

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN073005.D
 Acq On : 22 Jun 2022 05:41
 Operator : JC\MD
 Sample : N3381-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-34

Quant Time: Jun 22 07:04:55 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)

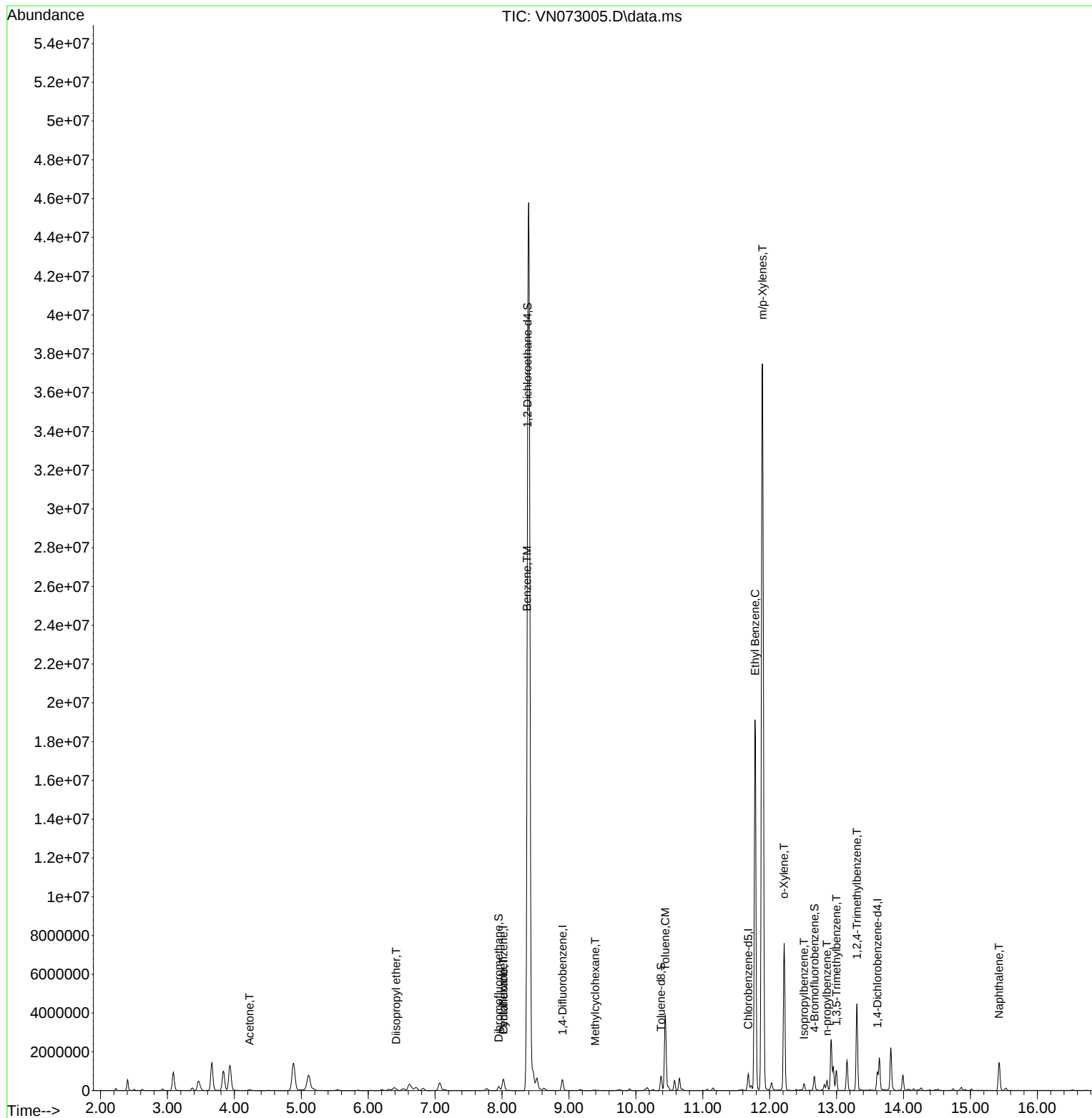
Internal Standards						
1) Pentafluorobenzene	8.022	168	309311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	478111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	457461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	243262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.381	65	161623	38.649	ug/l	0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	77.300%		
35) Dibromofluoromethane	7.951	113	154669	52.339	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.680%		
50) Toluene-d8	10.375	98	509403	46.325	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.660%		
62) 4-Bromofluorobenzene	12.669	95	238771	60.386	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	120.780%		
Target Compounds						
						Qvalue
16) Acetone	4.228	43	84201	36.630	ug/l	94
22) Diisopropyl ether	6.416	45	61999	5.256	ug/l #	88
31) Cyclohexane	8.022	56	122361	21.631	ug/l	93
39) Methylcyclohexane	9.392	83	10687	2.217	ug/l	90
40) Benzene	8.375	78	33818478m	2691.088	ug/l	
52) Toluene	10.439	92	1694789	219.664	ug/l	99
67) Ethyl Benzene	11.780	91	14034907	892.407	ug/l	98
68) m/p-Xylenes	11.892	106	12958504	2100.793	ug/l	84
69) o-Xylene	12.216	106	2038725	330.763	ug/l	95
73) Isopropylbenzene	12.516	105	218938	11.634	ug/l	99
78) n-propylbenzene	12.857	91	377290	18.226	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	552629	35.749	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	2517549	163.509	ug/l	97
95) Naphthalene	15.427	128	1316789	70.070	ug/l	100

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

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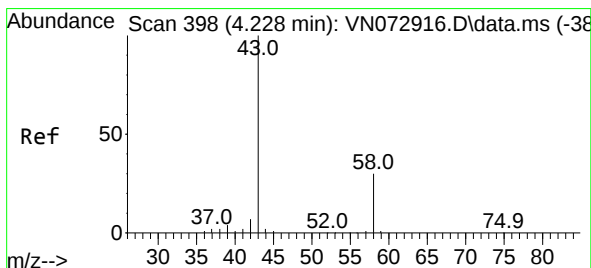
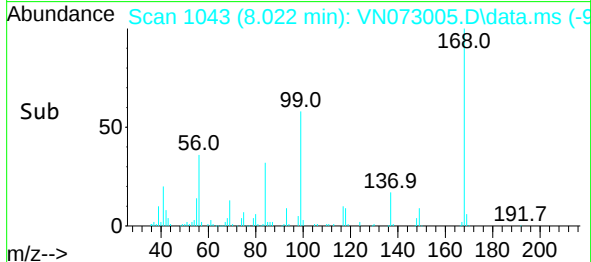
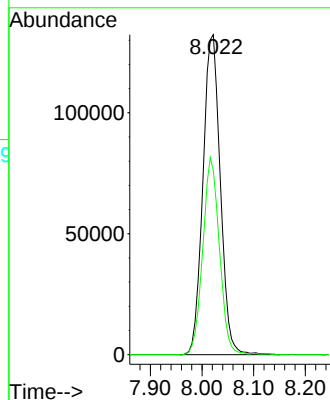
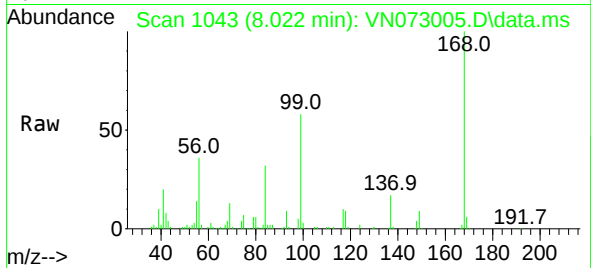




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

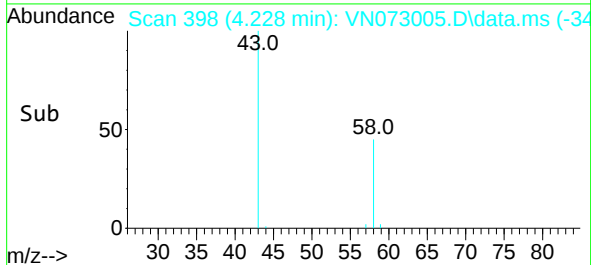
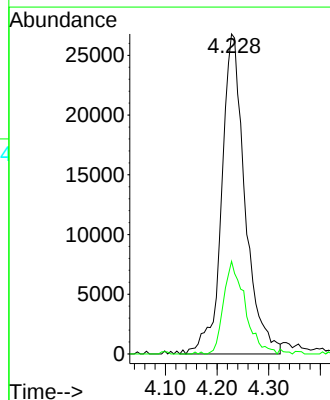
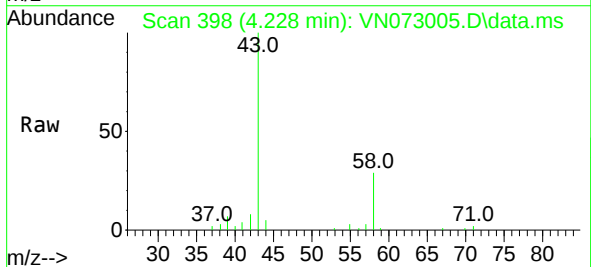
Instrument :
MSVOA_N
ClientSampleId :
MW-34

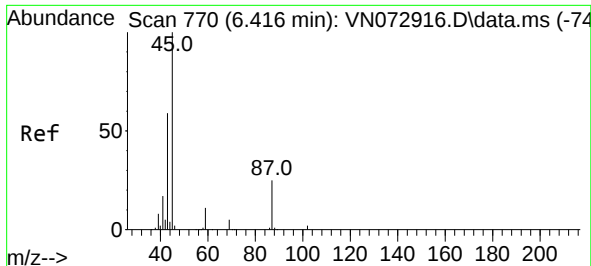
Tgt Ion:168 Resp: 309311
Ion Ratio Lower Upper
168 100
99 57.6 42.3 63.5



#16
Acetone
Concen: 36.630 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

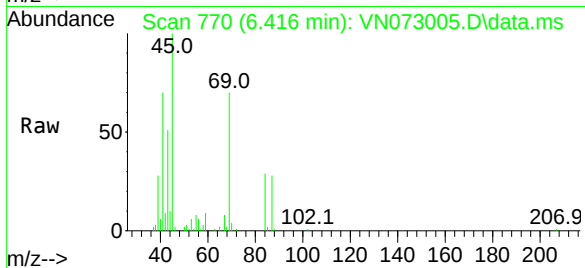
Tgt Ion: 43 Resp: 84201
Ion Ratio Lower Upper
43 100
58 28.9 26.0 39.0



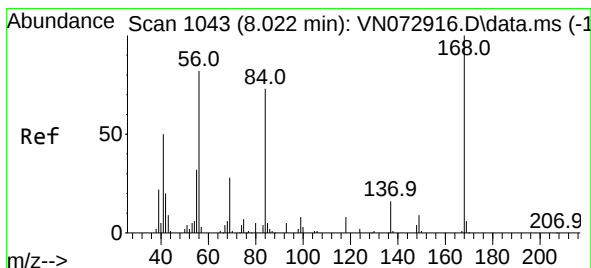
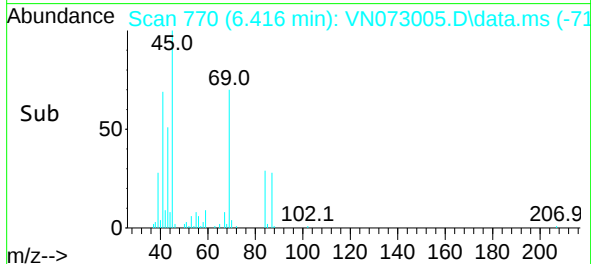
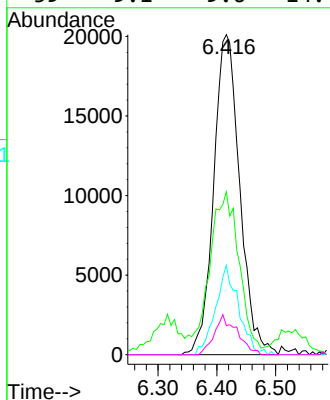


#22
Diisopropyl ether
Concen: 5.256 ug/l
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Instrument :
MSVOA_N
ClientSampleId :
MW-34

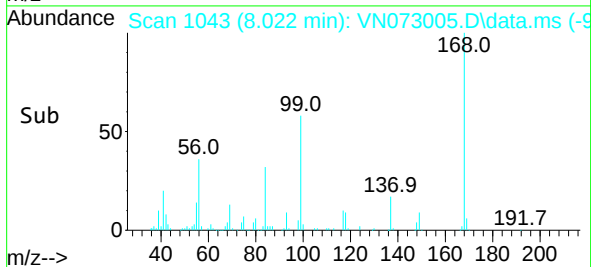
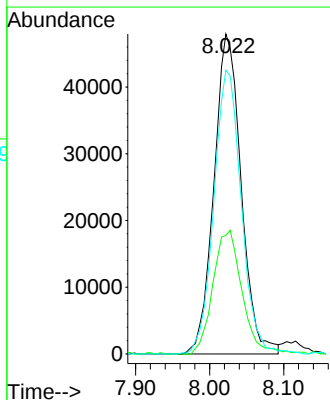
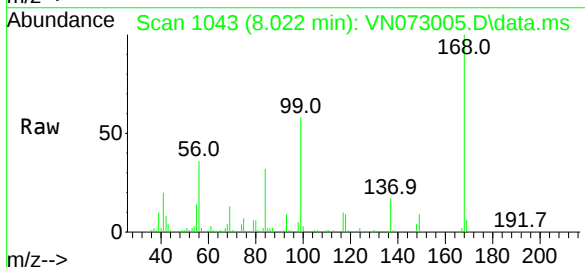


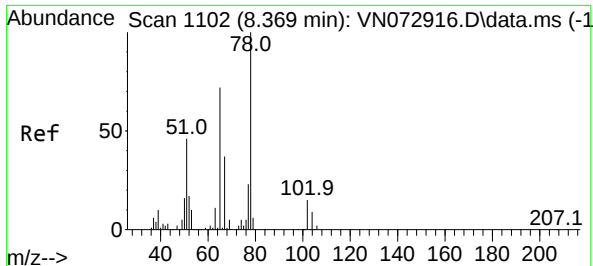
Tgt Ion: 45 Resp: 61999
Ion Ratio Lower Upper
45 100
43 46.2 46.6 70.0#
87 27.9 24.3 36.5
59 9.1 9.6 14.4#



#31
Cyclohexane
Concen: 21.631 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Tgt Ion: 56 Resp: 122361
Ion Ratio Lower Upper
56 100
69 37.1 27.8 41.8
84 88.7 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 38.649 ug/l

RT: 8.381 min Scan# 1104

Delta R.T. 0.012 min

Lab File: VN073005.D

Acq: 22 Jun 2022 05:41

Instrument :

MSVOA_N

ClientSampleId :

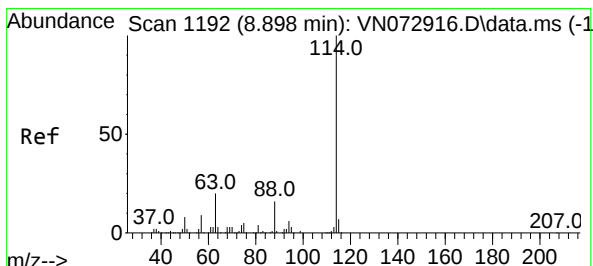
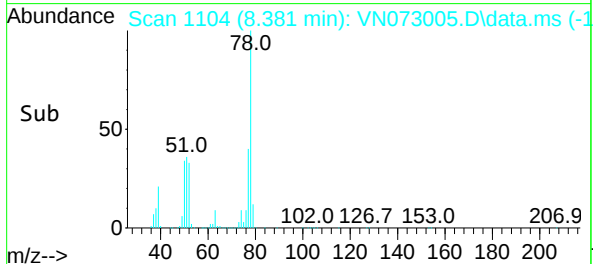
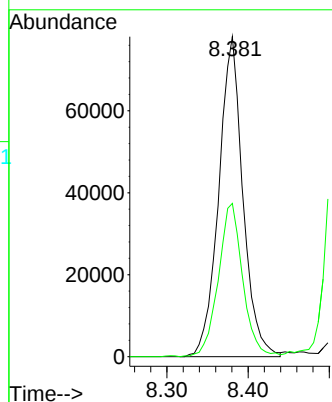
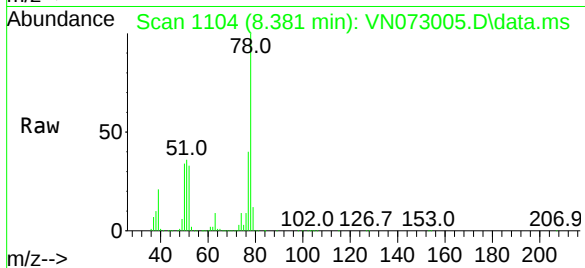
MW-34

Tgt Ion: 65 Resp: 161623

Ion Ratio Lower Upper

65 100

67 48.3 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: VN073005.D

Acq: 22 Jun 2022 05:41

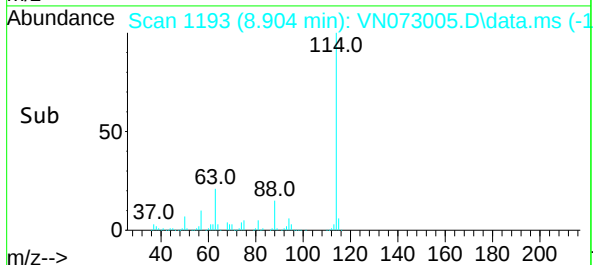
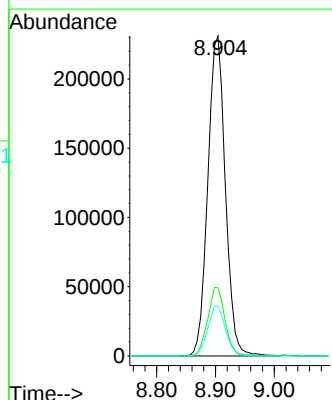
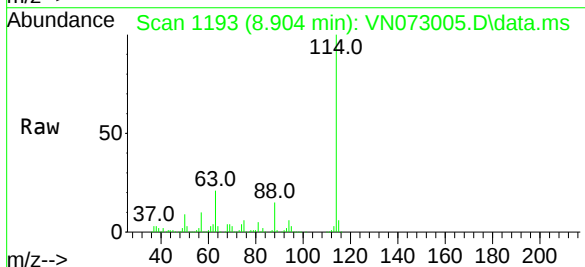
Tgt Ion: 114 Resp: 478111

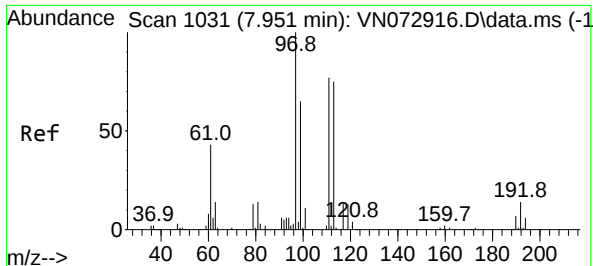
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.339 ug/l

RT: 7.951 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073005.D

Acq: 22 Jun 2022 05:41

Instrument :

MSVOA_N

ClientSampleId :

MW-34

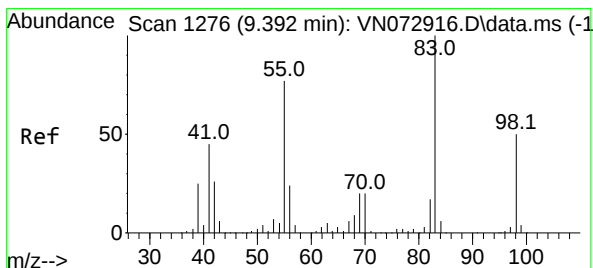
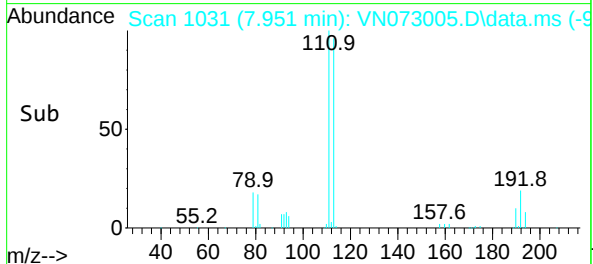
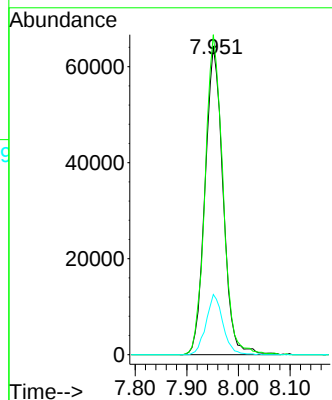
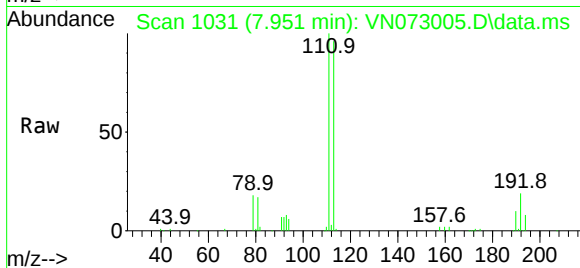
Tgt Ion:113 Resp: 154669

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 18.5 17.0 25.6



#39

Methylcyclohexane

Concen: 2.217 ug/l

RT: 9.392 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VN073005.D

Acq: 22 Jun 2022 05:41

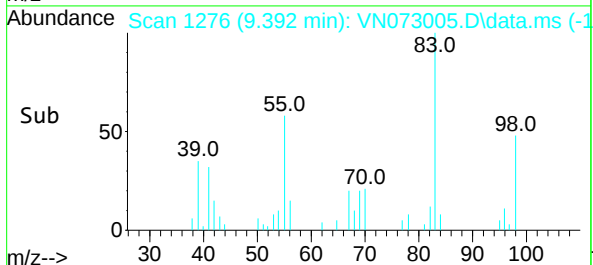
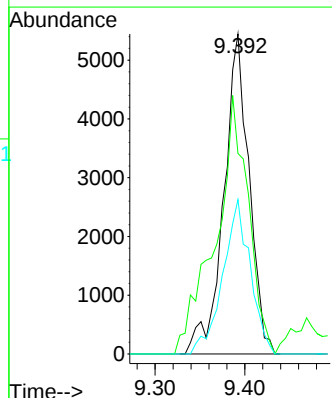
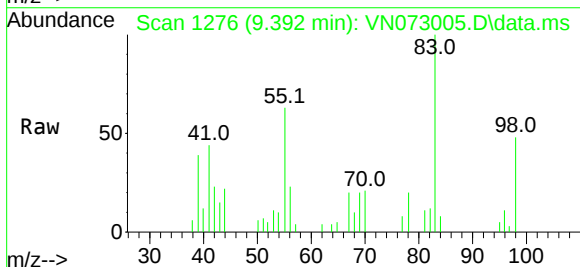
Tgt Ion: 83 Resp: 10687

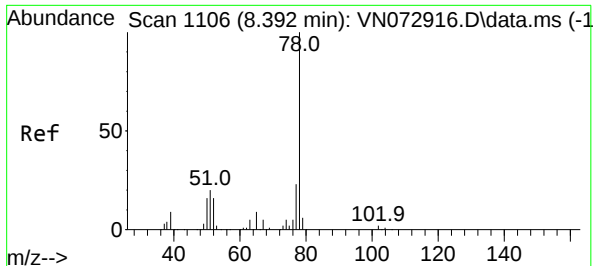
Ion Ratio Lower Upper

83 100

55 59.5 57.8 86.8

98 48.3 39.4 59.2

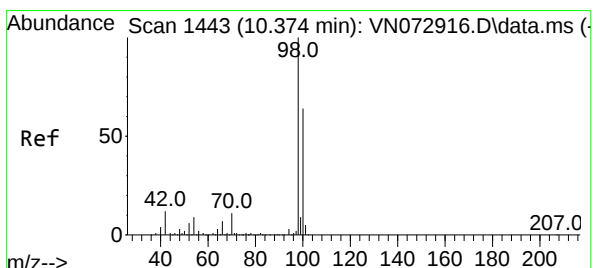
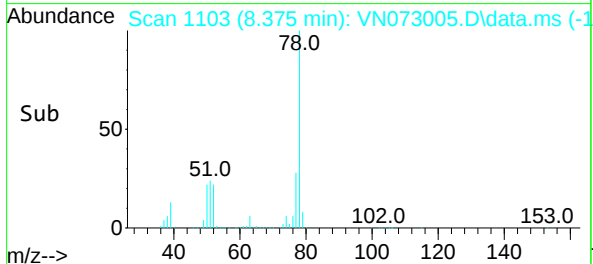
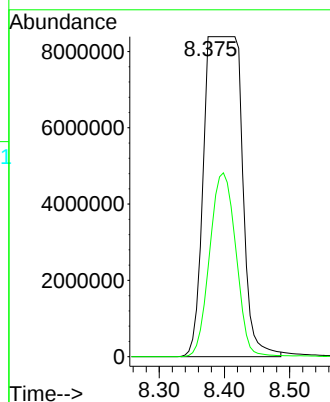
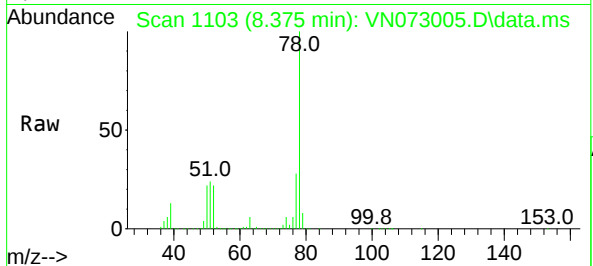




#40
Benzene
Concen: 2691.088 ug/l m
RT: 8.375 min Scan# 1106
Delta R.T. -0.017 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

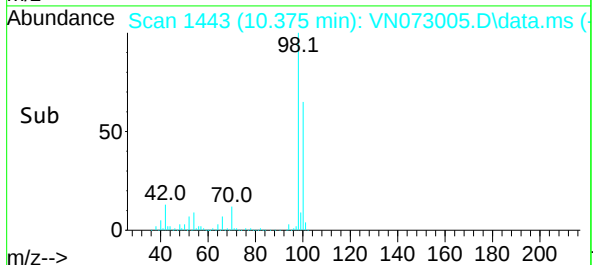
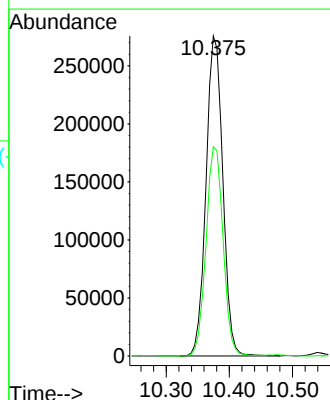
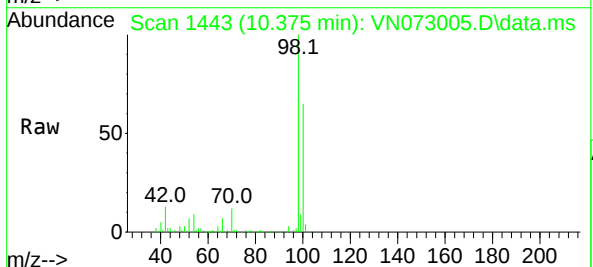
Instrument :
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MW-34

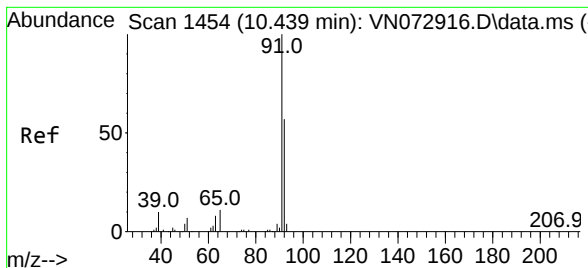
Tgt Ion: 78 Resp:33818478
Ion Ratio Lower Upper
78 100
77 27.6 19.4 29.0



#50
Toluene-d8
Concen: 46.325 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Tgt Ion: 98 Resp: 509403
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8





#52

Toluene

Concen: 219.664 ug/l

RT: 10.439 min Scan# 1454

Delta R.T. 0.000 min

Lab File: VN073005.D

Acq: 22 Jun 2022 05:41

Instrument :

MSVOA_N

ClientSampleId :

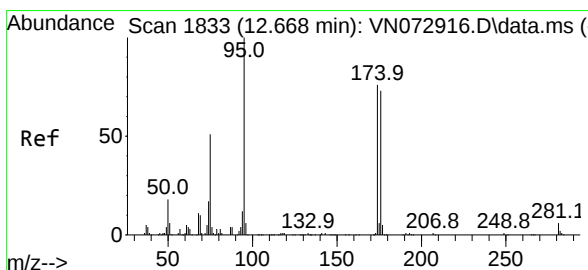
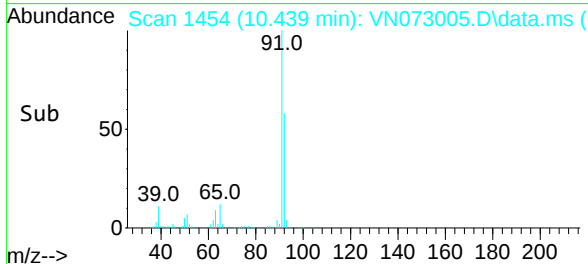
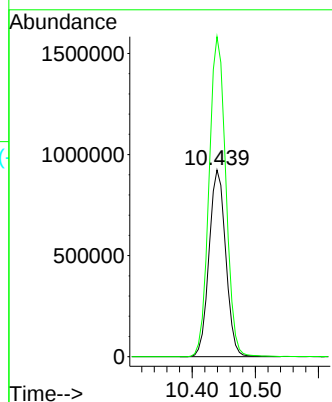
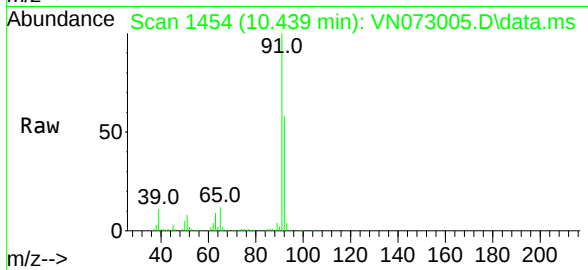
MW-34

Tgt Ion: 92 Resp: 1694789

Ion Ratio Lower Upper

92 100

91 172.3 138.6 207.8



#62

4-Bromofluorobenzene

Concen: 60.386 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. 0.000 min

Lab File: VN073005.D

Acq: 22 Jun 2022 05:41

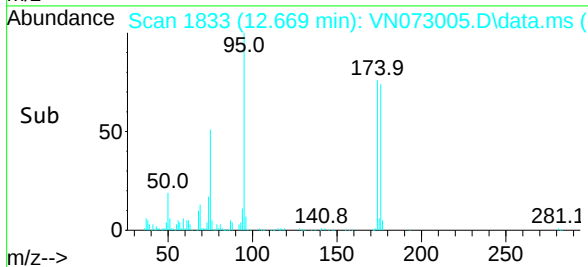
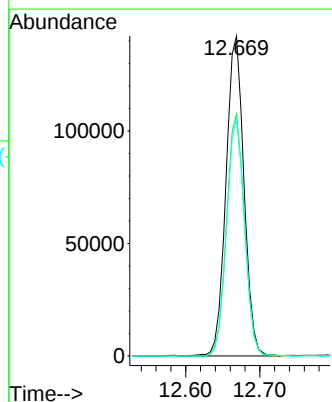
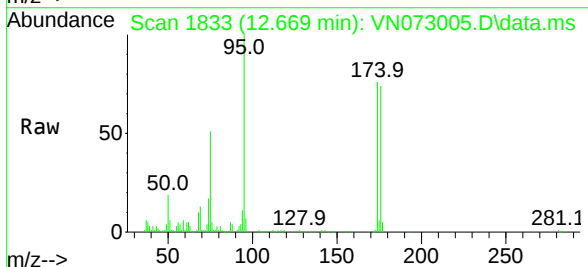
Tgt Ion: 95 Resp: 238771

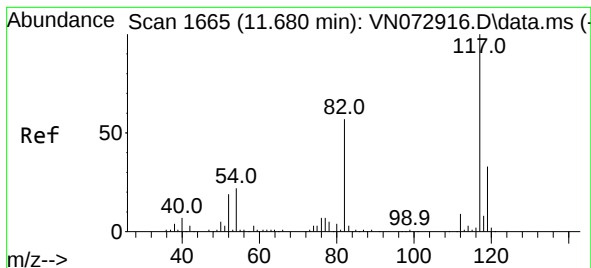
Ion Ratio Lower Upper

95 100

174 75.9 0.0 167.6

176 73.7 0.0 163.4

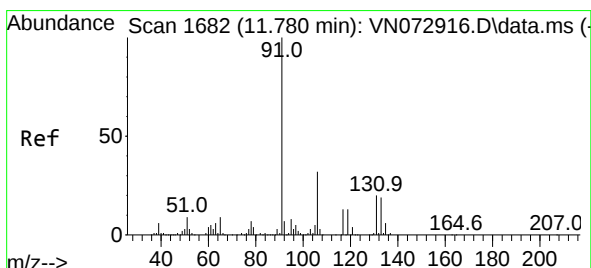
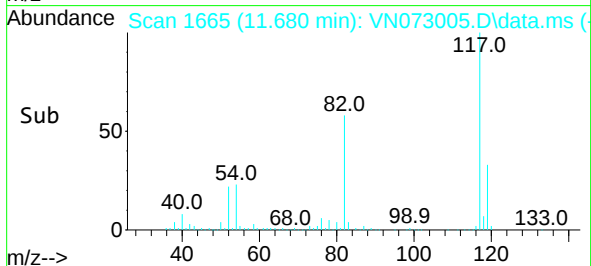
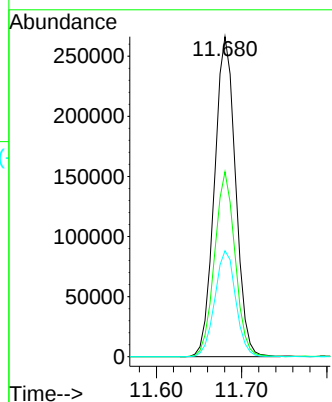
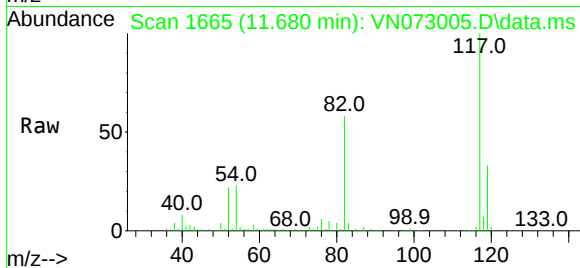




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

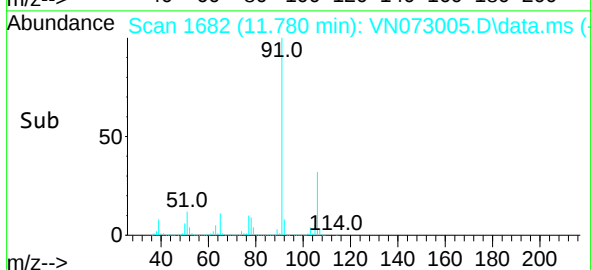
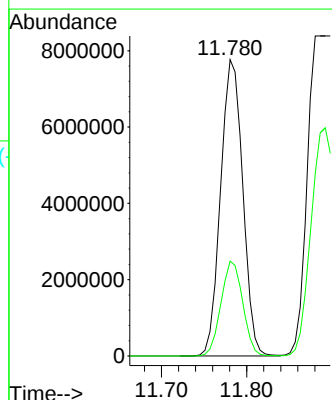
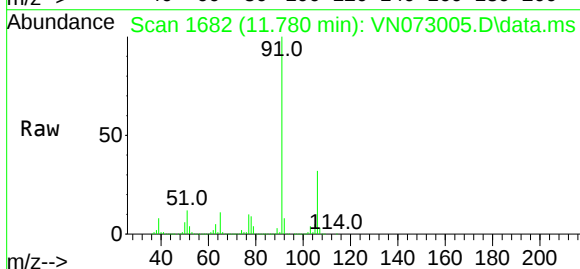
Instrument :
MSVOA_N
ClientSampleId :
MW-34

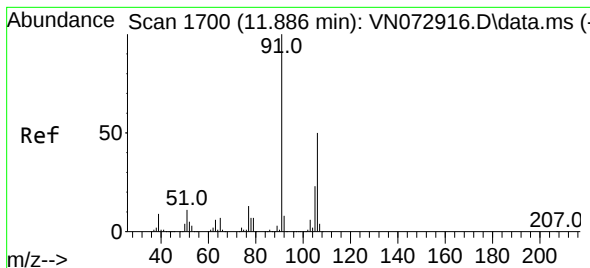
Tgt Ion:117 Resp: 457461
Ion Ratio Lower Upper
117 100
82 57.8 44.2 66.2
119 33.1 25.4 38.0



#67
Ethyl Benzene
Concen: 892.407 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Tgt Ion: 91 Resp:14034907
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

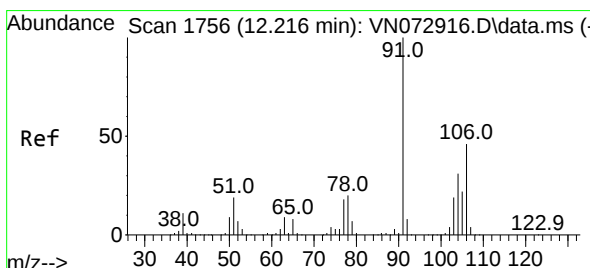
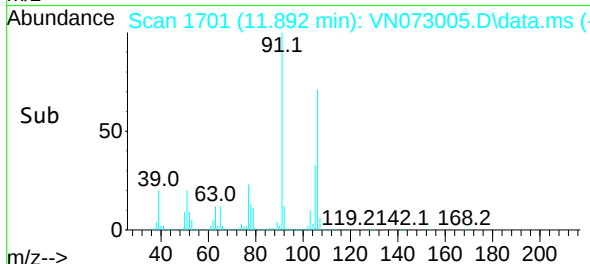
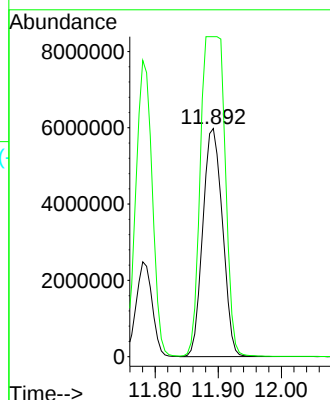
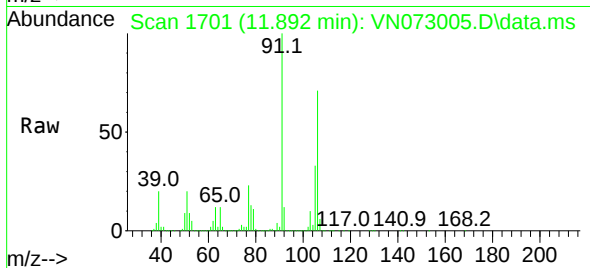




#68
m/p-Xylenes
Concen: 2100.793 ug/l
RT: 11.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

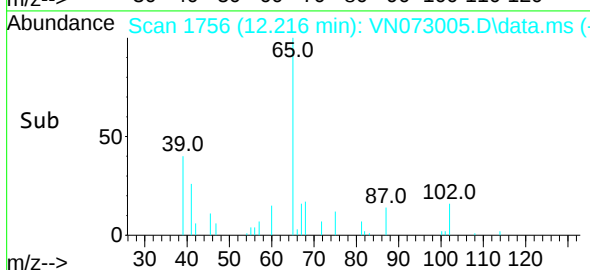
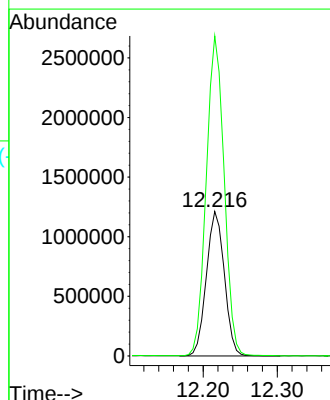
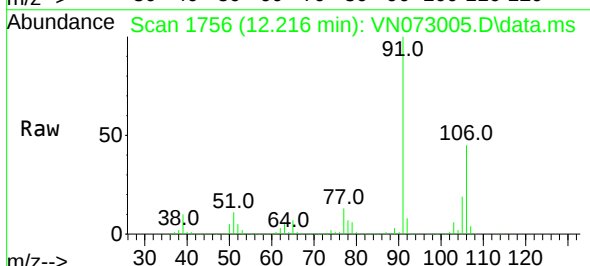
Instrument :
MSVOA_N
ClientSampleId :
MW-34

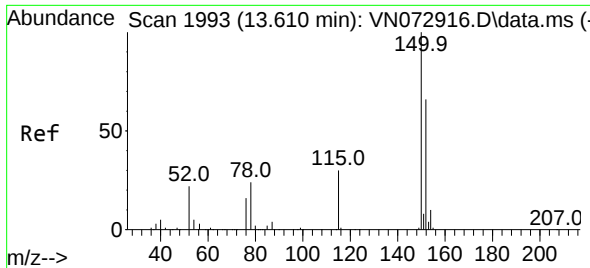
Tgt Ion:106 Resp:12958504
Ion Ratio Lower Upper
106 100
91 174.5 158.9 238.3



#69
o-Xylene
Concen: 330.763 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Tgt Ion:106 Resp: 2038725
Ion Ratio Lower Upper
106 100
91 220.1 106.0 318.0

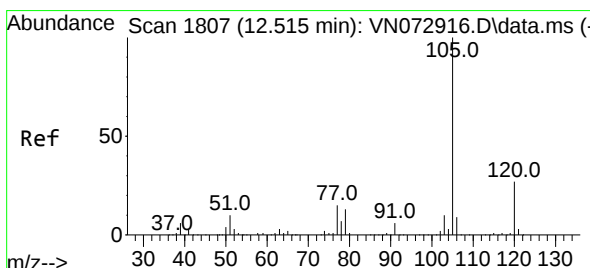
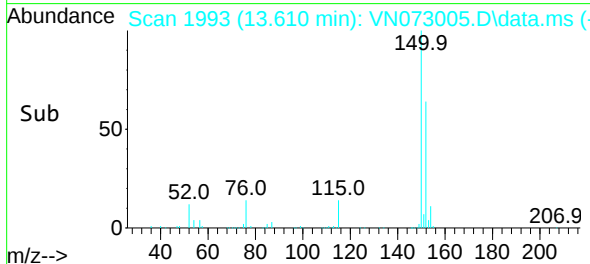
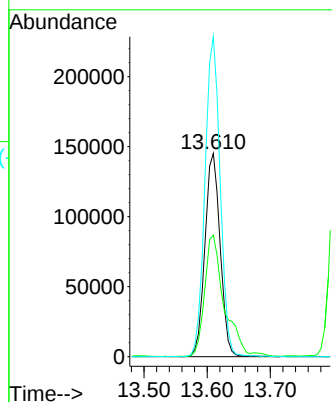
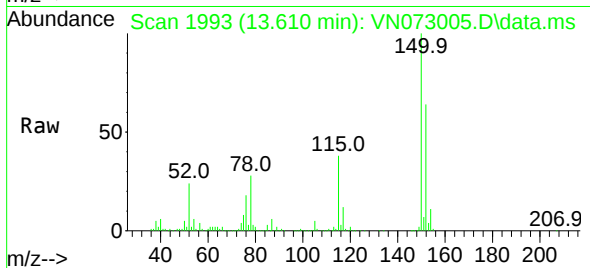




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

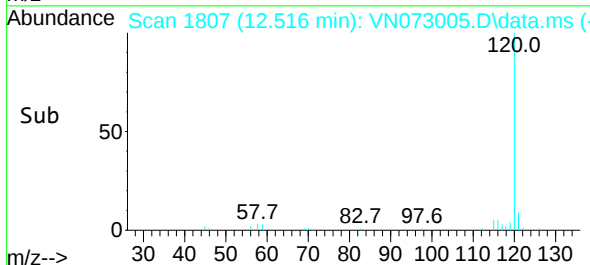
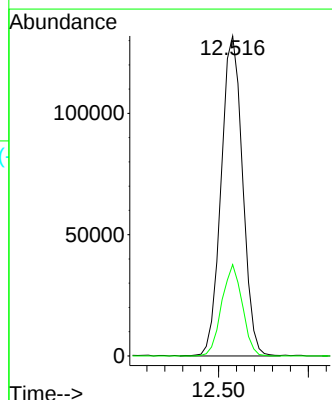
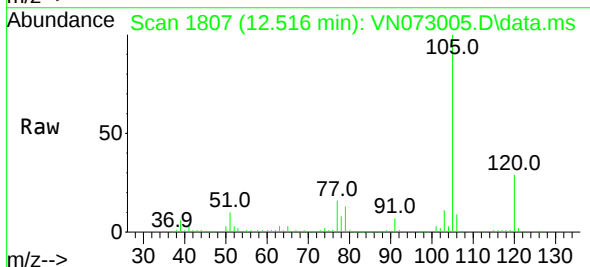
Instrument :
MSVOA_N
ClientSampleId :
MW-34

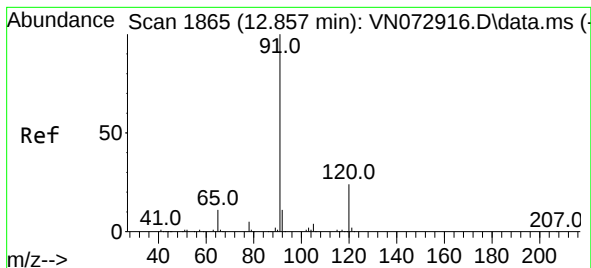
Tgt Ion:152 Resp: 243262
Ion Ratio Lower Upper
152 100
115 76.4 28.9 86.7
150 157.1 0.0 356.2



#73
Isopropylbenzene
Concen: 11.634 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Tgt Ion:105 Resp: 218938
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.4





#78

n-propylbenzene

Concen: 18.226 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. 0.000 min

Lab File: VN073005.D

Acq: 22 Jun 2022 05:41

Instrument :

MSVOA_N

ClientSampleId :

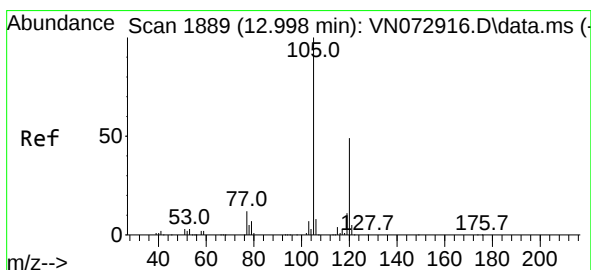
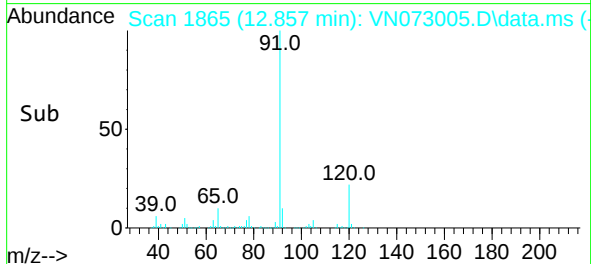
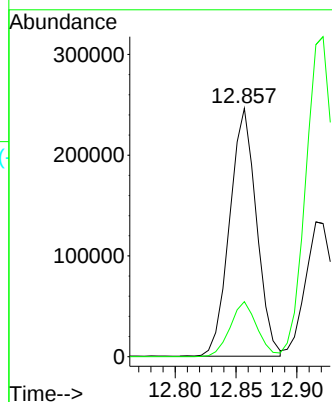
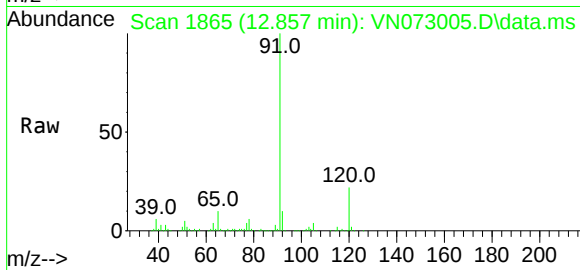
MW-34

Tgt Ion: 91 Resp: 377290

Ion Ratio Lower Upper

91 100

120 22.3 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 35.749 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN073005.D

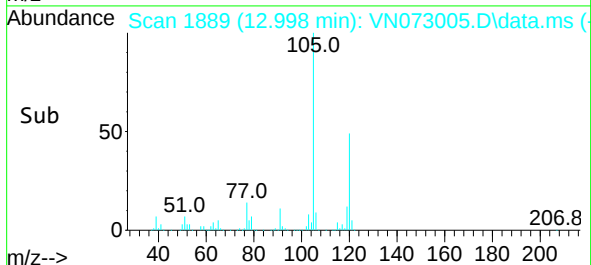
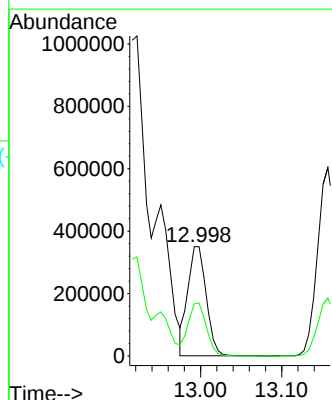
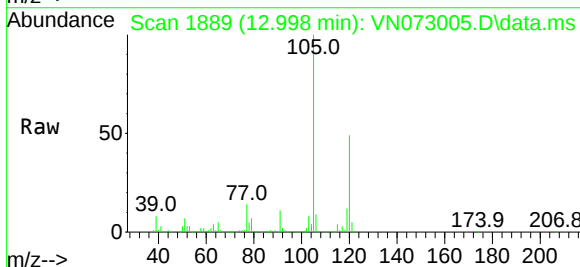
Acq: 22 Jun 2022 05:41

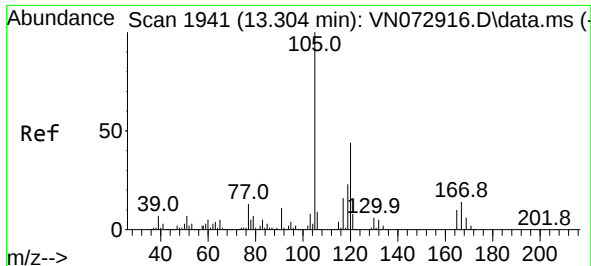
Tgt Ion: 105 Resp: 552629

Ion Ratio Lower Upper

105 100

120 48.3 24.9 74.7

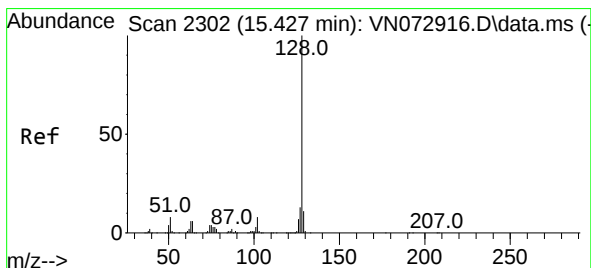
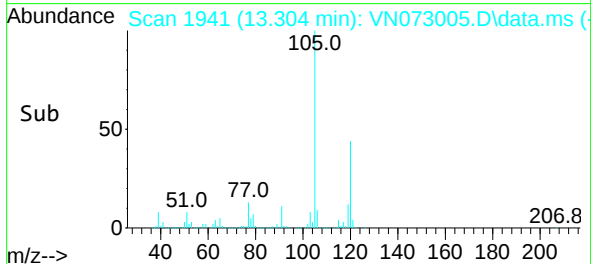
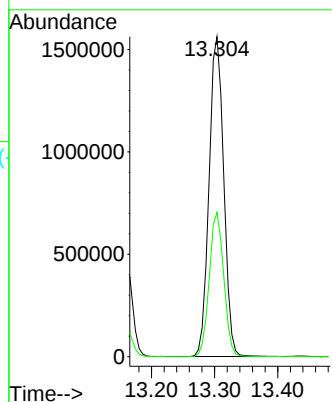
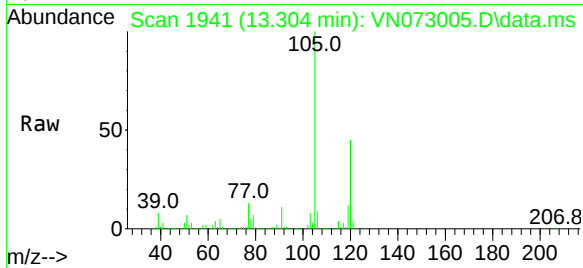




#84
1,2,4-Trimethylbenzene
Concen: 163.509 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Instrument :
MSVOA_N
ClientSampleId :
MW-34

Tgt Ion:105 Resp: 2517549
Ion Ratio Lower Upper
105 100
120 44.5 23.3 69.8



#95
Naphthalene
Concen: 70.070 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Tgt Ion:128 Resp: 1316789
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0

