

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN072984.D
 Acq On : 21 Jun 2022 15:31
 Operator : JC\MD
 Sample : N3379-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-03

Quant Time: Jun 22 07:00:58 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)

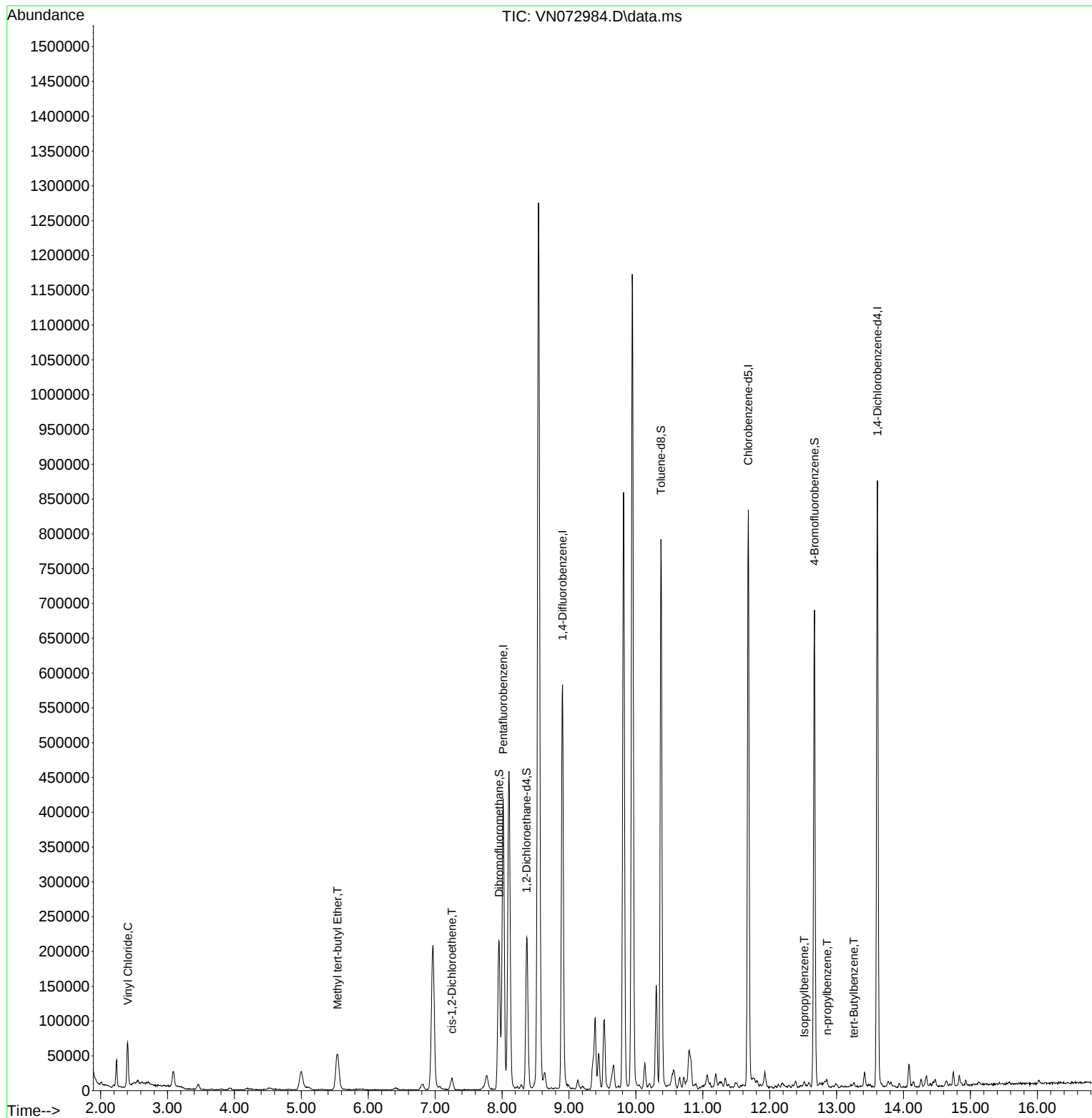
Internal Standards						
1) Pentafluorobenzene	8.016	168	316842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	511366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	469340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	238046	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	186476	43.532	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.060%
35) Dibromofluoromethane	7.957	113	163699	51.792	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.580%
50) Toluene-d8	10.375	98	536364	45.605	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.220%
62) 4-Bromofluorobenzene	12.669	95	228173	53.953	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.900%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.410	62	5095	1.883	ug/l #	46
19) Methyl tert-butyl Ether	5.540	73	56127	4.927	ug/l #	36
27) cis-1,2-Dichloroethene	7.251	96	5796	1.470	ug/l	87
73) Isopropylbenzene	12.516	105	4693	0.255	ug/l	100
78) n-propylbenzene	12.857	91	7802	0.385	ug/l	94
83) tert-Butylbenzene	13.257	119	3258	0.235	ug/l	96

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

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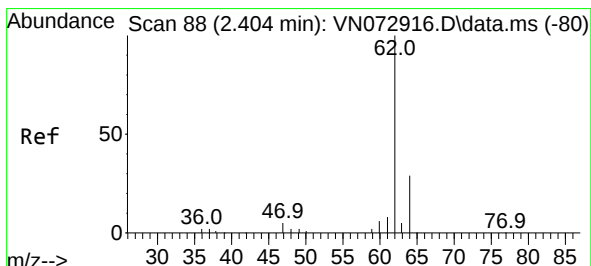
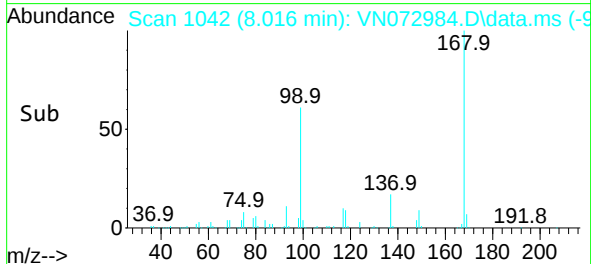
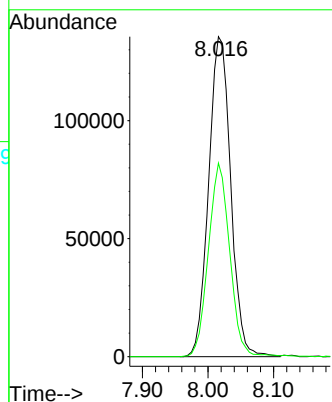
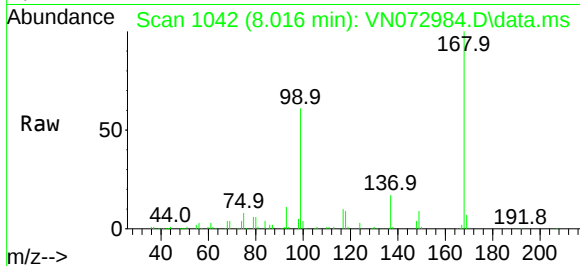




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072984.D
Acq: 21 Jun 2022 15:31

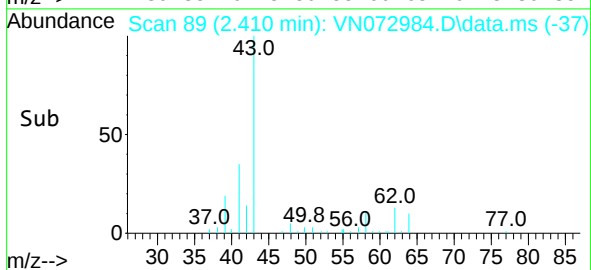
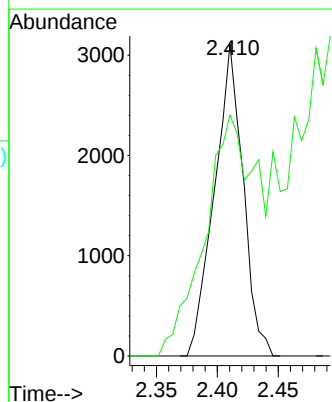
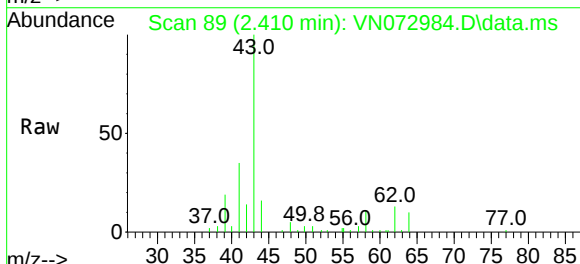
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-03

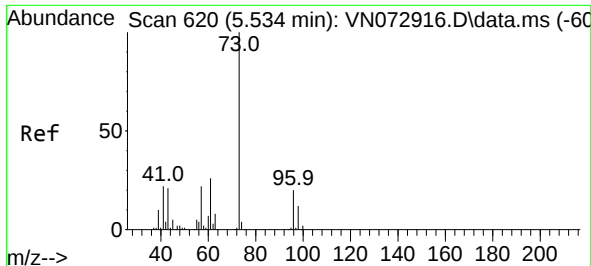
Tgt Ion:168 Resp: 316842
Ion Ratio Lower Upper
168 100
99 60.5 42.3 63.5



#4
Vinyl Chloride
Concen: 1.883 ug/l
RT: 2.410 min Scan# 89
Delta R.T. 0.006 min
Lab File: VN072984.D
Acq: 21 Jun 2022 15:31

Tgt Ion: 62 Resp: 5095
Ion Ratio Lower Upper
62 100
64 61.2 25.0 37.4#





#19

Methyl tert-butyl Ether

Concen: 4.927 ug/l

RT: 5.540 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN072984.D

Acq: 21 Jun 2022 15:31

Instrument :

MSVOA_N

ClientSampleId :

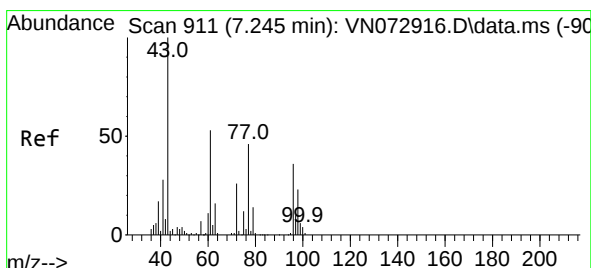
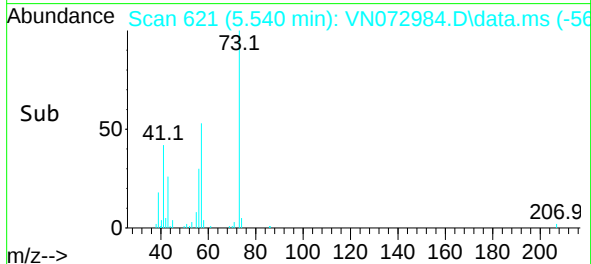
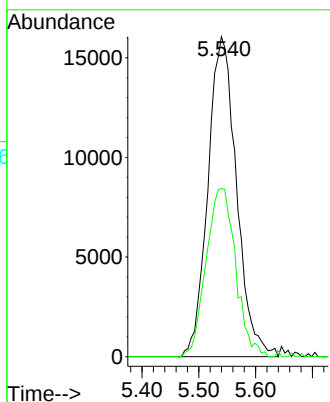
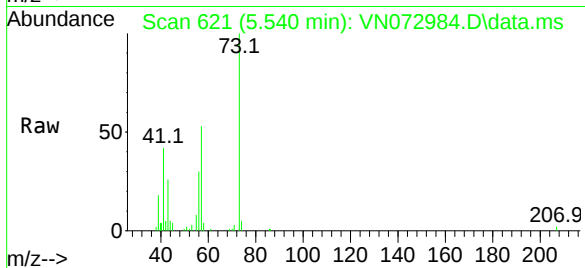
TOLL-MW-03

Tgt Ion: 73 Resp: 56127

Ion Ratio Lower Upper

73 100

57 52.6 17.6 26.4#



#27

cis-1,2-Dichloroethene

Concen: 1.470 ug/l

RT: 7.251 min Scan# 912

Delta R.T. 0.006 min

Lab File: VN072984.D

Acq: 21 Jun 2022 15:31

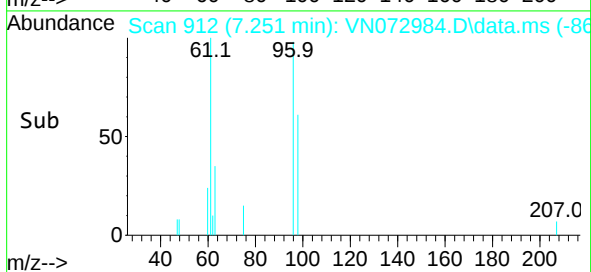
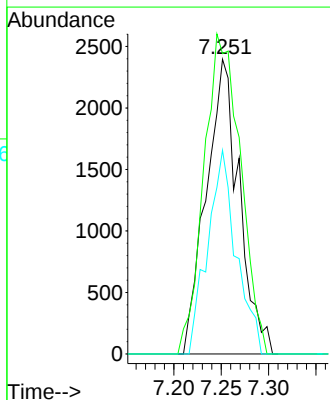
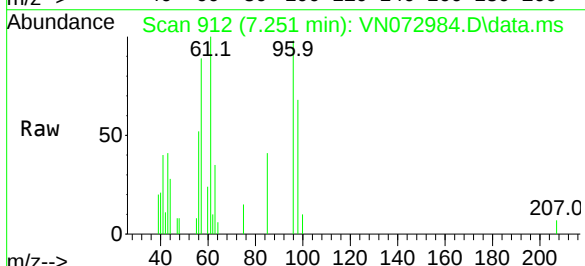
Tgt Ion: 96 Resp: 5796

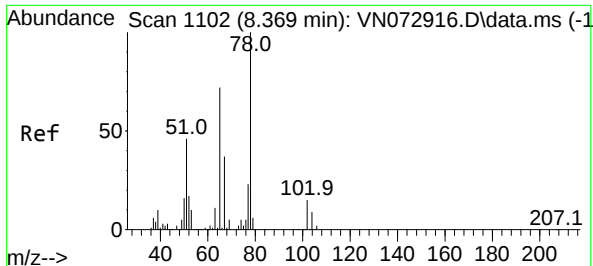
Ion Ratio Lower Upper

96 100

61 120.3 0.0 280.6

98 60.1 0.0 128.4





#33

1,2-Dichloroethane-d4

Concen: 43.532 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072984.D

Acq: 21 Jun 2022 15:31

Instrument :

MSVOA_N

ClientSampleId :

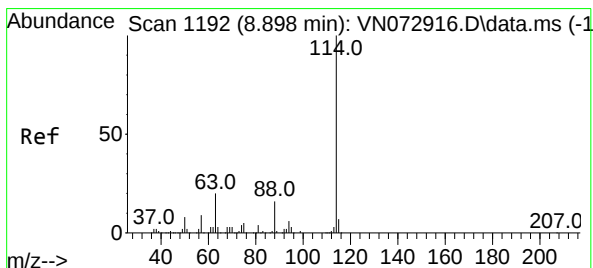
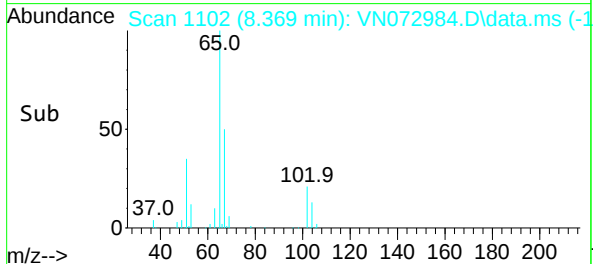
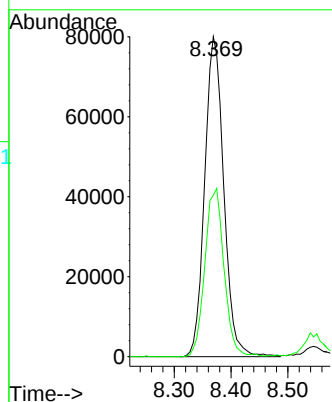
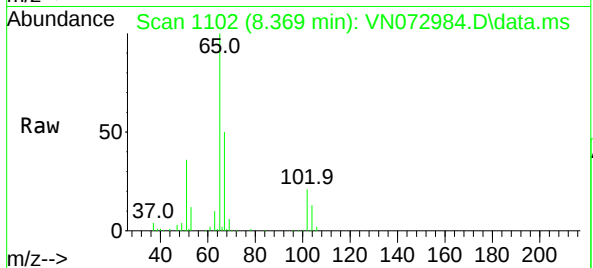
TOLL-MW-03

Tgt Ion: 65 Resp: 186476

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN072984.D

Acq: 21 Jun 2022 15:31

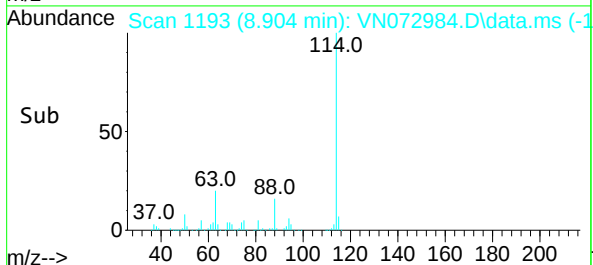
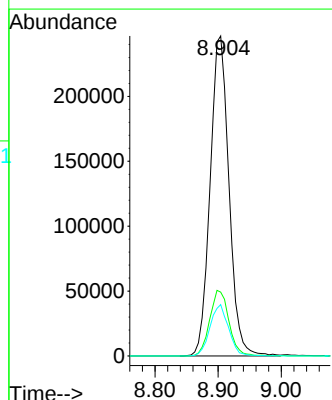
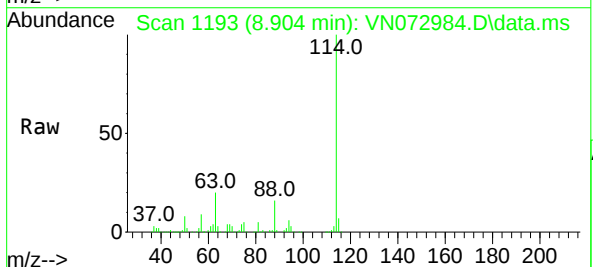
Tgt Ion: 114 Resp: 511366

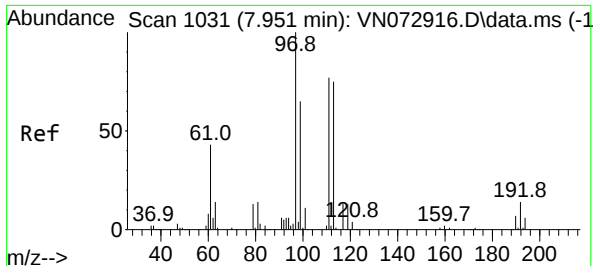
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.792 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN072984.D

Acq: 21 Jun 2022 15:31

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-03

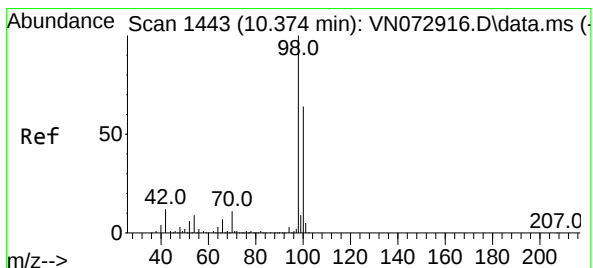
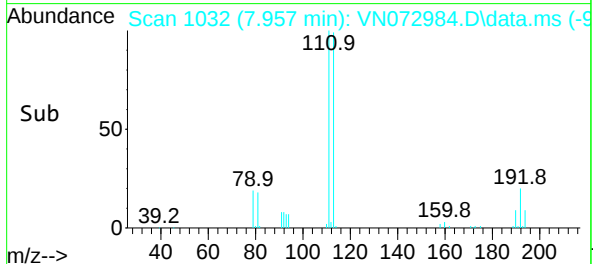
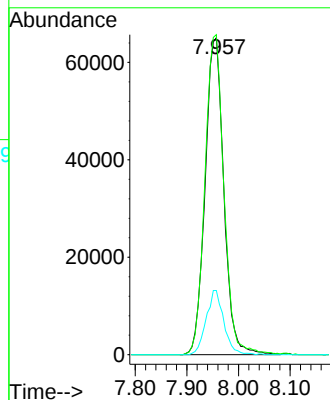
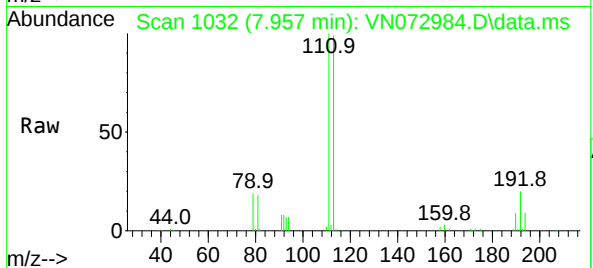
Tgt Ion:113 Resp: 163699

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 19.1 17.0 25.6



#50

Toluene-d8

Concen: 45.605 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN072984.D

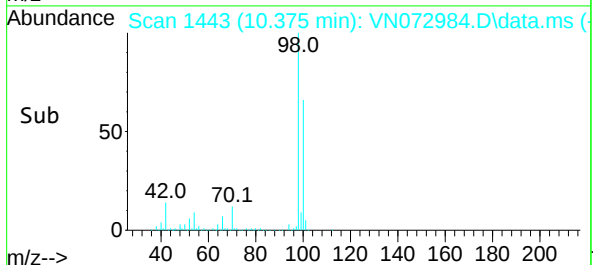
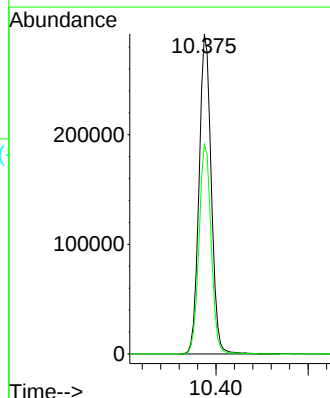
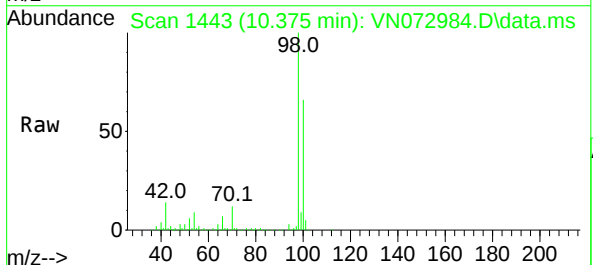
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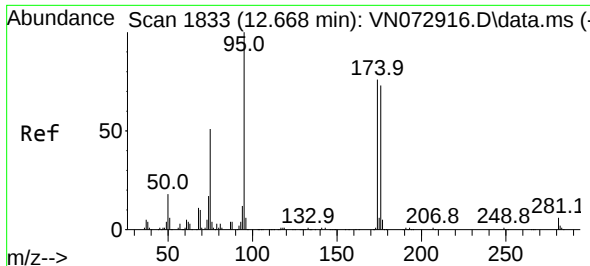
Tgt Ion: 98 Resp: 536364

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8

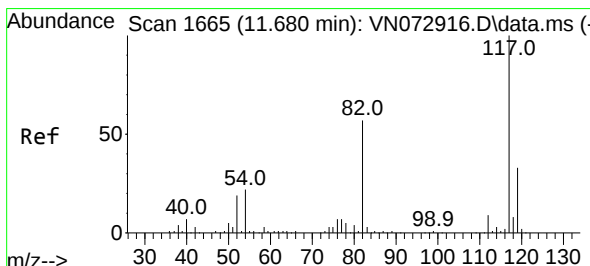
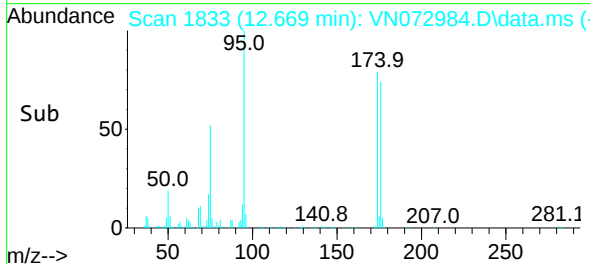
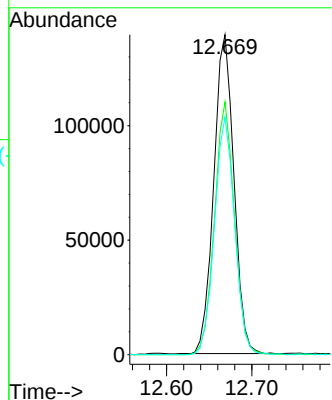
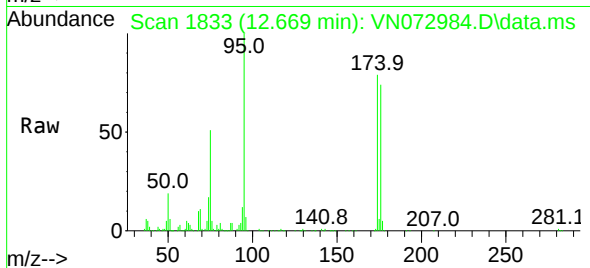




#62
4-Bromofluorobenzene
Concen: 53.953 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN072984.D
Acq: 21 Jun 2022 15:31

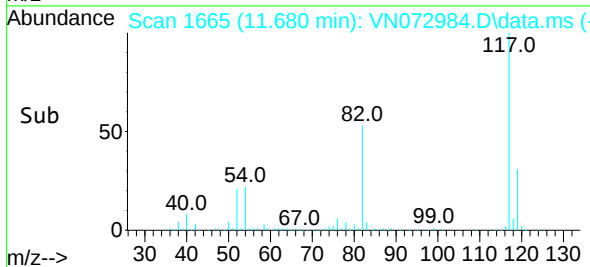
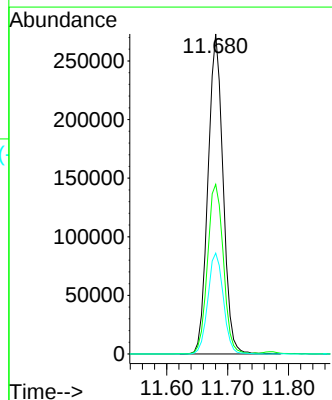
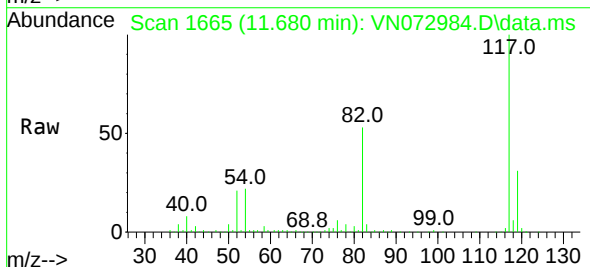
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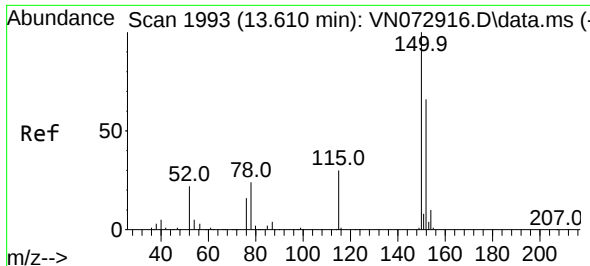
Tgt Ion: 95 Resp: 228173
Ion Ratio Lower Upper
95 100
174 78.9 0.0 167.6
176 74.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072984.D
Acq: 21 Jun 2022 15:31

Tgt Ion: 117 Resp: 469340
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.2
119 31.5 25.4 38.0

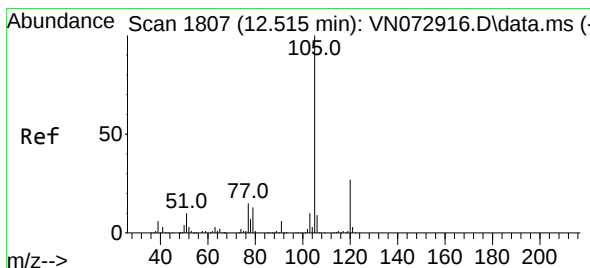
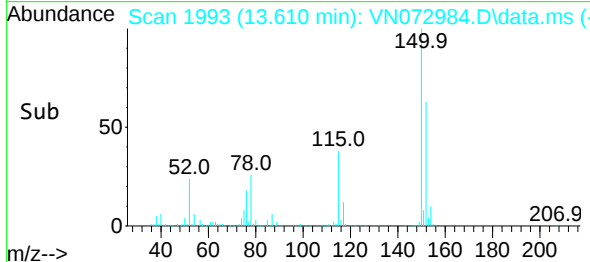
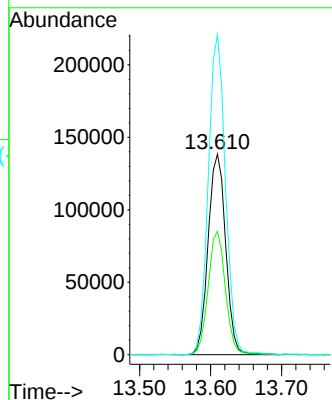
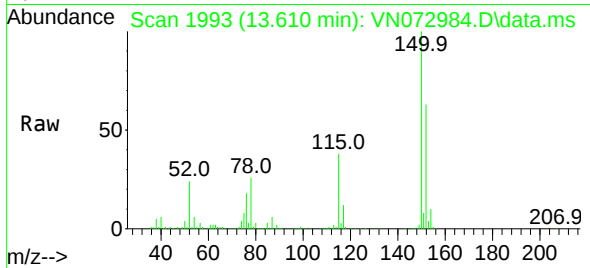




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN072984.D
Acq: 21 Jun 2022 15:31

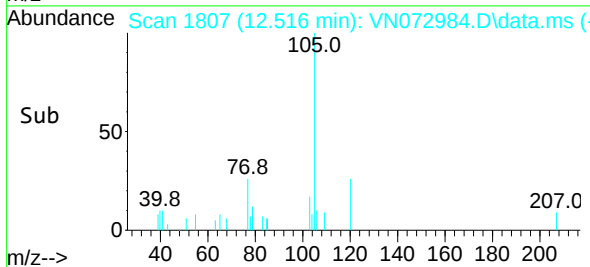
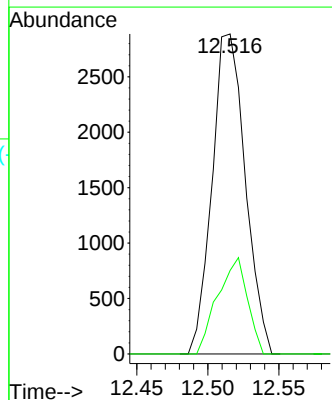
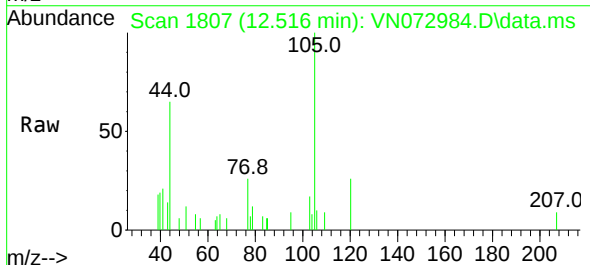
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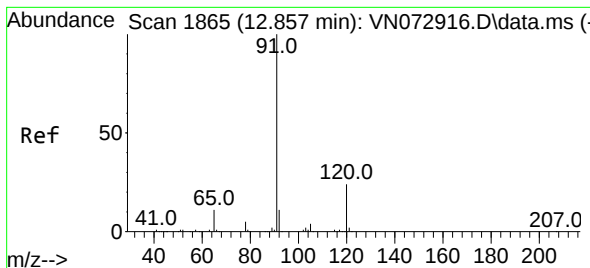
Tgt Ion:152 Resp: 238046
Ion Ratio Lower Upper
152 100
115 60.6 28.9 86.7
150 155.9 0.0 356.2



#73
Isopropylbenzene
Concen: 0.255 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN072984.D
Acq: 21 Jun 2022 15:31

Tgt Ion:105 Resp: 4693
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4





#78

n-propylbenzene

Concen: 0.385 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. 0.000 min

Lab File: VN072984.D

Acq: 21 Jun 2022 15:31

Instrument :

MSVOA_N

ClientSampleId :

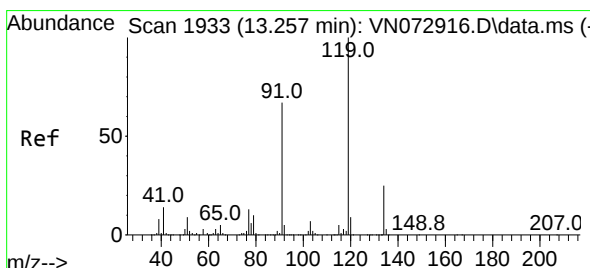
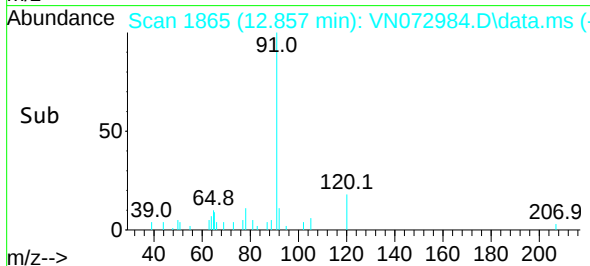
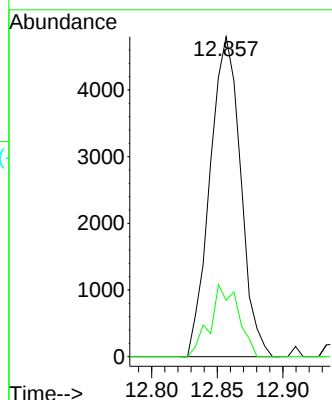
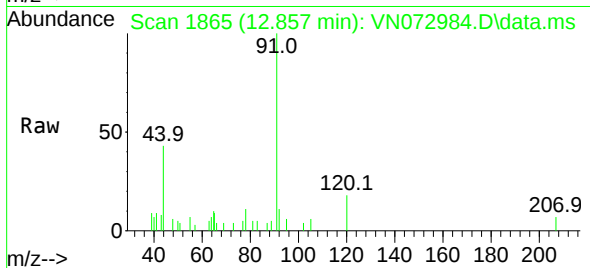
TOLL-MW-03

Tgt Ion: 91 Resp: 7802

Ion Ratio Lower Upper

91 100

120 20.8 11.9 35.5



#83

tert-Butylbenzene

Concen: 0.235 ug/l

RT: 13.257 min Scan# 1933

Delta R.T. 0.000 min

Lab File: VN072984.D

Acq: 21 Jun 2022 15:31

Tgt Ion: 119 Resp: 3258

Ion Ratio Lower Upper

119 100

91 65.8 31.6 94.8

134 25.1 13.7 41.1

