

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062022\
 Data File : VN072965.D
 Acq On : 20 Jun 2022 16:41
 Operator : JC\MD
 Sample : N3370-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-06

Quant Time: Jun 21 05:56:02 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)

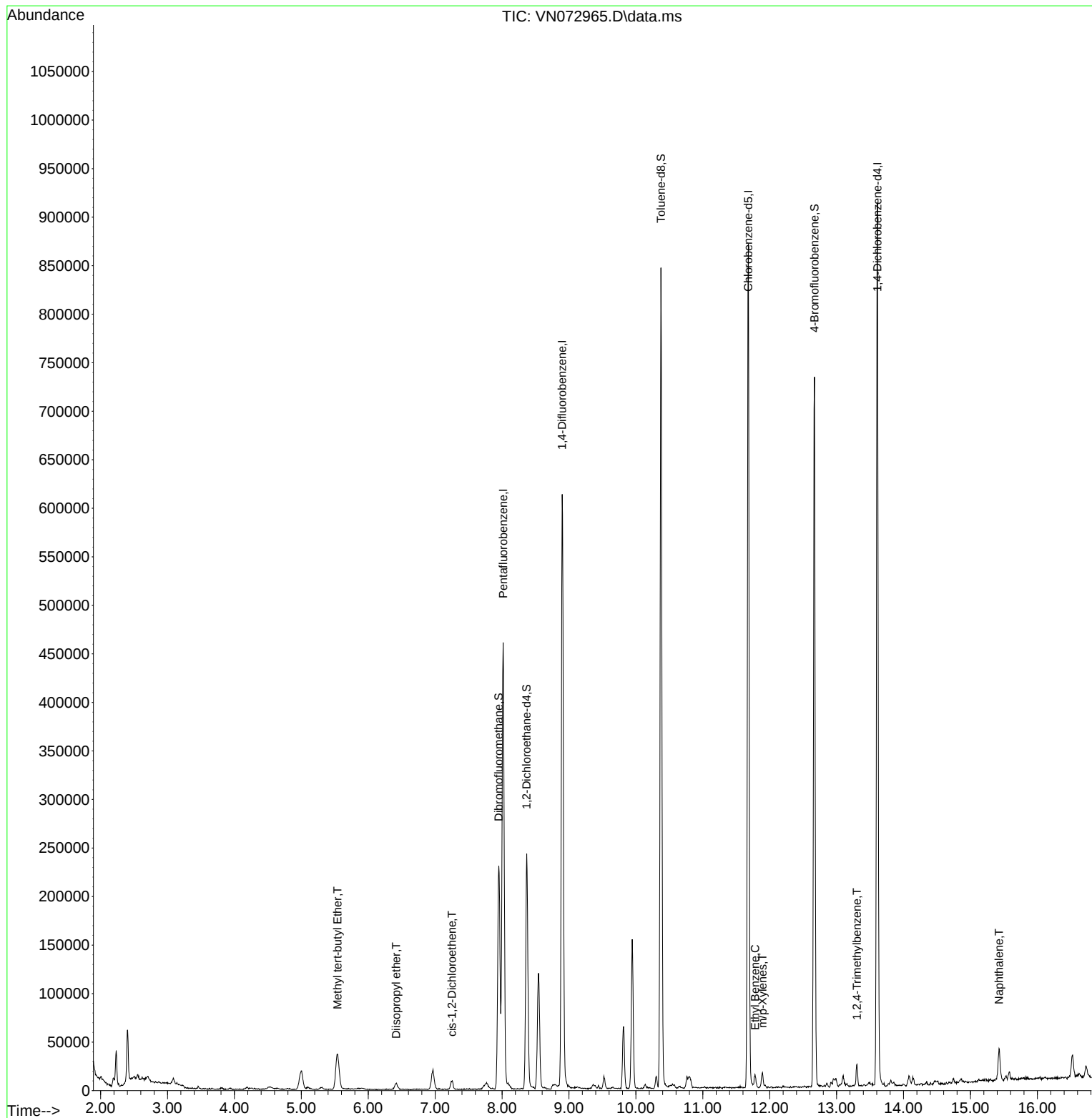
Internal Standards						
1) Pentafluorobenzene	8.016	168	356203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	558098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	500411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	254520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	202169	41.981	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.960%
35) Dibromofluoromethane	7.951	113	173412	50.271	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.540%
50) Toluene-d8	10.375	98	573108	44.649	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.300%
62) 4-Bromofluorobenzene	12.668	95	253700	54.966	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.940%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	5.540	73	62442	4.875	ug/l	98
22) Diisopropyl ether	6.416	45	8247	0.607	ug/l #	80
27) cis-1,2-Dichloroethene	7.251	96	4213	0.951	ug/l	94
67) Ethyl Benzene	11.780	91	9706	0.564	ug/l	94
68) m/p-Xylenes	11.892	106	4946	0.733	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	14815	0.920	ug/l	91
95) Naphthalene	15.427	128	33555	1.707	ug/l	98

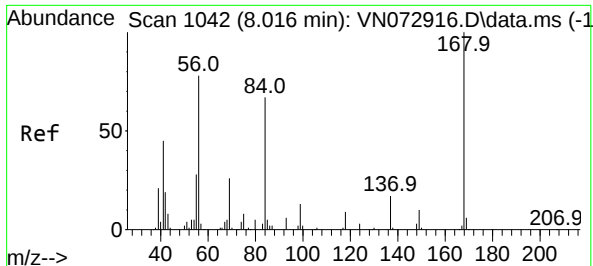
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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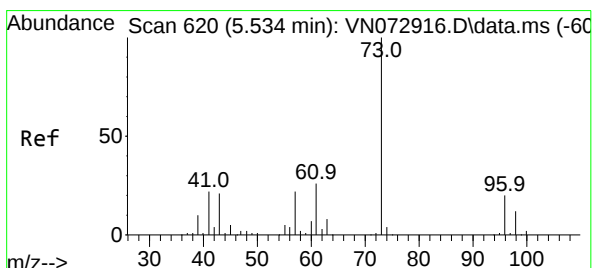
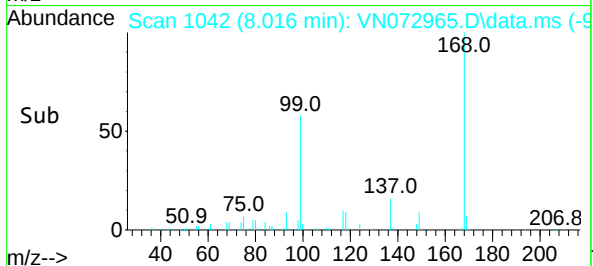
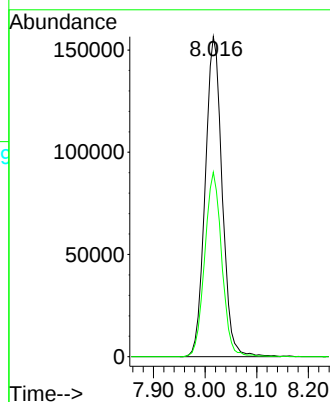
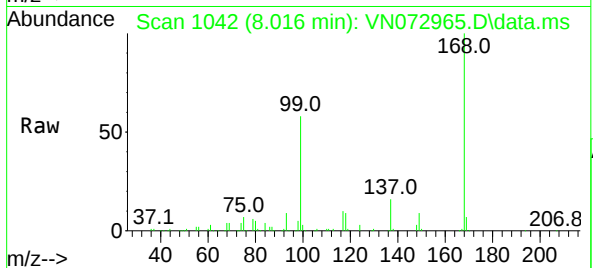




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072965.D
Acq: 20 Jun 2022 16:41

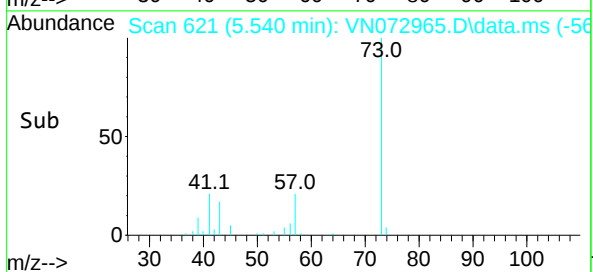
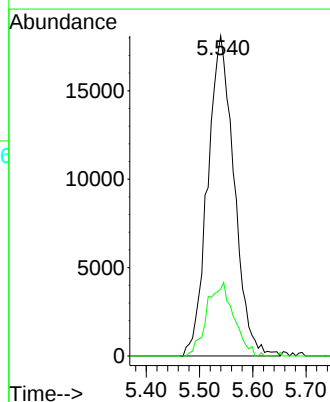
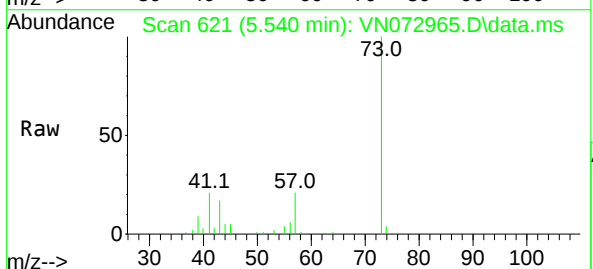
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-06

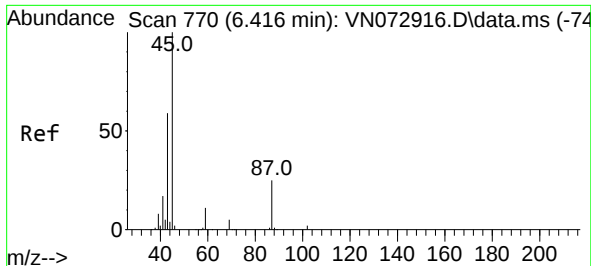
Tgt Ion:168 Resp: 356203
Ion Ratio Lower Upper
168 100
99 57.6 42.3 63.5



#19
Methyl tert-butyl Ether
Concen: 4.875 ug/l
RT: 5.540 min Scan# 621
Delta R.T. 0.006 min
Lab File: VN072965.D
Acq: 20 Jun 2022 16:41

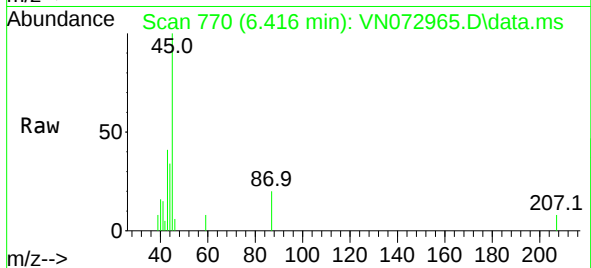
Tgt Ion: 73 Resp: 62442
Ion Ratio Lower Upper
73 100
57 21.0 17.6 26.4



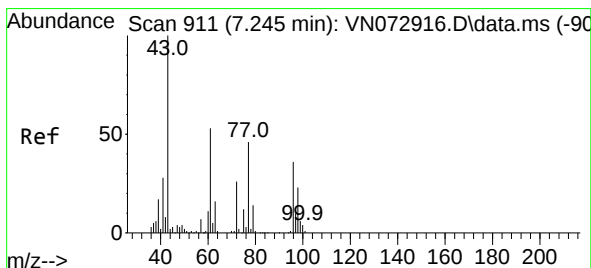
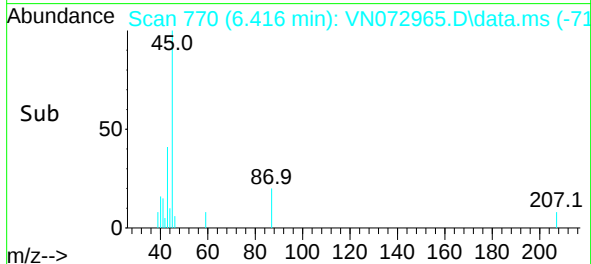
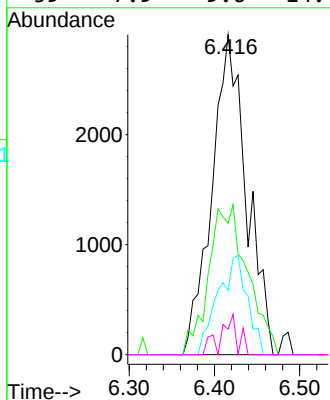


#22
Diisopropyl ether
Concen: 0.607 ug/l
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN072965.D
Acq: 20 Jun 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-06

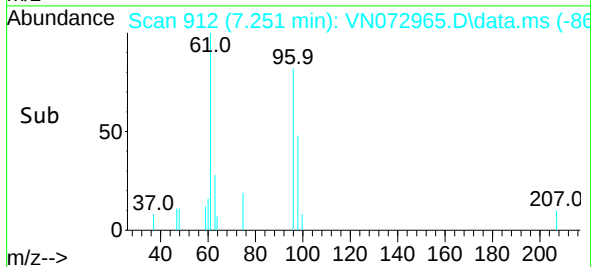
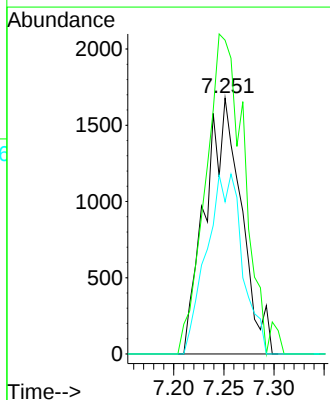
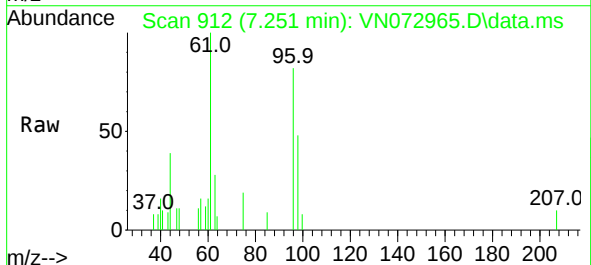


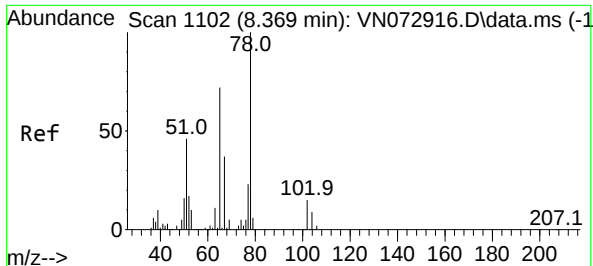
Tgt Ion:	45	Resp:	8247
Ion	Ratio	Lower	Upper
45	100		
43	41.1	46.6	70.0#
87	20.1	24.3	36.5#
59	7.9	9.6	14.4#



#27
cis-1,2-Dichloroethene
Concen: 0.951 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN072965.D
Acq: 20 Jun 2022 16:41

Tgt Ion:	96	Resp:	4213
Ion	Ratio	Lower	Upper
96	100		
61	134.3	0.0	280.6
98	70.1	0.0	128.4





#33

1,2-Dichloroethane-d4

Concen: 41.981 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072965.D

Acq: 20 Jun 2022 16:41

Instrument :

MSVOA_N

ClientSampleId :

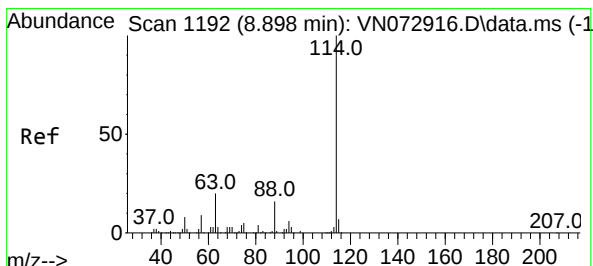
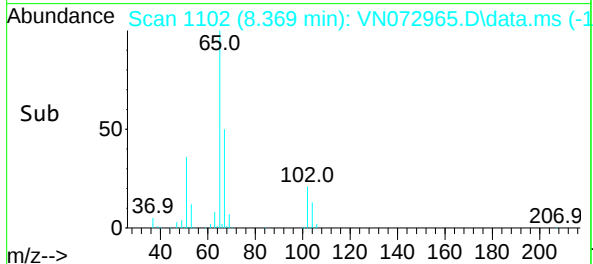
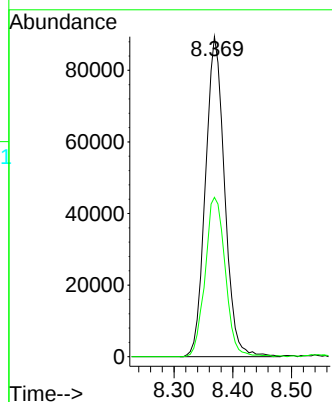
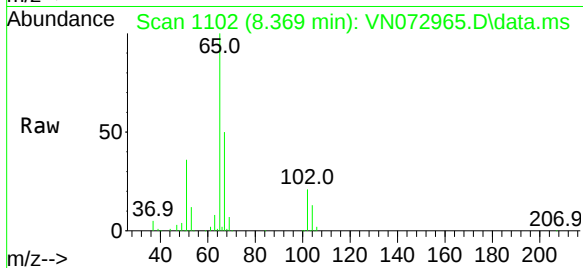
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Tgt Ion: 65 Resp: 202169

Ion Ratio Lower Upper

65 100

67 52.2 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: VN072965.D

Acq: 20 Jun 2022 16:41

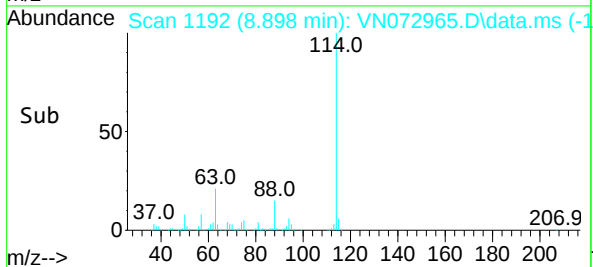
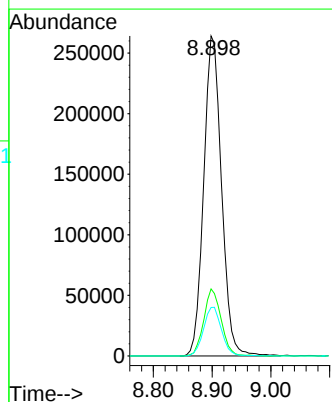
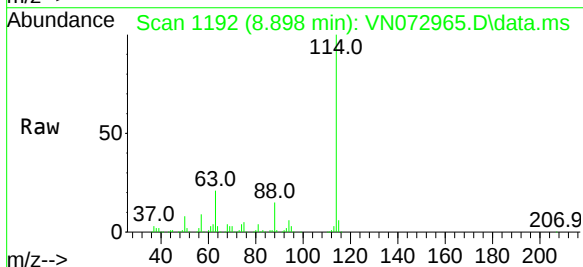
Tgt Ion: 114 Resp: 558098

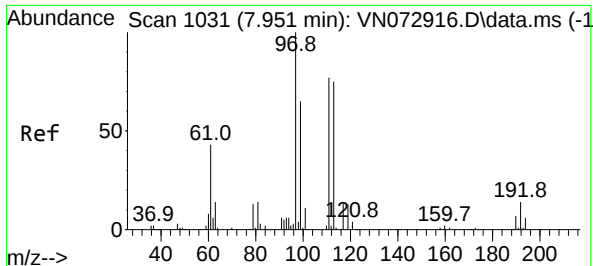
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.271 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN072965.D

Acq: 20 Jun 2022 16:41

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-06

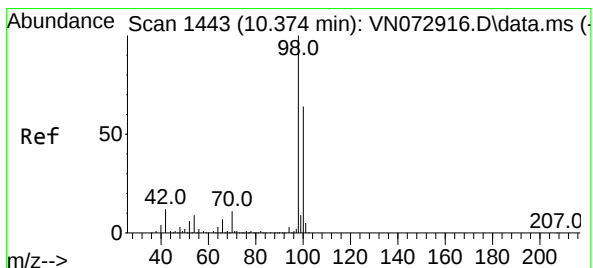
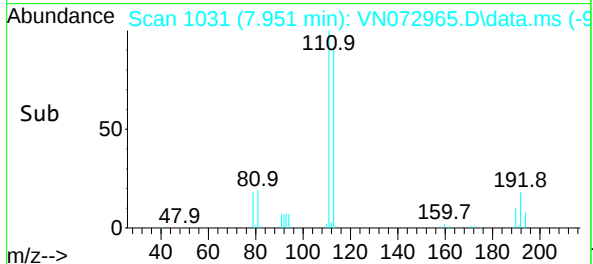
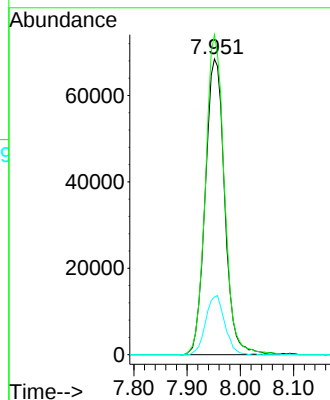
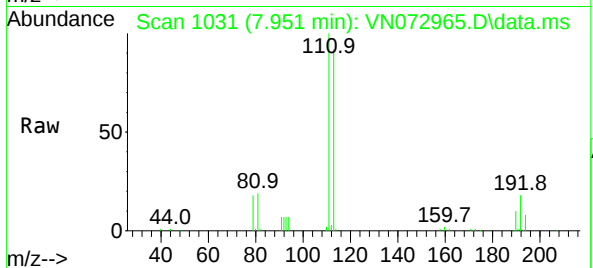
Tgt Ion:113 Resp: 173412

Ion Ratio Lower Upper

113 100

111 105.3 81.4 122.0

192 19.6 17.0 25.6



#50

Toluene-d8

Concen: 44.649 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN072965.D

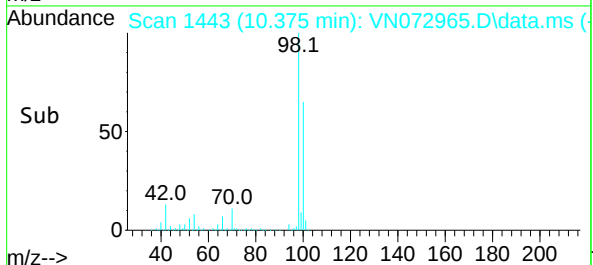
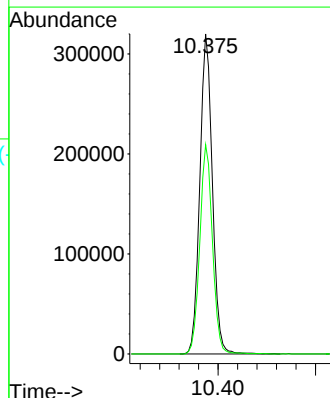
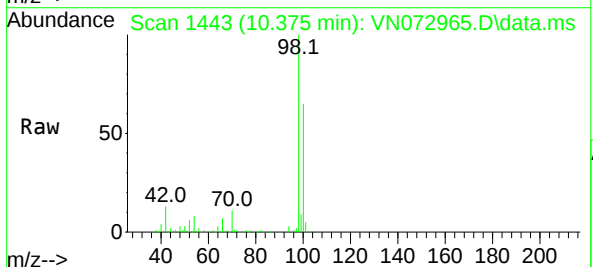
Acq: 20 Jun 2022 16:41

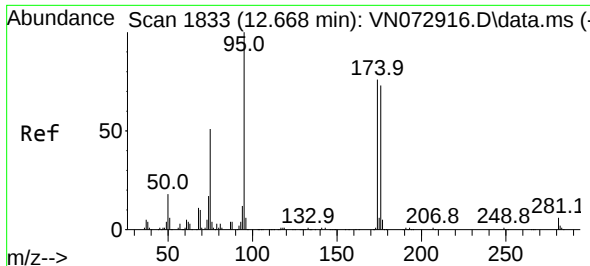
Tgt Ion: 98 Resp: 573108

Ion Ratio Lower Upper

98 100

100 66.0 52.6 78.8

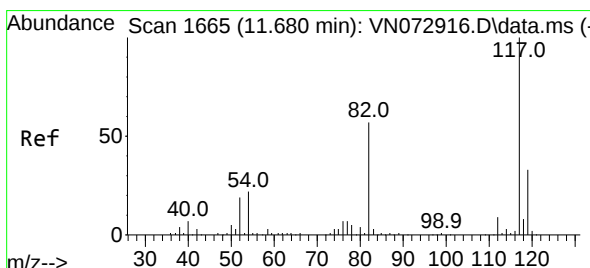
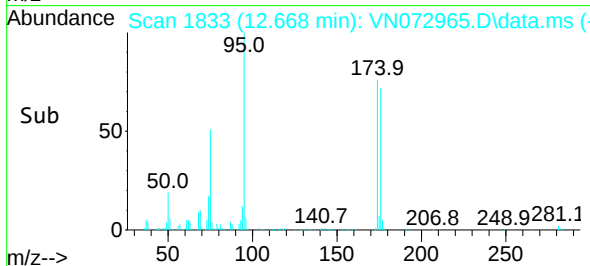
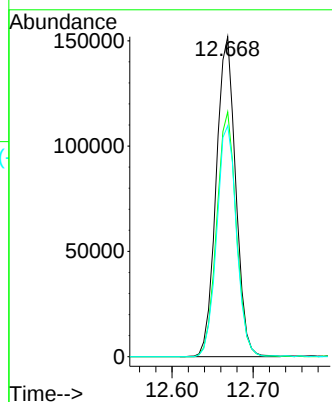
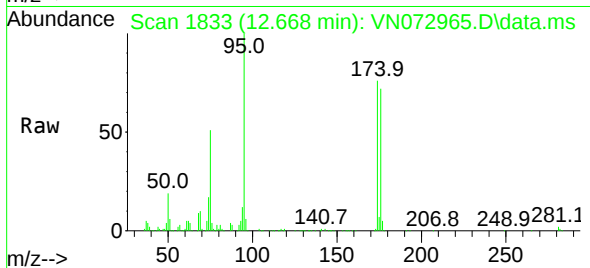




#62
4-Bromofluorobenzene
Concen: 54.966 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN072965.D
Acq: 20 Jun 2022 16:41

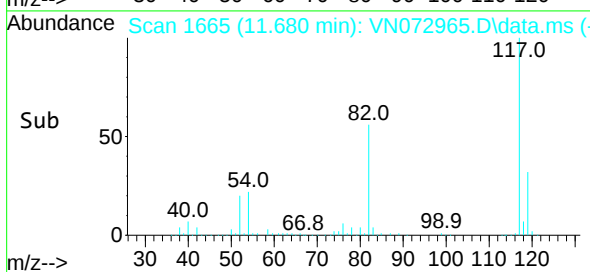
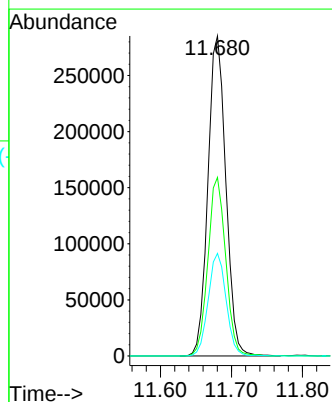
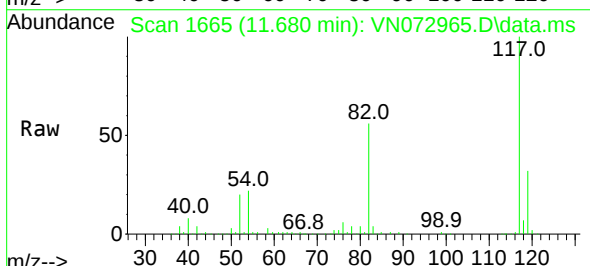
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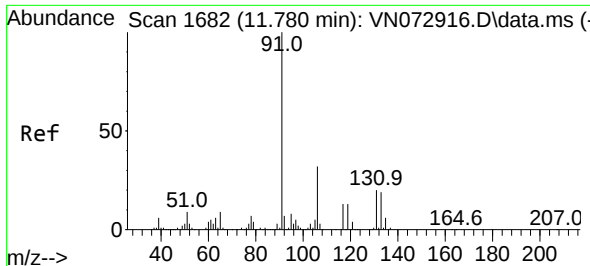
Tgt Ion: 95 Resp: 253700
Ion Ratio Lower Upper
95 100
174 76.6 0.0 167.6
176 72.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072965.D
Acq: 20 Jun 2022 16:41

Tgt Ion: 117 Resp: 500411
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 32.1 25.4 38.0

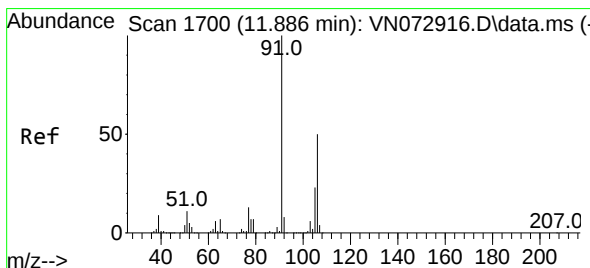
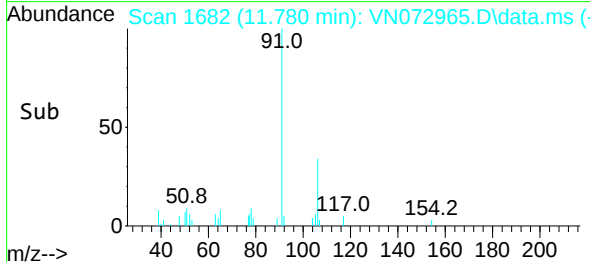
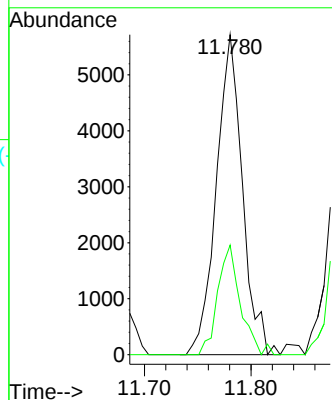
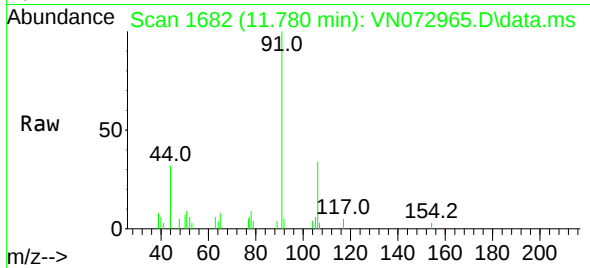




#67
Ethyl Benzene
Concen: 0.564 ug/l
RT: 11.780 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN072965.D
Acq: 20 Jun 2022 16:41

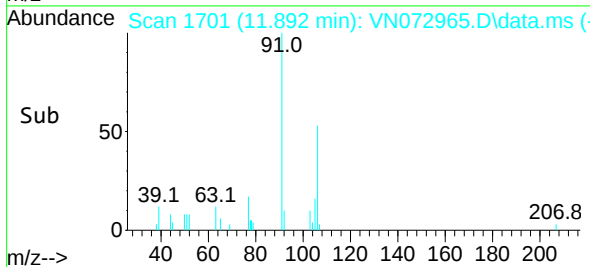
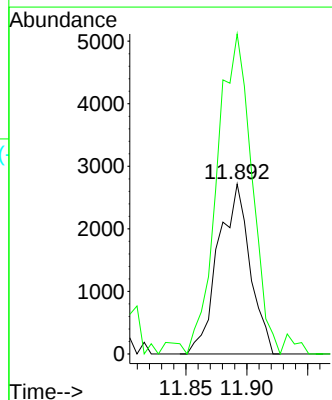
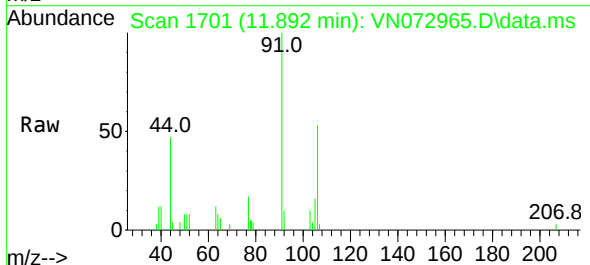
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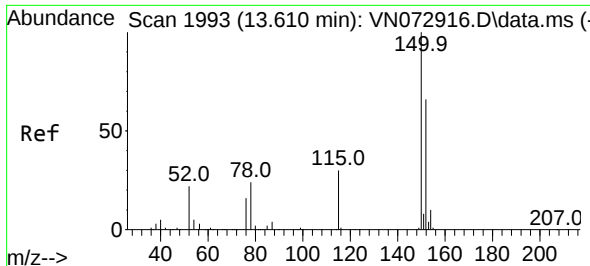
Tgt Ion: 91 Resp: 9706
Ion Ratio Lower Upper
91 100
106 34.3 24.9 37.3



#68
m/p-Xylenes
Concen: 0.733 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN072965.D
Acq: 20 Jun 2022 16:41

Tgt Ion: 106 Resp: 4946
Ion Ratio Lower Upper
106 100
91 204.3 158.9 238.3

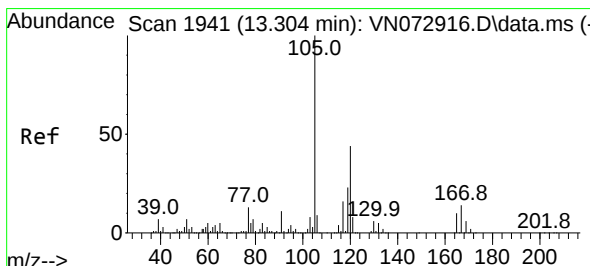
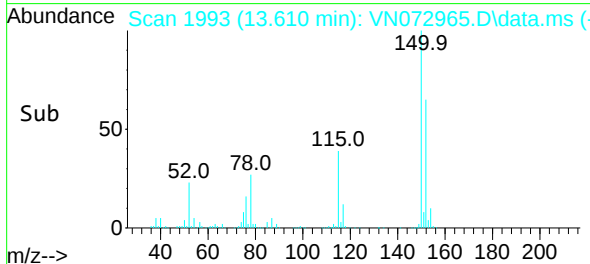
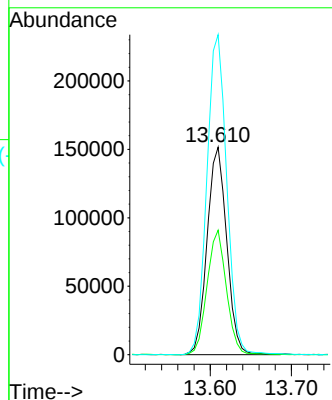
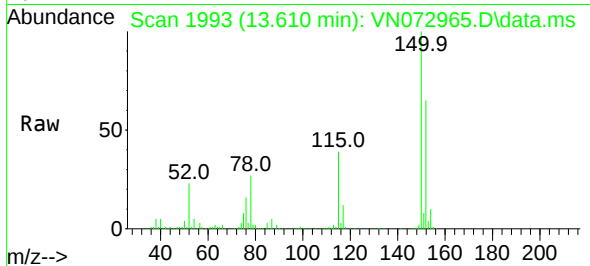




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. 0.000 min
 Lab File: VN072965.D
 Acq: 20 Jun 2022 16:41

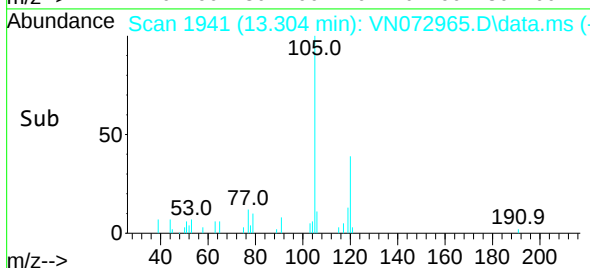
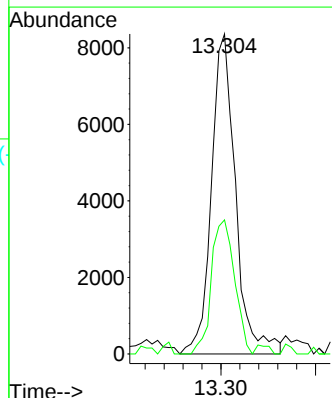
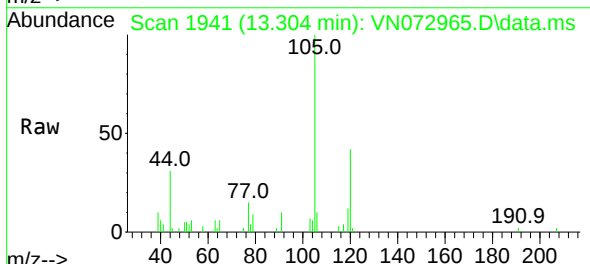
Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-06

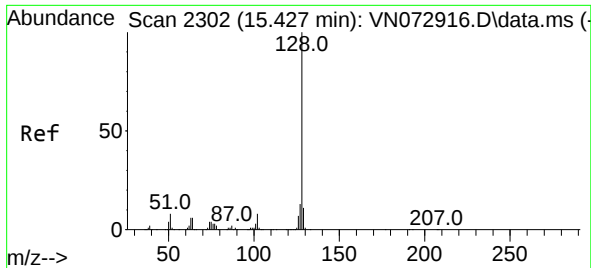
Tgt Ion:152 Resp: 254520
 Ion Ratio Lower Upper
 152 100
 115 59.1 28.9 86.7
 150 156.1 0.0 356.2



#84
 1,2,4-Trimethylbenzene
 Concen: 0.920 ug/l
 RT: 13.304 min Scan# 1941
 Delta R.T. 0.000 min
 Lab File: VN072965.D
 Acq: 20 Jun 2022 16:41

Tgt Ion:105 Resp: 14815
 Ion Ratio Lower Upper
 105 100
 120 40.3 23.3 69.8





#95
Naphthalene
Concen: 1.707 ug/l
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072965.D
Acq: 20 Jun 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-06

Tgt Ion:128 Resp: 33555
Ion Ratio Lower Upper
128 100
127 12.0 10.3 15.5
129 11.5 8.6 13.0

