

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN072992.D
 Acq On : 21 Jun 2022 18:45
 Operator : JC\MD
 Sample : N3381-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Jun 22 07:02:34 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)

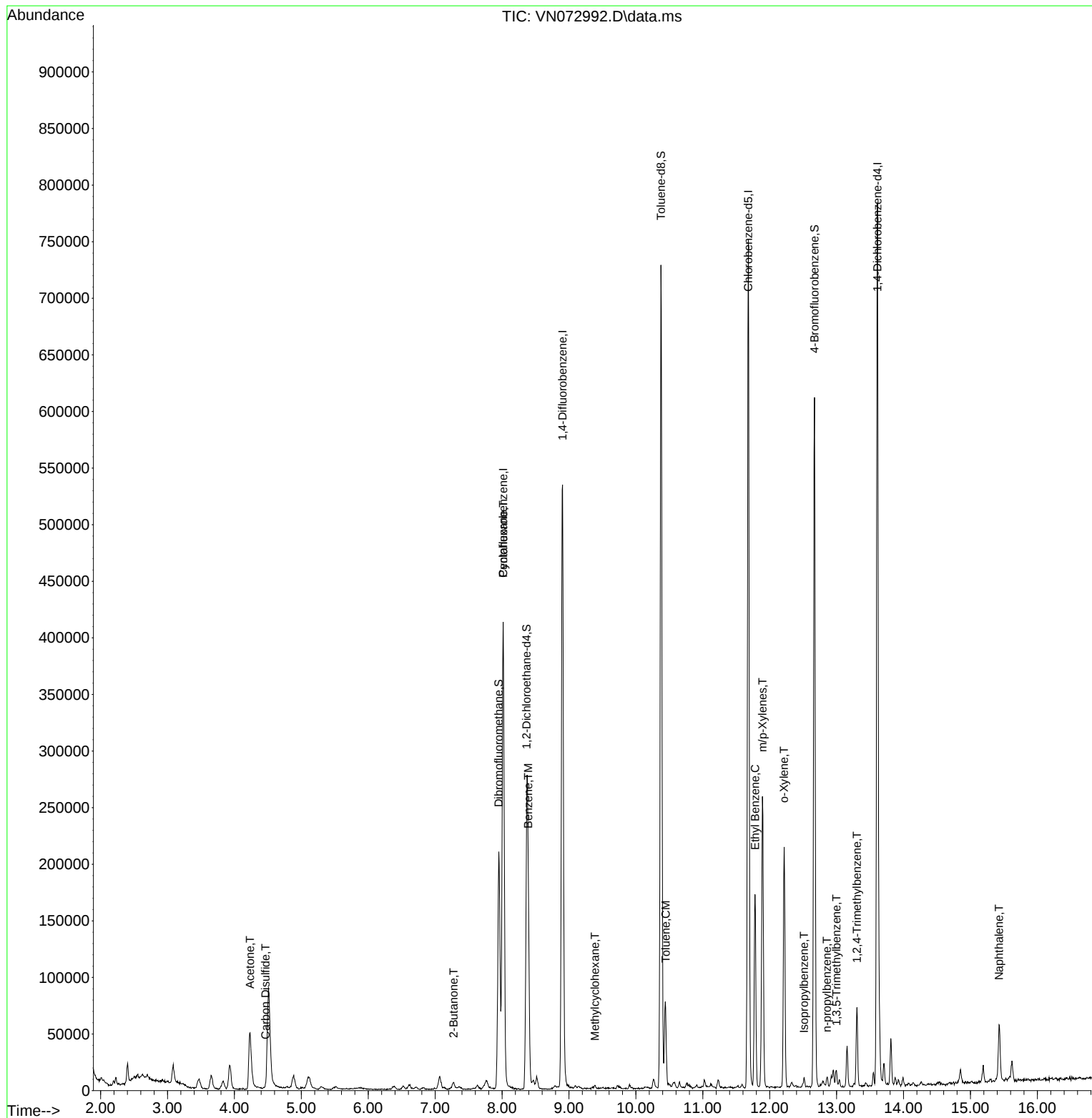
Internal Standards						
1) Pentafluorobenzene	8.016	168	302409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	483852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	428209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	208453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	180473	44.142	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.280%
35) Dibromofluoromethane	7.951	113	153741	51.407	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.820%
50) Toluene-d8	10.375	98	498522	44.798	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.600%
62) 4-Bromofluorobenzene	12.669	95	213292	53.302	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.600%
Target Compounds						
					Qvalue	
16) Acetone	4.234	43	95612	42.543	ug/l	93
17) Carbon Disulfide	4.463	76	3735	0.503	ug/l #	87
25) 2-Butanone	7.275	43	9967	2.795	ug/l	94
31) Cyclohexane	8.016	56	10613	1.919	ug/l #	51
39) Methylcyclohexane	9.386	83	1059	0.217	ug/l	94
40) Benzene	8.392	78	125120	9.838	ug/l	100
52) Toluene	10.445	92	32159	4.119	ug/l	99
67) Ethyl Benzene	11.780	91	124470	8.455	ug/l	98
68) m/p-Xylenes	11.892	106	79981	13.852	ug/l	98
69) o-Xylene	12.216	106	56664	9.821	ug/l	94
73) Isopropylbenzene	12.516	105	4469	0.277	ug/l	99
78) n-propylbenzene	12.857	91	6576	0.371	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	6515	0.492	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	37979	2.879	ug/l	100
95) Naphthalene	15.427	128	50734	3.151	ug/l	99

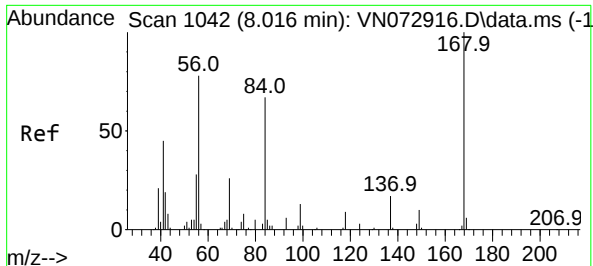
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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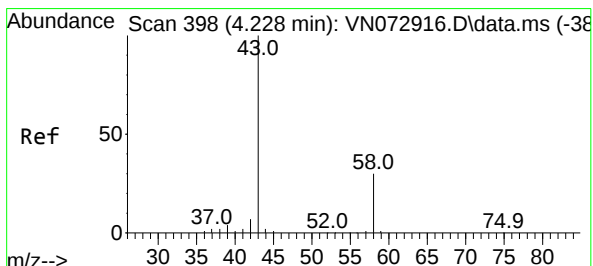
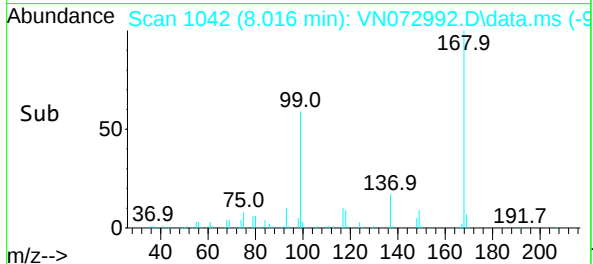
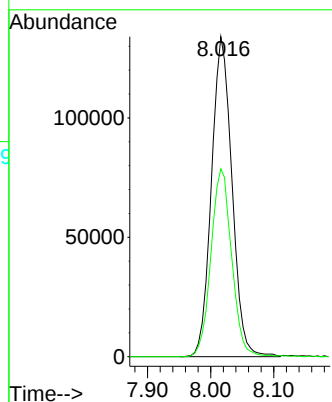
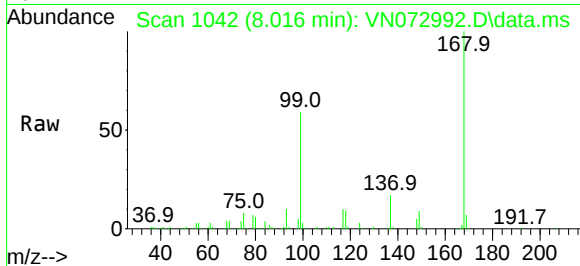




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

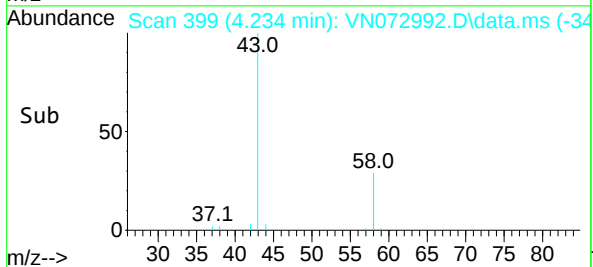
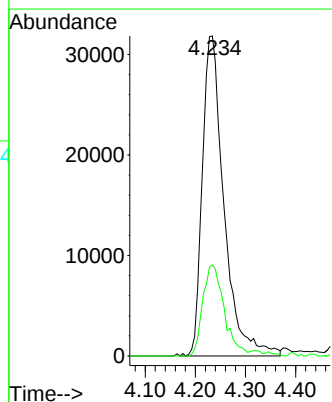
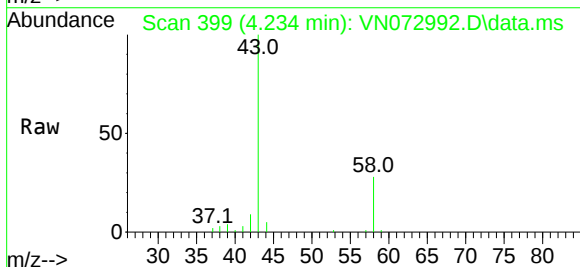
Instrument :
MSVOA_N
ClientSampleId :
MW-3

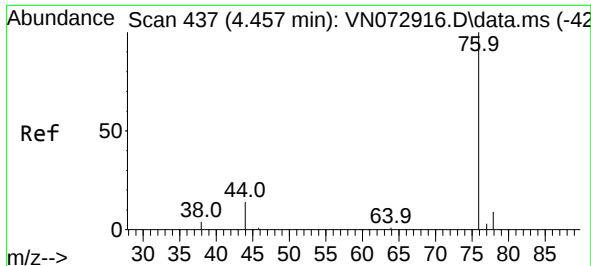
Tgt Ion:168 Resp: 302409
Ion Ratio Lower Upper
168 100
99 58.7 42.3 63.5



#16
Acetone
Concen: 42.543 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

Tgt Ion: 43 Resp: 95612
Ion Ratio Lower Upper
43 100
58 28.5 26.0 39.0

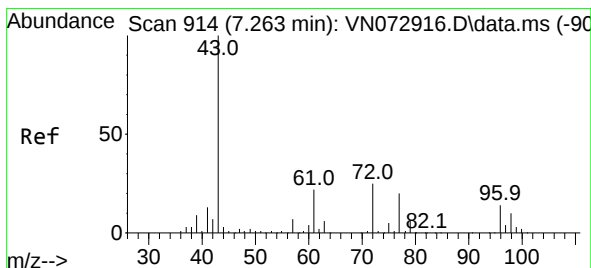
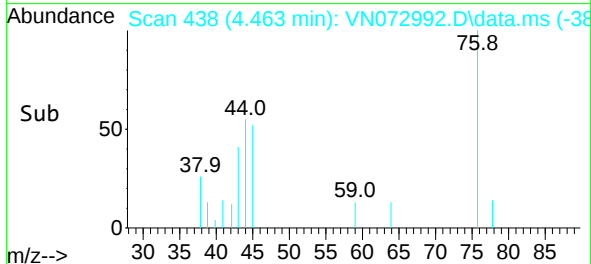
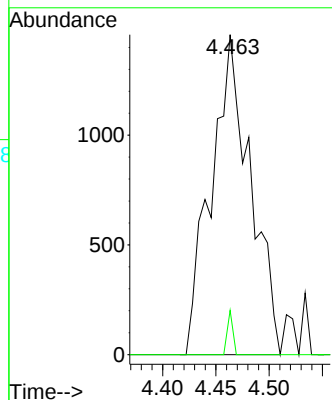
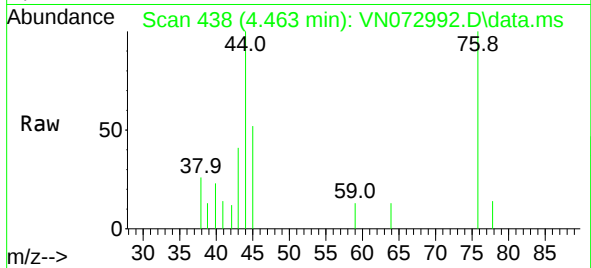




#17
Carbon Disulfide
Concen: 0.503 ug/l
RT: 4.463 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

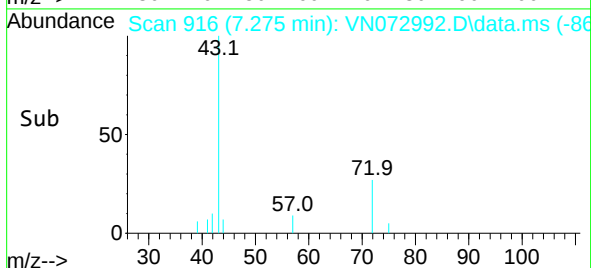
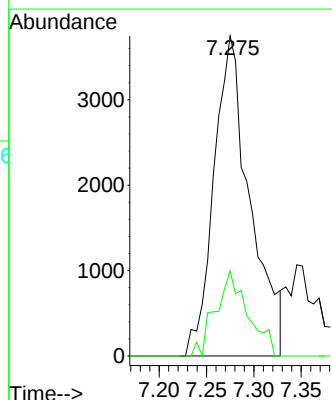
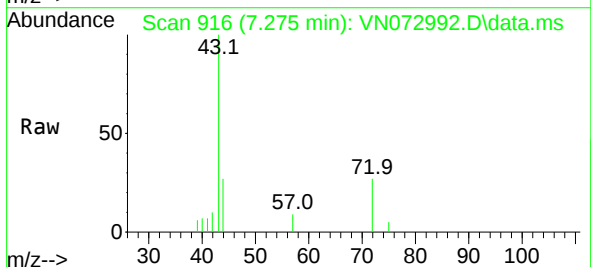
Instrument :
MSVOA_N
ClientSampleId :
MW-3

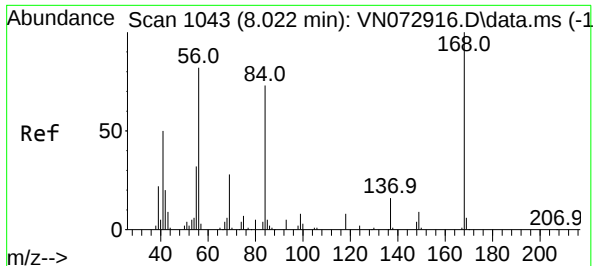
Tgt Ion: 76 Resp: 3735
Ion Ratio Lower Upper
76 100
78 13.9 7.2 10.8#



#25
2-Butanone
Concen: 2.795 ug/l
RT: 7.275 min Scan# 916
Delta R.T. 0.012 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

Tgt Ion: 43 Resp: 9967
Ion Ratio Lower Upper
43 100
72 26.6 23.7 35.5

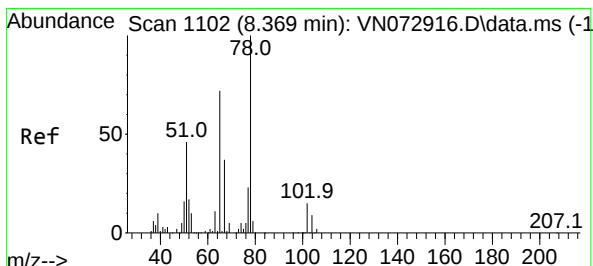
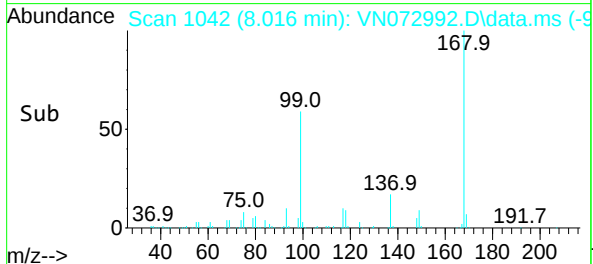
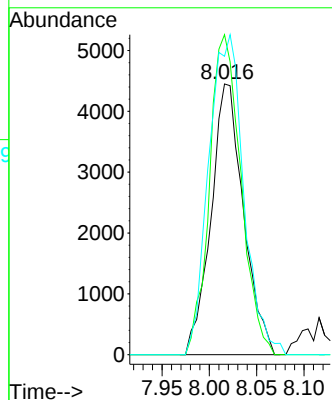
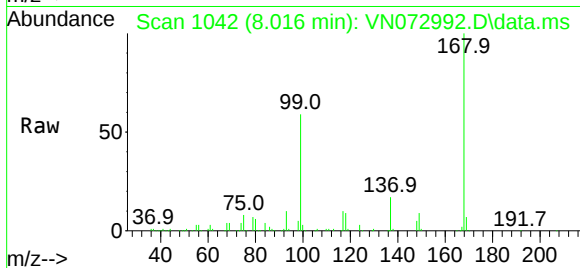




#31
Cyclohexane
Concen: 1.919 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

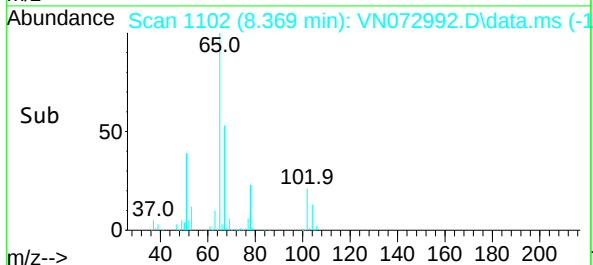
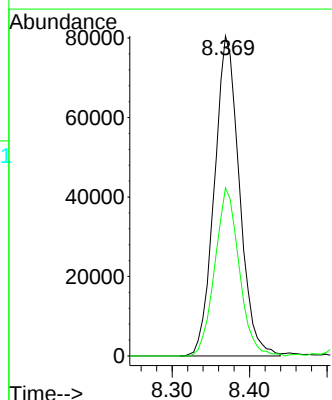
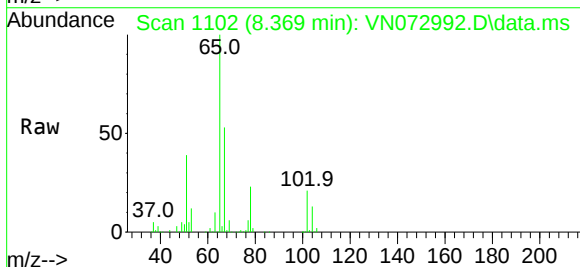
Instrument :
MSVOA_N
ClientSampleId :
MW-3

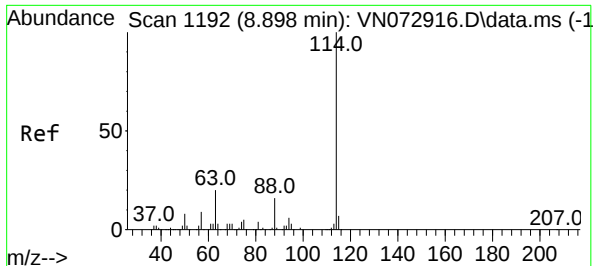
Tgt Ion: 56 Resp: 10613
Ion Ratio Lower Upper
56 100
69 118.2 27.8 41.8#
84 110.2 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 44.142 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

Tgt Ion: 65 Resp: 180473
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN072992.D

Acq: 21 Jun 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

MW-3

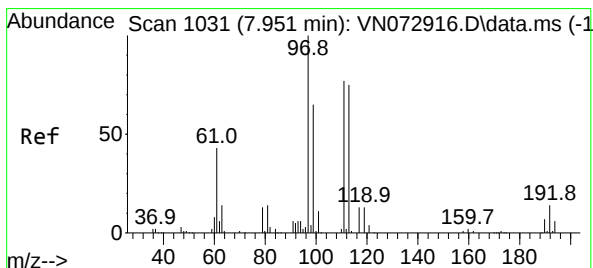
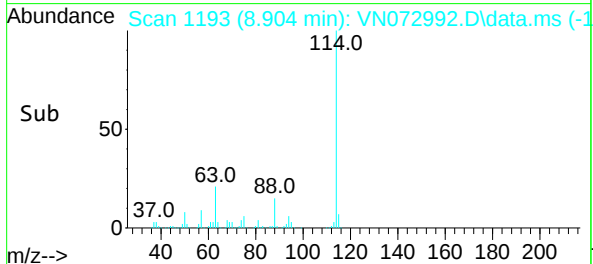
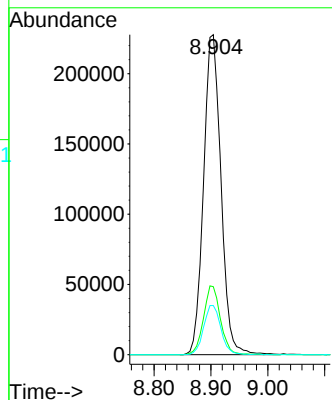
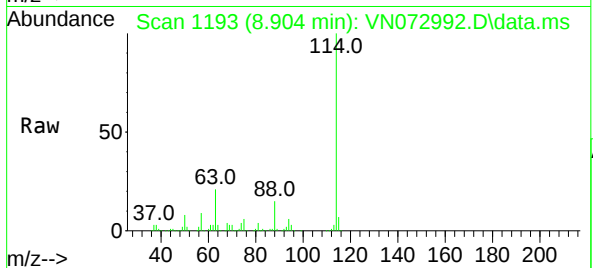
Tgt Ion:114 Resp: 483852

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.407 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN072992.D

Acq: 21 Jun 2022 18:45

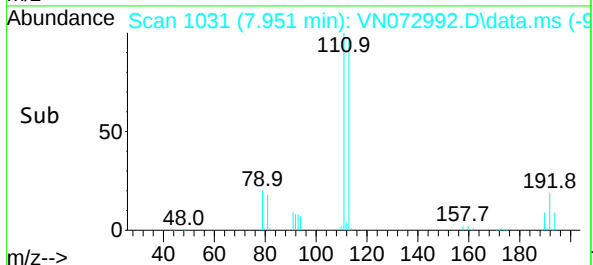
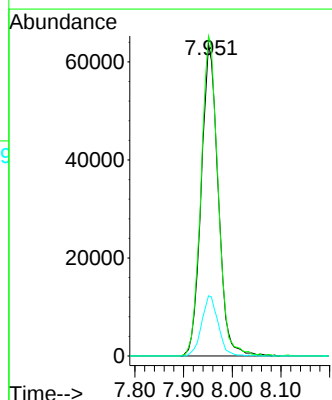
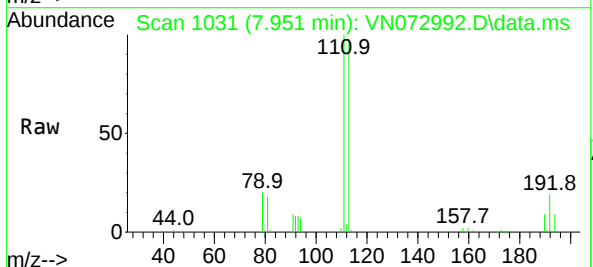
Tgt Ion:113 Resp: 153741

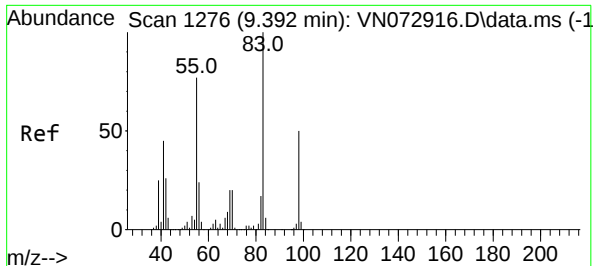
Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 18.7 17.0 25.6





#39

Methylcyclohexane

Concen: 0.217 ug/l

RT: 9.386 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VN072992.D

Acq: 21 Jun 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

MW-3

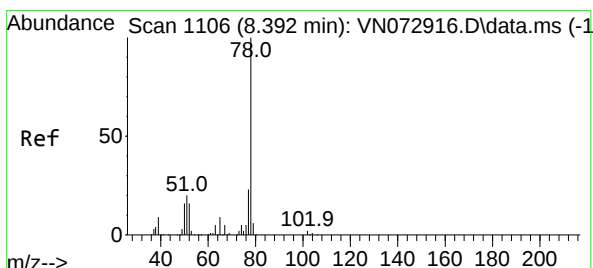
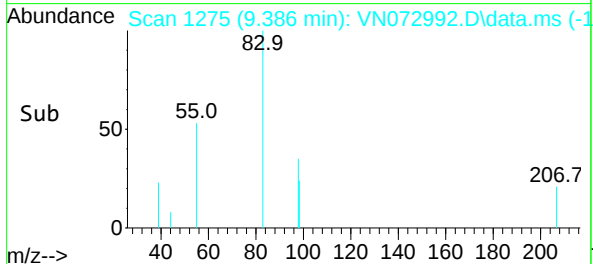
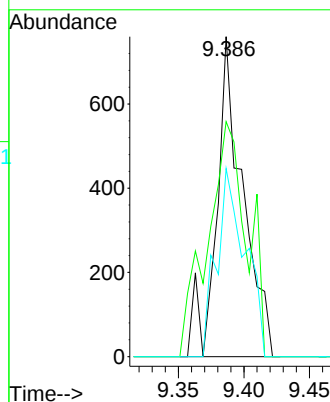
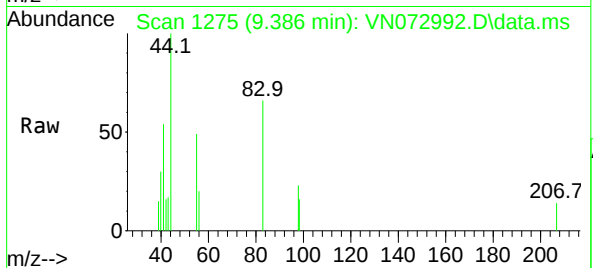
Tgt Ion: 83 Resp: 1059

Ion Ratio Lower Upper

83 100

55 73.4 57.8 86.8

98 58.8 39.4 59.2



#40

Benzene

Concen: 9.838 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN072992.D

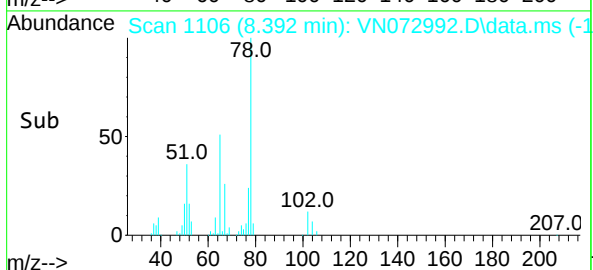
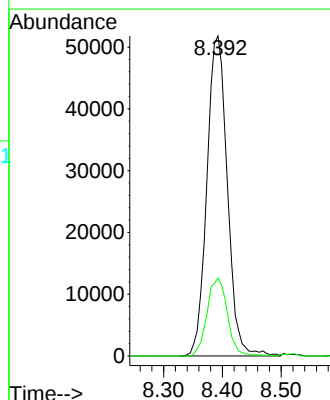
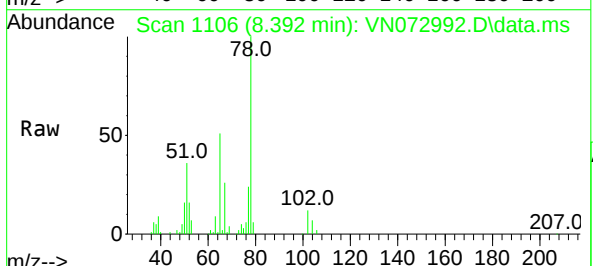
Acq: 21 Jun 2022 18:45

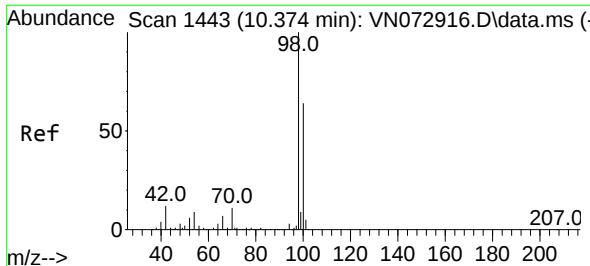
Tgt Ion: 78 Resp: 125120

Ion Ratio Lower Upper

78 100

77 24.4 19.4 29.0

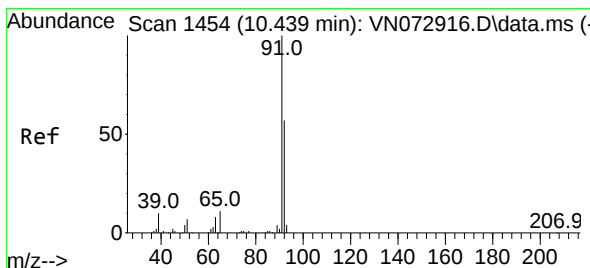
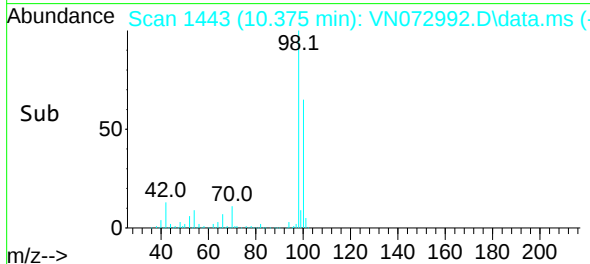
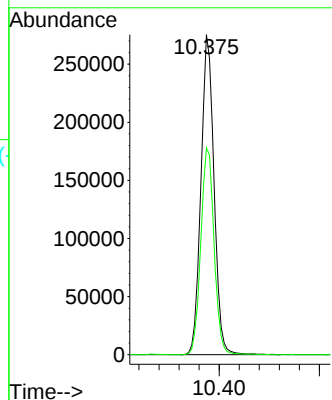
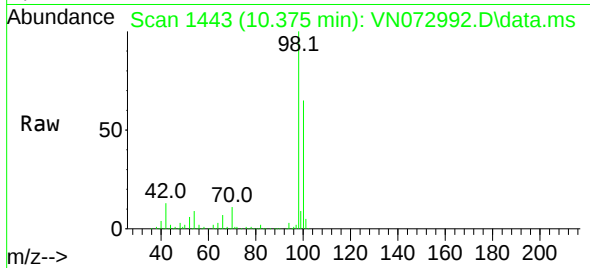




#50
Toluene-d8
Concen: 44.798 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

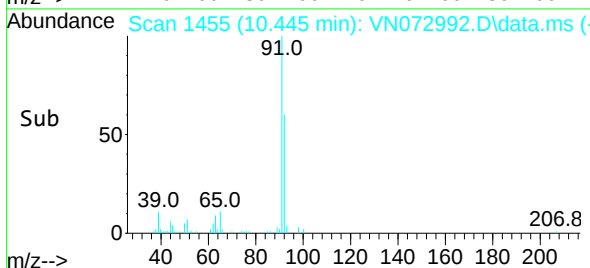
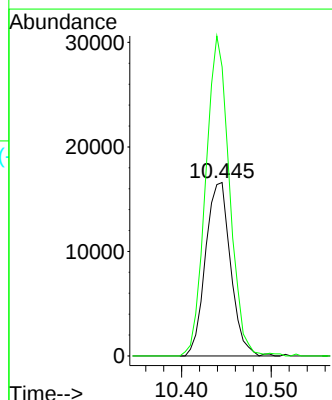
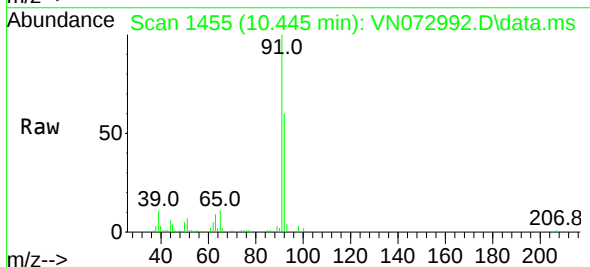
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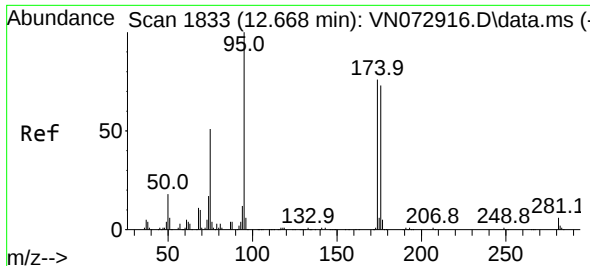
Tgt Ion: 98 Resp: 498522
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#52
Toluene
Concen: 4.119 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

Tgt Ion: 92 Resp: 32159
Ion Ratio Lower Upper
92 100
91 174.4 138.6 207.8

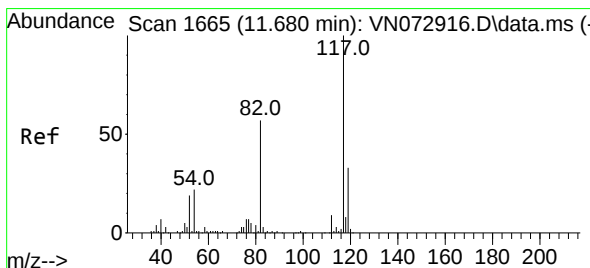
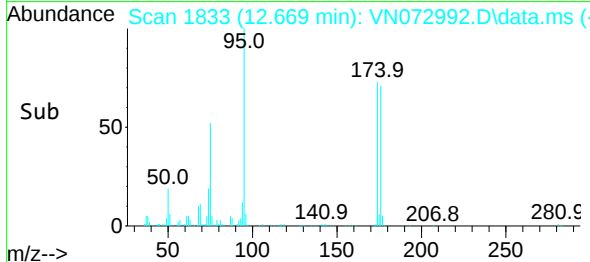
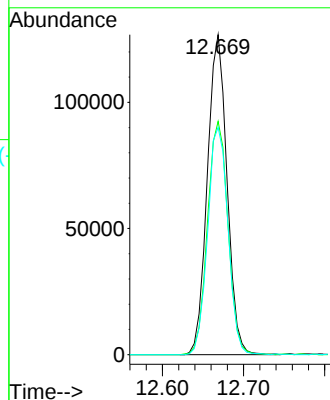
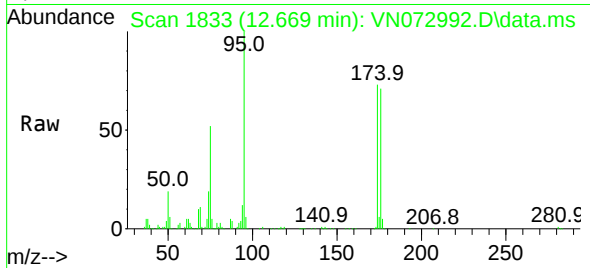




#62
4-Bromofluorobenzene
Concen: 53.302 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

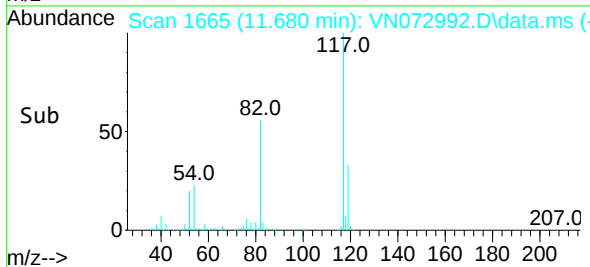
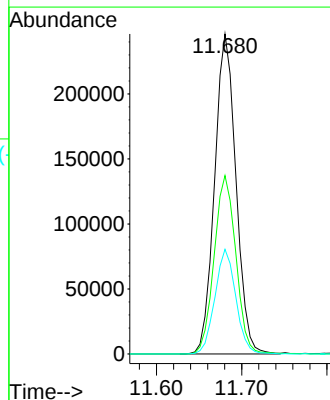
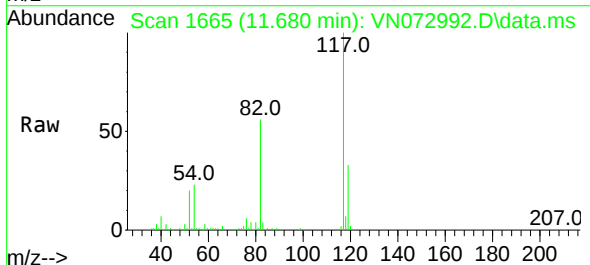
Instrument :
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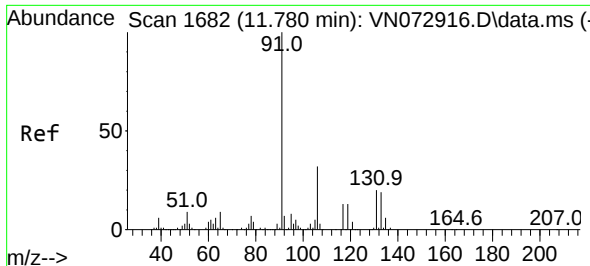
Tgt Ion: 95 Resp: 213292
Ion Ratio Lower Upper
95 100
174 75.9 0.0 167.6
176 73.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

Tgt Ion: 117 Resp: 428209
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 32.7 25.4 38.0

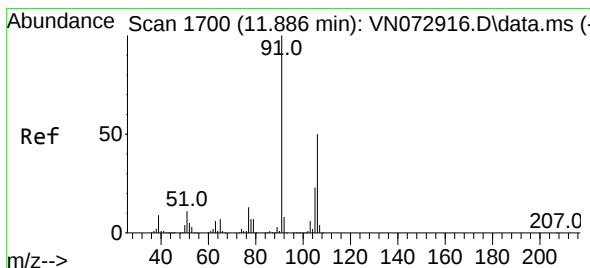
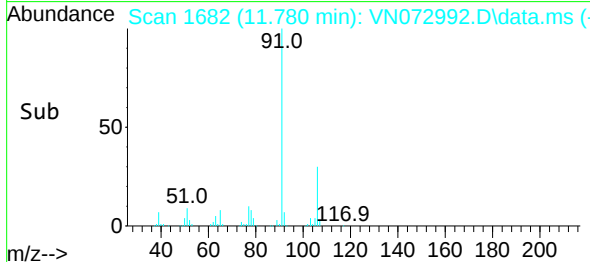
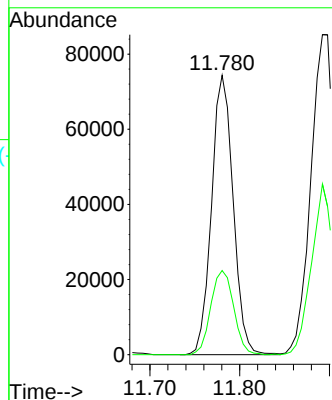
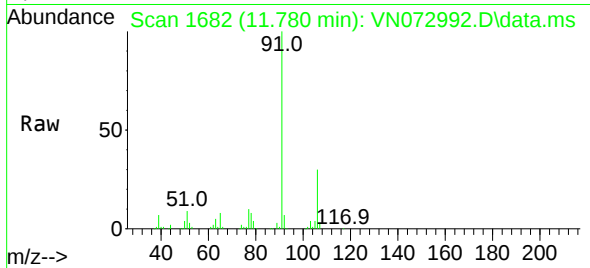




#67
Ethyl Benzene
Concen: 8.455 ug/l
RT: 11.780 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

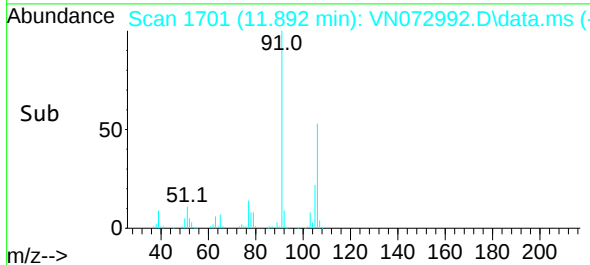
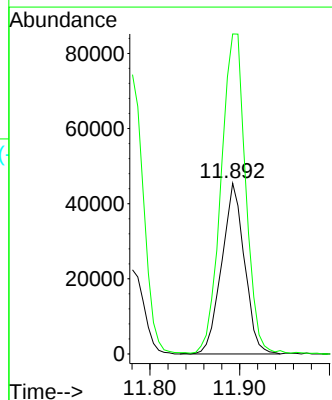
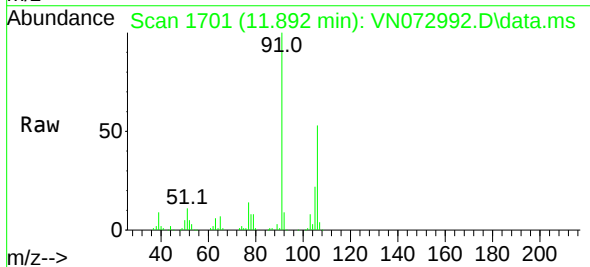
Instrument :
MSVOA_N
ClientSampleId :
MW-3

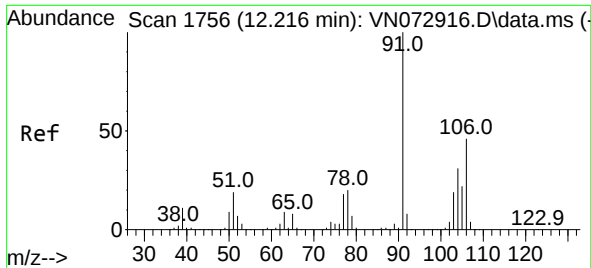
Tgt Ion: 91 Resp: 124470
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3



#68
m/p-Xylenes
Concen: 13.852 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

Tgt Ion: 106 Resp: 79981
Ion Ratio Lower Upper
106 100
91 201.7 158.9 238.3

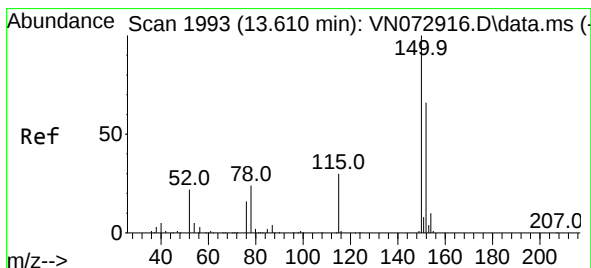
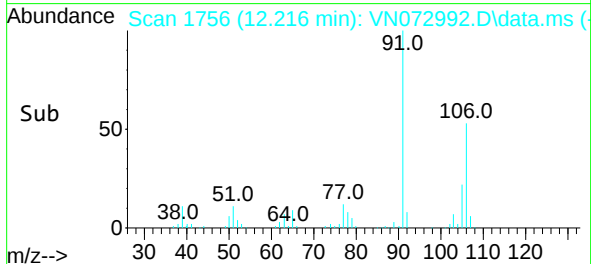
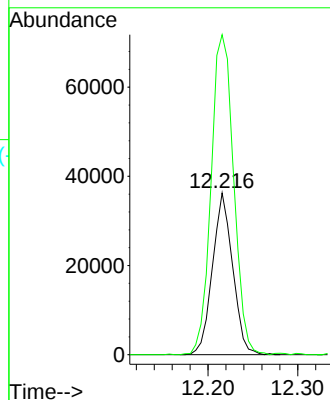
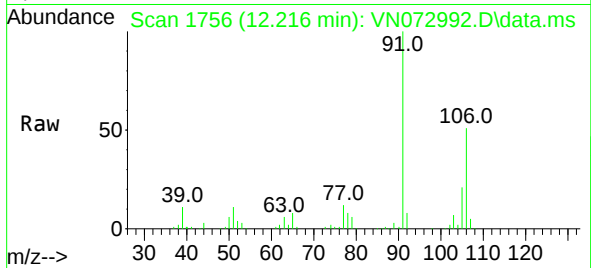




#69
o-Xylene
Concen: 9.821 ug/l
RT: 12.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

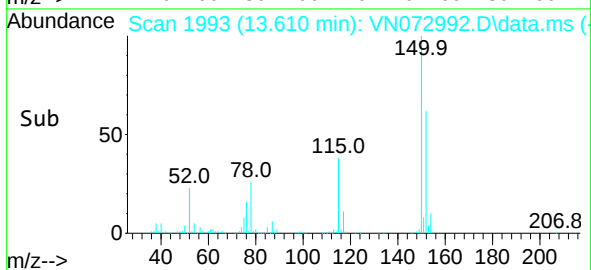
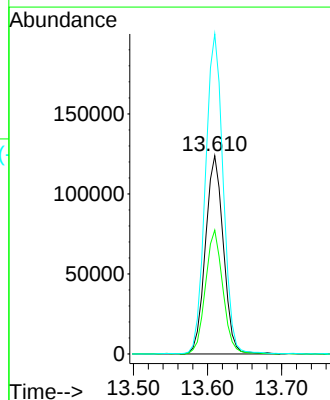
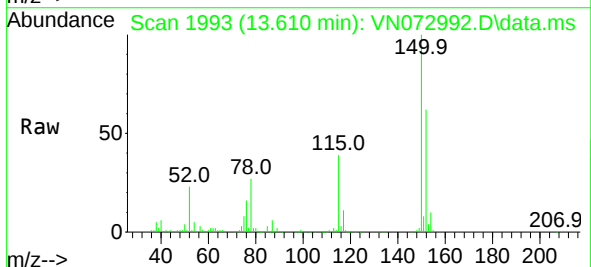
Instrument :
MSVOA_N
ClientSampleId :
MW-3

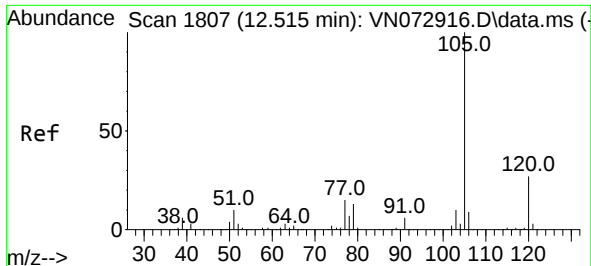
Tgt Ion:106 Resp: 56664
Ion Ratio Lower Upper
106 100
91 220.9 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

Tgt Ion:152 Resp: 208453
Ion Ratio Lower Upper
152 100
115 60.7 28.9 86.7
150 158.8 0.0 356.2

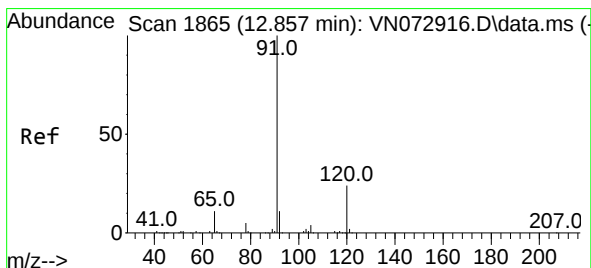
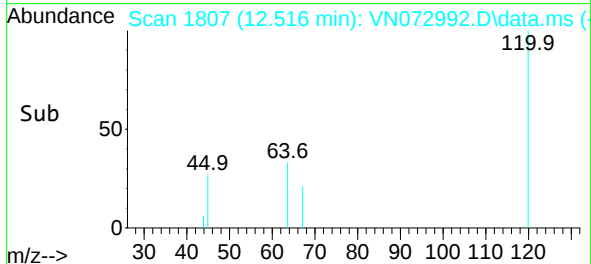
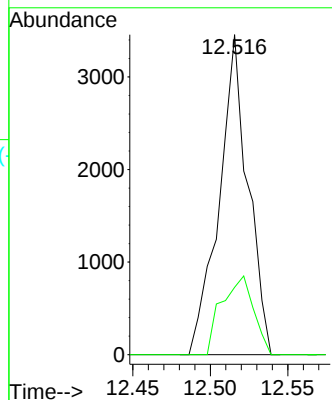
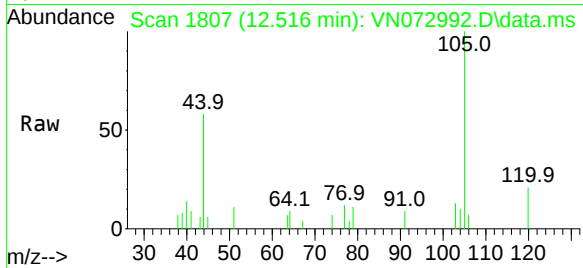




#73
Isopropylbenzene
Concen: 0.277 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

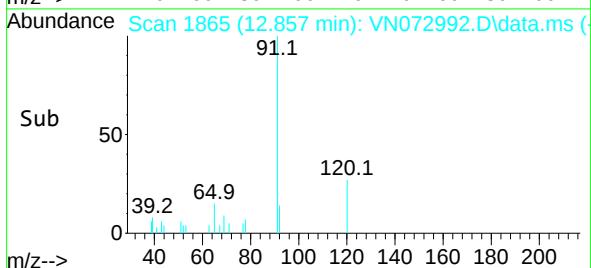
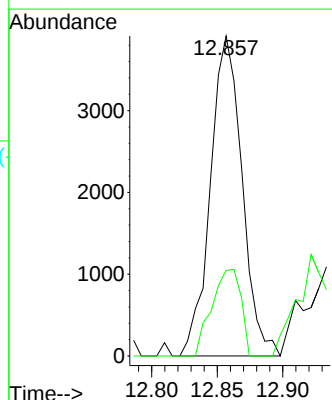
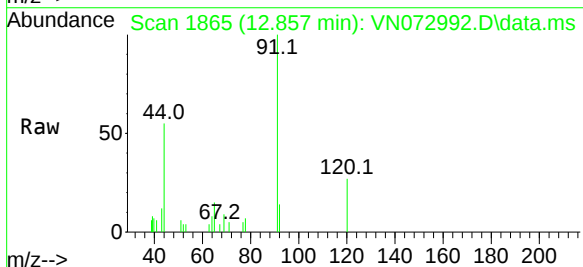
Instrument :
MSVOA_N
ClientSampleId :
MW-3

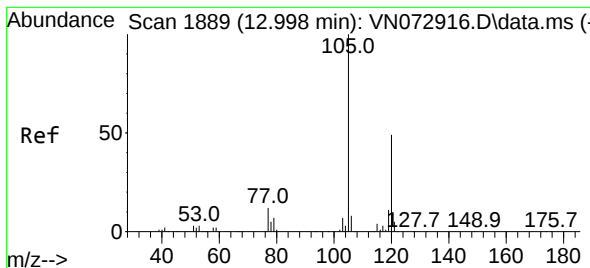
Tgt Ion:105 Resp: 4469
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4



#78
n-propylbenzene
Concen: 0.371 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN072992.D
Acq: 21 Jun 2022 18:45

Tgt Ion: 91 Resp: 6576
Ion Ratio Lower Upper
91 100
120 24.8 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 0.492 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN072992.D

Acq: 21 Jun 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

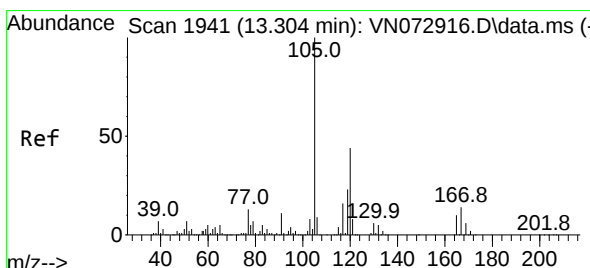
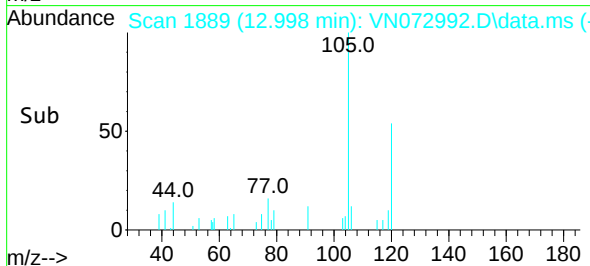
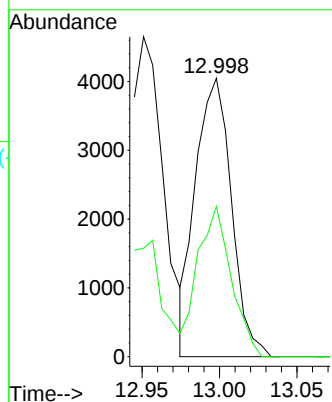
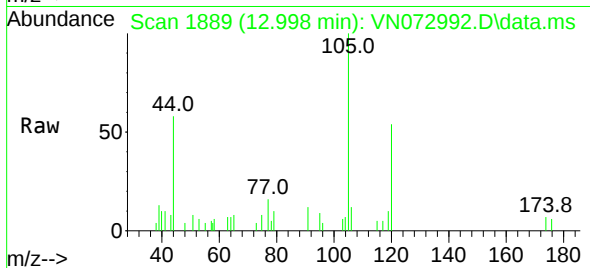
MW-3

Tgt Ion:105 Resp: 6515

Ion Ratio Lower Upper

105 100

120 50.7 24.9 74.7



#84

1,2,4-Trimethylbenzene

Concen: 2.879 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VN072992.D

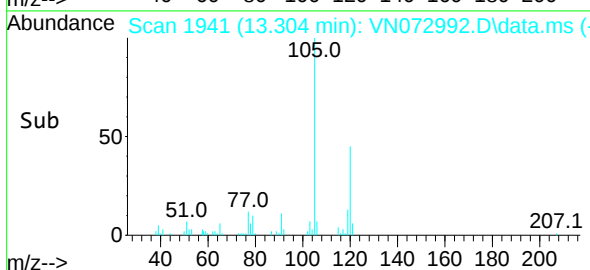
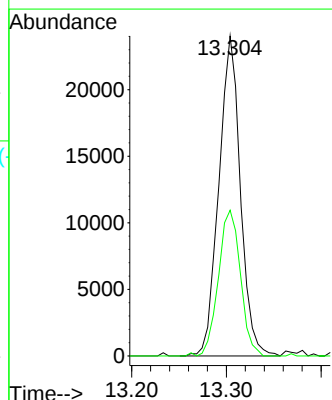
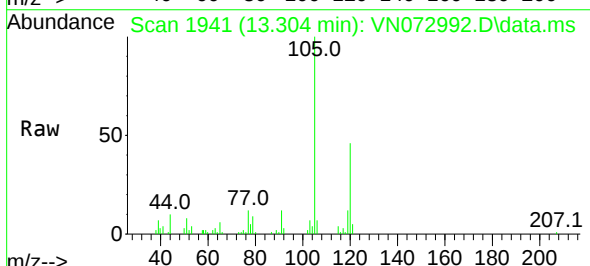
Acq: 21 Jun 2022 18:45

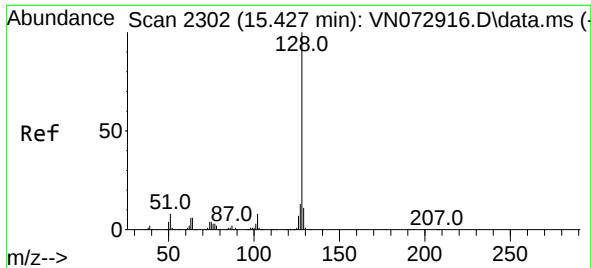
Tgt Ion:105 Resp: 37979

Ion Ratio Lower Upper

105 100

120 46.6 23.3 69.8





#95

Naphthalene

Concen: 3.151 ug/l

RT: 15.427 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN072992.D

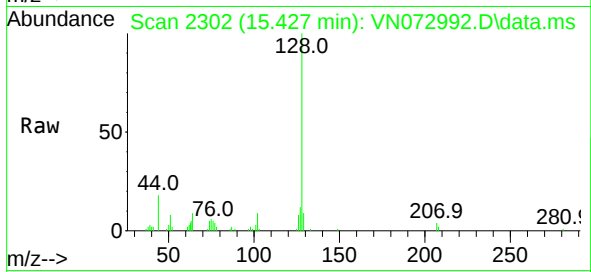
Acq: 21 Jun 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

MW-3



Tgt Ion:128 Resp: 50734

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.4 8.6 13.0

