

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN072994.D
 Acq On : 21 Jun 2022 19:34
 Operator : JC\MD
 Sample : N3381-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8

Quant Time: Jun 22 07:02:54 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)

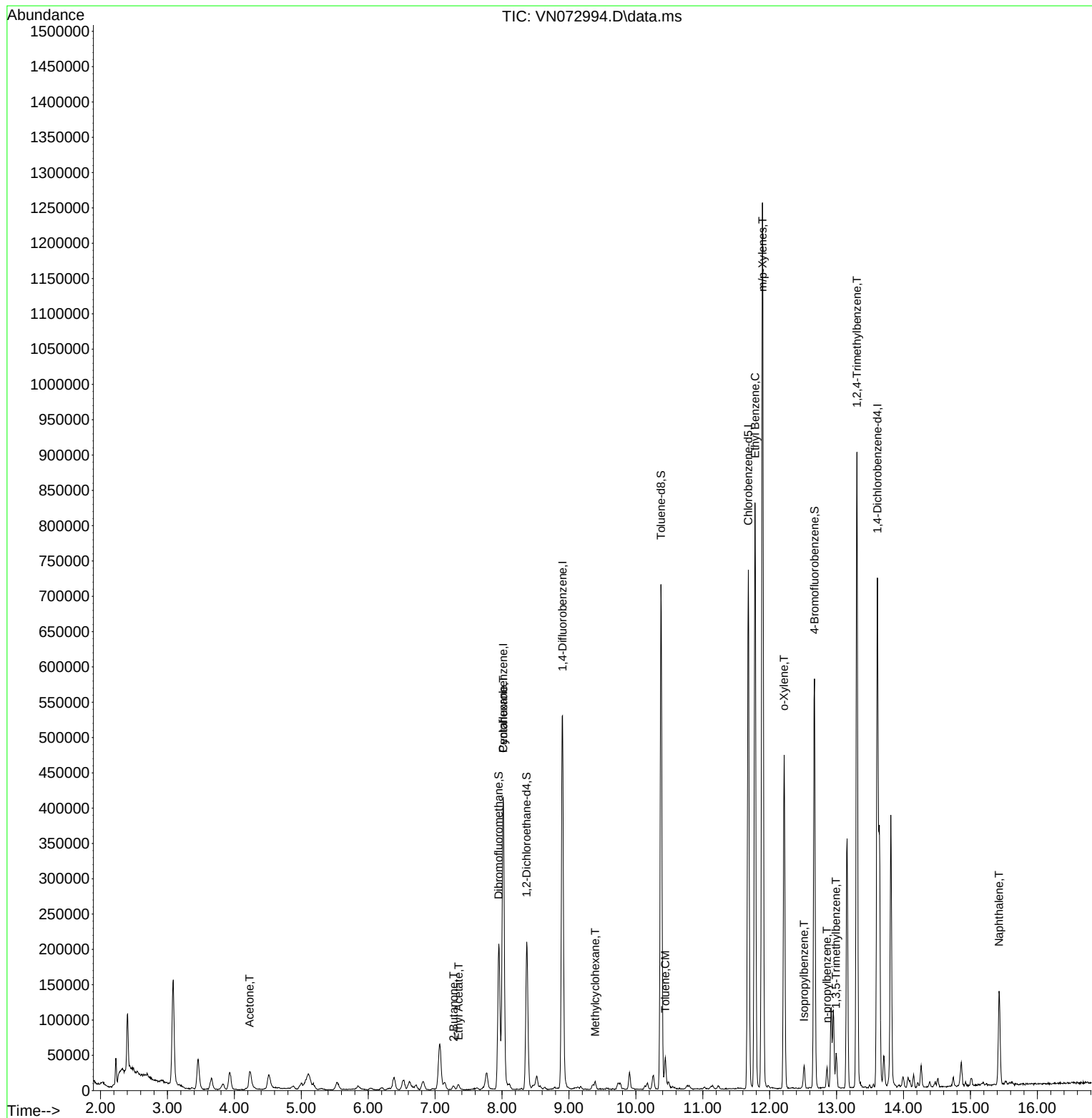
Internal Standards						
1) Pentafluorobenzene	8.016	168	294336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	474679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	415661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	189544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	171945	43.209	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.420%
35) Dibromofluoromethane	7.951	113	152971	52.138	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.280%
50) Toluene-d8	10.375	98	488555	44.751	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.500%
62) 4-Bromofluorobenzene	12.669	95	200770	51.142	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.280%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	50495	23.084	ug/l #	87
25) 2-Butanone	7.275	43	8417	2.425	ug/l #	88
31) Cyclohexane	8.016	56	26279	4.882	ug/l #	80
37) Ethyl Acetate	7.351	43	12602	1.985	ug/l #	89
39) Methylcyclohexane	9.392	83	4661	0.974	ug/l #	87
52) Toluene	10.439	92	16862	2.201	ug/l	93
67) Ethyl Benzene	11.780	91	594261	41.586	ug/l	99
68) m/p-Xylenes	11.892	106	383710	68.461	ug/l	97
69) o-Xylene	12.216	106	124495	22.229	ug/l	95
73) Isopropylbenzene	12.516	105	21673	1.478	ug/l	98
78) n-propylbenzene	12.857	91	21667	1.343	ug/l	98
80) 1,3,5-Trimethylbenzene	12.992	105	22295	1.851	ug/l	93
84) 1,2,4-Trimethylbenzene	13.304	105	506404	42.211	ug/l	99
95) Naphthalene	15.427	128	124358	8.493	ug/l	99

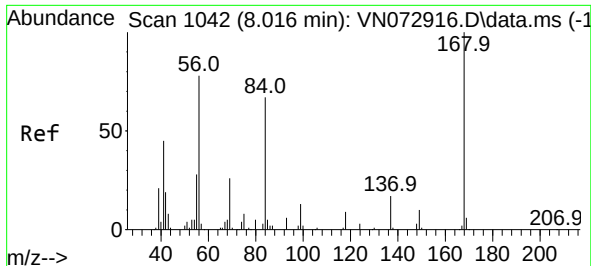
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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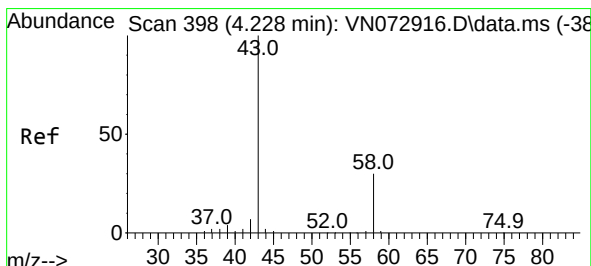
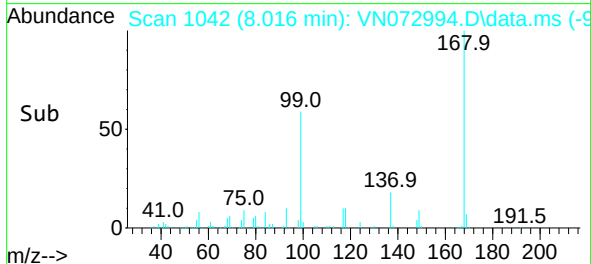
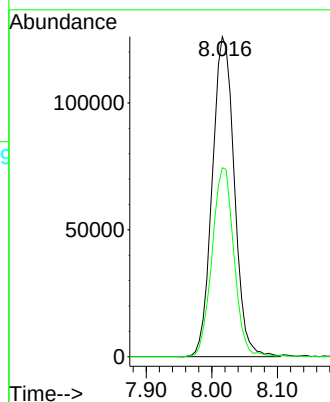
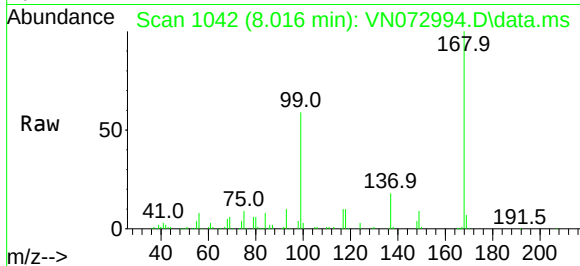




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072994.D
Acq: 21 Jun 2022 19:34

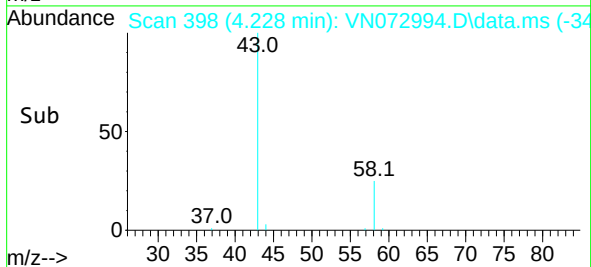
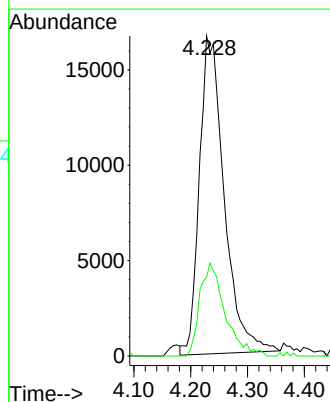
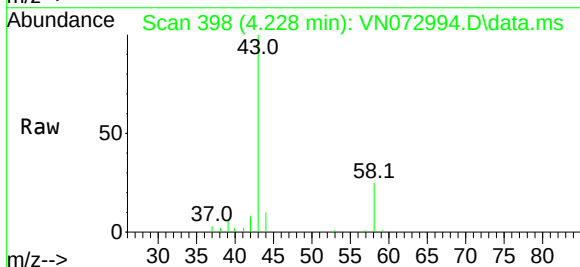
Instrument :
MSVOA_N
ClientSampleId :
MW-8

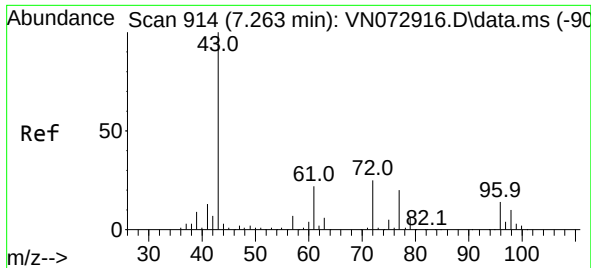
Tgt Ion:168 Resp: 294336
Ion Ratio Lower Upper
168 100
99 59.1 42.3 63.5



#16
Acetone
Concen: 23.084 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: VN072994.D
Acq: 21 Jun 2022 19:34

Tgt Ion: 43 Resp: 50495
Ion Ratio Lower Upper
43 100
58 25.0 26.0 39.0#

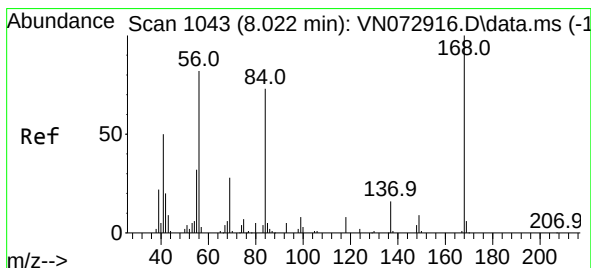
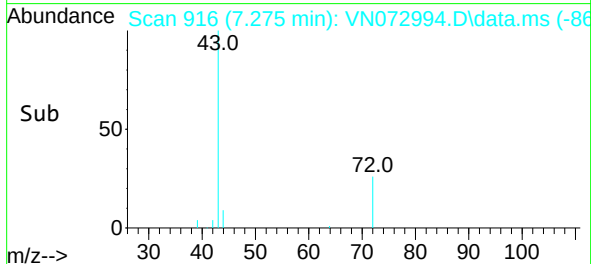
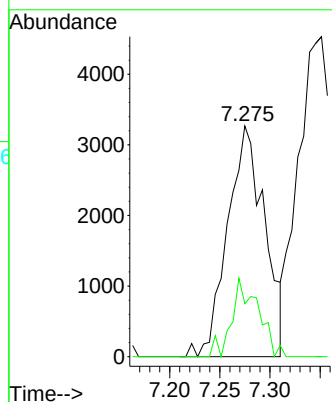
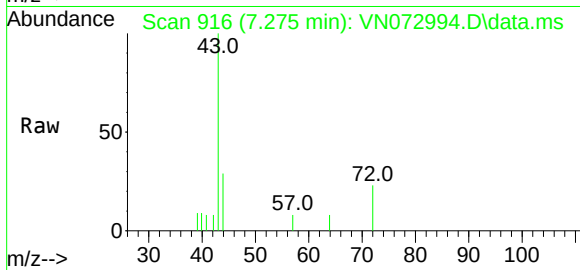




#25
2-Butanone
Concen: 2.425 ug/l
RT: 7.275 min Scan# 914
Delta R.T. 0.012 min
Lab File: VN072994.D
Acq: 21 Jun 2022 19:34

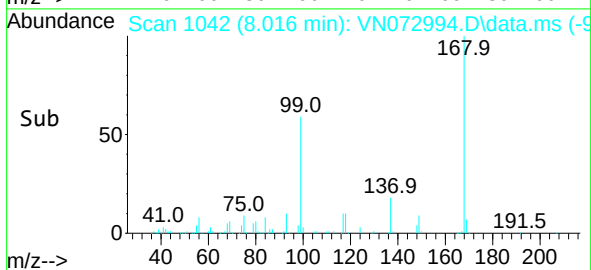
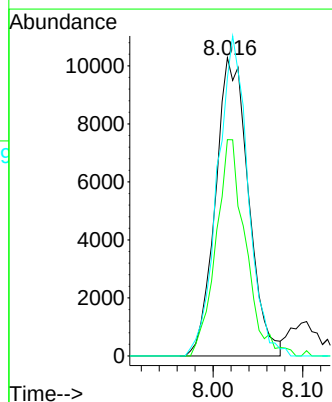
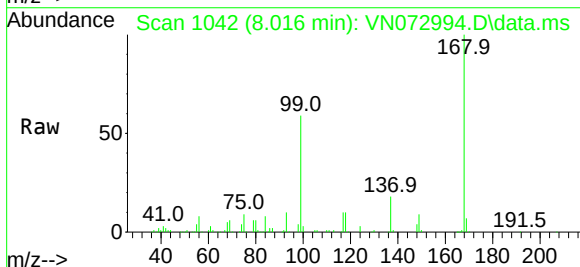
Instrument :
MSVOA_N
ClientSampleId :
MW-8

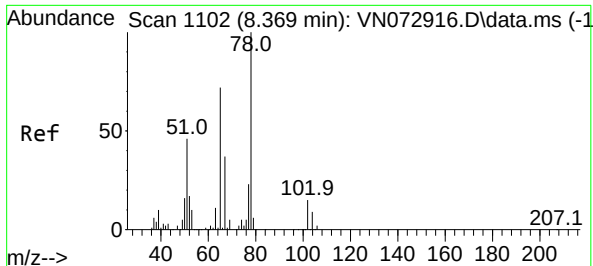
Tgt Ion: 43 Resp: 8417
Ion Ratio Lower Upper
43 100
72 22.9 23.7 35.5#



#31
Cyclohexane
Concen: 4.882 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN072994.D
Acq: 21 Jun 2022 19:34

Tgt Ion: 56 Resp: 26279
Ion Ratio Lower Upper
56 100
69 72.5 27.8 41.8#
84 93.2 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 43.209 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072994.D

Acq: 21 Jun 2022 19:34

Instrument :

MSVOA_N

ClientSampleId :

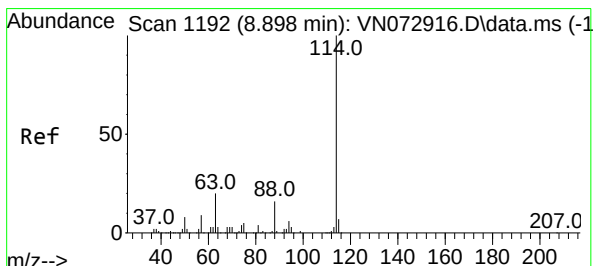
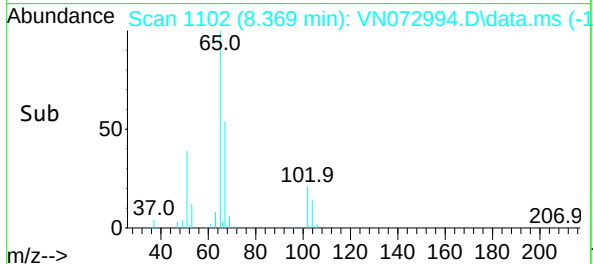
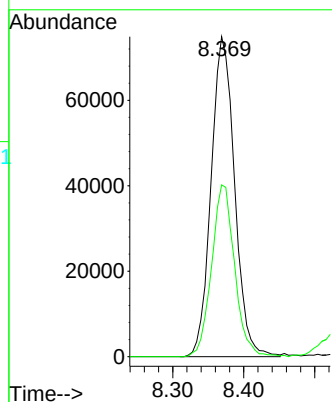
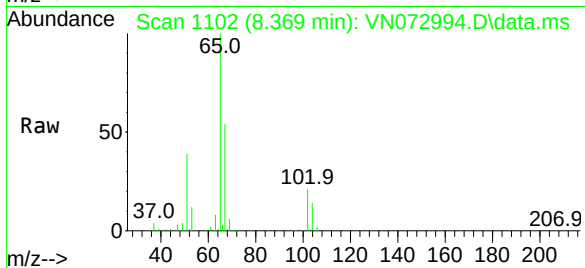
MW-8

Tgt Ion: 65 Resp: 171945

Ion Ratio Lower Upper

65 100

67 52.7 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: VN072994.D

Acq: 21 Jun 2022 19:34

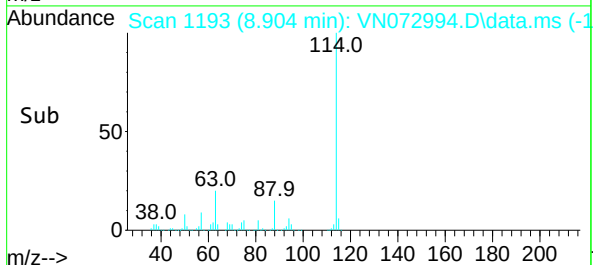
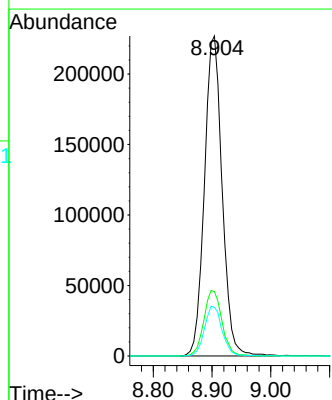
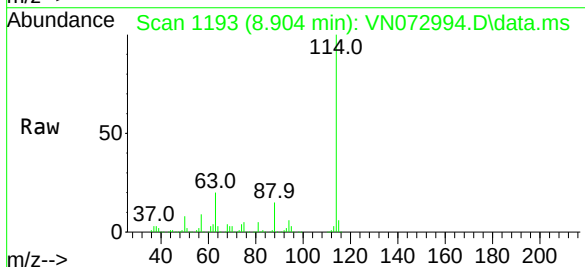
Tgt Ion: 114 Resp: 474679

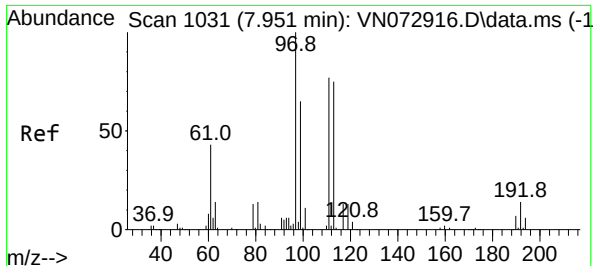
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.138 ug/l

RT: 7.951 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072994.D

Acq: 21 Jun 2022 19:34

Instrument :

MSVOA_N

ClientSampleId :

MW-8

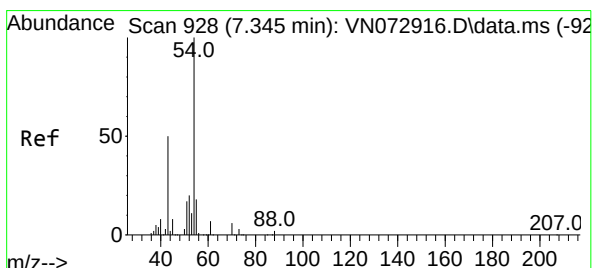
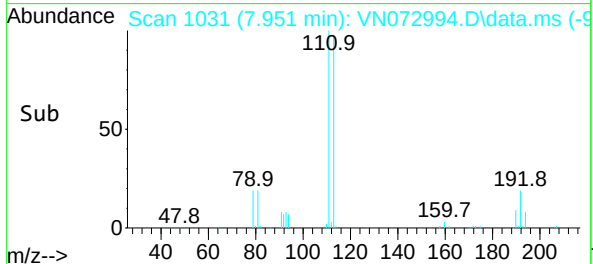
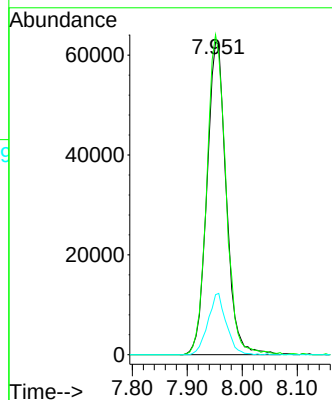
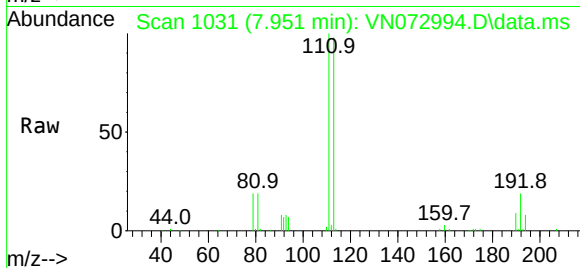
Tgt Ion:113 Resp: 152971

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

192 18.6 17.0 25.6



#37

Ethyl Acetate

Concen: 1.985 ug/l

RT: 7.351 min Scan# 929

Delta R.T. 0.006 min

Lab File: VN072994.D

Acq: 21 Jun 2022 19:34

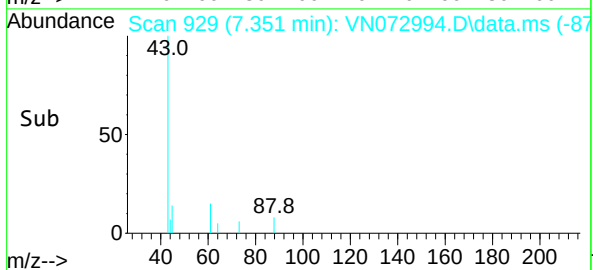
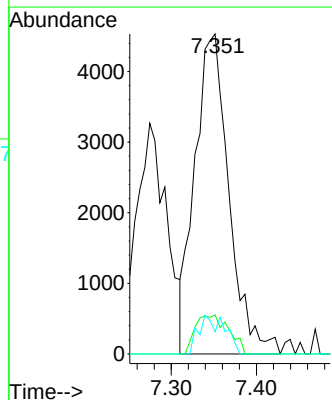
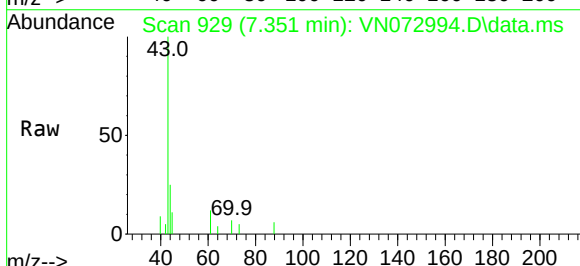
Tgt Ion: 43 Resp: 12602

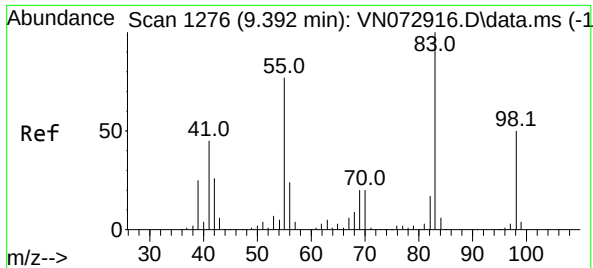
Ion Ratio Lower Upper

43 100

61 11.9 11.8 17.6

70 5.6 9.3 13.9#





#39

Methylcyclohexane

Concen: 0.974 ug/l

RT: 9.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072994.D

Acq: 21 Jun 2022 19:34

Instrument :

MSVOA_N

ClientSampleId :

MW-8

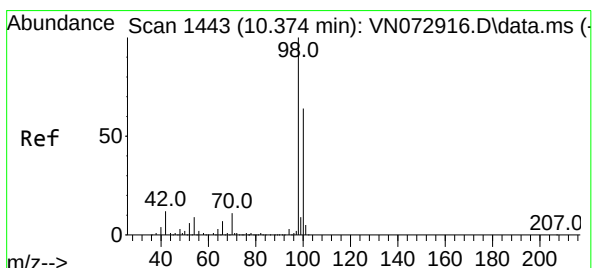
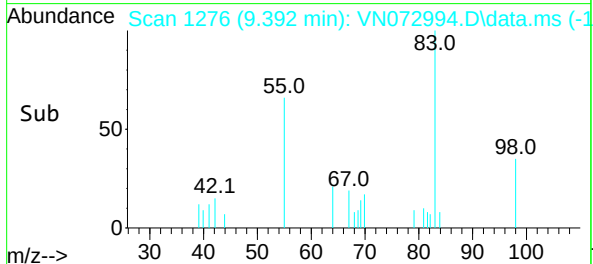
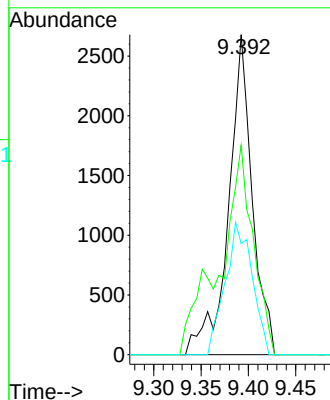
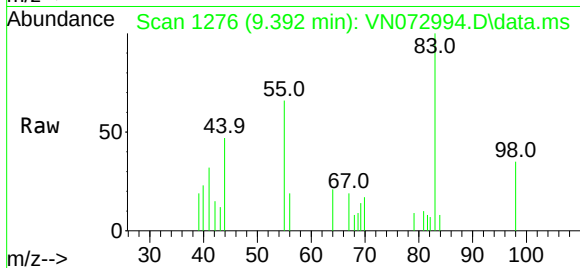
Tgt Ion: 83 Resp: 4661

Ion Ratio Lower Upper

83 100

55 65.5 57.8 86.8

98 34.7 39.4 59.2#



#50

Toluene-d8

Concen: 44.751 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN072994.D

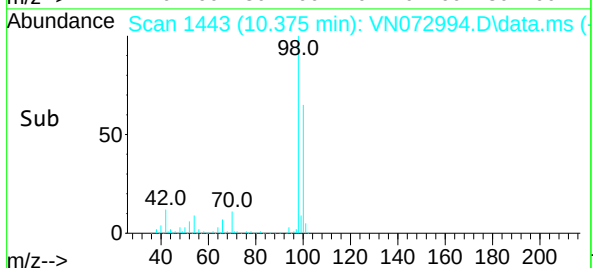
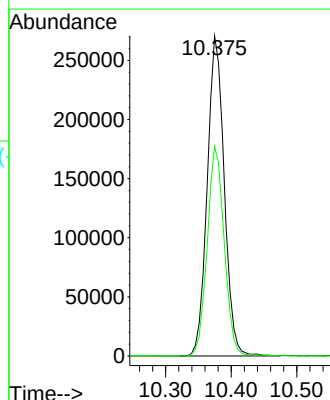
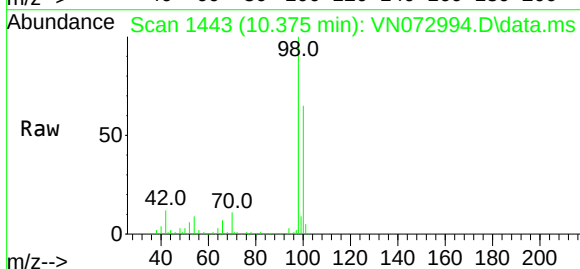
Acq: 21 Jun 2022 19:34

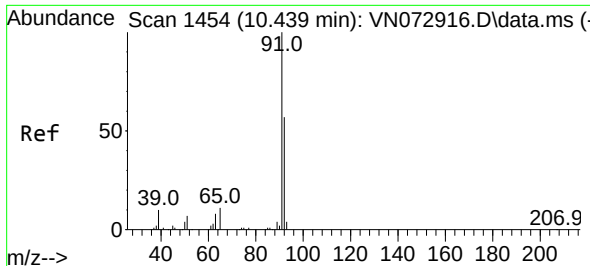
Tgt Ion: 98 Resp: 488555

Ion Ratio Lower Upper

98 100

100 65.6 52.6 78.8

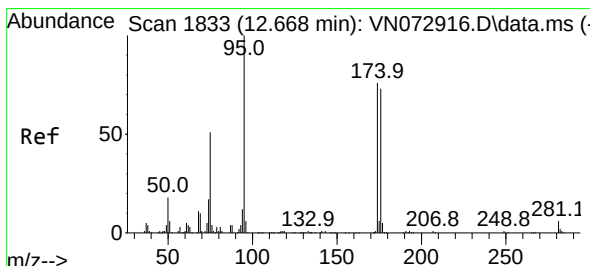
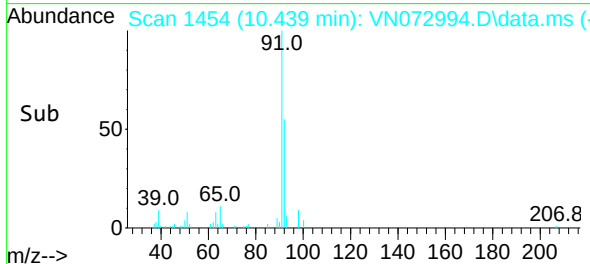
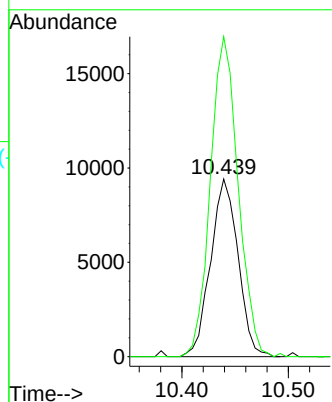
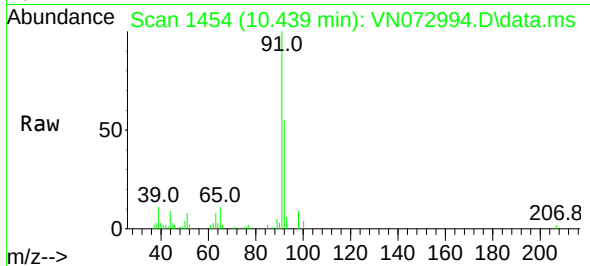




#52
Toluene
Concen: 2.201 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN072994.D
Acq: 21 Jun 2022 19:34

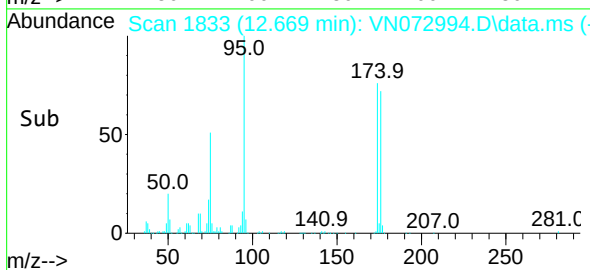
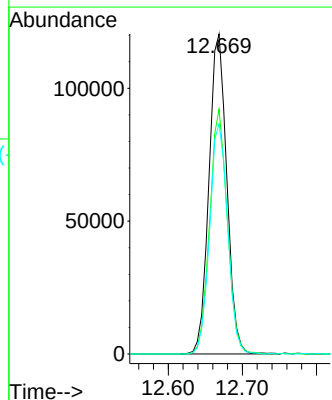
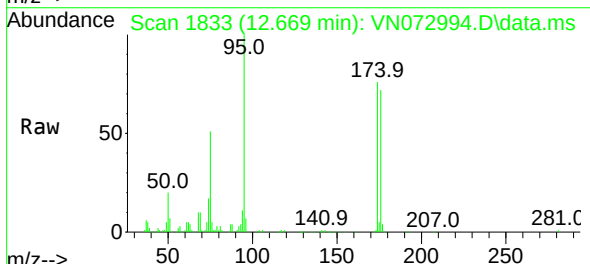
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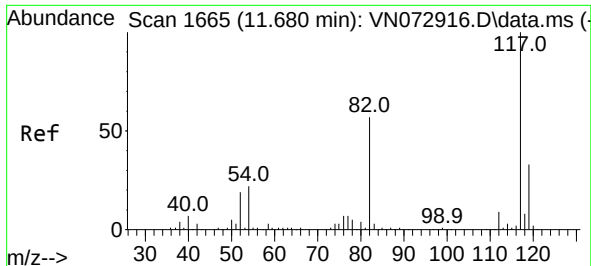
Tgt Ion: 92 Resp: 16862
Ion Ratio Lower Upper
92 100
91 182.2 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 51.142 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN072994.D
Acq: 21 Jun 2022 19:34

Tgt Ion: 95 Resp: 200770
Ion Ratio Lower Upper
95 100
174 75.9 0.0 167.6
176 72.7 0.0 163.4

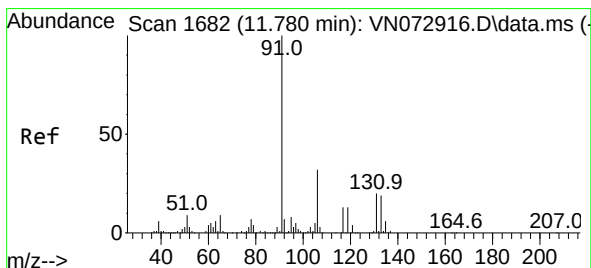
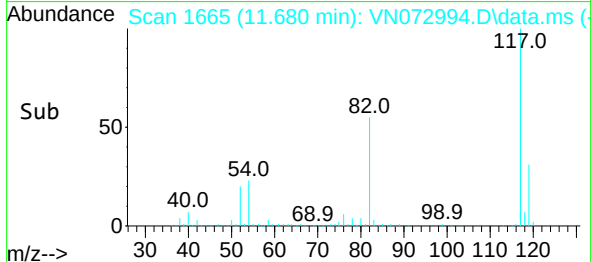
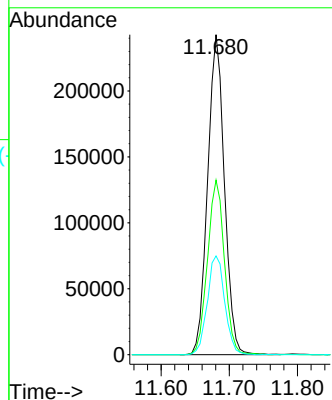
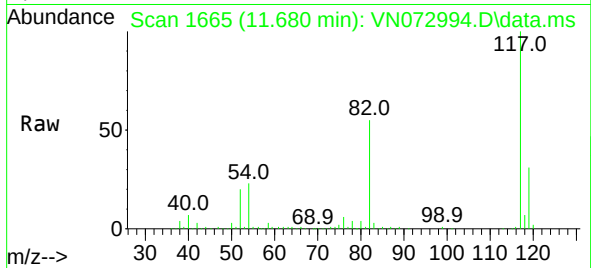




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN072994.D
Acq: 21 Jun 2022 19:34

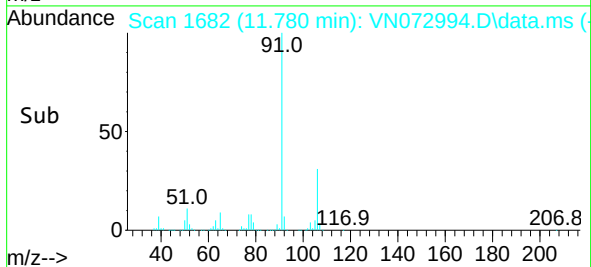
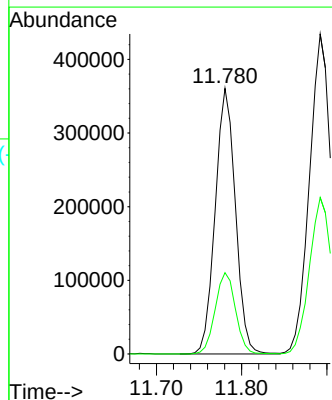
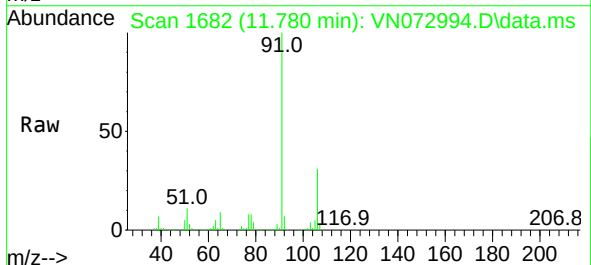
Instrument :
MSVOA_N
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MW-8

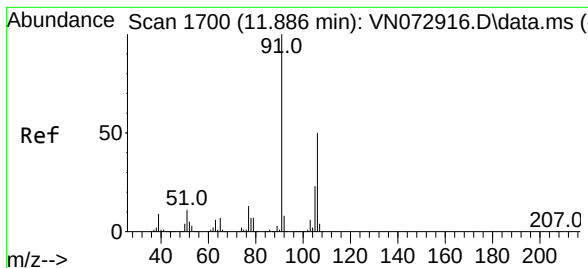
Tgt Ion:117 Resp: 415661
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 30.9 25.4 38.0



#67
Ethyl Benzene
Concen: 41.586 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN072994.D
Acq: 21 Jun 2022 19:34

Tgt Ion: 91 Resp: 594261
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3

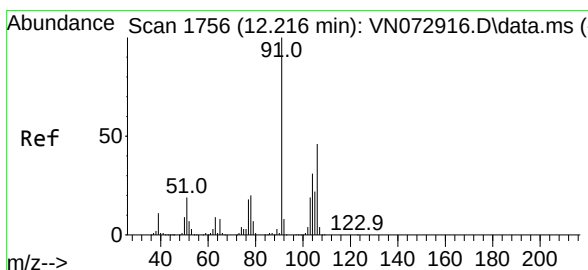
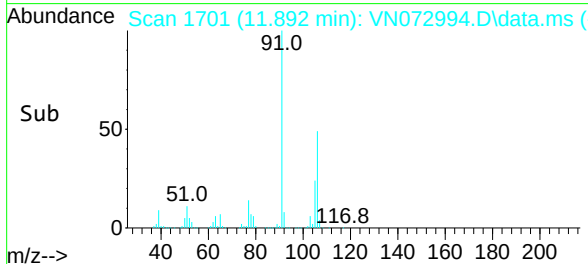
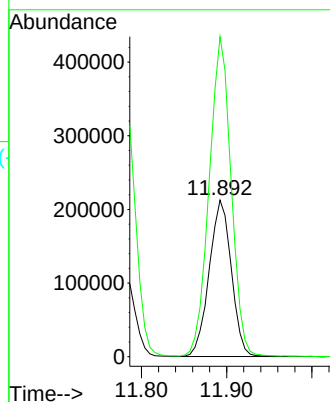
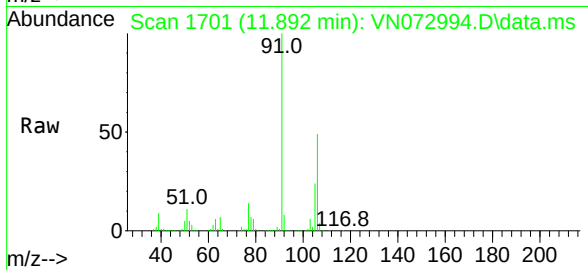




#68
m/p-Xylenes
Concen: 68.461 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN072994.D
Acq: 21 Jun 2022 19:34

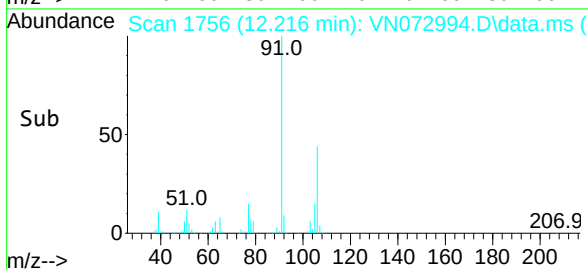
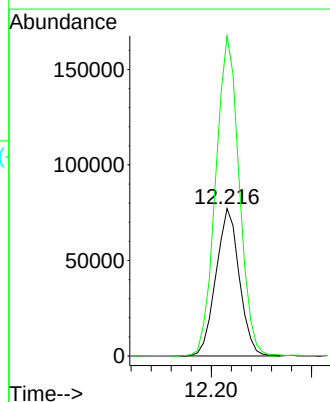
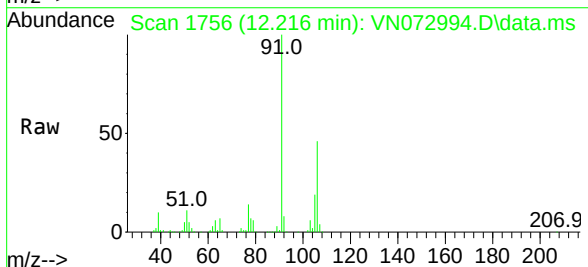
Instrument :
MSVOA_N
ClientSampleId :
MW-8

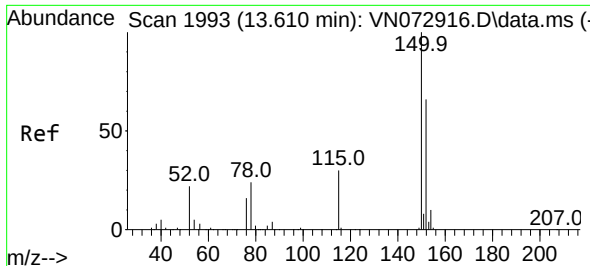
Tgt Ion:106 Resp: 383710
Ion Ratio Lower Upper
106 100
91 203.4 158.9 238.3



#69
o-Xylene
Concen: 22.229 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN072994.D
Acq: 21 Jun 2022 19:34

Tgt Ion:106 Resp: 124495
Ion Ratio Lower Upper
106 100
91 219.2 106.0 318.0

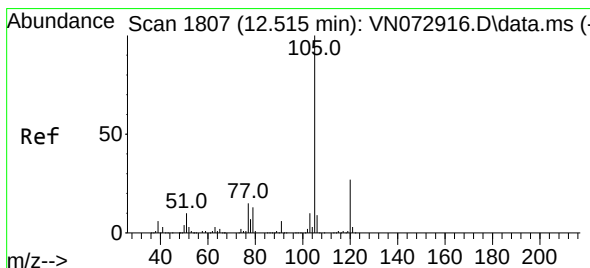
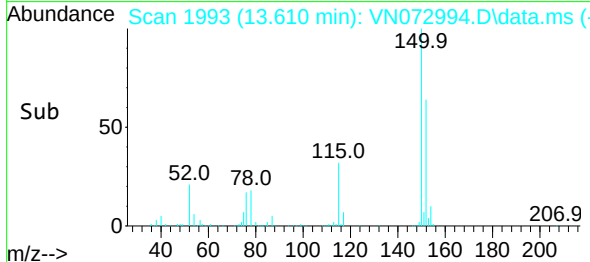
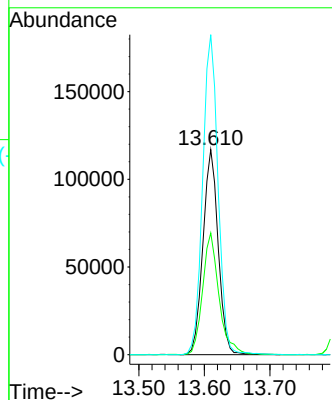
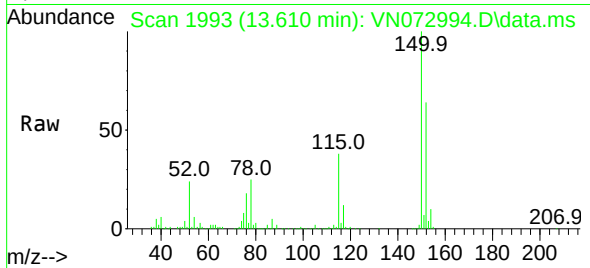




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. 0.000 min
 Lab File: VN072994.D
 Acq: 21 Jun 2022 19:34

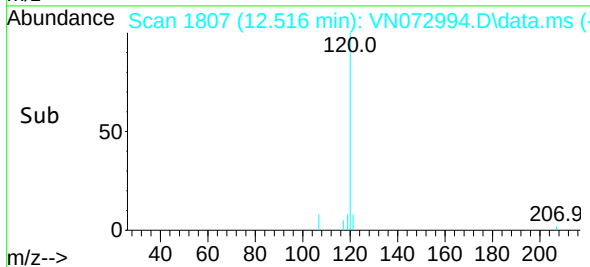
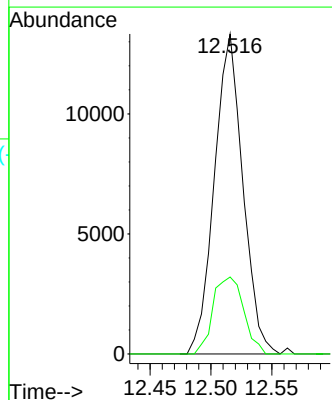
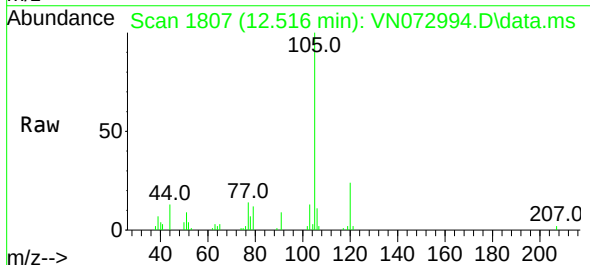
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8

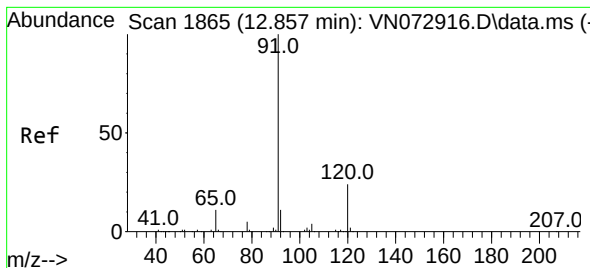
Tgt Ion:152 Resp: 189544
 Ion Ratio Lower Upper
 152 100
 115 64.0 28.9 86.7
 150 157.4 0.0 356.2



#73
 Isopropylbenzene
 Concen: 1.478 ug/l
 RT: 12.516 min Scan# 1807
 Delta R.T. 0.000 min
 Lab File: VN072994.D
 Acq: 21 Jun 2022 19:34

Tgt Ion:105 Resp: 21673
 Ion Ratio Lower Upper
 105 100
 120 25.8 13.5 40.4





#78

n-propylbenzene

Concen: 1.343 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. 0.000 min

Lab File: VN072994.D

Acq: 21 Jun 2022 19:34

Instrument :

MSVOA_N

ClientSampleId :

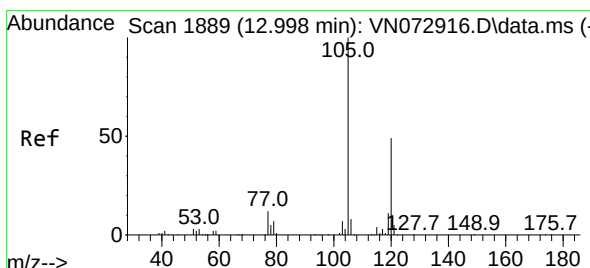
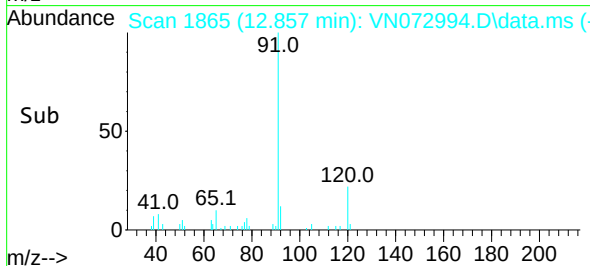
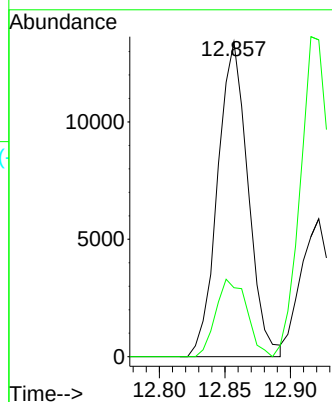
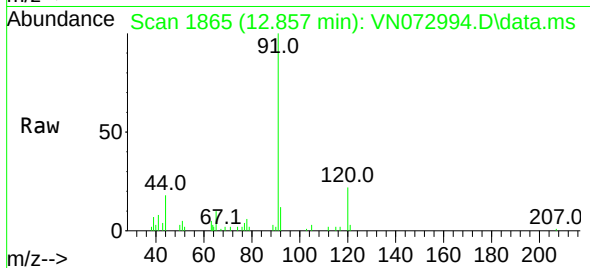
MW-8

Tgt Ion: 91 Resp: 21667

Ion Ratio Lower Upper

91 100

120 24.9 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 1.851 ug/l

RT: 12.992 min Scan# 1888

Delta R.T. -0.006 min

Lab File: VN072994.D

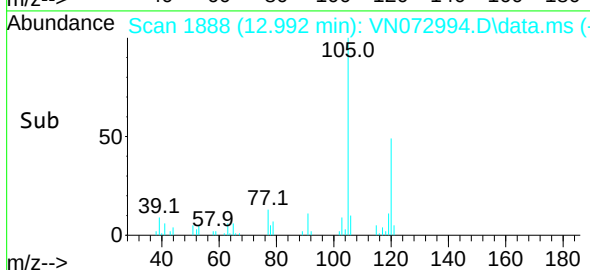
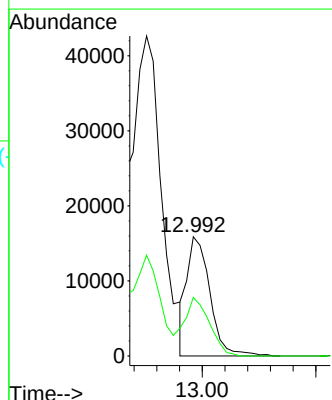
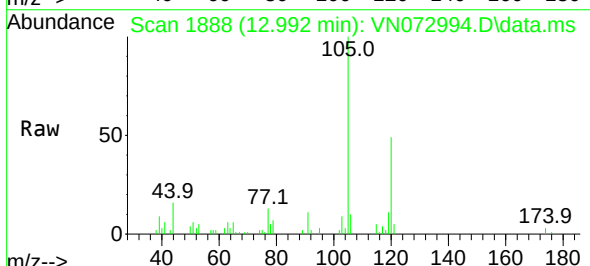
Acq: 21 Jun 2022 19:34

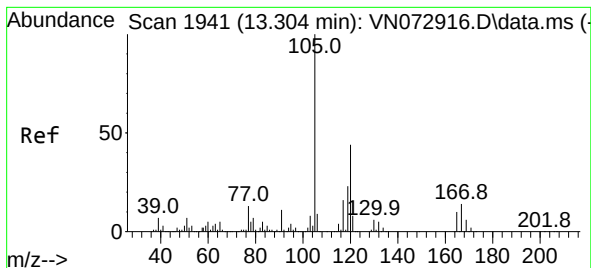
Tgt Ion: 105 Resp: 22295

Ion Ratio Lower Upper

105 100

120 54.5 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 42.211 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VN072994.D

Acq: 21 Jun 2022 19:34

Instrument :

MSVOA_N

ClientSampleId :

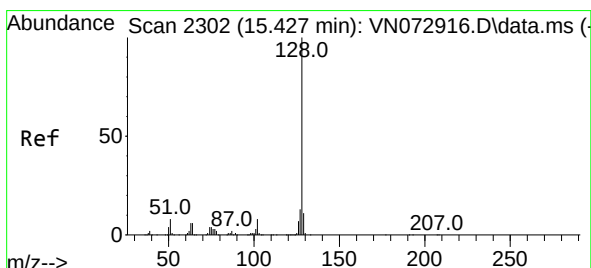
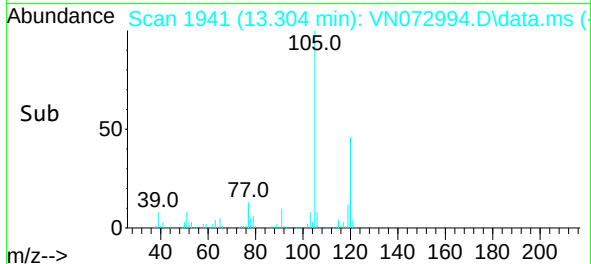
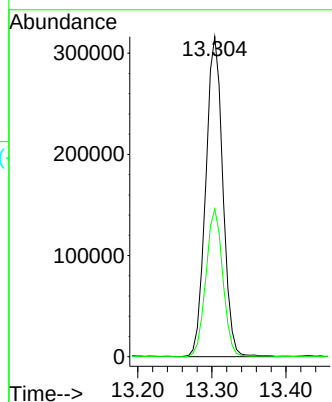
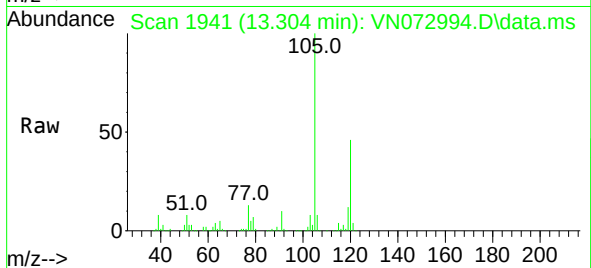
MW-8

Tgt Ion:105 Resp: 506404

Ion Ratio Lower Upper

105 100

120 45.6 23.3 69.8



#95

Naphthalene

Concen: 8.493 ug/l

RT: 15.427 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN072994.D

Acq: 21 Jun 2022 19:34

Tgt Ion:128 Resp: 124358

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 10.2 8.6 13.0

