

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061822\
 Data File : VN072927.D
 Acq On : 18 Jun 2022 10:04
 Operator : JC\MD
 Sample : N3334-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-5

Quant Time: Jun 20 08:02:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	301325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	525632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	459960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	202435	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	173958	42.701	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.400%
35) Dibromofluoromethane	7.951	113	137295	42.259	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.520%
50) Toluene-d8	10.375	98	464662	38.436	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	76.880%#
62) 4-Bromofluorobenzene	12.669	95	162707	37.429	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	74.860%#

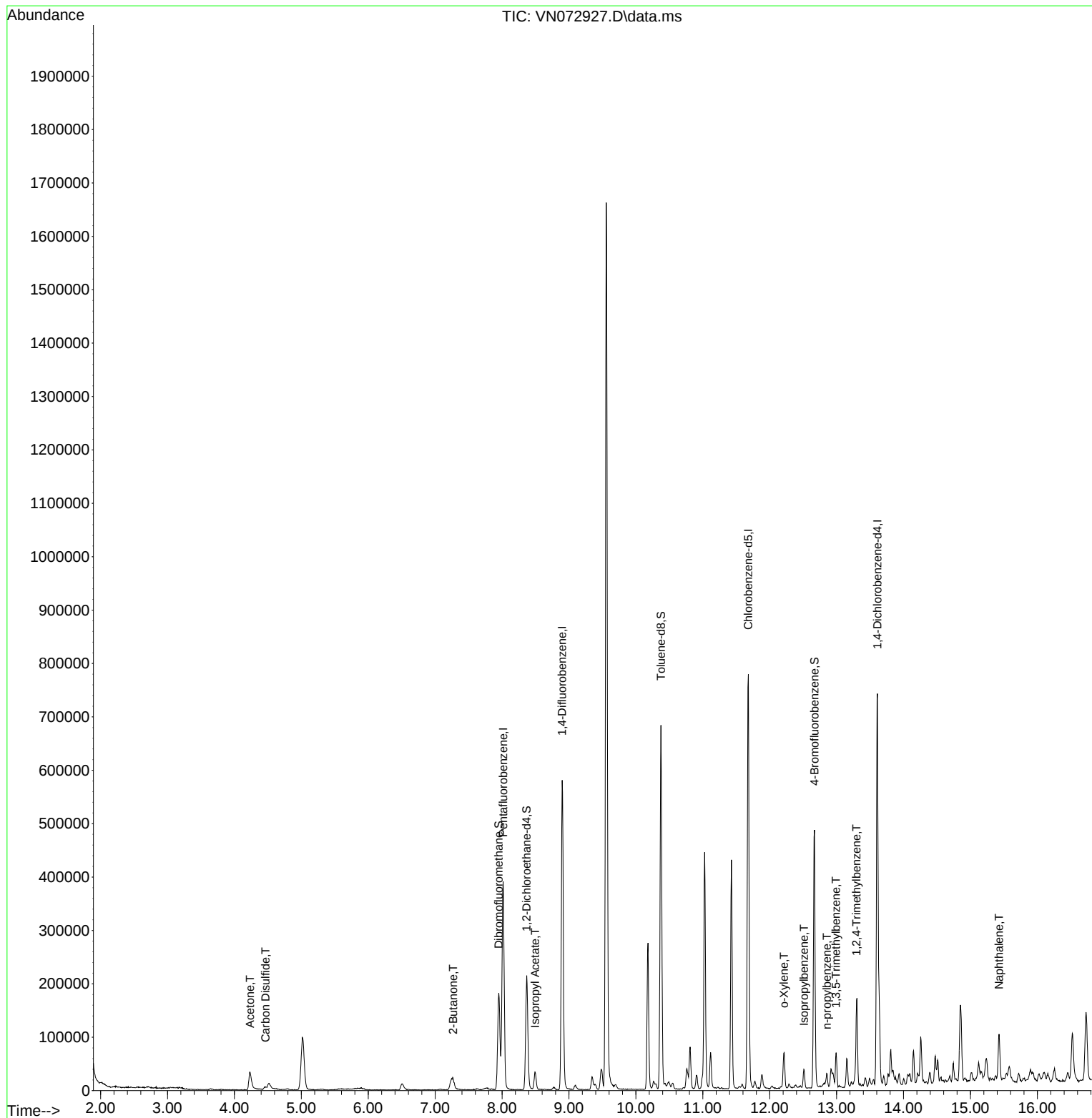
Target Compounds					Qvalue	
16) Acetone	4.234	43	63480	28.347	ug/l	90
17) Carbon Disulfide	4.463	76	9948	1.346	ug/l	# 90
25) 2-Butanone	7.269	43	28327	7.972	ug/l	90
43) Isopropyl Acetate	8.492	43	39222	3.902	ug/l	# 88
69) o-Xylene	12.216	106	14956	2.413	ug/l	99
73) Isopropylbenzene	12.516	105	22025	1.406	ug/l	98
78) n-propylbenzene	12.857	91	20078	1.166	ug/l	100
80) 1,3,5-Trimethylbenzene	12.992	105	30522	2.373	ug/l	97
84) 1,2,4-Trimethylbenzene	13.298	105	89164	6.959	ug/l	99
95) Naphthalene	15.427	128	82638	5.284	ug/l	99

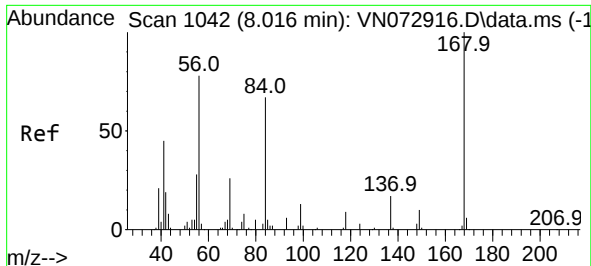
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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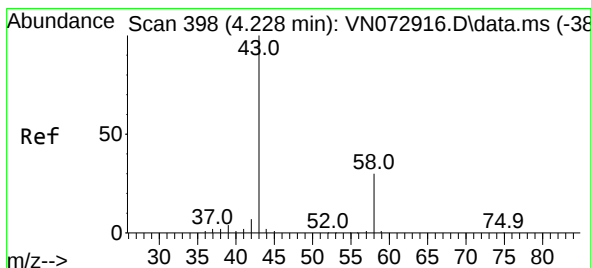
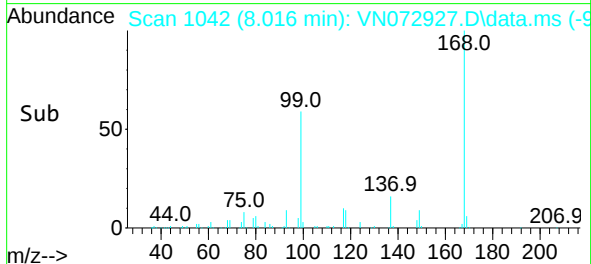
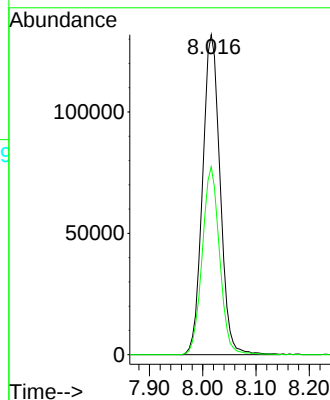
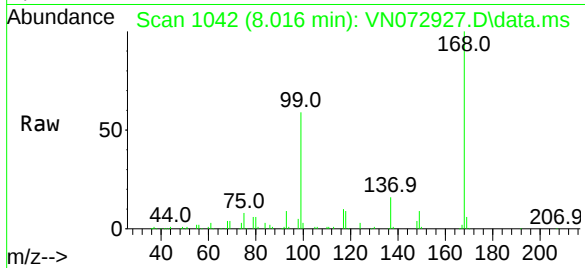




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072927.D
Acq: 18 Jun 2022 10:04

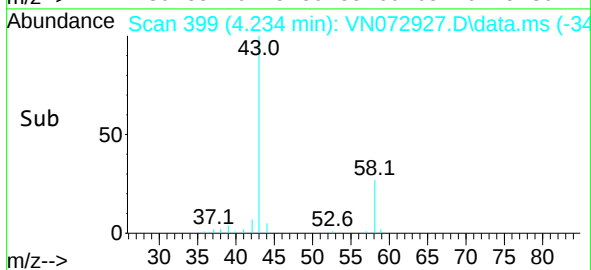
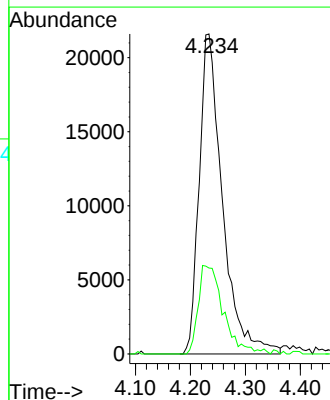
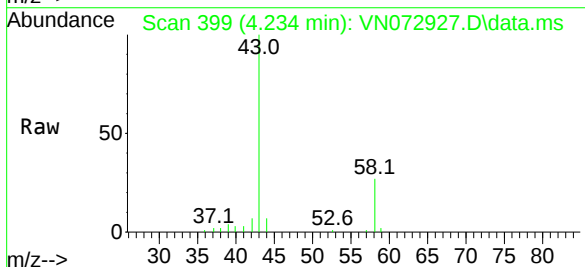
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-5

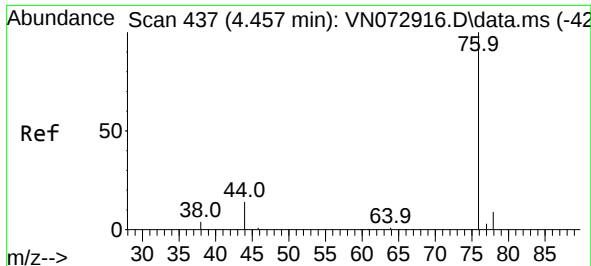
Tgt Ion:168 Resp: 301325
Ion Ratio Lower Upper
168 100
99 58.7 42.3 63.5



#16
Acetone
Concen: 28.347 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: VN072927.D
Acq: 18 Jun 2022 10:04

Tgt Ion: 43 Resp: 63480
Ion Ratio Lower Upper
43 100
58 26.9 26.0 39.0





#17

Carbon Disulfide

Concen: 1.346 ug/l

RT: 4.463 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN072927.D

Acq: 18 Jun 2022 10:04

Instrument :

MSVOA_N

ClientSampleId :

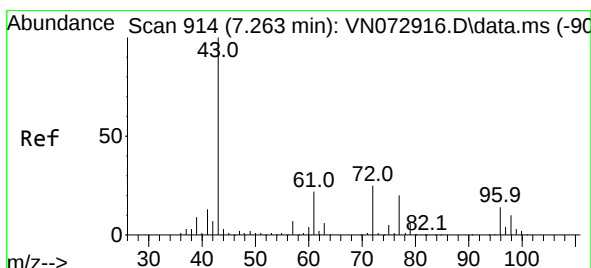
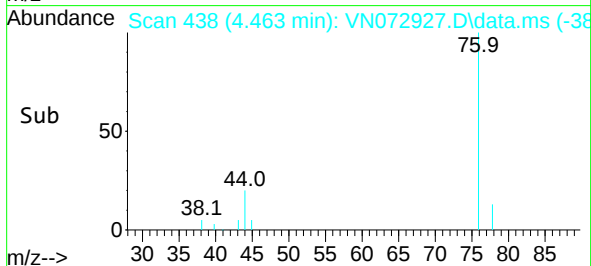
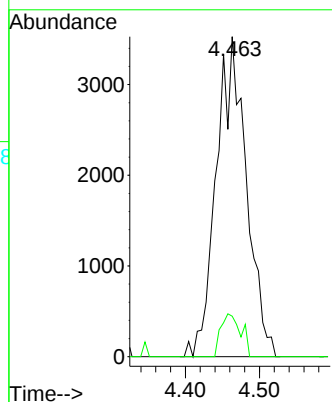
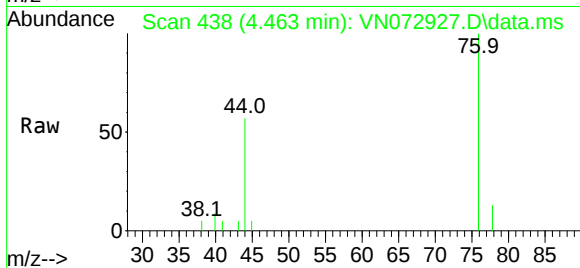
WC-14A-1A-5

Tgt Ion: 76 Resp: 9948

Ion Ratio Lower Upper

76 100

78 12.7 7.2 10.8#



#25

2-Butanone

Concen: 7.972 ug/l

RT: 7.269 min Scan# 915

Delta R.T. 0.006 min

Lab File: VN072927.D

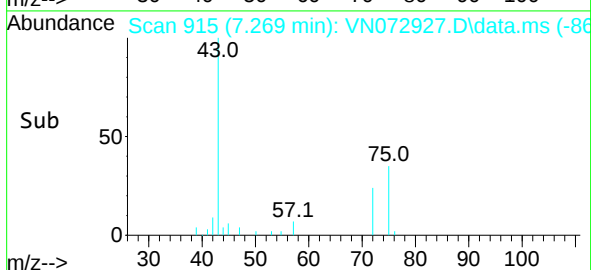
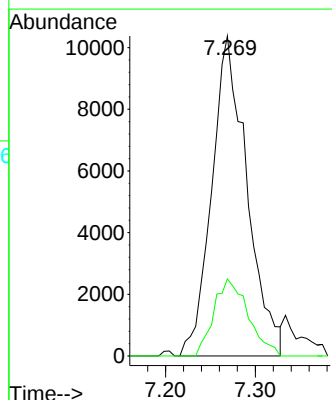
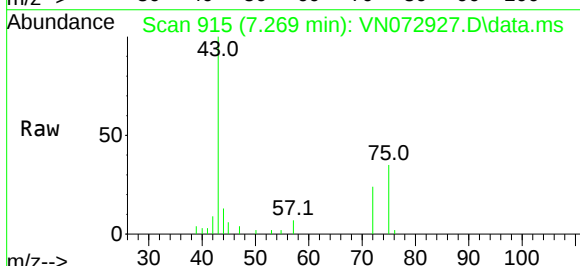
Acq: 18 Jun 2022 10:04

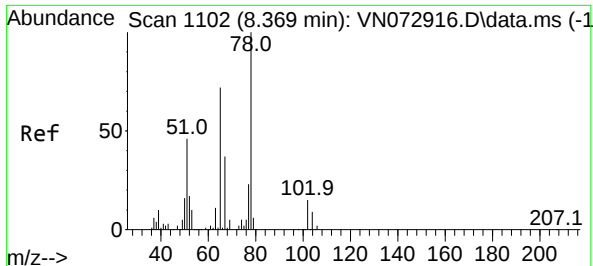
Tgt Ion: 43 Resp: 28327

Ion Ratio Lower Upper

43 100

72 24.1 23.7 35.5

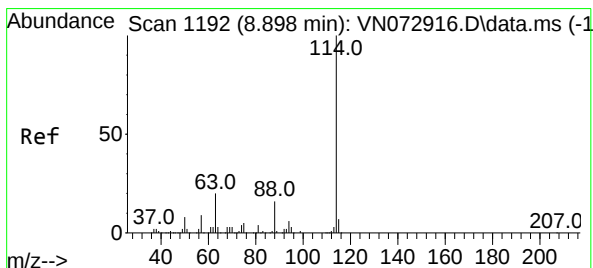
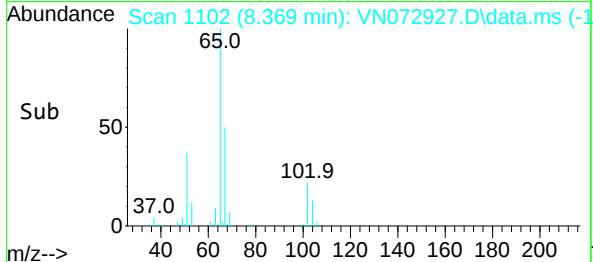
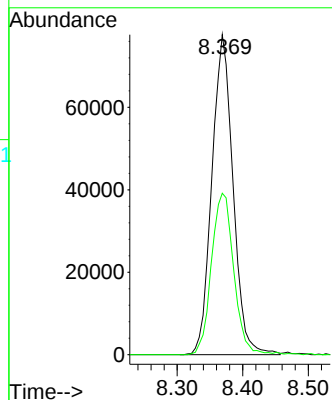
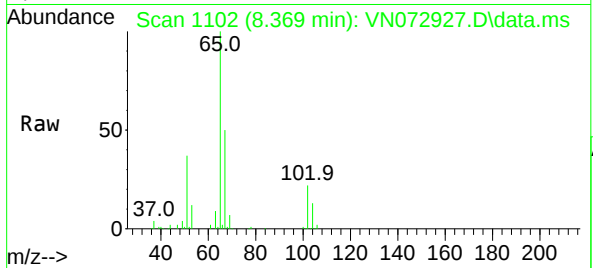




#33
 1,2-Dichloroethane-d4
 Concen: 42.701 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: VN072927.D
 Acq: 18 Jun 2022 10:04

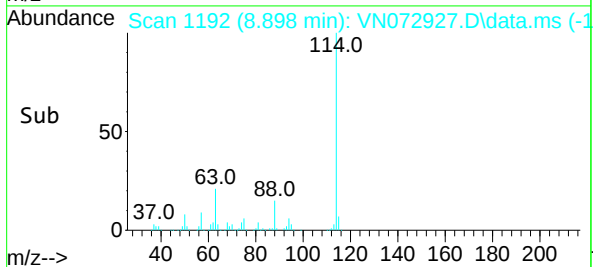
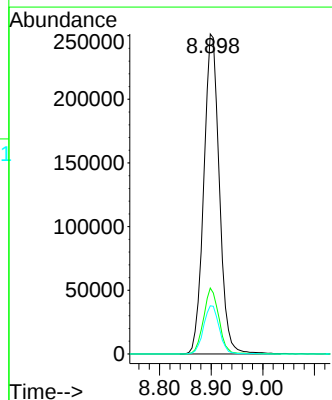
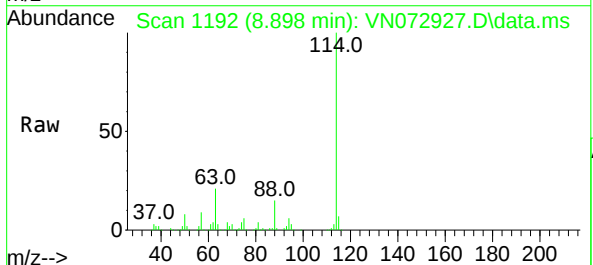
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-5

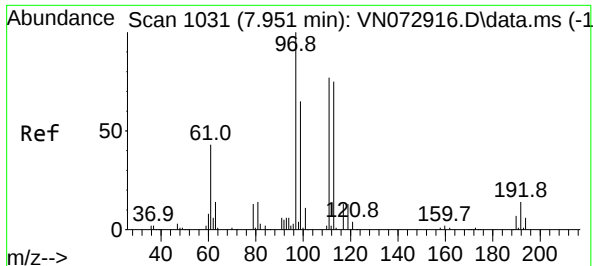
Tgt Ion: 65 Resp: 173958
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.898 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: VN072927.D
 Acq: 18 Jun 2022 10:04

Tgt Ion: 114 Resp: 525632
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.0
 88 15.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 42.259 ug/l

RT: 7.951 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VN072927.D

Acq: 18 Jun 2022 10:04

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-5

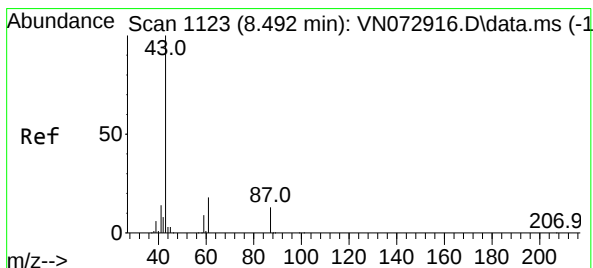
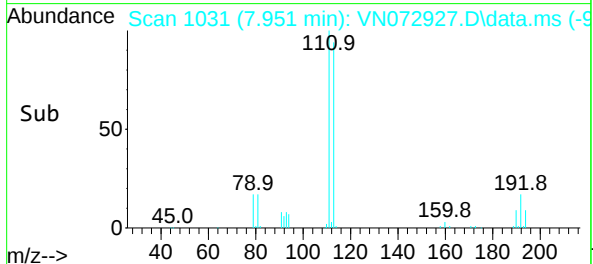
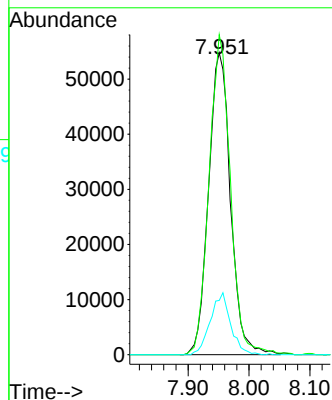
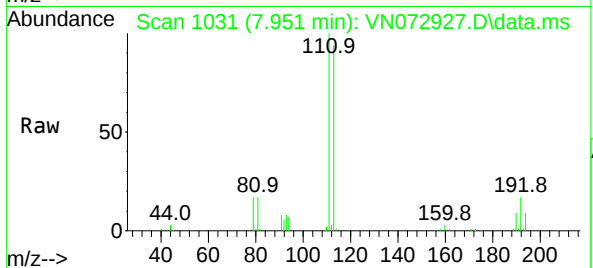
Tgt Ion:113 Resp: 137295

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 18.9 17.0 25.6



#43

Isopropyl Acetate

Concen: 3.902 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN072927.D

Acq: 18 Jun 2022 10:04

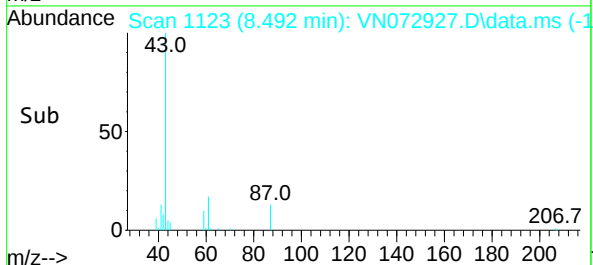
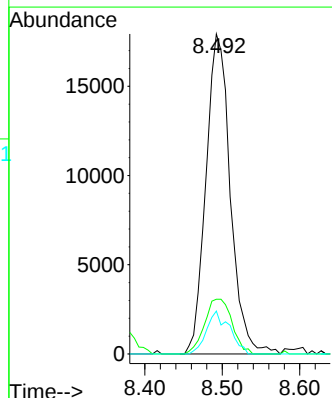
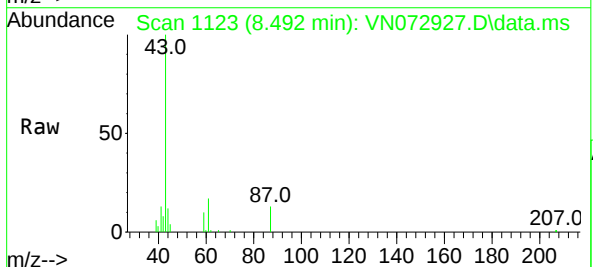
Tgt Ion: 43 Resp: 39222

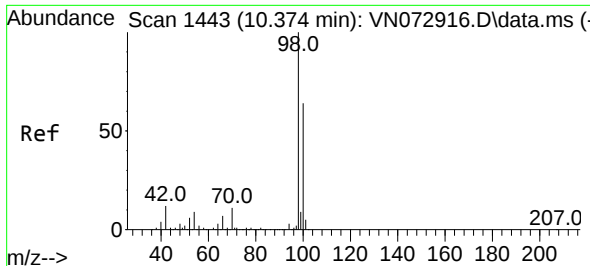
Ion Ratio Lower Upper

43 100

61 19.2 21.9 32.9#

87 12.6 12.0 18.0

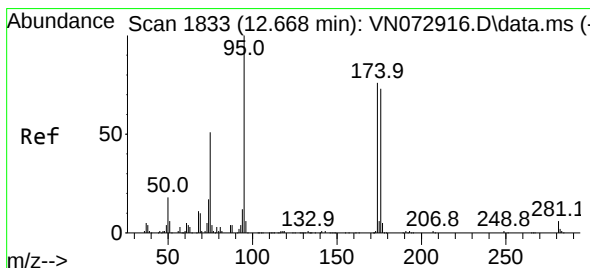
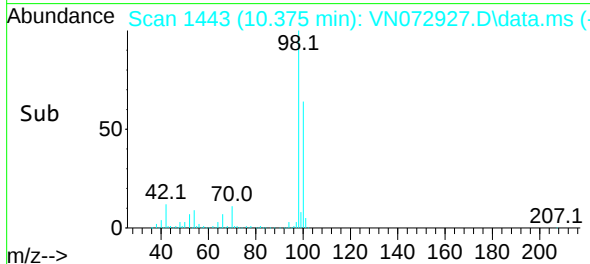
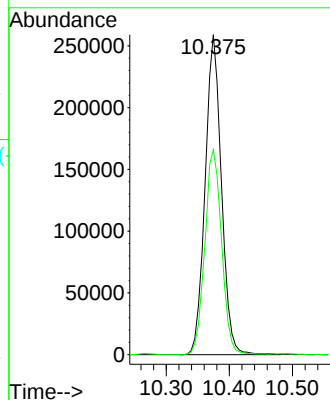
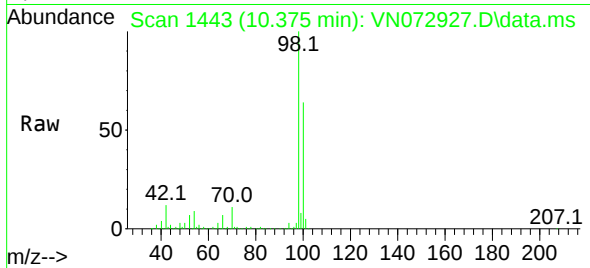




#50
Toluene-d8
Concen: 38.436 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072927.D
Acq: 18 Jun 2022 10:04

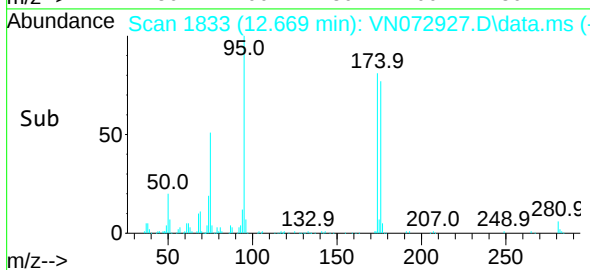
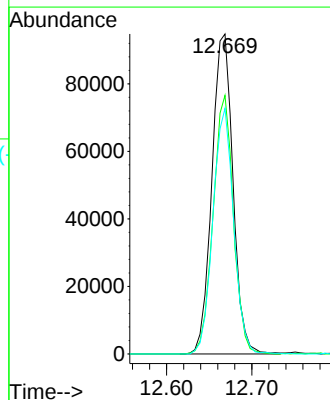
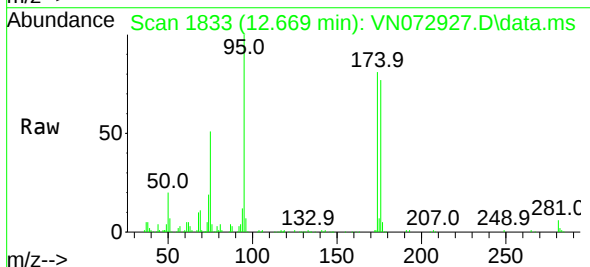
Instrument :
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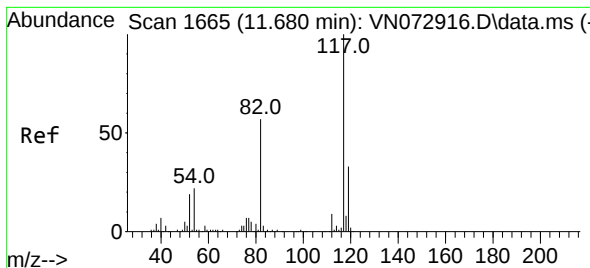
Tgt Ion: 98 Resp: 464662
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 37.429 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN072927.D
Acq: 18 Jun 2022 10:04

Tgt Ion: 95 Resp: 162707
Ion Ratio Lower Upper
95 100
174 77.7 0.0 167.6
176 75.4 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072927.D

Acq: 18 Jun 2022 10:04

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-5

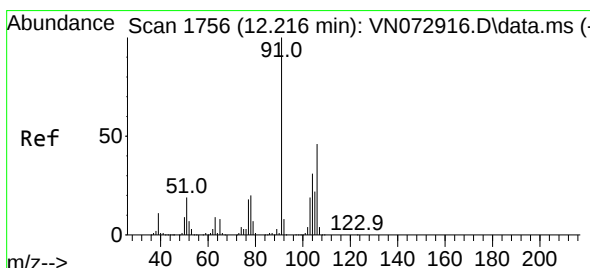
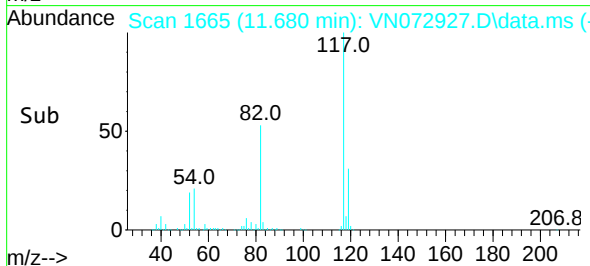
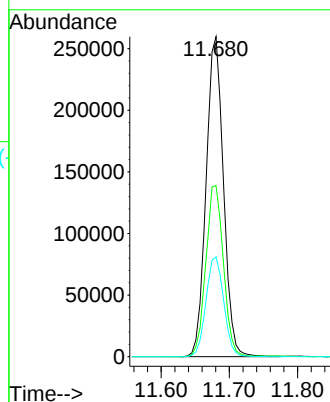
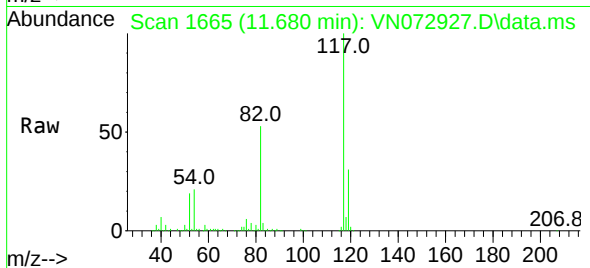
Tgt Ion:117 Resp: 459960

Ion Ratio Lower Upper

117 100

82 53.4 44.2 66.2

119 31.2 25.4 38.0



#69

o-Xylene

Concen: 2.413 ug/l

RT: 12.216 min Scan# 1756

Delta R.T. 0.000 min

Lab File: VN072927.D

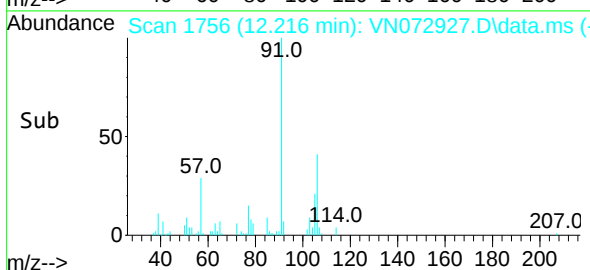
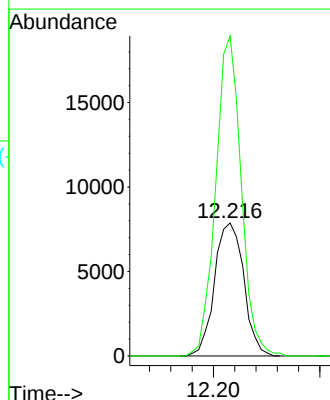
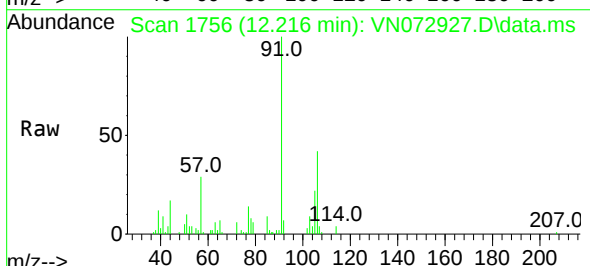
Acq: 18 Jun 2022 10:04

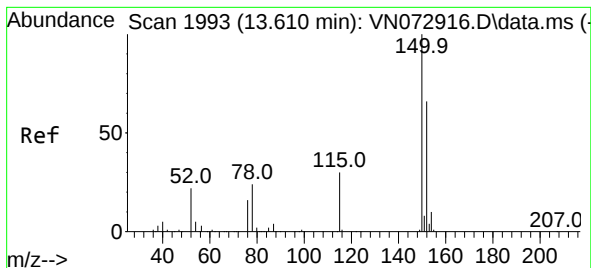
Tgt Ion:106 Resp: 14956

Ion Ratio Lower Upper

106 100

91 210.5 106.0 318.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VN072927.D

Acq: 18 Jun 2022 10:04

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-5

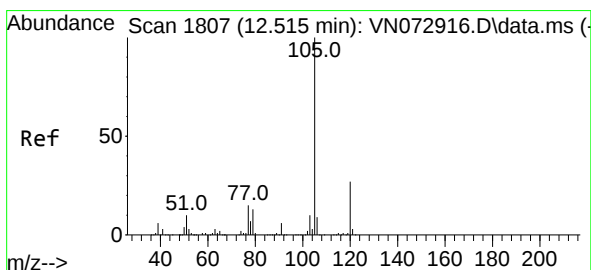
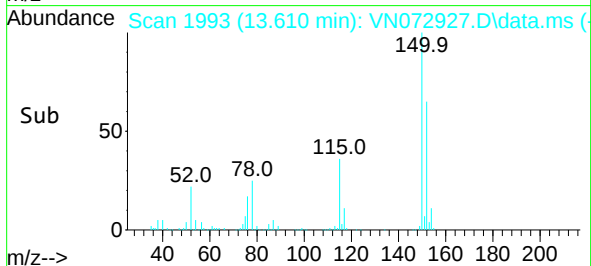
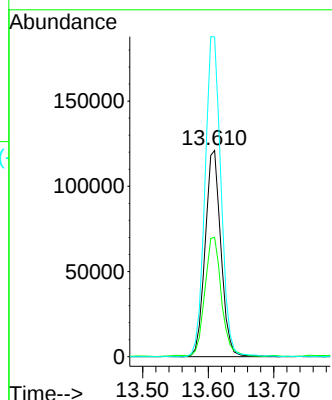
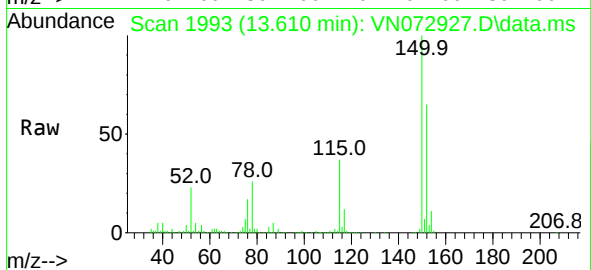
Tgt Ion:152 Resp: 202435

Ion Ratio Lower Upper

152 100

115 60.6 28.9 86.7

150 157.9 0.0 356.2



#73

Isopropylbenzene

Concen: 1.406 ug/l

RT: 12.516 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN072927.D

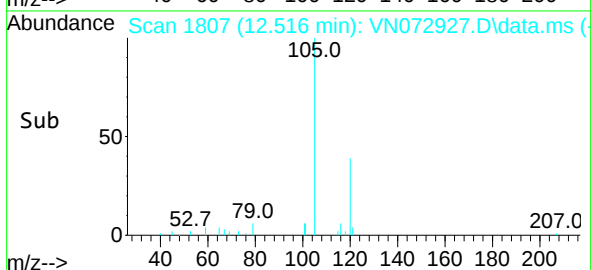
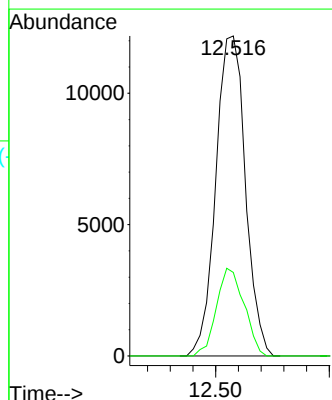
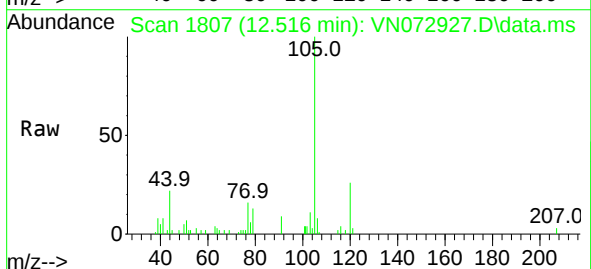
Acq: 18 Jun 2022 10:04

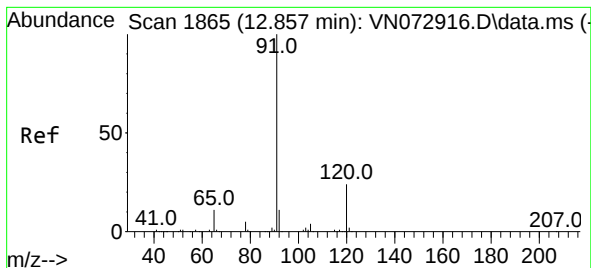
Tgt Ion:105 Resp: 22025

Ion Ratio Lower Upper

105 100

120 25.6 13.5 40.4





#78

n-propylbenzene

Concen: 1.166 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. 0.000 min

Lab File: VN072927.D

Acq: 18 Jun 2022 10:04

Instrument :

MSVOA_N

ClientSampleId :

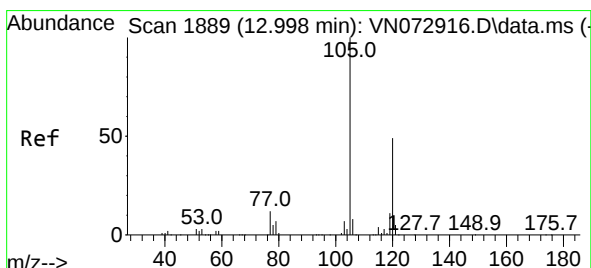
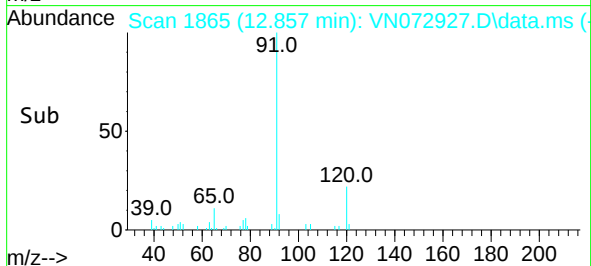
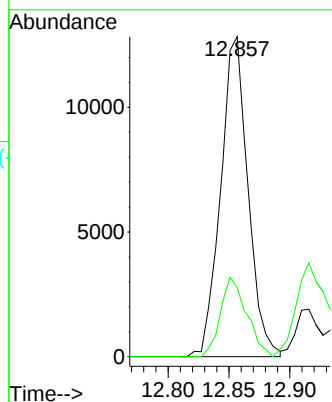
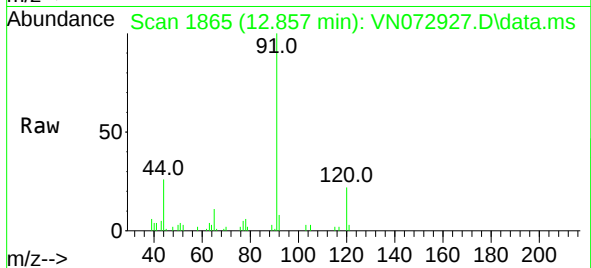
WC-14A-1A-5

Tgt Ion: 91 Resp: 20078

Ion Ratio Lower Upper

91 100

120 23.7 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 2.373 ug/l

RT: 12.992 min Scan# 1888

Delta R.T. -0.006 min

Lab File: VN072927.D

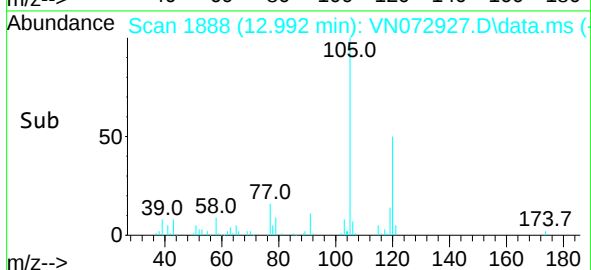
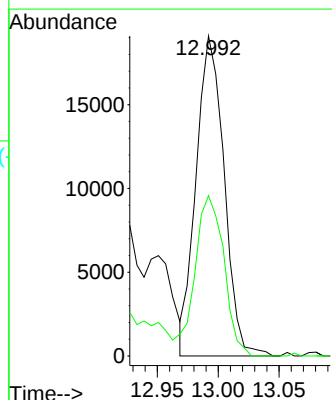
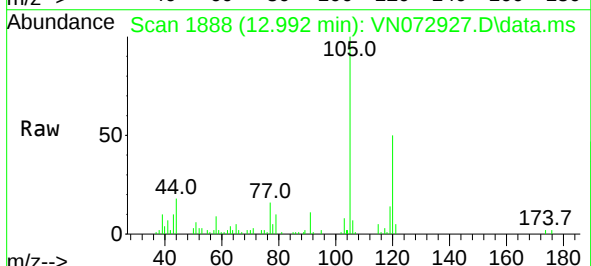
Acq: 18 Jun 2022 10:04

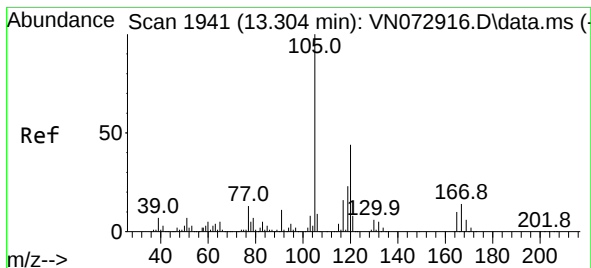
Tgt Ion: 105 Resp: 30522

Ion Ratio Lower Upper

105 100

120 52.0 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 6.959 ug/l

RT: 13.298 min Scan# 1941

Delta R.T. -0.006 min

Lab File: VN072927.D

Acq: 18 Jun 2022 10:04

Instrument :

MSVOA_N

ClientSampleId :

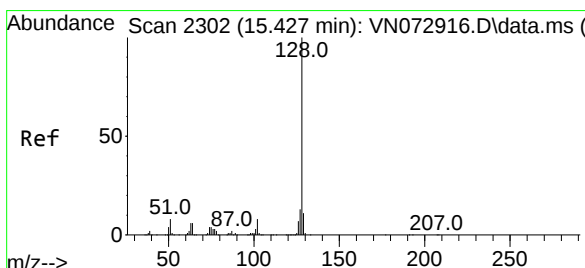
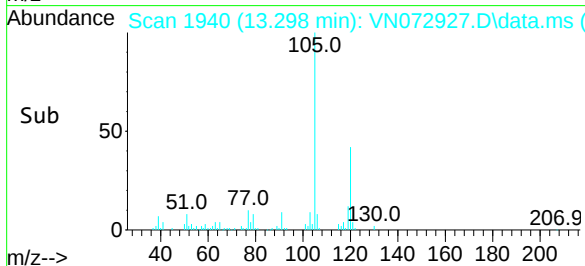
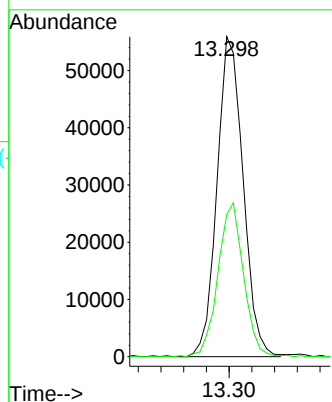
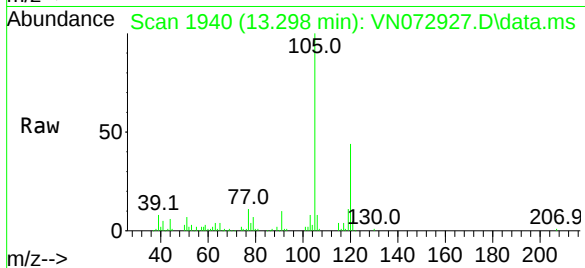
WC-14A-1A-5

Tgt Ion:105 Resp: 89164

Ion Ratio Lower Upper

105 100

120 47.2 23.3 69.8



#95

Naphthalene

Concen: 5.284 ug/l

RT: 15.427 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN072927.D

Acq: 18 Jun 2022 10:04

Tgt Ion:128 Resp: 82638

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.4 8.6 13.0

