

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN072983.D
 Acq On : 21 Jun 2022 15:06
 Operator : JC\MD
 Sample : N3379-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-02

Quant Time: Jun 22 07:00:48 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)

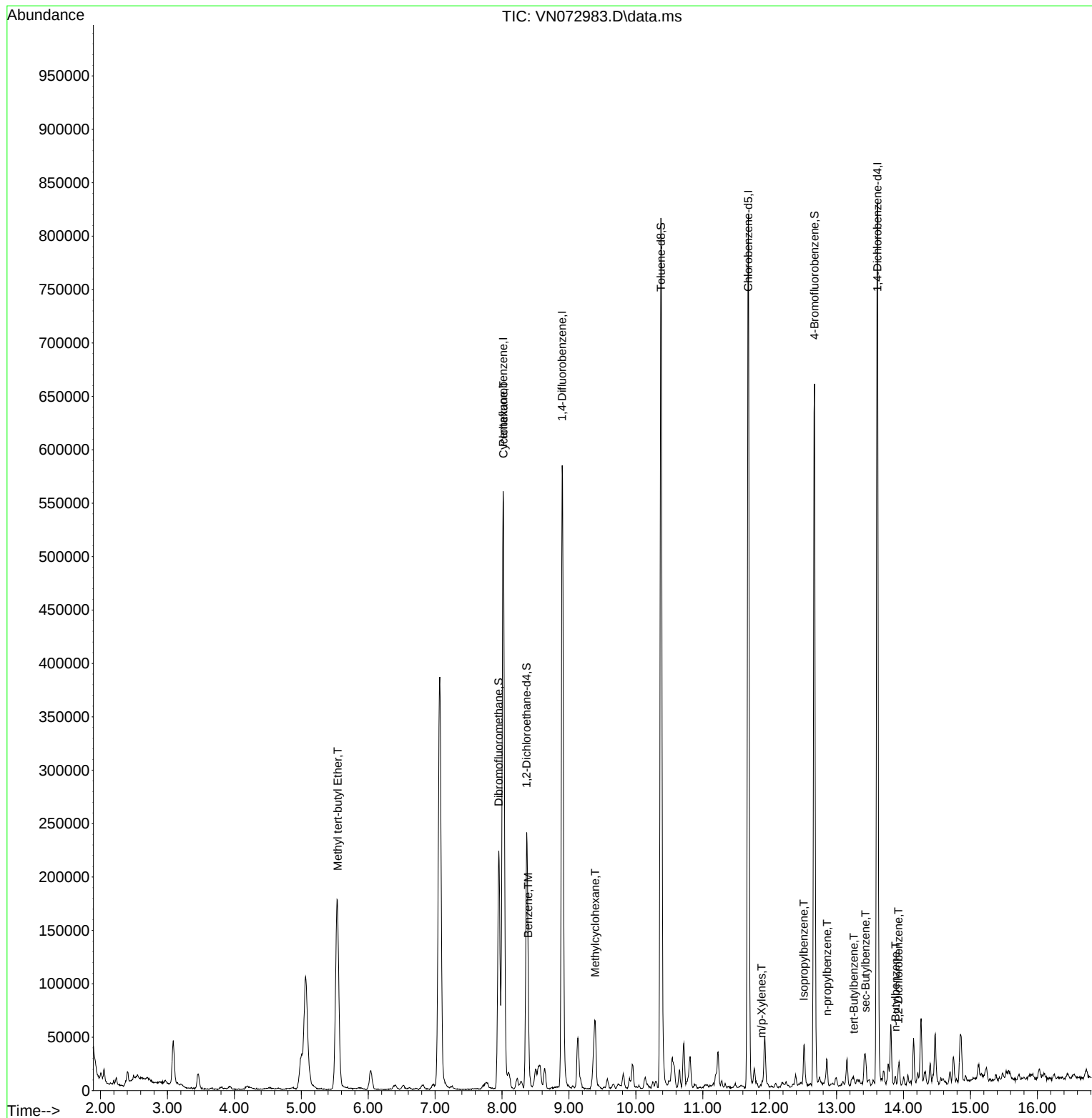
Internal Standards						
1) Pentafluorobenzene	8.016	168	317107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	516883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	464384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	225657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	188920	44.066	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.140%
35) Dibromofluoromethane	7.951	113	164180	51.390	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.780%
50) Toluene-d8	10.375	98	537055	45.176	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.360%
62) 4-Bromofluorobenzene	12.669	95	232166	54.311	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.620%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	5.546	73	9468	0.830	ug/l #	1
31) Cyclohexane	8.022	56	93051	16.045	ug/l #	91
39) Methylcyclohexane	9.392	83	24341	4.671	ug/l #	81
40) Benzene	8.392	78	24547	1.807	ug/l	90
68) m/p-Xylenes	11.880	106	1695	0.271	ug/l #	74
73) Isopropylbenzene	12.510	105	24967	1.430	ug/l	97
78) n-propylbenzene	12.857	91	18561	0.967	ug/l	95
83) tert-Butylbenzene	13.257	119	3500	0.267	ug/l	78
85) sec-Butylbenzene	13.433	105	14334	0.818	ug/l #	52
89) n-Butylbenzene	13.880	91	4456	0.385	ug/l	94
91) 1,2-Dichlorobenzene	13.921	146	3677	0.472	ug/l	98

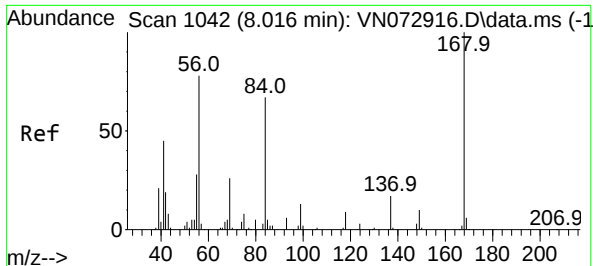
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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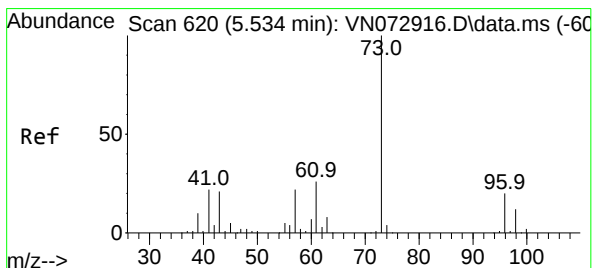
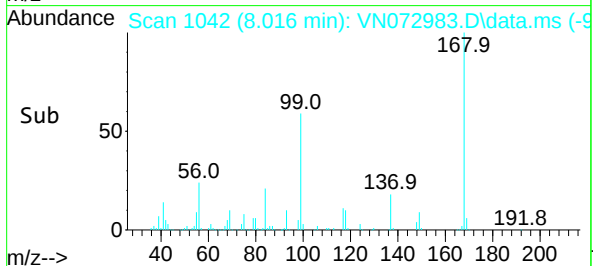
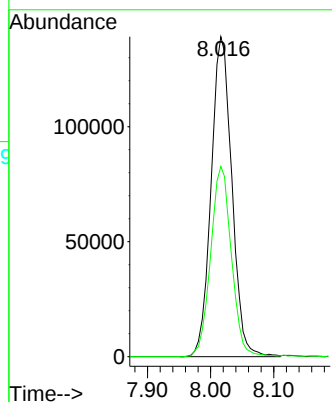
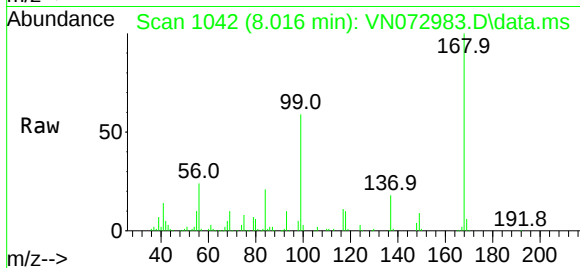




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072983.D
Acq: 21 Jun 2022 15:06

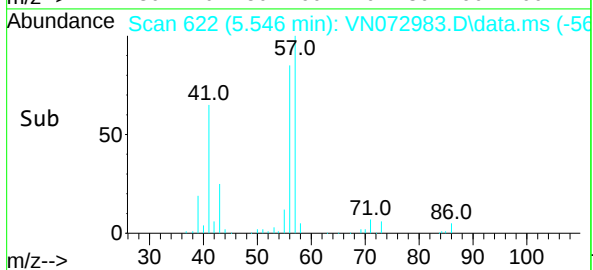
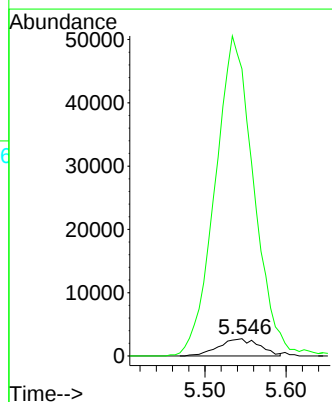
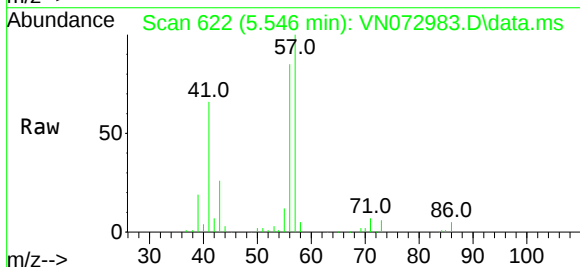
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-02

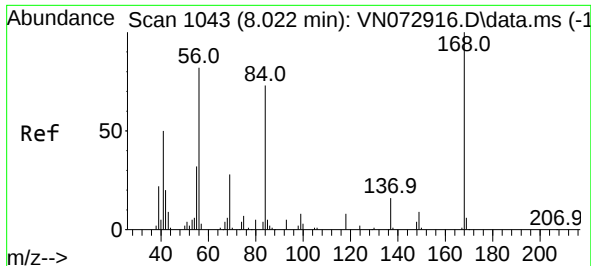
Tgt Ion:168 Resp: 317107
Ion Ratio Lower Upper
168 100
99 59.4 42.3 63.5



#19
Methyl tert-butyl Ether
Concen: 0.830 ug/l
RT: 5.546 min Scan# 622
Delta R.T. 0.012 min
Lab File: VN072983.D
Acq: 21 Jun 2022 15:06

Tgt Ion: 73 Resp: 9468
Ion Ratio Lower Upper
73 100
57 1641.9 17.6 26.4#

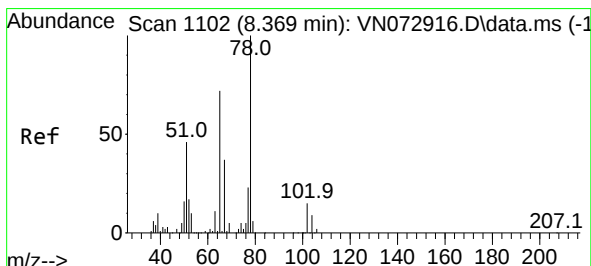
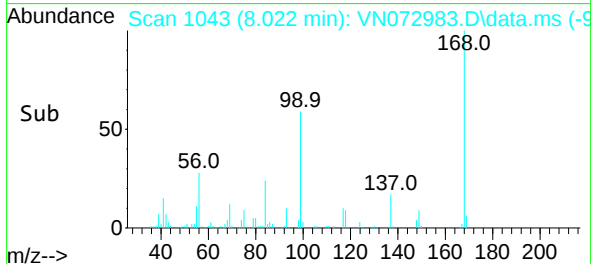
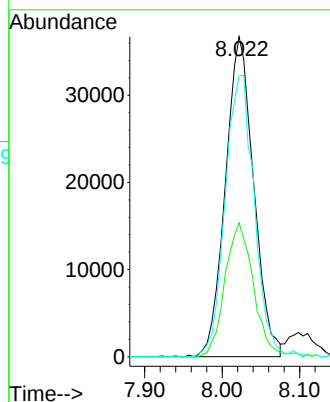
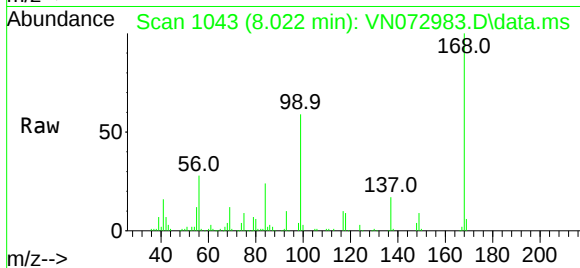




#31
Cyclohexane
Concen: 16.045 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN072983.D
Acq: 21 Jun 2022 15:06

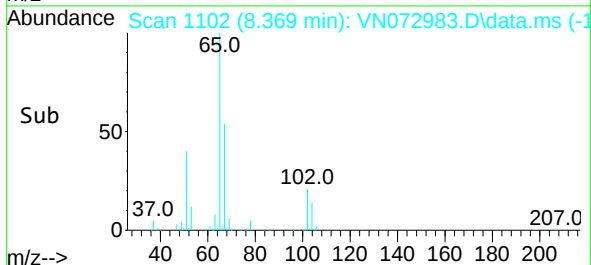
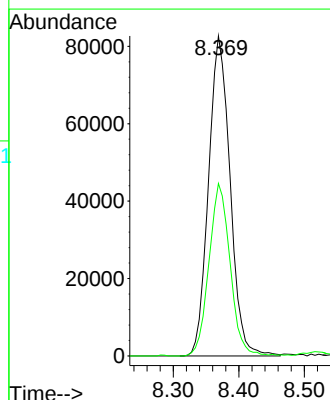
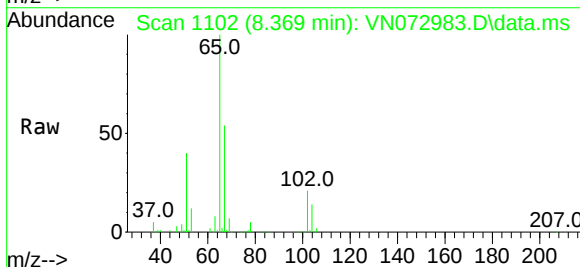
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-02

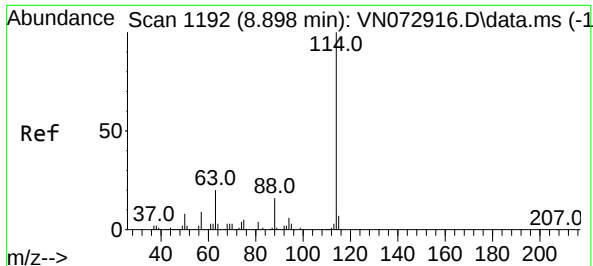
Tgt Ion: 56 Resp: 93051
Ion Ratio Lower Upper
56 100
69 41.8 27.8 41.8#
84 87.8 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 44.066 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN072983.D
Acq: 21 Jun 2022 15:06

Tgt Ion: 65 Resp: 188920
Ion Ratio Lower Upper
65 100
67 53.0 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: VN072983.D

Acq: 21 Jun 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-02

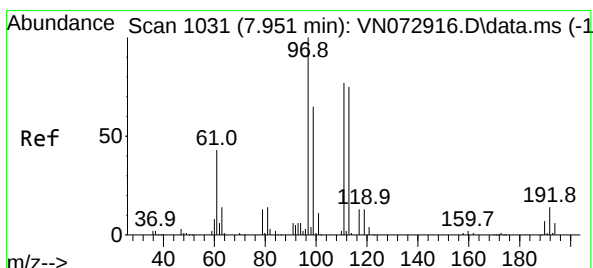
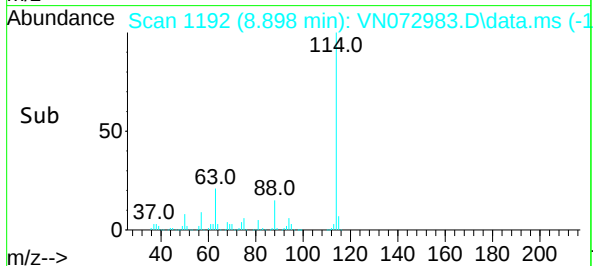
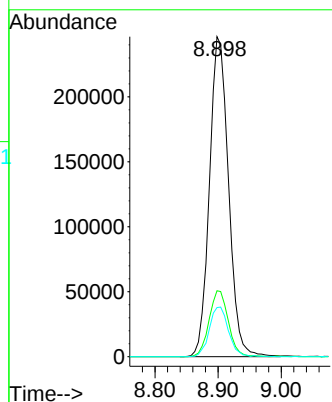
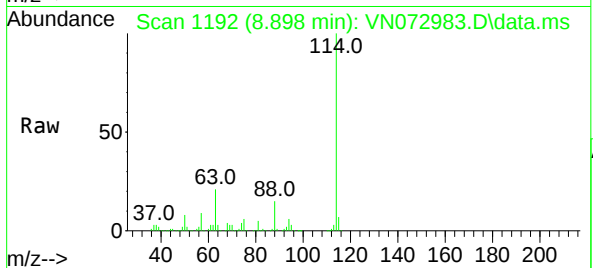
Tgt Ion:114 Resp: 516883

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.390 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN072983.D

Acq: 21 Jun 2022 15:06

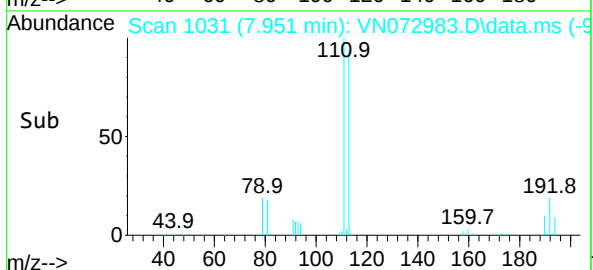
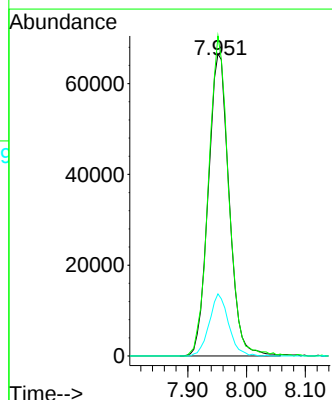
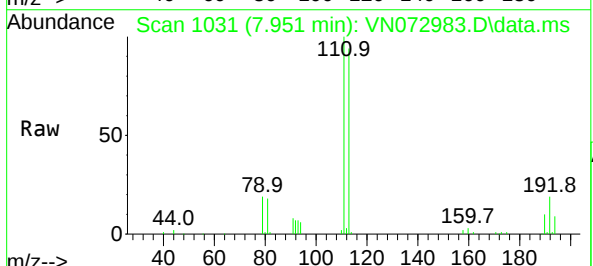
Tgt Ion:113 Resp: 164180

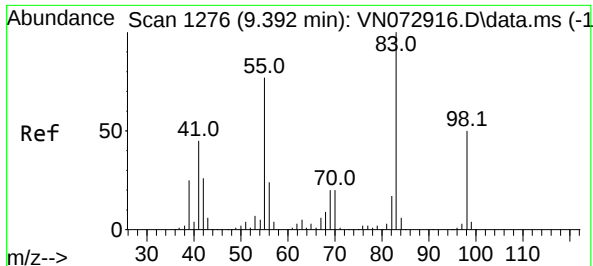
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 19.0 17.0 25.6





#39

Methylcyclohexane

Concen: 4.671 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN072983.D

Acq: 21 Jun 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-02

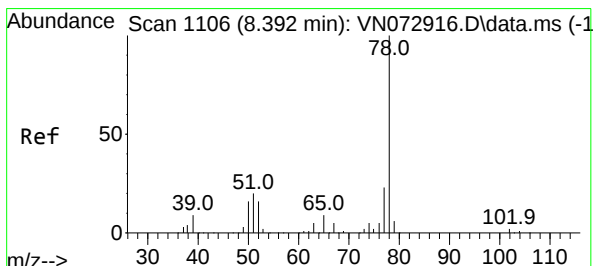
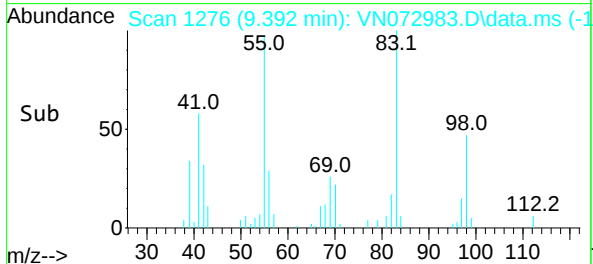
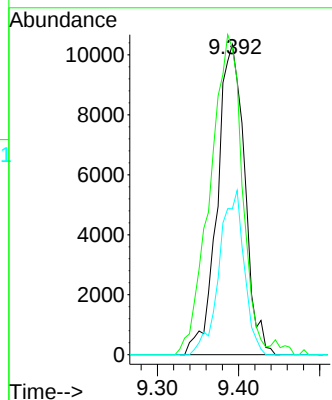
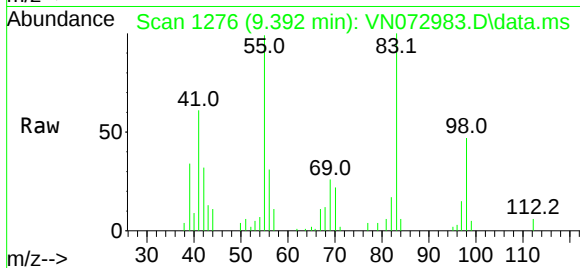
Tgt Ion: 83 Resp: 24341

Ion Ratio Lower Upper

83 100

55 96.9 57.8 86.8#

98 47.1 39.4 59.2



#40

Benzene

Concen: 1.807 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN072983.D

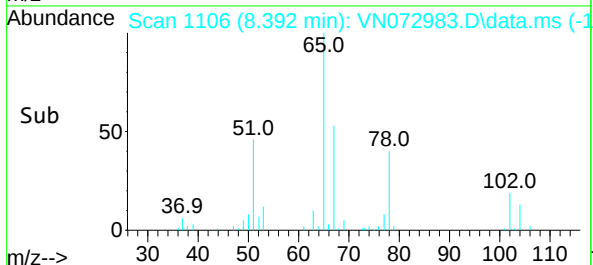
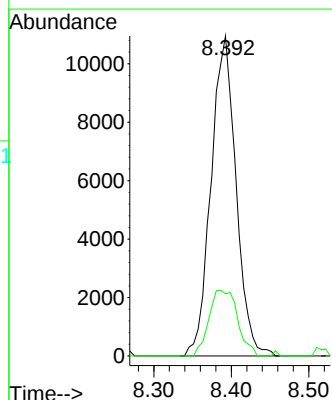
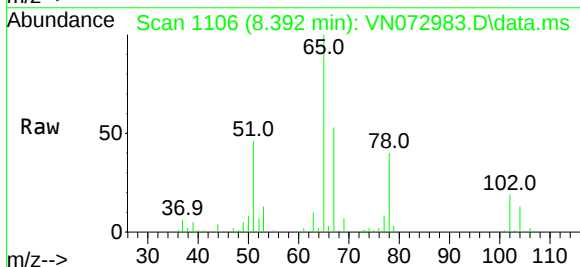
Acq: 21 Jun 2022 15:06

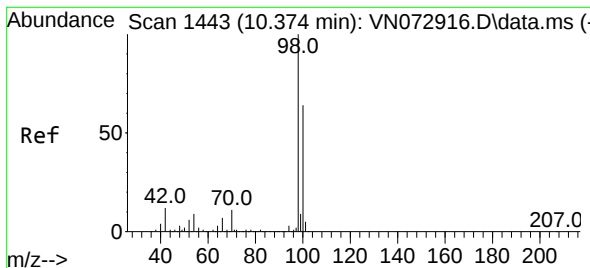
Tgt Ion: 78 Resp: 24547

Ion Ratio Lower Upper

78 100

77 19.4 19.4 29.0





#50

Toluene-d8

Concen: 45.176 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN072983.D

Acq: 21 Jun 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

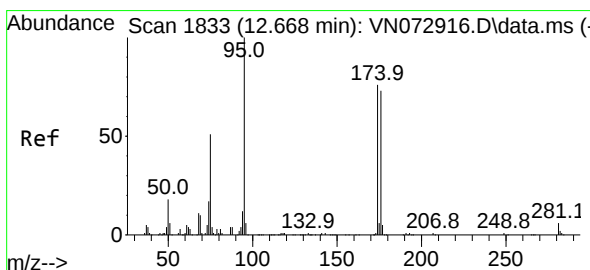
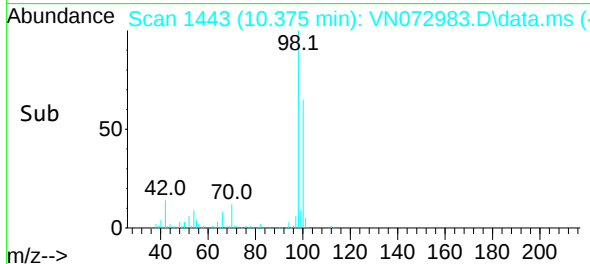
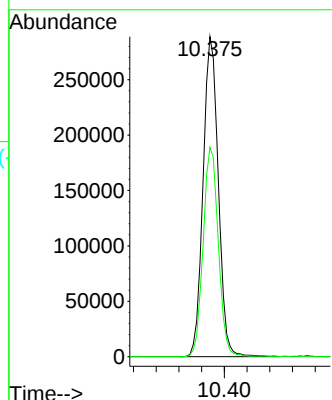
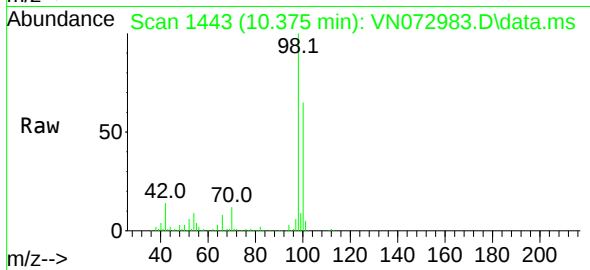
TOLL-MW-02

Tgt Ion: 98 Resp: 537055

Ion Ratio Lower Upper

98 100

100 65.3 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 54.311 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. 0.000 min

Lab File: VN072983.D

Acq: 21 Jun 2022 15:06

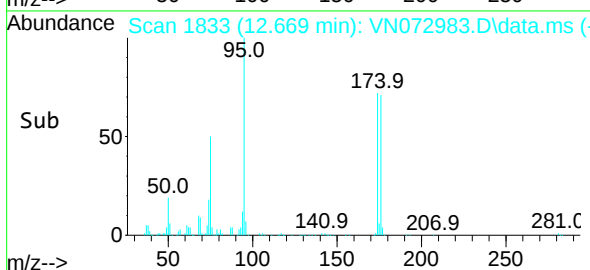
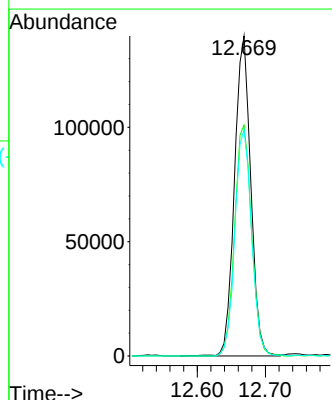
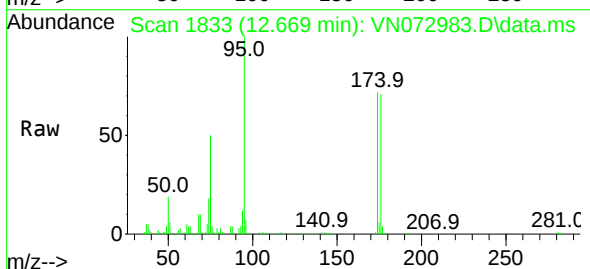
Tgt Ion: 95 Resp: 232166

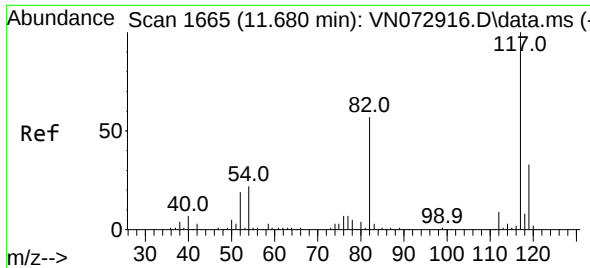
Ion Ratio Lower Upper

95 100

174 75.1 0.0 167.6

176 72.6 0.0 163.4

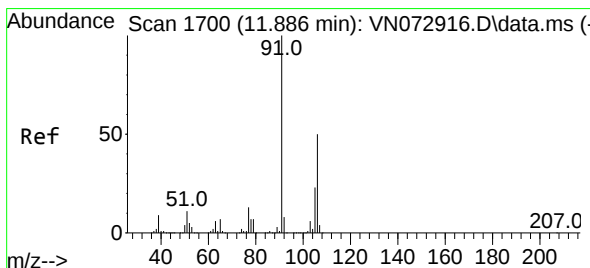
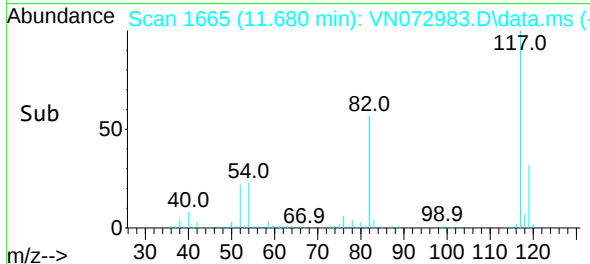
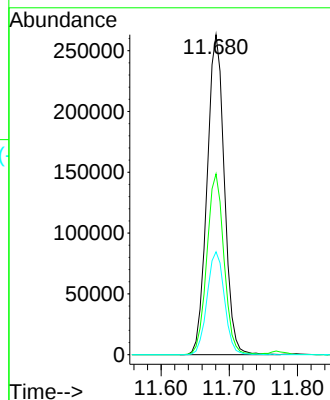
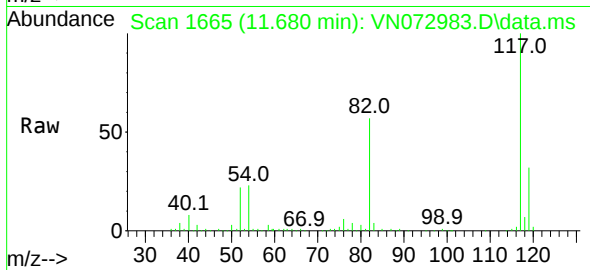




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072983.D
Acq: 21 Jun 2022 15:06

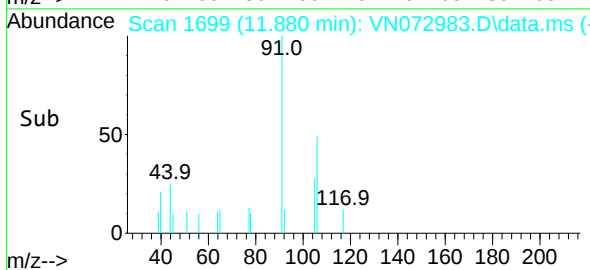
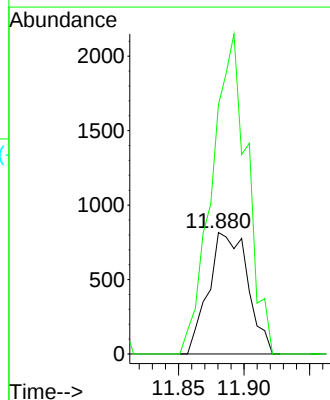
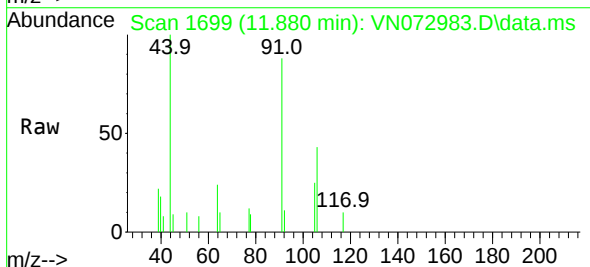
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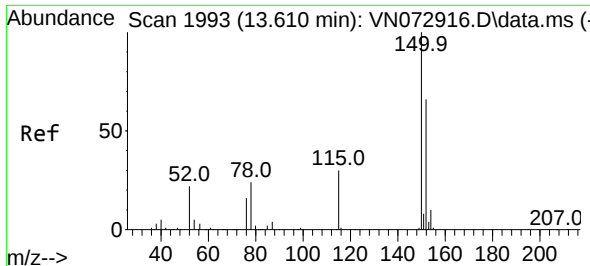
Tgt Ion:117 Resp: 464384
Ion Ratio Lower Upper
117 100
82 56.5 44.2 66.2
119 32.1 25.4 38.0



#68
m/p-Xylenes
Concen: 0.271 ug/l
RT: 11.880 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VN072983.D
Acq: 21 Jun 2022 15:06

Tgt Ion:106 Resp: 1695
Ion Ratio Lower Upper
106 100
91 238.5 158.9 238.3#

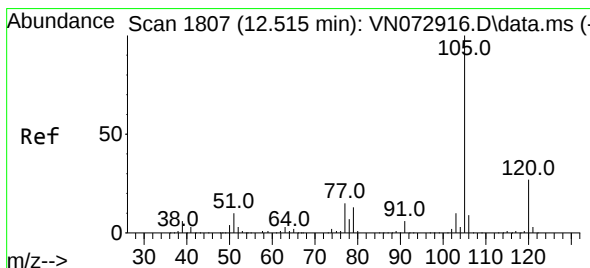
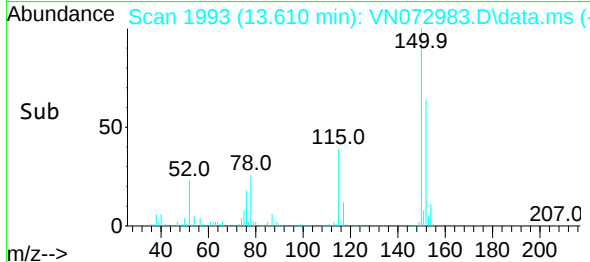
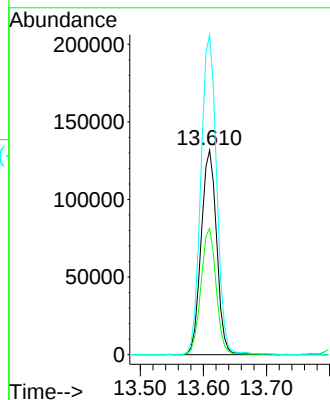
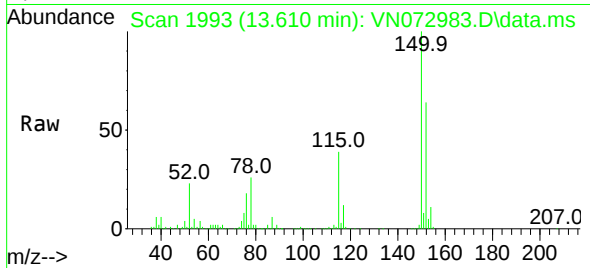




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. 0.000 min
 Lab File: VN072983.D
 Acq: 21 Jun 2022 15:06

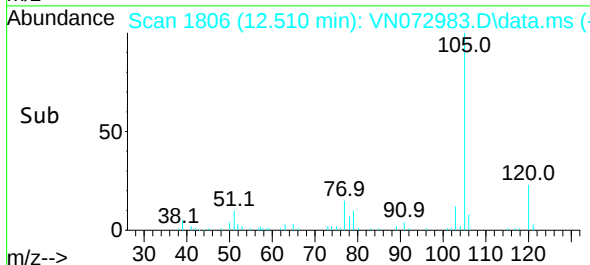
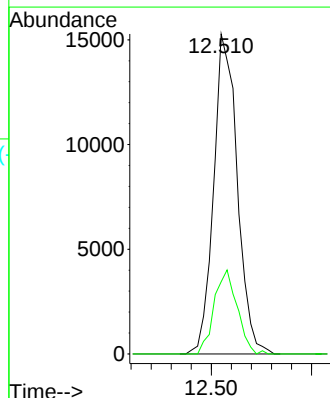
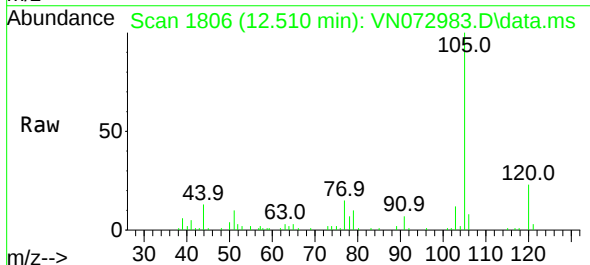
Instrument :
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 ClientSampleId :
 TOLL-MW-02

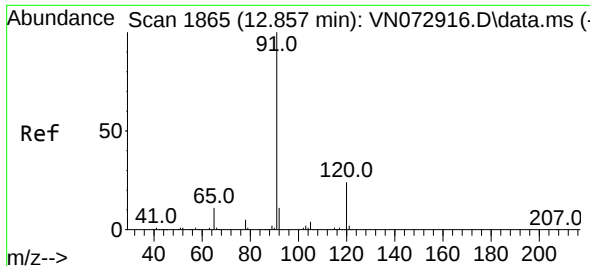
Tgt Ion:152 Resp: 225657
 Ion Ratio Lower Upper
 152 100
 115 60.6 28.9 86.7
 150 158.6 0.0 356.2



#73
 Isopropylbenzene
 Concen: 1.430 ug/l
 RT: 12.510 min Scan# 1806
 Delta R.T. -0.006 min
 Lab File: VN072983.D
 Acq: 21 Jun 2022 15:06

Tgt Ion:105 Resp: 24967
 Ion Ratio Lower Upper
 105 100
 120 25.6 13.5 40.4

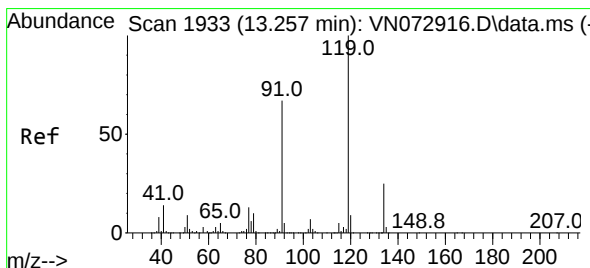
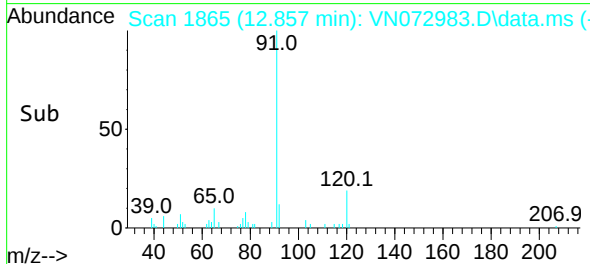
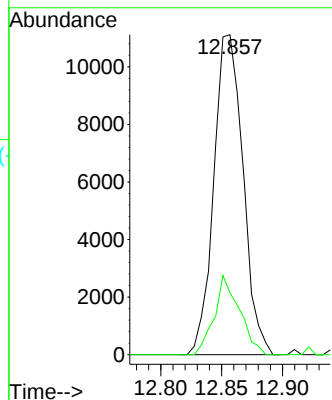
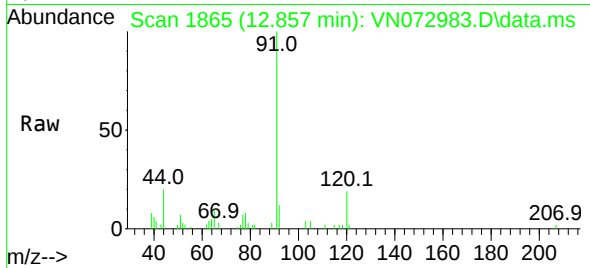




#78
n-propylbenzene
Concen: 0.967 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN072983.D
Acq: 21 Jun 2022 15:06

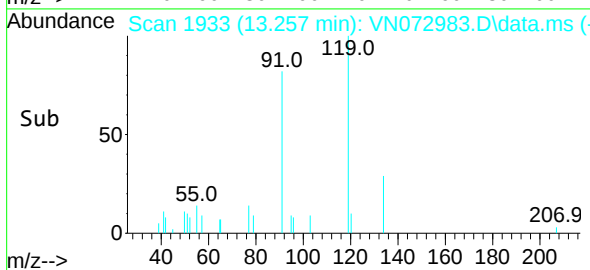
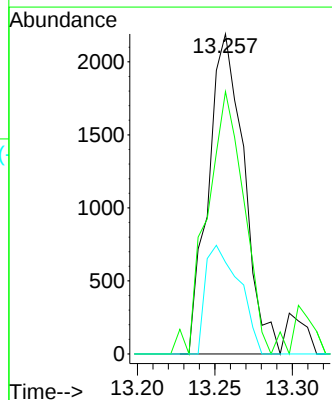
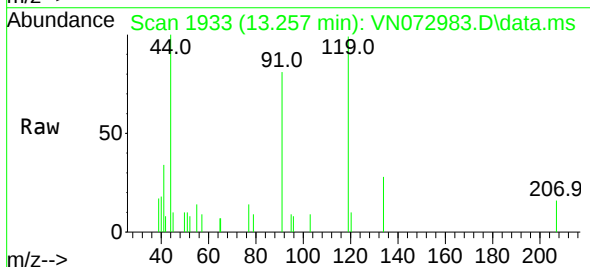
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-02

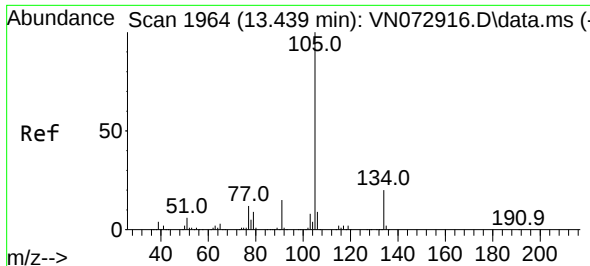
Tgt Ion: 91 Resp: 18561
Ion Ratio Lower Upper
91 100
120 21.3 11.9 35.5



#83
tert-Butylbenzene
Concen: 0.267 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN072983.D
Acq: 21 Jun 2022 15:06

Tgt Ion: 119 Resp: 3500
Ion Ratio Lower Upper
119 100
91 84.6 31.6 94.8
134 32.3 13.7 41.1

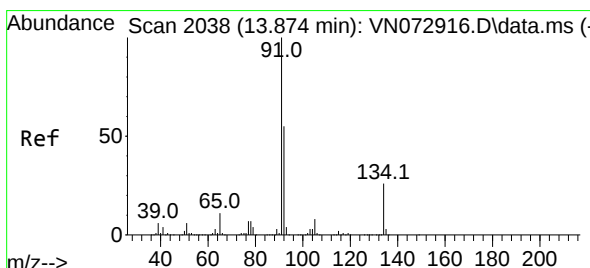
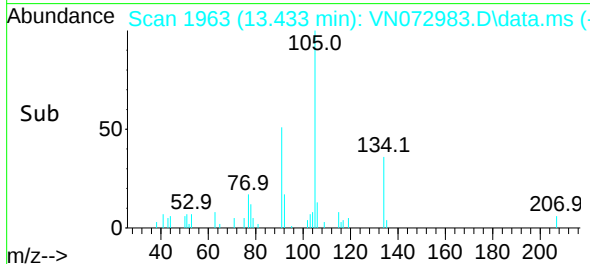
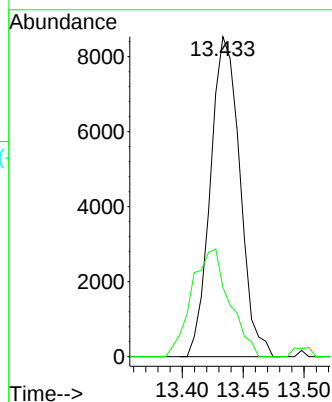
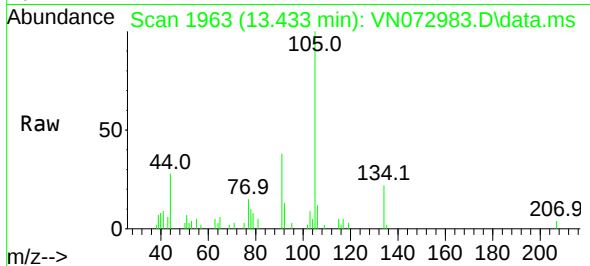




#85
 sec-Butylbenzene
 Concen: 0.818 ug/l
 RT: 13.433 min Scan# 1963
 Delta R.T. -0.006 min
 Lab File: VN072983.D
 Acq: 21 Jun 2022 15:06

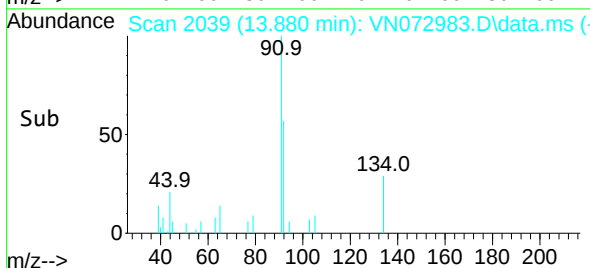
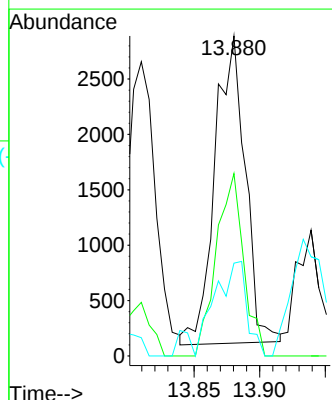
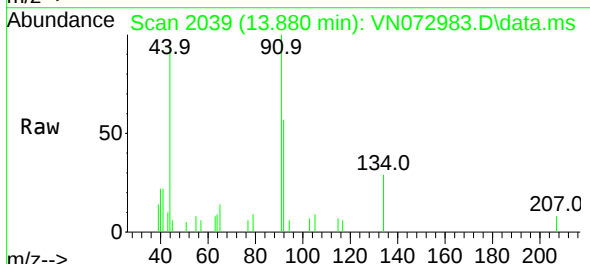
Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-02

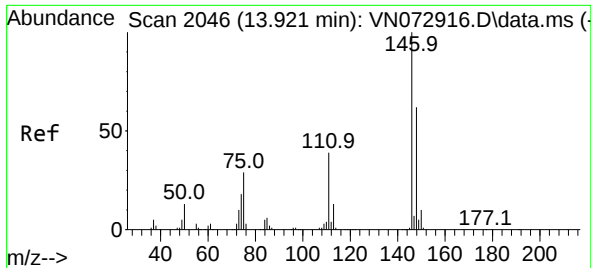
Tgt Ion:105 Resp: 14334
 Ion Ratio Lower Upper
 105 100
 134 43.1 10.4 31.1#



#89
 n-Butylbenzene
 Concen: 0.385 ug/l
 RT: 13.880 min Scan# 2039
 Delta R.T. 0.006 min
 Lab File: VN072983.D
 Acq: 21 Jun 2022 15:06

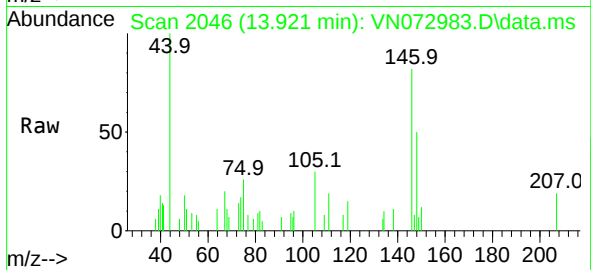
Tgt Ion: 91 Resp: 4456
 Ion Ratio Lower Upper
 91 100
 92 53.5 26.9 80.7
 134 35.9 13.6 40.8





#91
 1,2-Dichlorobenzene
 Concen: 0.472 ug/l
 RT: 13.921 min Scan# 2046
 Delta R.T. 0.000 min
 Lab File: VN072983.D
 Acq: 21 Jun 2022 15:06

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-02



Tgt Ion:	146	Resp:	3677
Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.9	62.8
148	66.0	32.1	96.3

