio Lower Upper

43 100

74 20.4 19.4 29.2



#20

Methylene Chloride

Concen: 9.827 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.003 min

Lab File: VN069951.D

Acq: 10 Dec 2021 8:52

Tgt Ion: 84 Resp: 135645

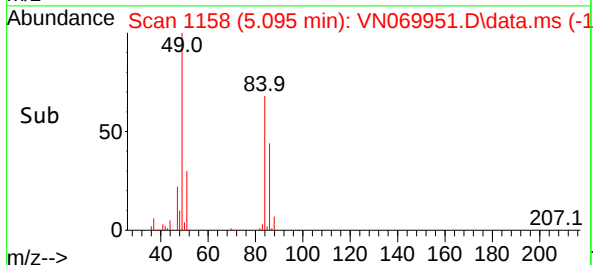
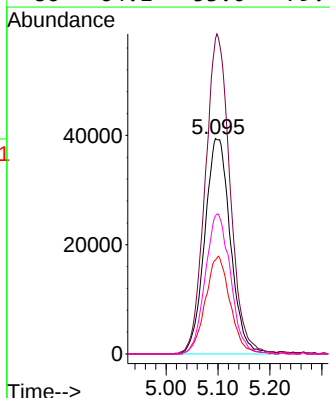
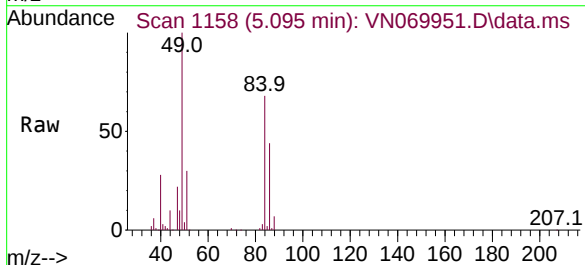
Ion Ratio Lower Upper

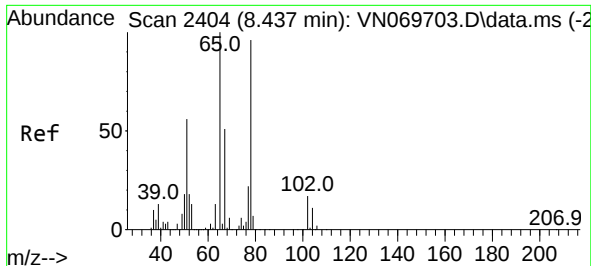
84 100

49 146.0 93.5 140.3#

51 43.6 29.4 44.2

86 64.1 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 52.893 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN069951.D

Acq: 10 Dec 2021 8:52

Instrument :

MSVOA_N

ClientSampleId :

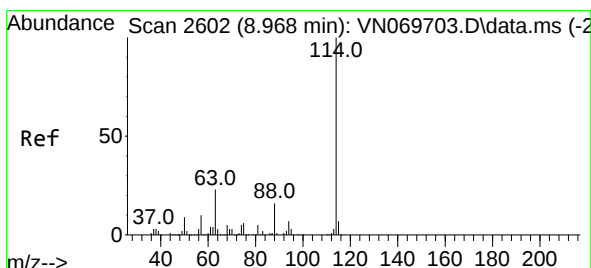
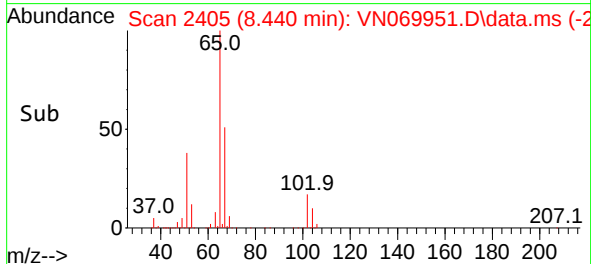
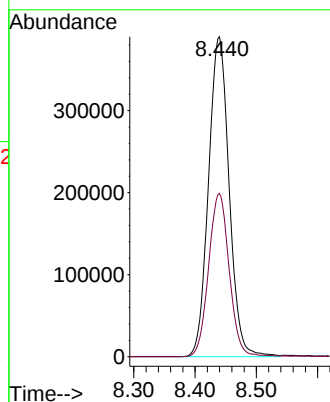
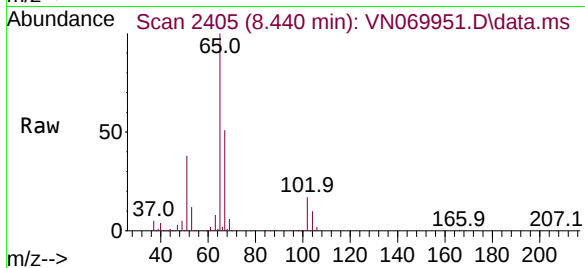
TP-11S

Tgt Ion: 65 Resp: 912950

Ion Ratio Lower Upper

65 100

67 51.0 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: VN069951.D

Acq: 10 Dec 2021 8:52

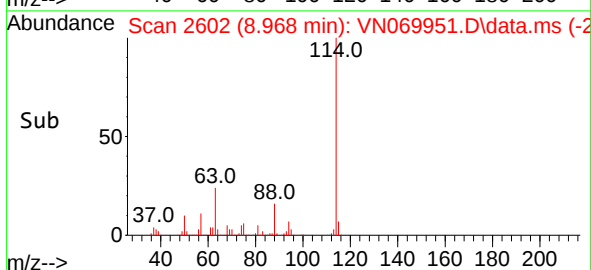
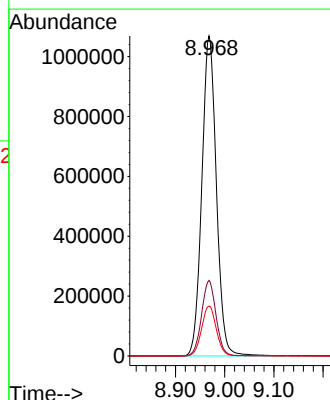
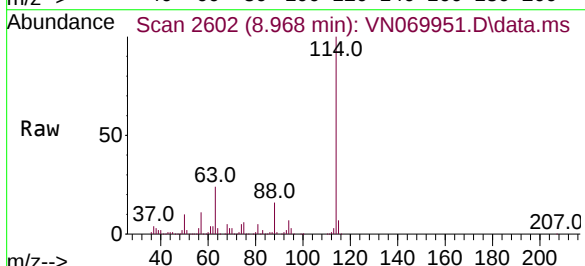
Tgt Ion: 114 Resp: 2194386

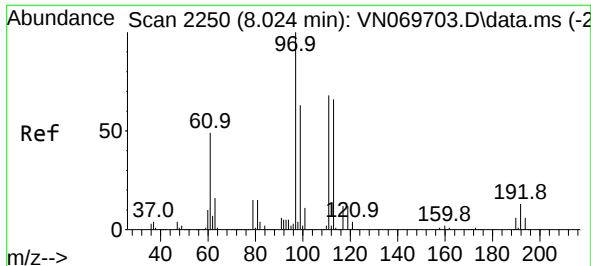
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 15.6 0.0 27.4

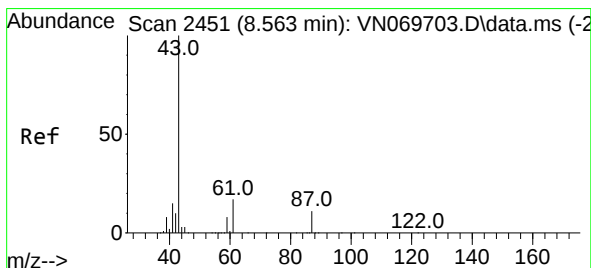
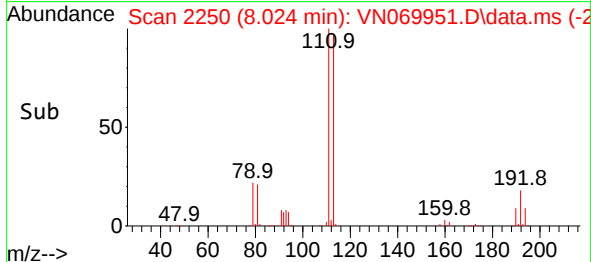
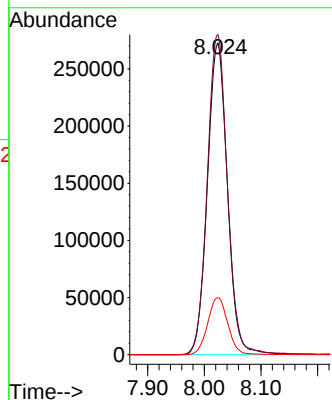
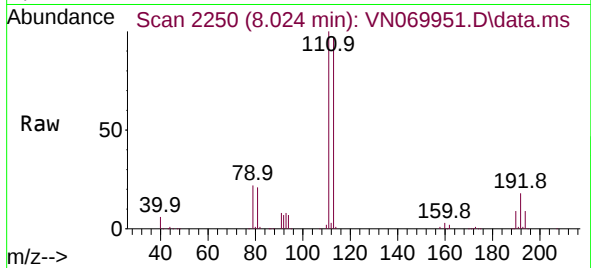




#35
 Dibromofluoromethane
 Concen: 48.748 ug/l
 RT: 8.024 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VN069951.D
 Acq: 10 Dec 2021 8:52

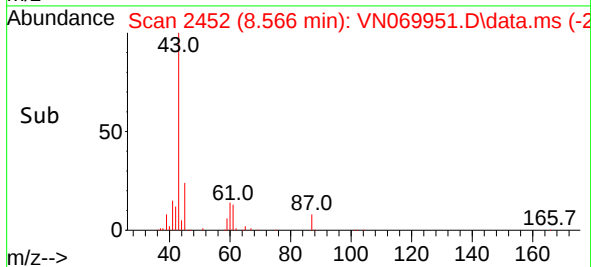
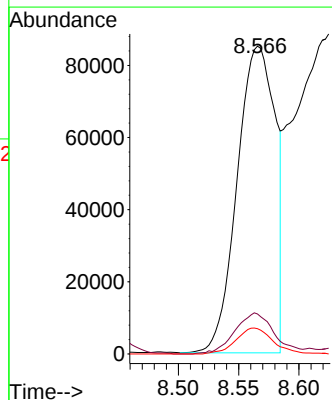
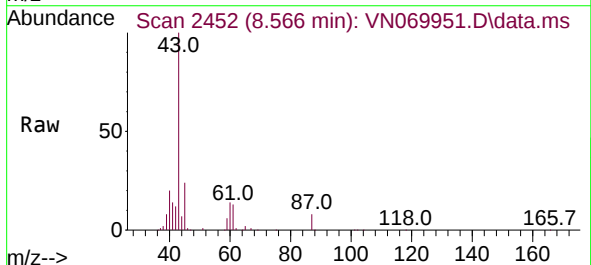
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11S

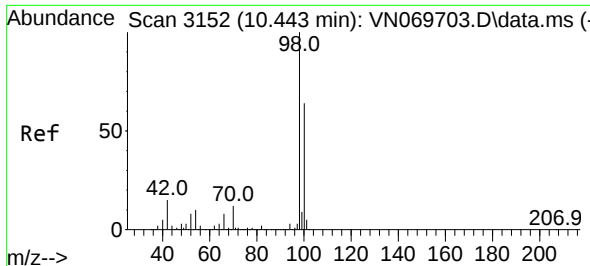
Tgt Ion:113 Resp: 670051
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.2 123.2
 192 18.5 16.9 25.3



#43
 Isopropyl Acetate
 Concen: 4.077 ug/l
 RT: 8.566 min Scan# 2452
 Delta R.T. 0.003 min
 Lab File: VN069951.D
 Acq: 10 Dec 2021 8:52

Tgt Ion: 43 Resp: 187577
 Ion Ratio Lower Upper
 43 100
 61 13.8 20.4 30.6#
 87 8.2 11.2 16.8#

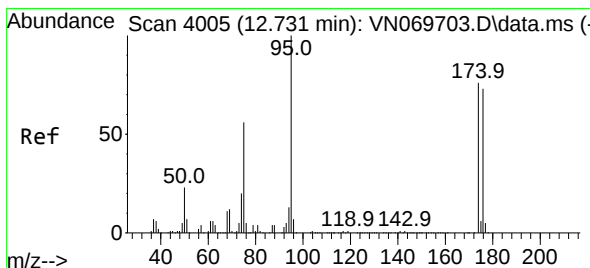
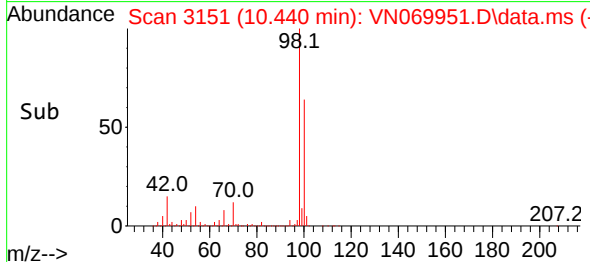
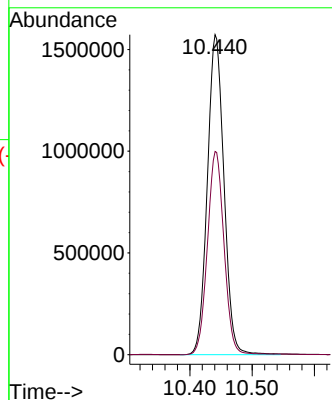
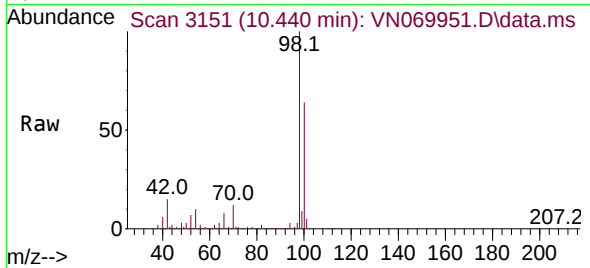




#50
Toluene-d8
Concen: 52.717 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069951.D
Acq: 10 Dec 2021 8:52

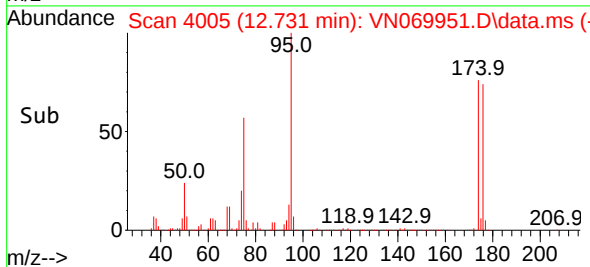
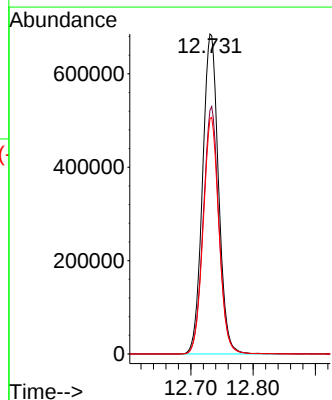
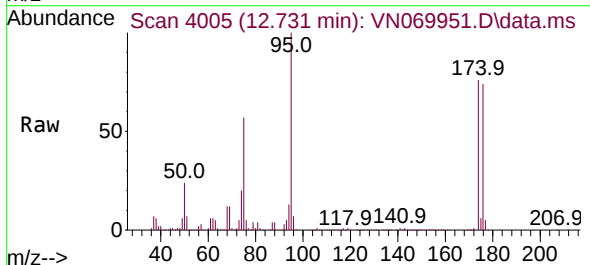
Instrument :
MSVOA_N
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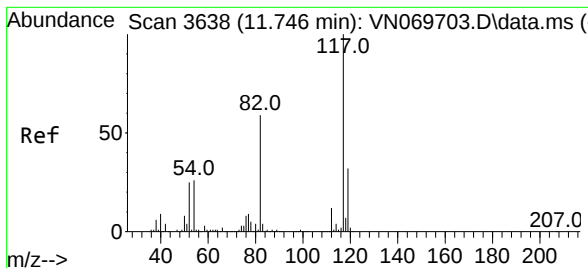
Tgt Ion: 98 Resp: 2909546
Ion Ratio Lower Upper
98 100
100 63.5 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 60.881 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069951.D
Acq: 10 Dec 2021 8:52

Tgt Ion: 95 Resp: 1217286
Ion Ratio Lower Upper
95 100
174 76.2 0.0 187.2
176 72.9 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: VN069951.D

Acq: 10 Dec 2021 8:52

Instrument :

MSVOA_N

ClientSampleId :

TP-11S

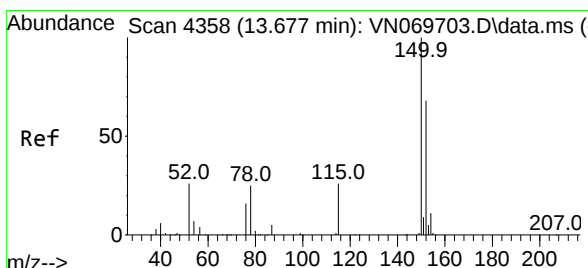
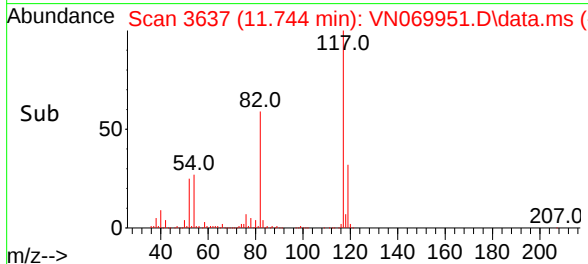
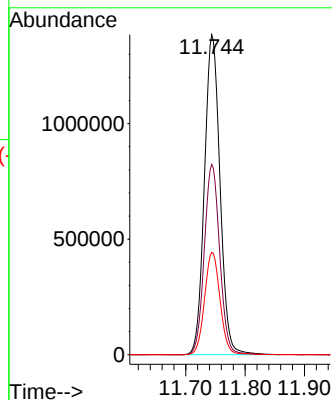
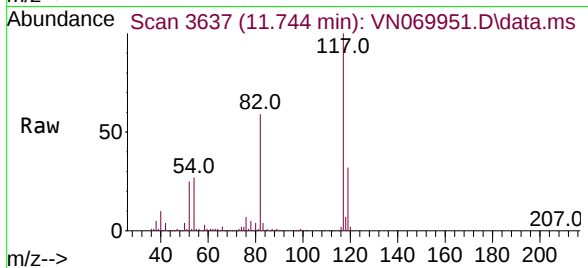
Tgt Ion:117 Resp: 2519960

Ion Ratio Lower Upper

117 100

82 59.4 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. -0.003 min

Lab File: VN069951.D

Acq: 10 Dec 2021 8:52

Tgt Ion:152 Resp: 1034792

Ion Ratio Lower Upper

152 100

115 61.1 27.5 82.5

150 159.0 0.0 344.4

