

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062222\
 Data File : VN073031.D
 Acq On : 22 Jun 2022 17:42
 Operator : JC\MD
 Sample : N3381-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7A

Quant Time: Jun 23 07:33:15 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)

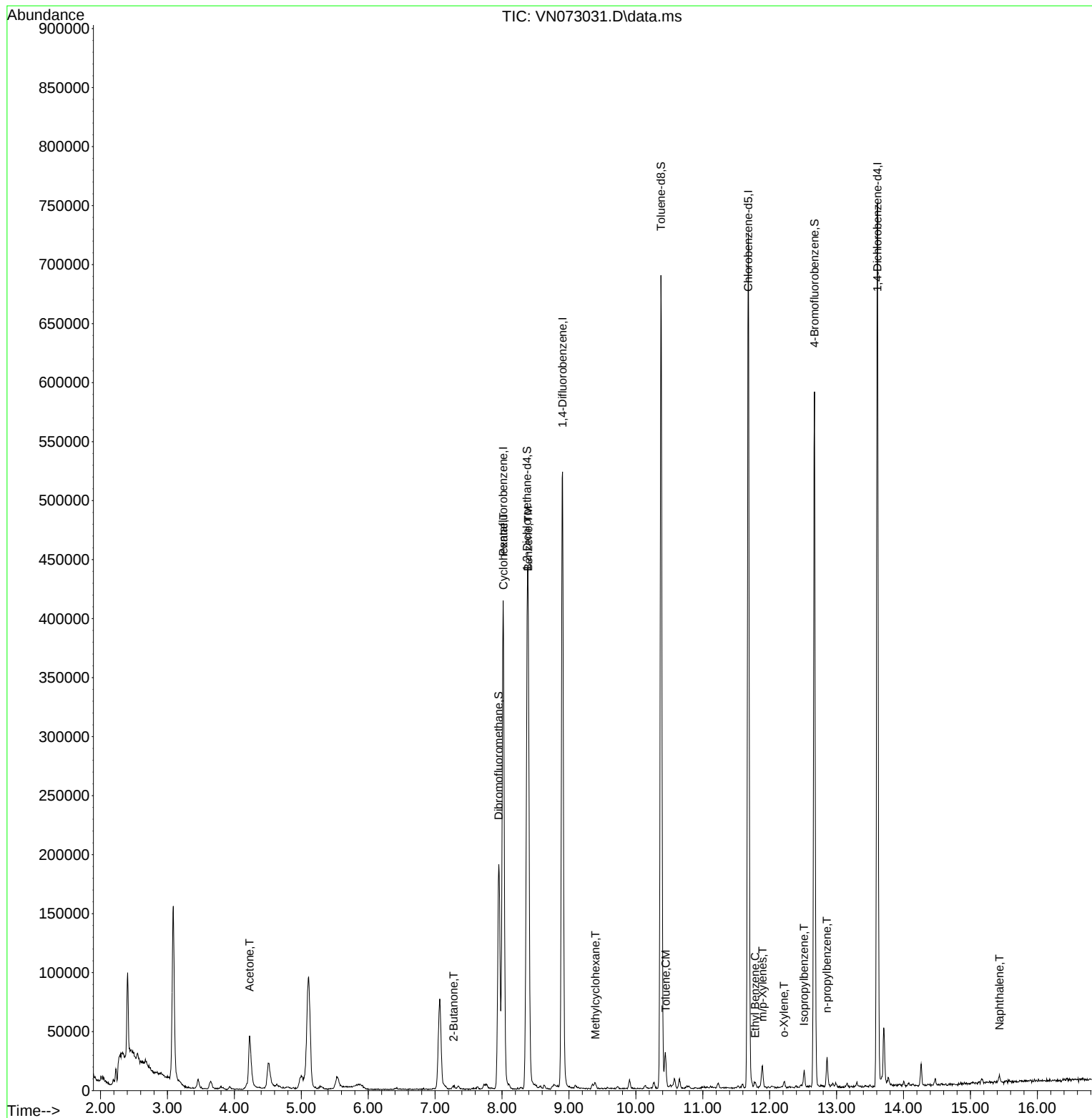
Internal Standards						
1) Pentafluorobenzene	8.016	168	284793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	464864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	414474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	198406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	171138	44.448	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.900%
35) Dibromofluoromethane	7.951	113	143969	50.106	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.220%
50) Toluene-d8	10.375	98	473777	44.313	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.620%
62) 4-Bromofluorobenzene	12.669	95	201231	52.342	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.680%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	83750	39.570	ug/l	97
25) 2-Butanone	7.275	43	5306	1.580	ug/l #	78
31) Cyclohexane	8.022	56	26178	5.026	ug/l #	88
39) Methylcyclohexane	9.398	83	2677	0.571	ug/l #	74
40) Benzene	8.392	78	350292	28.669	ug/l	97
52) Toluene	10.445	92	11609	1.548	ug/l	99
67) Ethyl Benzene	11.780	91	3294	0.231	ug/l	94
68) m/p-Xylenes	11.892	106	5322	0.952	ug/l	75
69) o-Xylene	12.216	106	1416	0.254	ug/l	72
73) Isopropylbenzene	12.516	105	8376	0.546	ug/l	96
78) n-propylbenzene	12.857	91	18502	1.096	ug/l	98
95) Naphthalene	15.433	128	5497	0.359	ug/l #	97

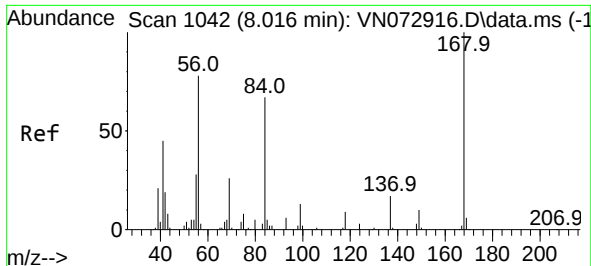
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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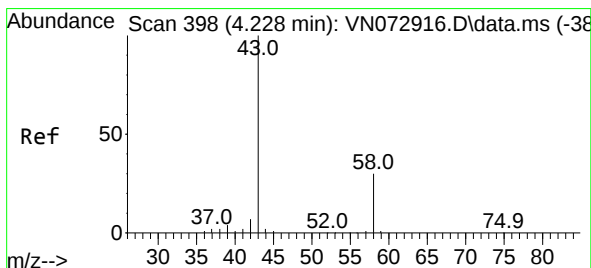
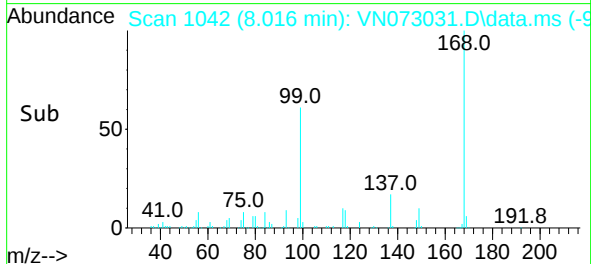
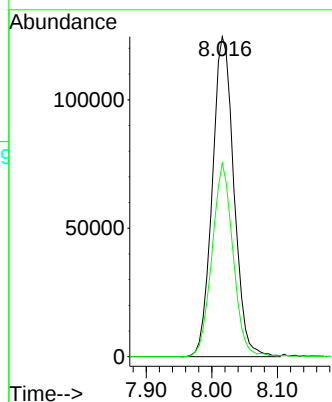
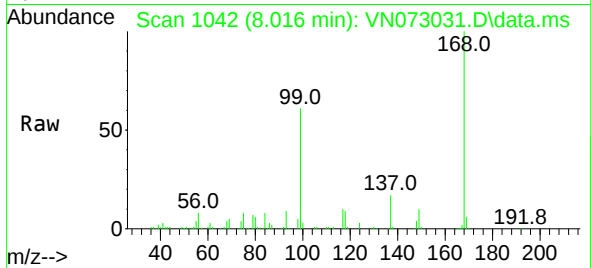




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073031.D
Acq: 22 Jun 2022 17:42

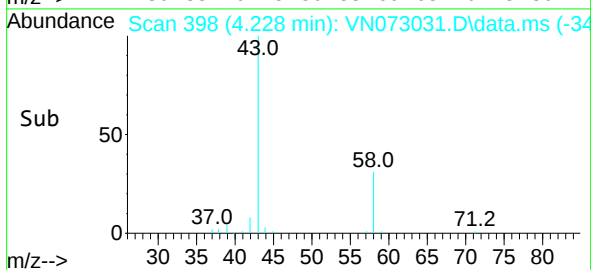
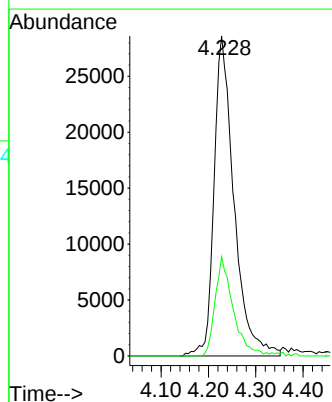
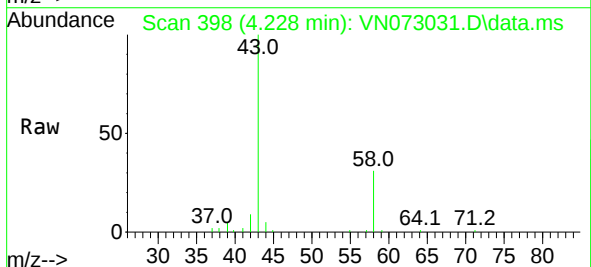
Instrument :
MSVOA_N
ClientSampleId :
MW-7A

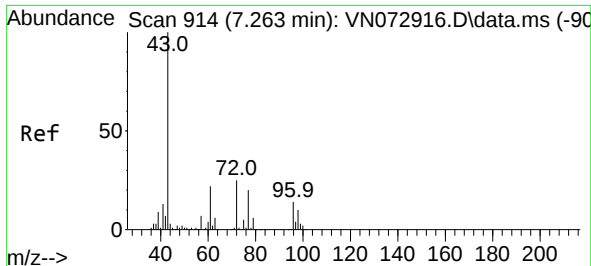
Tgt Ion:168 Resp: 284793
Ion Ratio Lower Upper
168 100
99 60.6 42.3 63.5



#16
Acetone
Concen: 39.570 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: VN073031.D
Acq: 22 Jun 2022 17:42

Tgt Ion: 43 Resp: 83750
Ion Ratio Lower Upper
43 100
58 31.0 26.0 39.0





#25

2-Butanone

Concen: 1.580 ug/l

RT: 7.275 min Scan# 914

Delta R.T. 0.012 min

Lab File: VN073031.D

Acq: 22 Jun 2022 17:42

Instrument :

MSVOA_N

ClientSampleId :

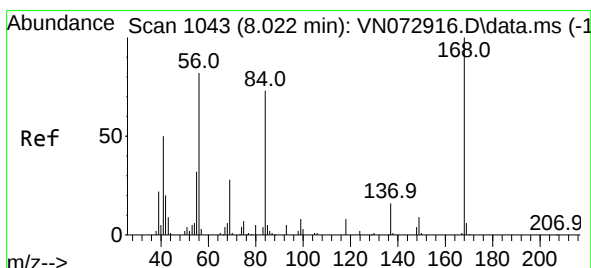
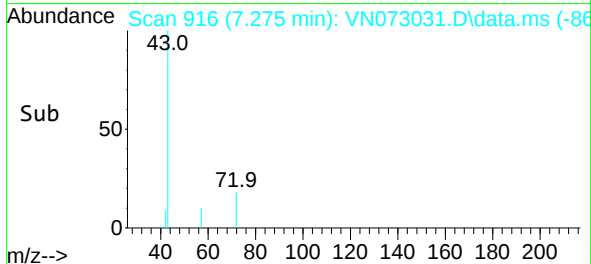
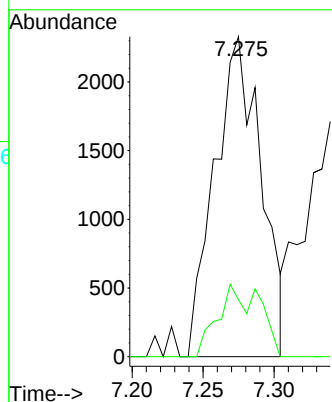
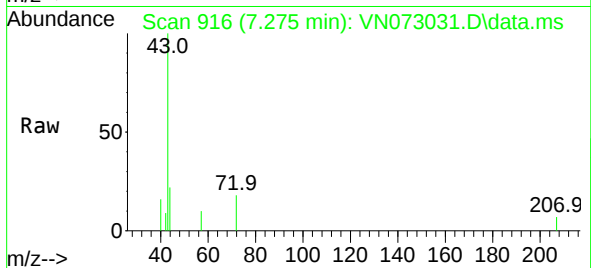
MW-7A

Tgt Ion: 43 Resp: 5306

Ion Ratio Lower Upper

43 100

72 17.9 23.7 35.5#



#31

Cyclohexane

Concen: 5.026 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VN073031.D

Acq: 22 Jun 2022 17:42

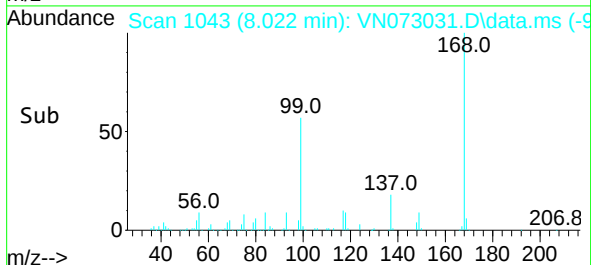
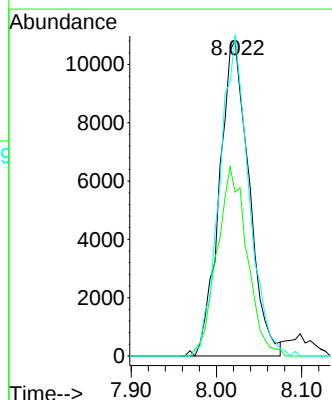
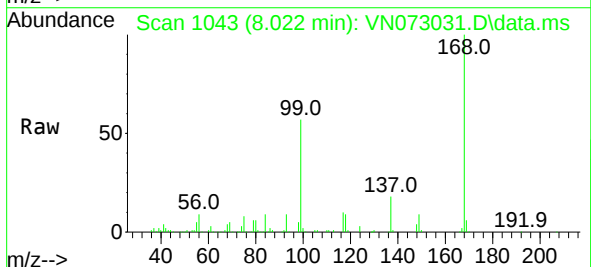
Tgt Ion: 56 Resp: 26178

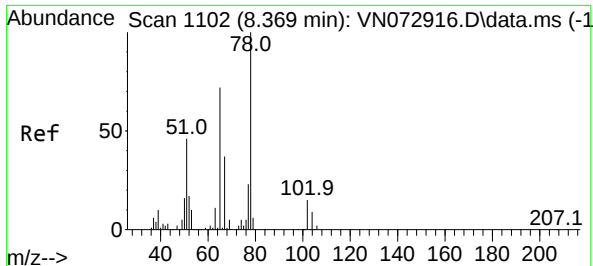
Ion Ratio Lower Upper

56 100

69 51.9 27.8 41.8#

84 101.5 76.9 115.3

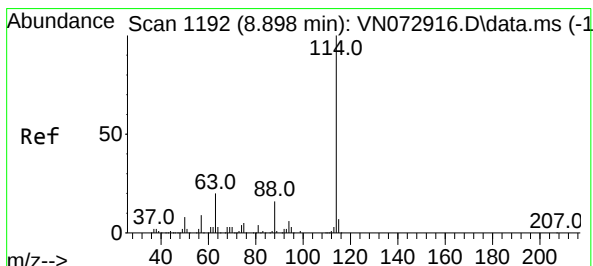
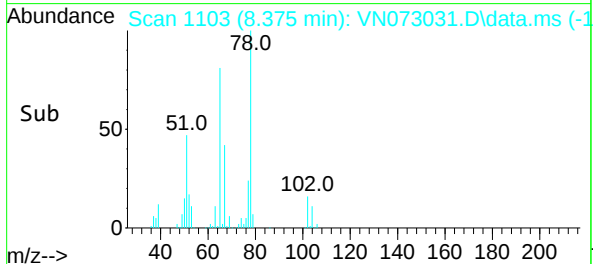
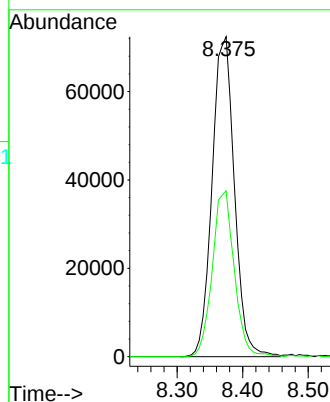
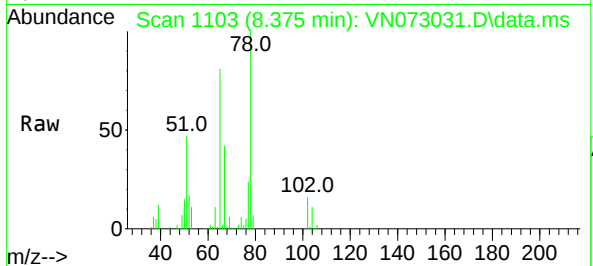




#33
1,2-Dichloroethane-d4
Concen: 44.448 ug/l
RT: 8.375 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VN073031.D
Acq: 22 Jun 2022 17:42

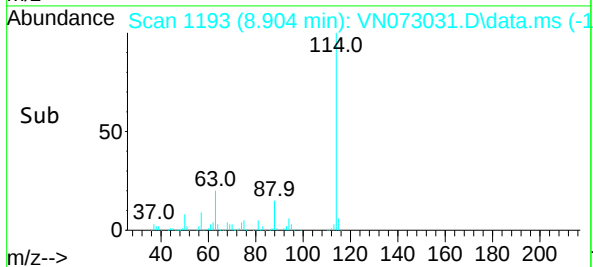
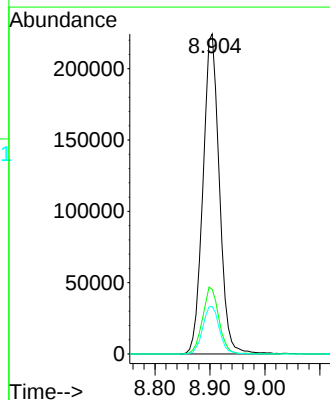
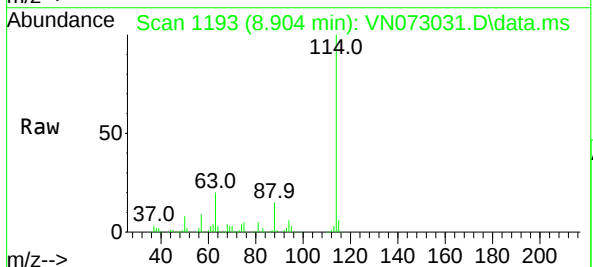
Instrument :
MSVOA_N
ClientSampleId :
MW-7A

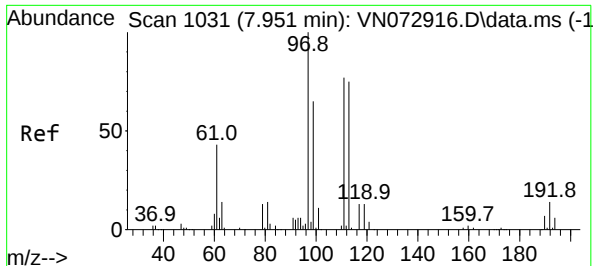
Tgt Ion: 65 Resp: 171138
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073031.D
Acq: 22 Jun 2022 17:42

Tgt Ion: 114 Resp: 464864
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.0
88 14.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.106 ug/l

RT: 7.951 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073031.D

Acq: 22 Jun 2022 17:42

Instrument :

MSVOA_N

ClientSampleId :

MW-7A

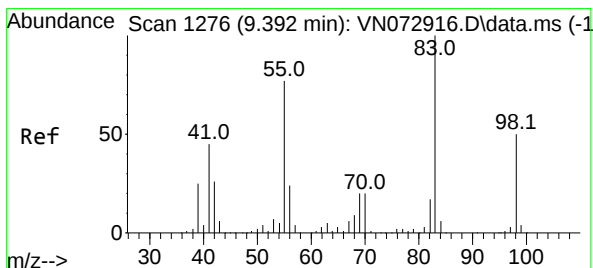
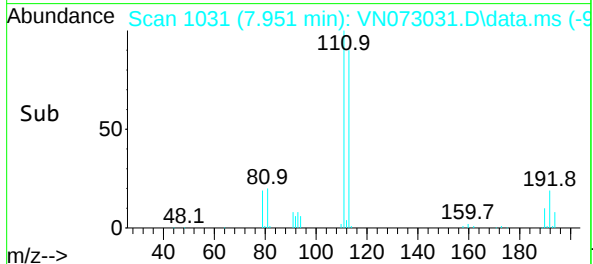
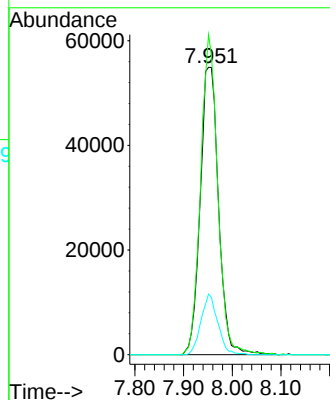
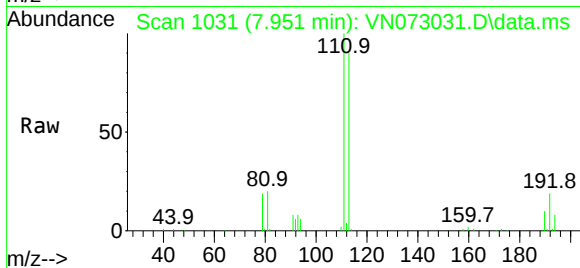
Tgt Ion:113 Resp: 143969

Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 19.2 17.0 25.6



#39

Methylcyclohexane

Concen: 0.571 ug/l

RT: 9.398 min Scan# 1277

Delta R.T. 0.006 min

Lab File: VN073031.D

Acq: 22 Jun 2022 17:42

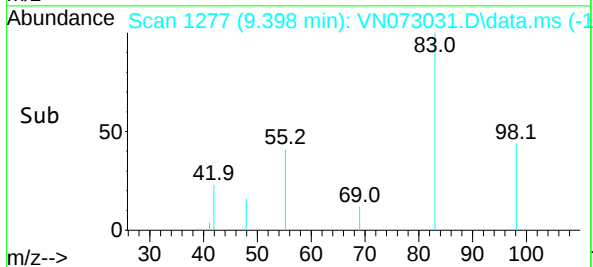
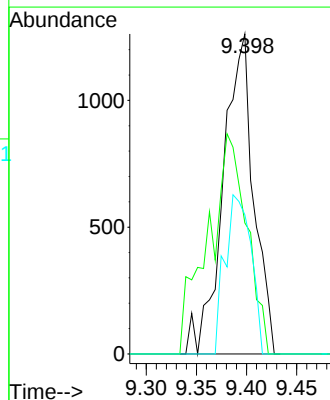
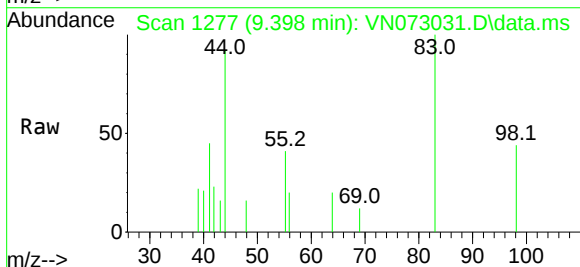
Tgt Ion: 83 Resp: 2677

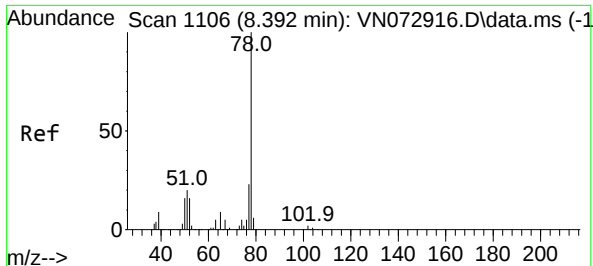
Ion Ratio Lower Upper

83 100

55 41.0 57.8 86.8#

98 43.5 39.4 59.2

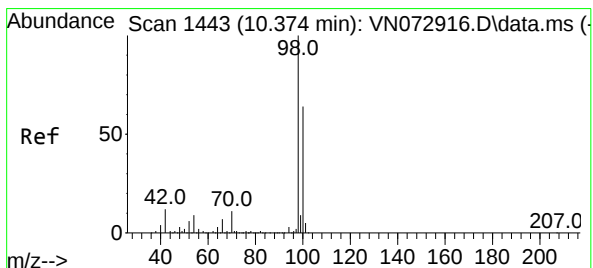
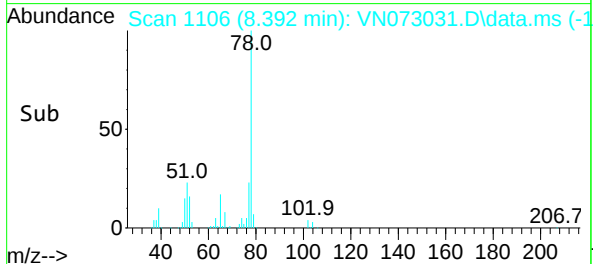
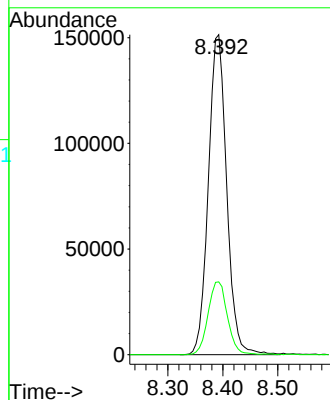
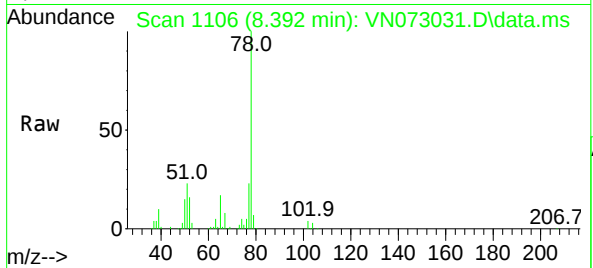




#40
Benzene
Concen: 28.669 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073031.D
Acq: 22 Jun 2022 17:42

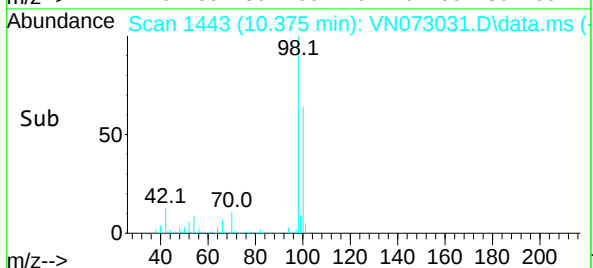
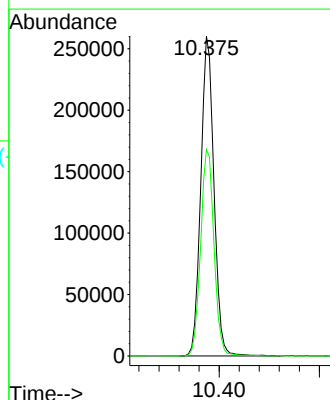
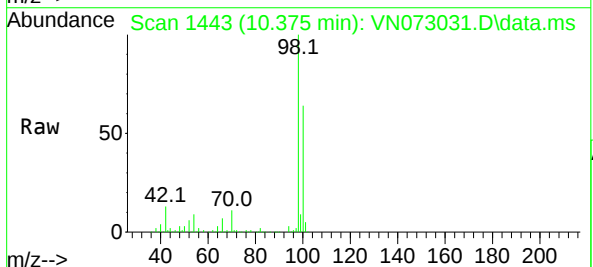
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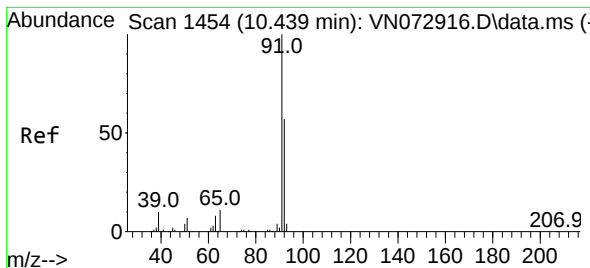
Tgt Ion: 78 Resp: 350292
Ion Ratio Lower Upper
78 100
77 22.7 19.4 29.0



#50
Toluene-d8
Concen: 44.313 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073031.D
Acq: 22 Jun 2022 17:42

Tgt Ion: 98 Resp: 473777
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8





#52

Toluene

Concen: 1.548 ug/l

RT: 10.445 min Scan# 1455

Delta R.T. 0.006 min

Lab File: VN073031.D

Acq: 22 Jun 2022 17:42

Instrument :

MSVOA_N

ClientSampleId :

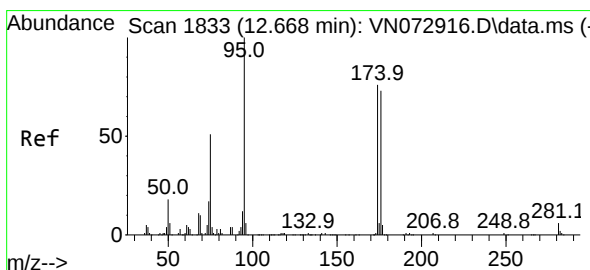
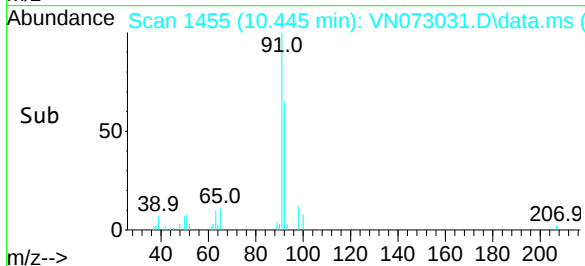
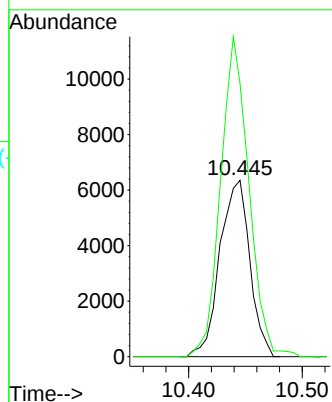
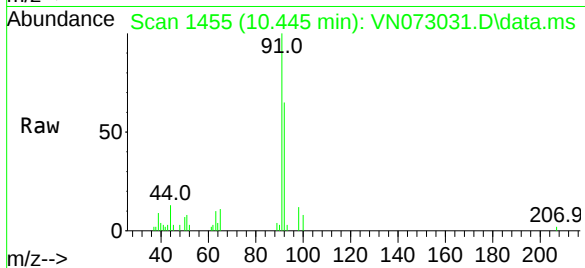
MW-7A

Tgt Ion: 92 Resp: 11609

Ion Ratio Lower Upper

92 100

91 171.2 138.6 207.8



#62

4-Bromofluorobenzene

Concen: 52.342 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. 0.000 min

Lab File: VN073031.D

Acq: 22 Jun 2022 17:42

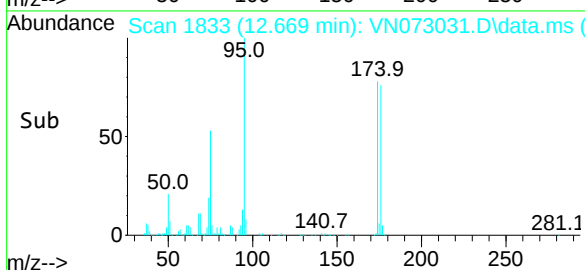
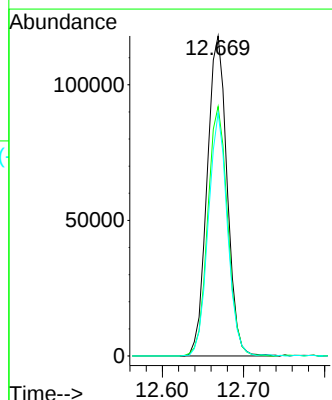
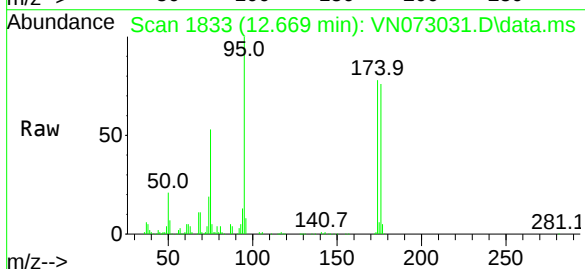
Tgt Ion: 95 Resp: 201231

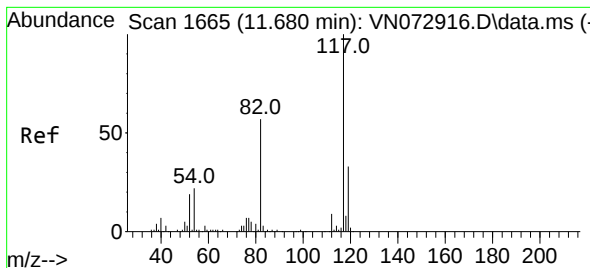
Ion Ratio Lower Upper

95 100

174 77.6 0.0 167.6

176 72.9 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073031.D

Acq: 22 Jun 2022 17:42

Instrument :

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MW-7A

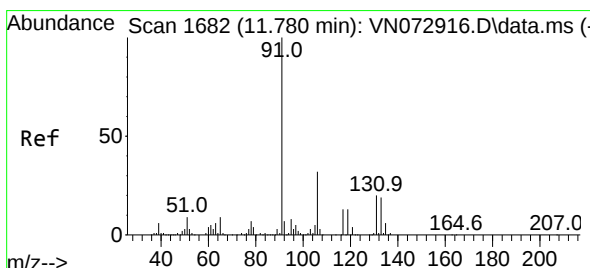
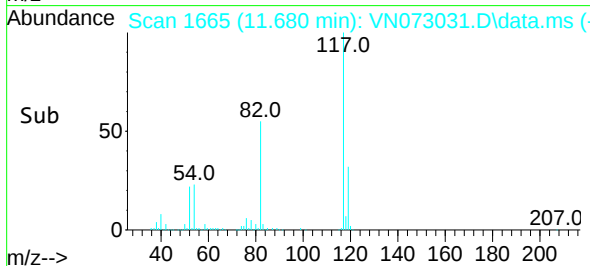
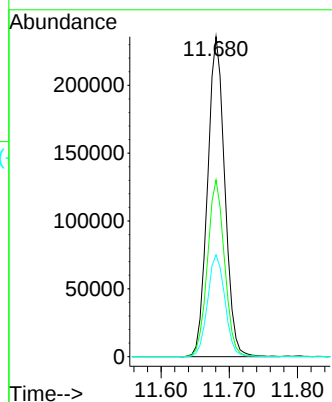
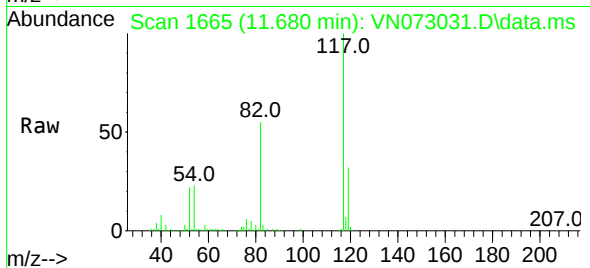
Tgt Ion:117 Resp: 414474

Ion Ratio Lower Upper

117 100

82 55.3 44.2 66.2

119 31.8 25.4 38.0



#67

Ethyl Benzene

Concen: 0.231 ug/l

RT: 11.780 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VN073031.D

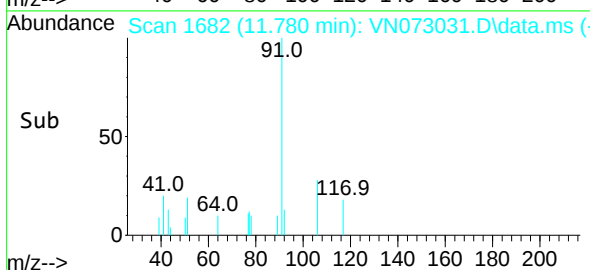
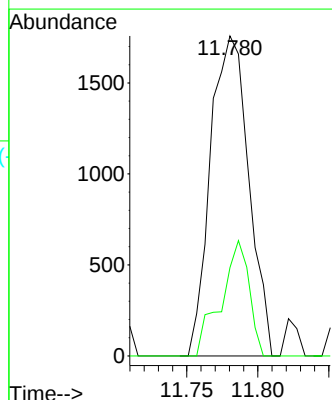
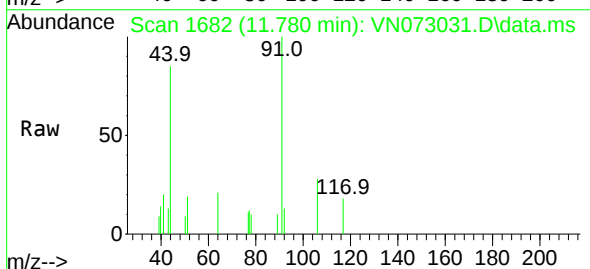
Acq: 22 Jun 2022 17:42

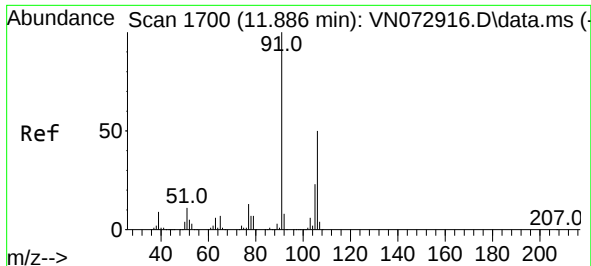
Tgt Ion: 91 Resp: 3294

Ion Ratio Lower Upper

91 100

106 27.6 24.9 37.3

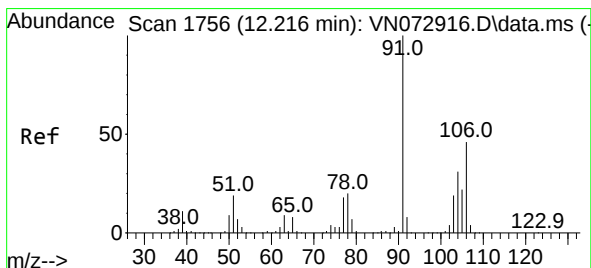
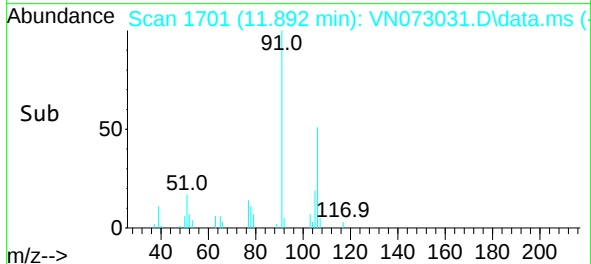
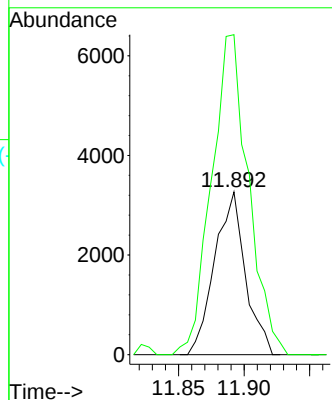
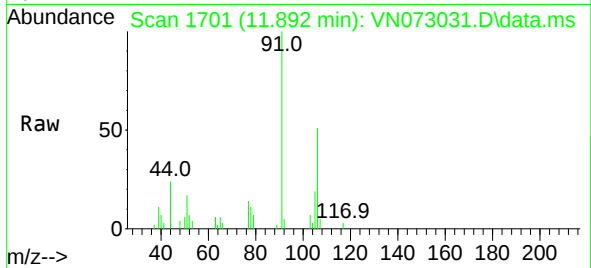




#68
m/p-Xylenes
Concen: 0.952 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN073031.D
Acq: 22 Jun 2022 17:42

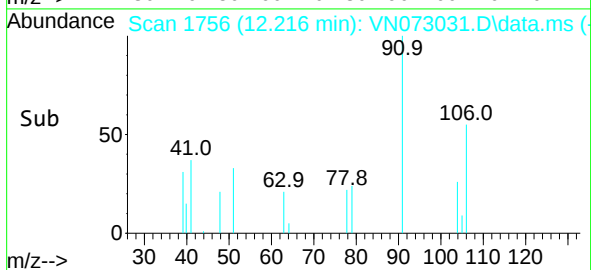
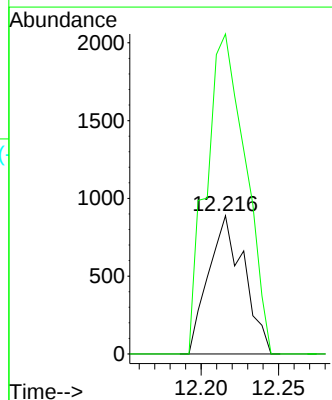
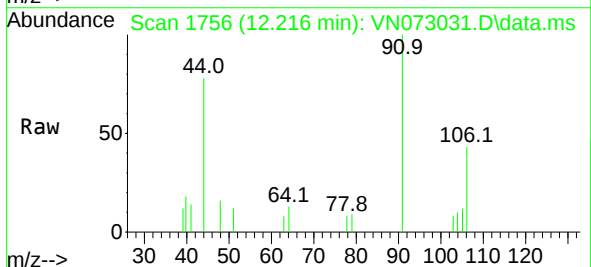
Instrument :
MSVOA_N
ClientSampleId :
MW-7A

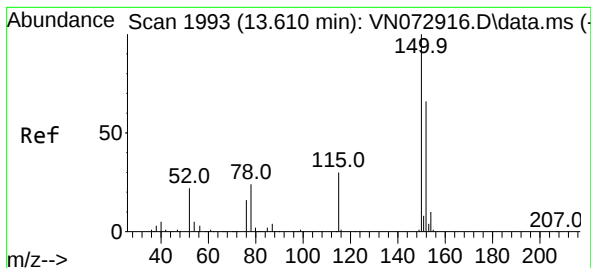
Tgt Ion:106 Resp: 5322
Ion Ratio Lower Upper
106 100
91 236.5 158.9 238.3



#69
o-Xylene
Concen: 0.254 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073031.D
Acq: 22 Jun 2022 17:42

Tgt Ion:106 Resp: 1416
Ion Ratio Lower Upper
106 100
91 256.1 106.0 318.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VN073031.D

Acq: 22 Jun 2022 17:42

Instrument :

MSVOA_N

ClientSampleId :

MW-7A

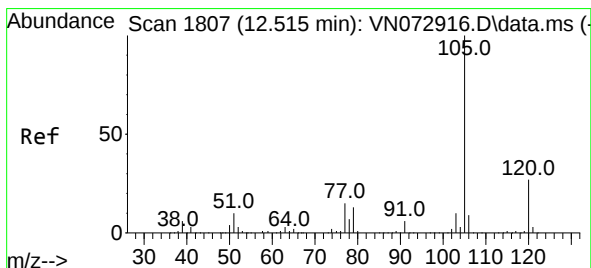
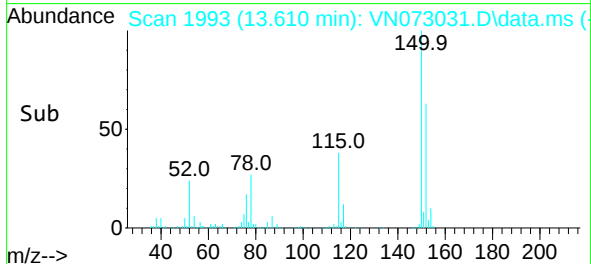
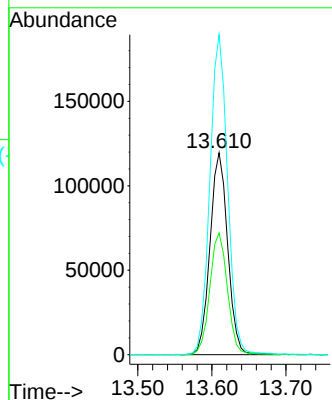
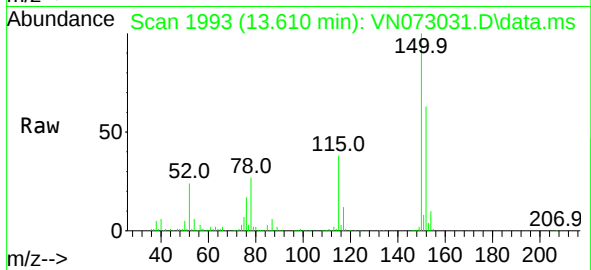
Tgt Ion:152 Resp: 198406

Ion Ratio Lower Upper

152 100

115 60.0 28.9 86.7

150 158.8 0.0 356.2



#73

Isopropylbenzene

Concen: 0.546 ug/l

RT: 12.516 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN073031.D

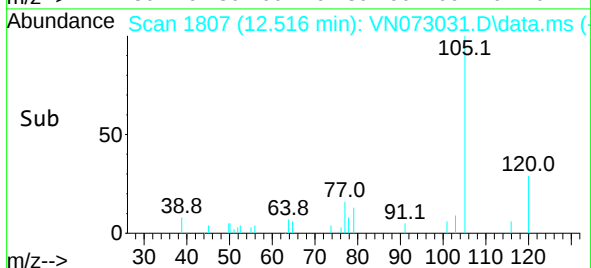
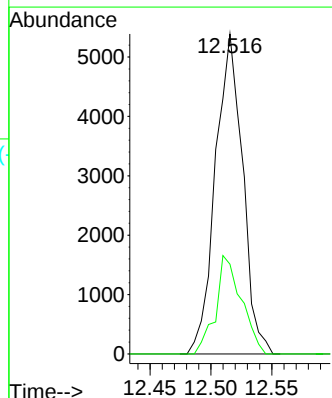
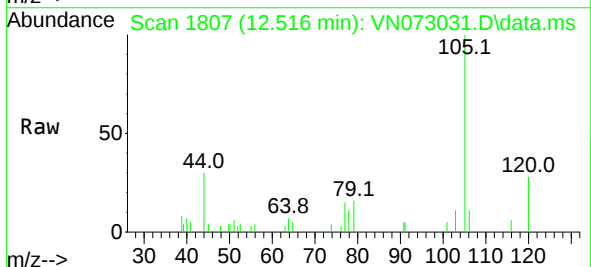
Acq: 22 Jun 2022 17:42

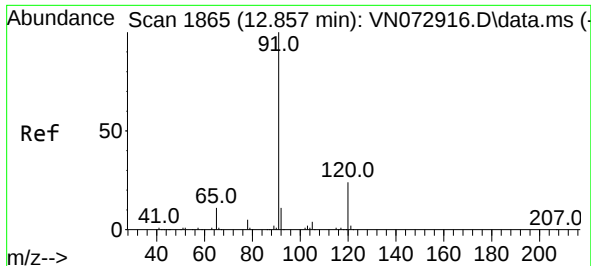
Tgt Ion:105 Resp: 8376

Ion Ratio Lower Upper

105 100

120 29.0 13.5 40.4

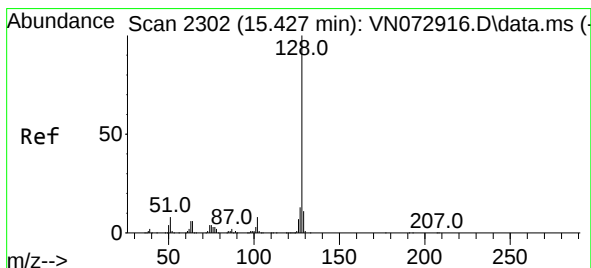
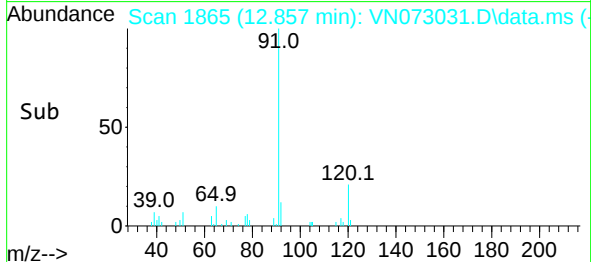
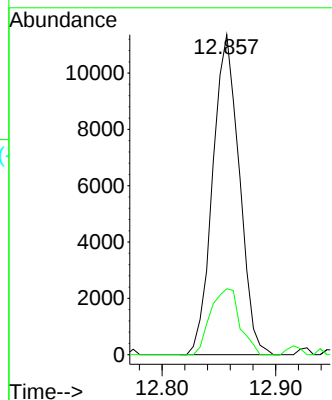
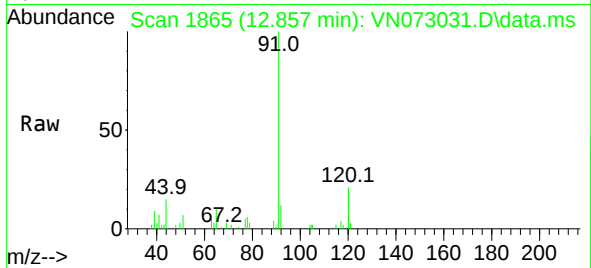




#78
n-propylbenzene
Concen: 1.096 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073031.D
Acq: 22 Jun 2022 17:42

Instrument :
MSVOA_N
ClientSampleId :
MW-7A

Tgt Ion: 91 Resp: 18502
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.5



#95
Naphthalene
Concen: 0.359 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073031.D
Acq: 22 Jun 2022 17:42

Tgt Ion: 128 Resp: 5497
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 8.5 8.6 13.0#

