

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062222\
 Data File : VN073027.D
 Acq On : 22 Jun 2022 16:05
 Operator : JC\MD
 Sample : N3381-15DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-34DL

Quant Time: Jun 23 07:32:24 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)

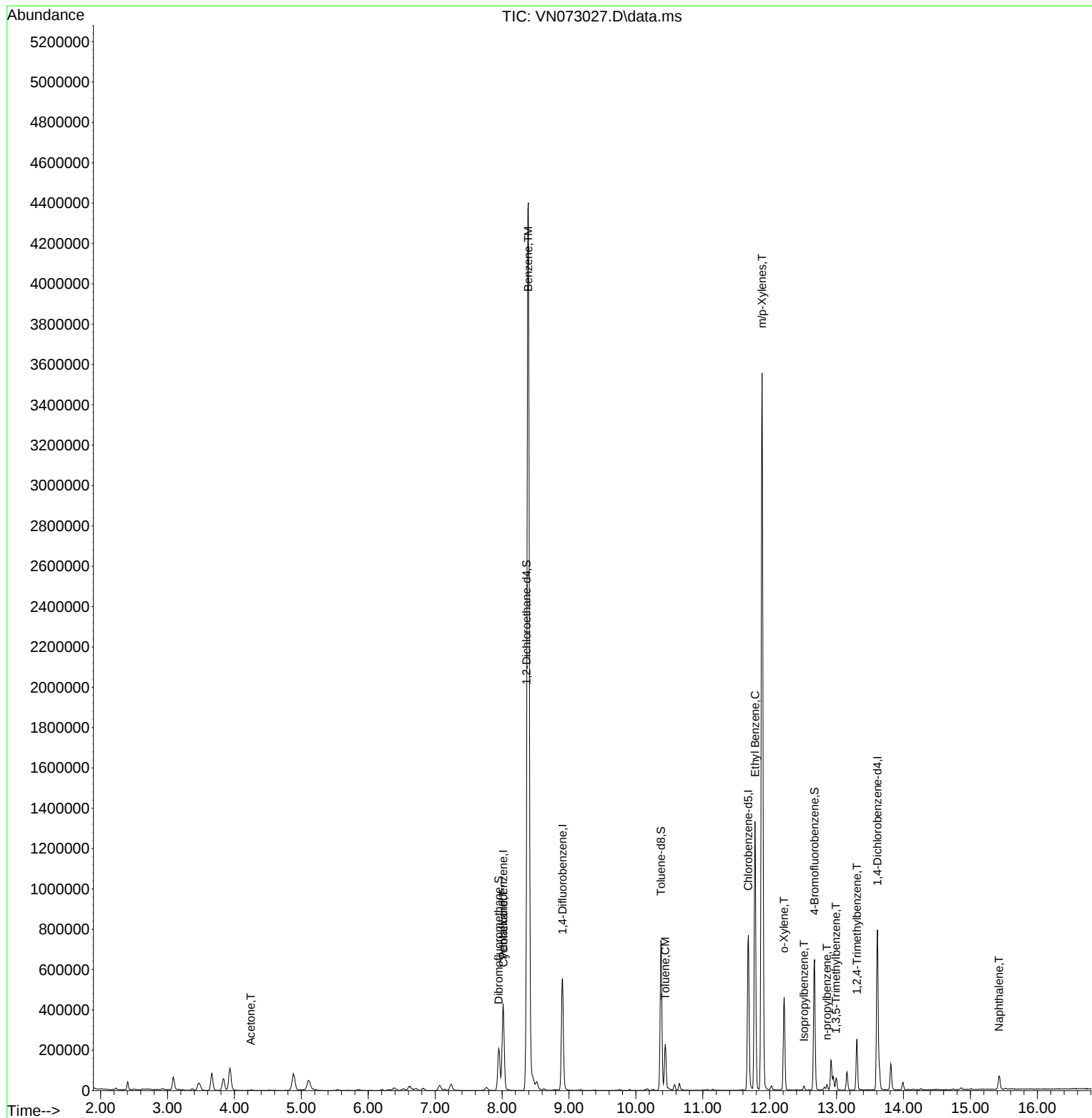
Internal Standards						
1) Pentafluorobenzene	8.016	168	305176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	494312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	447271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	217186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	184732	44.774	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.540%		
35) Dibromofluoromethane	7.951	113	156232	51.135	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.260%		
50) Toluene-d8	10.374	98	512242	45.057	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.120%		
62) 4-Bromofluorobenzene	12.668	95	222657	54.465	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.940%		
Target Compounds						Qvalue
16) Acetone	4.245	43	5840	2.575	ug/l #	86
31) Cyclohexane	8.022	56	14101	2.527	ug/l #	61
40) Benzene	8.392	78	4611437	354.926	ug/l	99
52) Toluene	10.439	92	96634	12.114	ug/l	98
67) Ethyl Benzene	11.780	91	964666	62.736	ug/l	99
68) m/p-Xylenes	11.886	106	1133397	187.929	ug/l	97
69) o-Xylene	12.216	106	125043	20.749	ug/l	97
73) Isopropylbenzene	12.515	105	13217	0.787	ug/l	95
78) n-propylbenzene	12.857	91	21373	1.156	ug/l	94
80) 1,3,5-Trimethylbenzene	12.992	105	30513	2.211	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	137900	10.032	ug/l	99
95) Naphthalene	15.427	128	62201	3.707	ug/l	99

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

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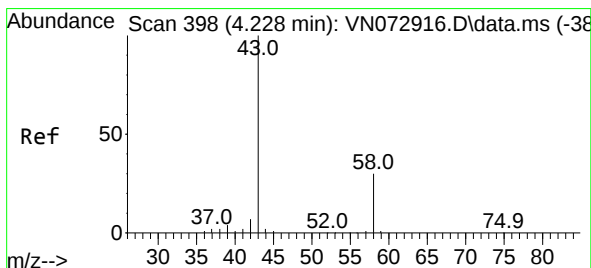
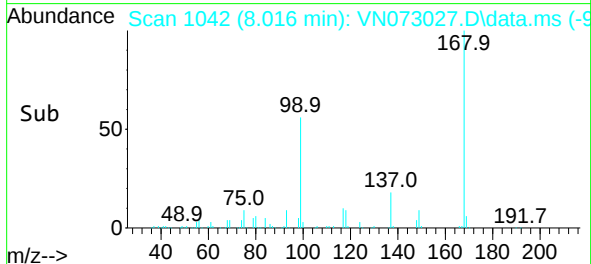
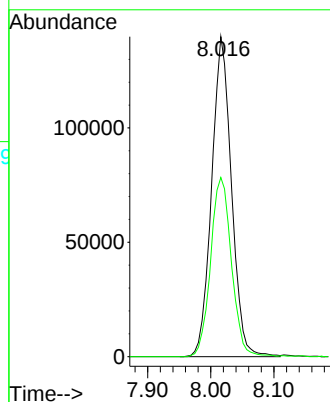
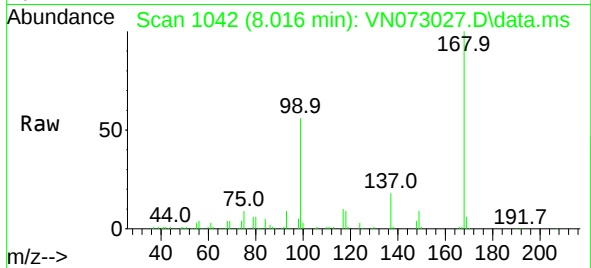




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073027.D
Acq: 22 Jun 2022 16:05

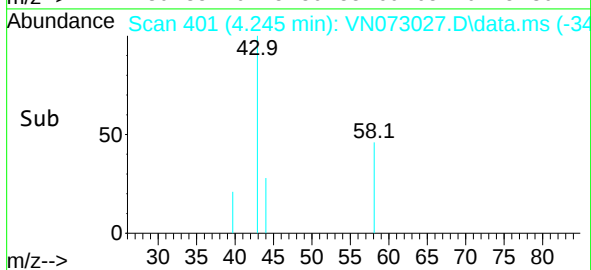
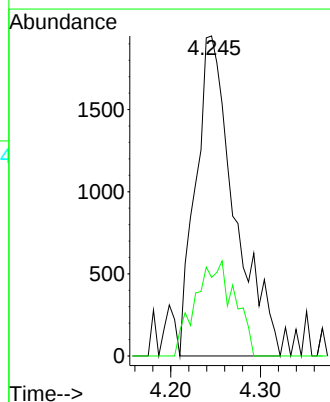
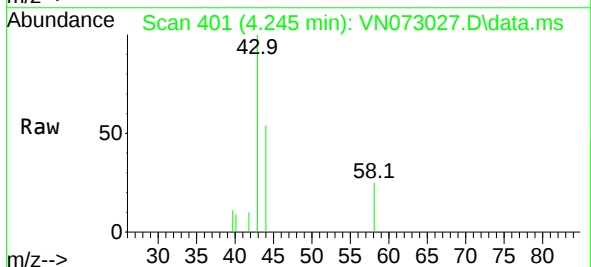
Instrument :
MSVOA_N
ClientSampleId :
MW-34DL

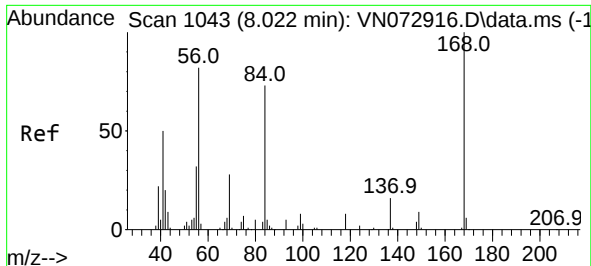
Tgt Ion:168 Resp: 305176
Ion Ratio Lower Upper
168 100
99 56.0 42.3 63.5



#16
Acetone
Concen: 2.575 ug/l
RT: 4.245 min Scan# 401
Delta R.T. 0.018 min
Lab File: VN073027.D
Acq: 22 Jun 2022 16:05

Tgt Ion: 43 Resp: 5840
Ion Ratio Lower Upper
43 100
58 24.6 26.0 39.0#

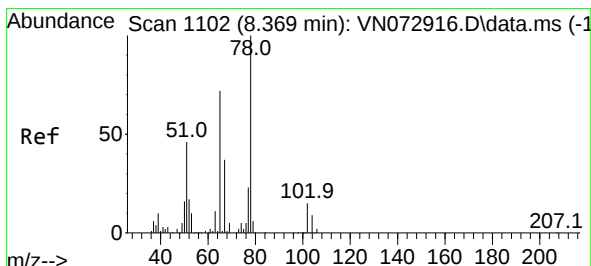
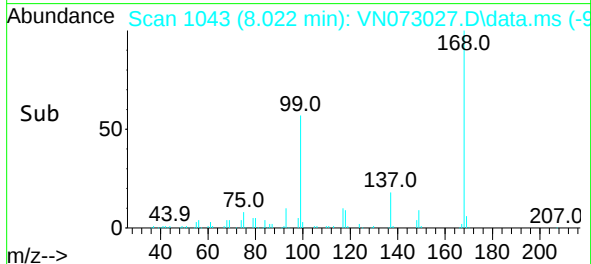
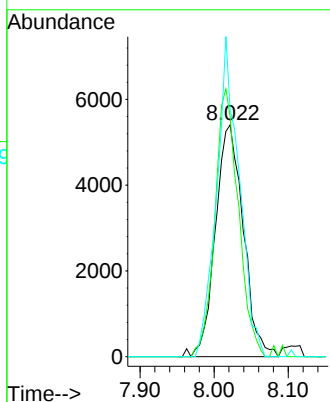
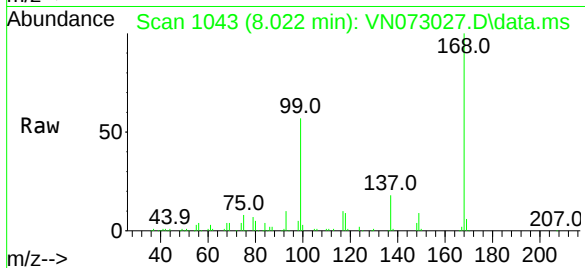




#31
Cyclohexane
Concen: 2.527 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073027.D
Acq: 22 Jun 2022 16:05

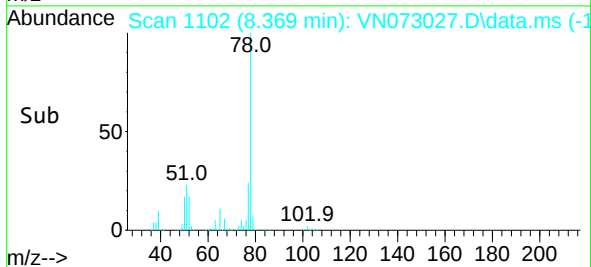
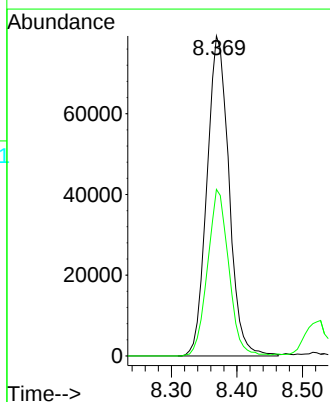
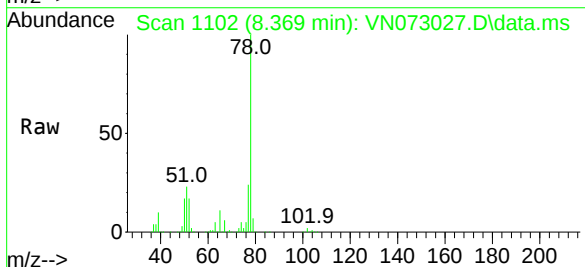
Instrument :
MSVOA_N
ClientSampleId :
MW-34DL

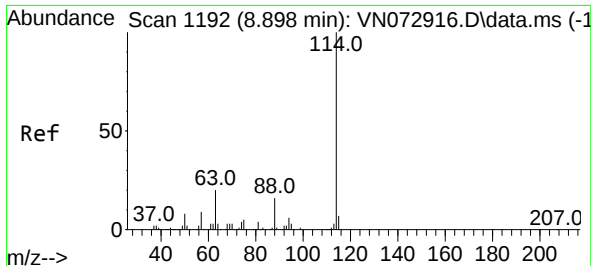
Tgt Ion: 56 Resp: 14101
Ion Ratio Lower Upper
56 100
69 103.4 27.8 41.8#
84 106.3 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 44.774 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073027.D
Acq: 22 Jun 2022 16:05

Tgt Ion: 65 Resp: 184732
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073027.D

Acq: 22 Jun 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

MW-34DL

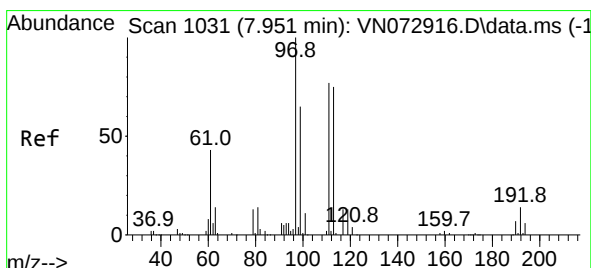
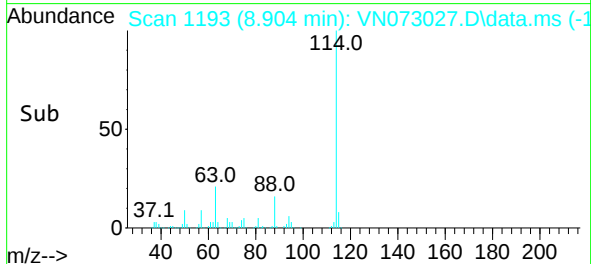
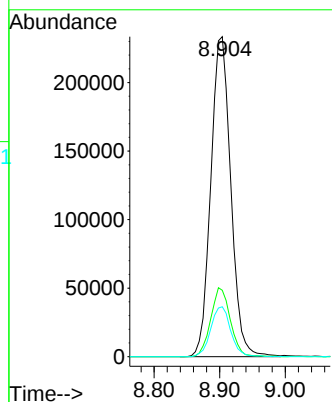
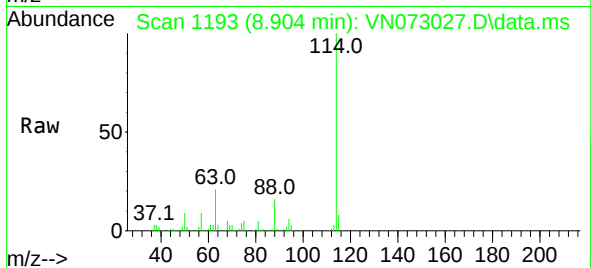
Tgt Ion:114 Resp: 494312

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.135 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073027.D

Acq: 22 Jun 2022 16:05

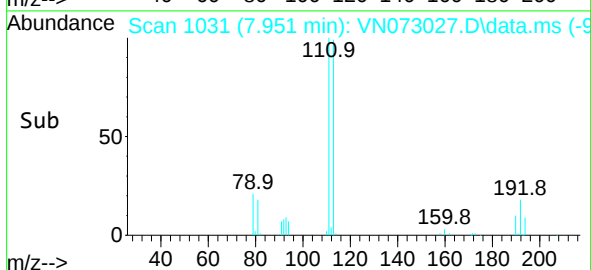
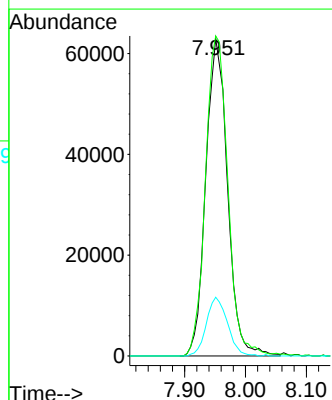
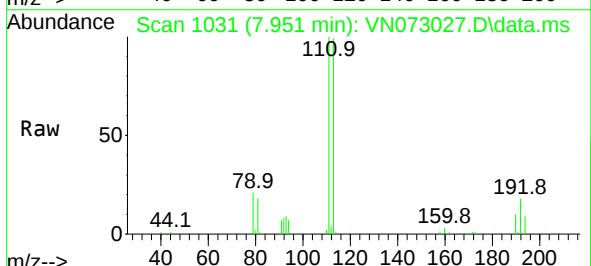
Tgt Ion:113 Resp: 156232

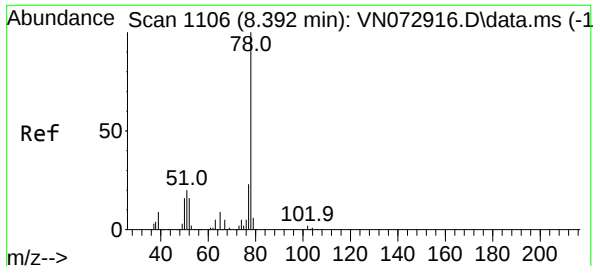
Ion Ratio Lower Upper

113 100

111 104.2 81.4 122.0

192 18.0 17.0 25.6

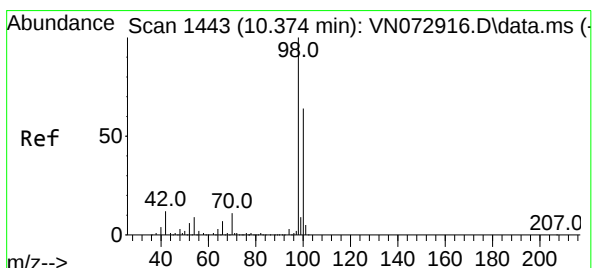
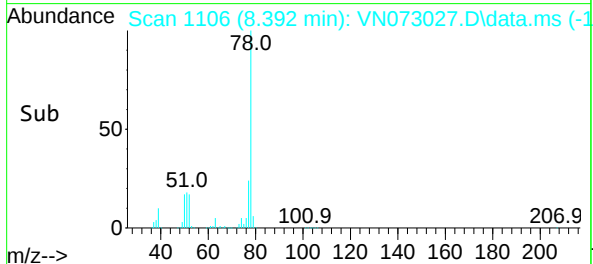
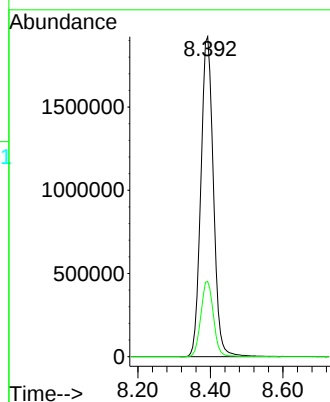
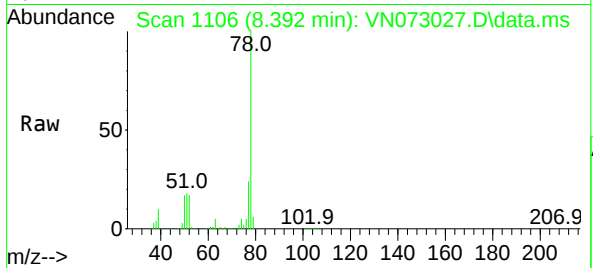




#40
Benzene
Concen: 354.926 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073027.D
Acq: 22 Jun 2022 16:05

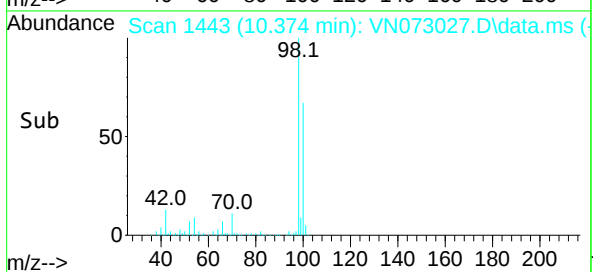
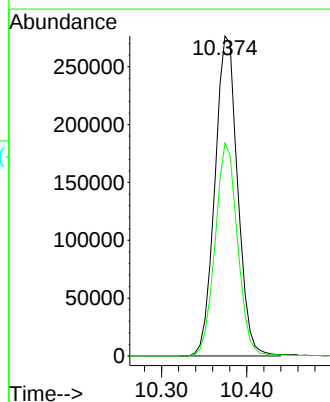
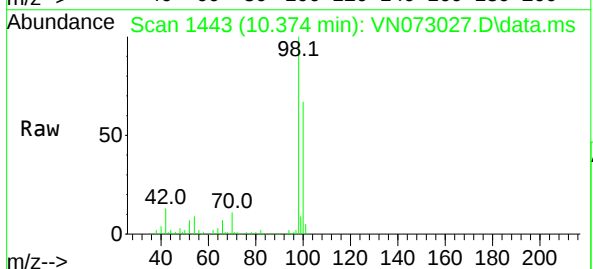
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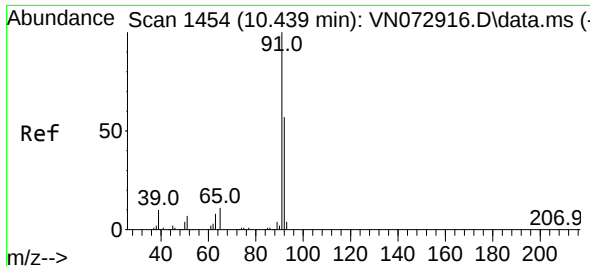
Tgt Ion: 78 Resp: 4611437
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0



#50
Toluene-d8
Concen: 45.057 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073027.D
Acq: 22 Jun 2022 16:05

Tgt Ion: 98 Resp: 512242
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

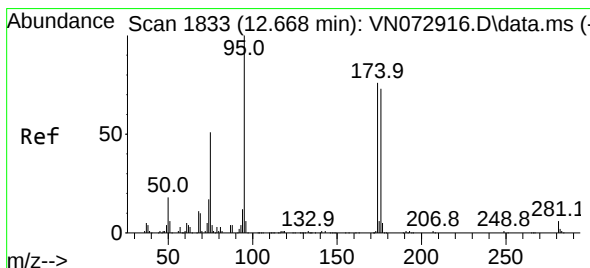
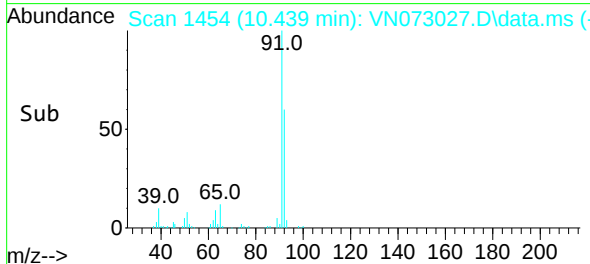
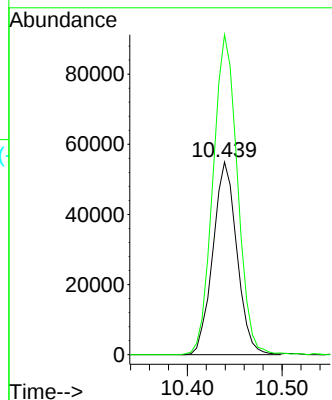
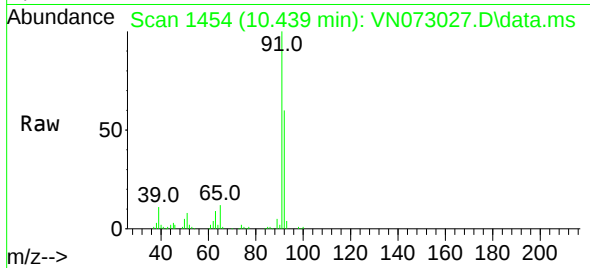




#52
Toluene
Concen: 12.114 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073027.D
Acq: 22 Jun 2022 16:05

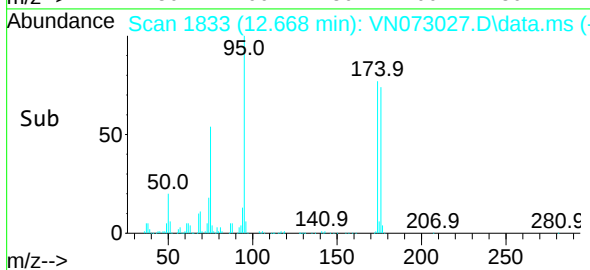
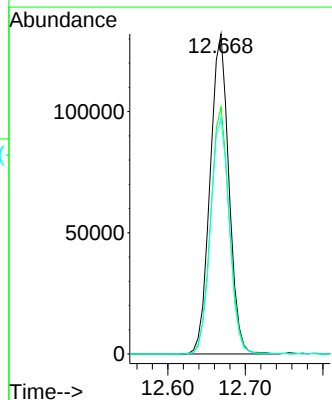
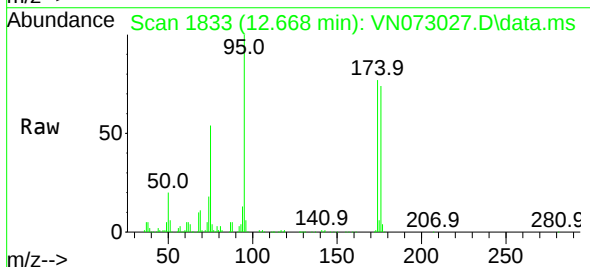
Instrument :
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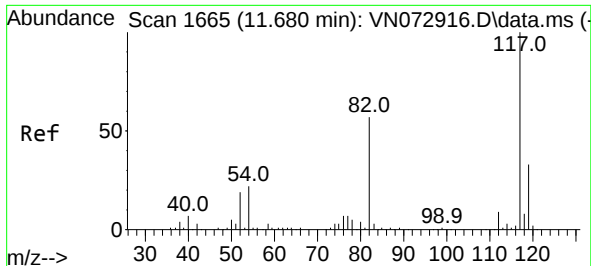
Tgt Ion: 92 Resp: 96634
Ion Ratio Lower Upper
92 100
91 170.2 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 54.465 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073027.D
Acq: 22 Jun 2022 16:05

Tgt Ion: 95 Resp: 222657
Ion Ratio Lower Upper
95 100
174 76.4 0.0 167.6
176 73.6 0.0 163.4

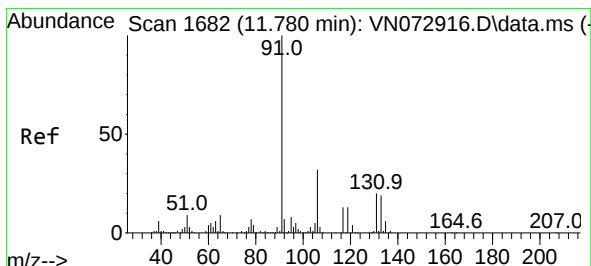
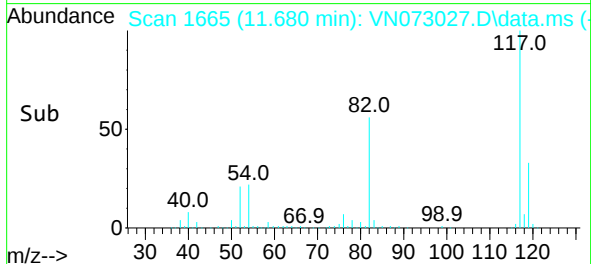
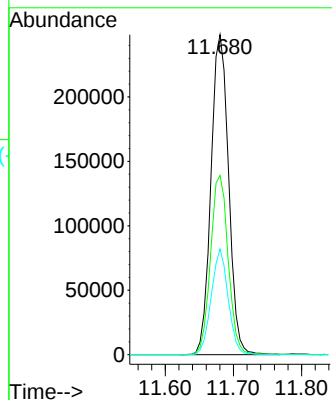
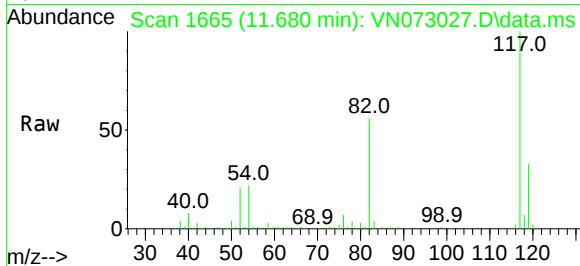




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073027.D
Acq: 22 Jun 2022 16:05

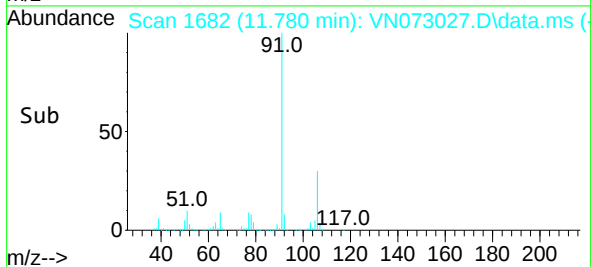
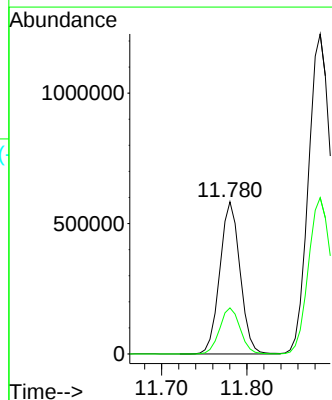
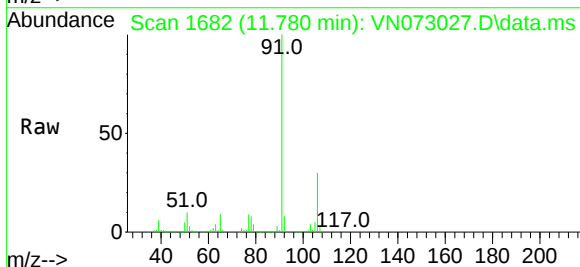
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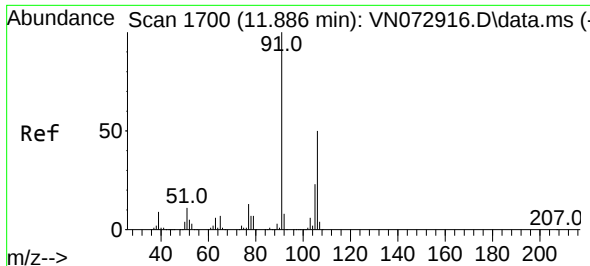
Tgt Ion:117 Resp: 447271
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.2
119 33.1 25.4 38.0



#67
Ethyl Benzene
Concen: 62.736 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN073027.D
Acq: 22 Jun 2022 16:05

Tgt Ion: 91 Resp: 964666
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3

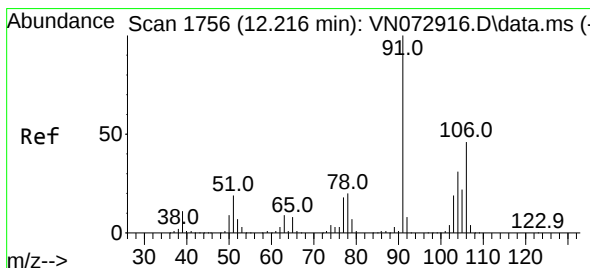
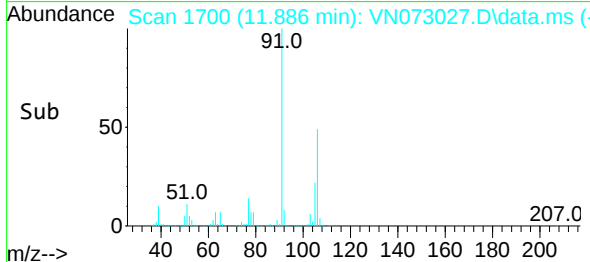
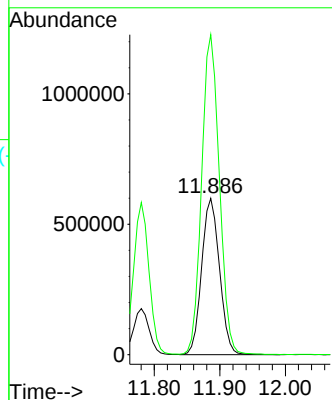
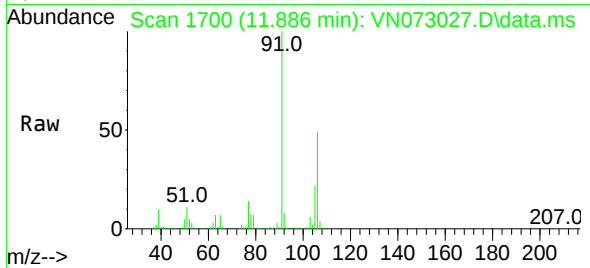




#68
m/p-Xylenes
Concen: 187.929 ug/l
RT: 11.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073027.D
Acq: 22 Jun 2022 16:05

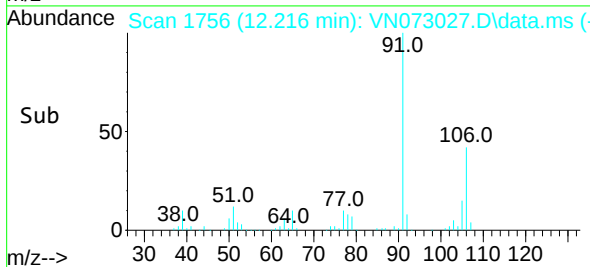
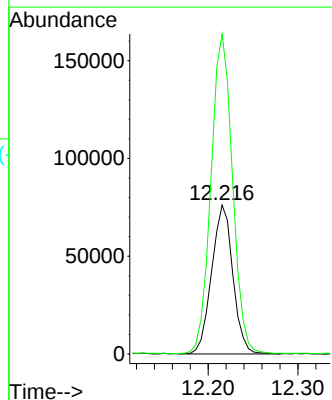
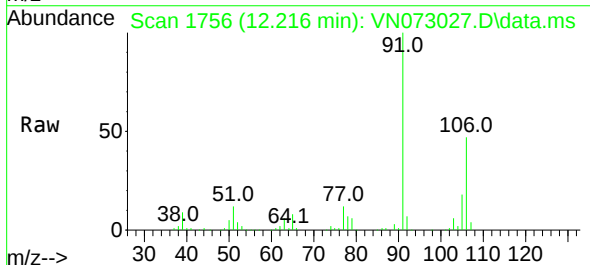
Instrument :
MSVOA_N
ClientSampleId :
MW-34DL

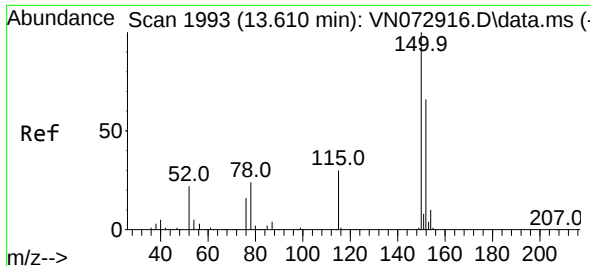
Tgt Ion:106 Resp: 1133397
Ion Ratio Lower Upper
106 100
91 203.5 158.9 238.3



#69
o-Xylene
Concen: 20.749 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VN073027.D
Acq: 22 Jun 2022 16:05

Tgt Ion:106 Resp: 125043
Ion Ratio Lower Upper
106 100
91 217.5 106.0 318.0

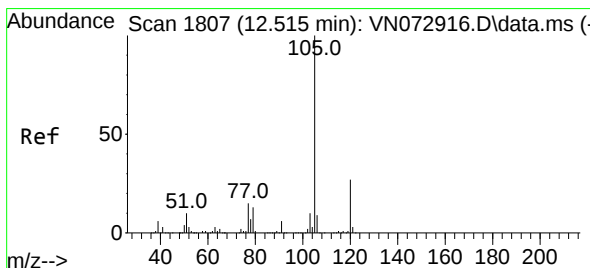
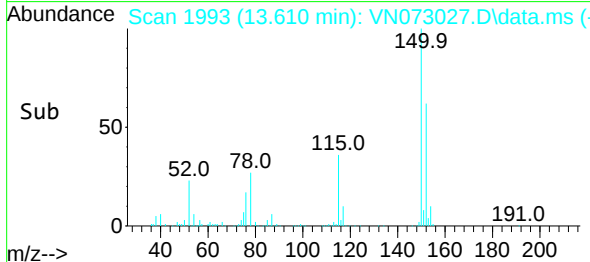
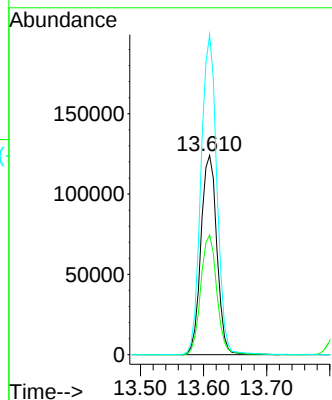
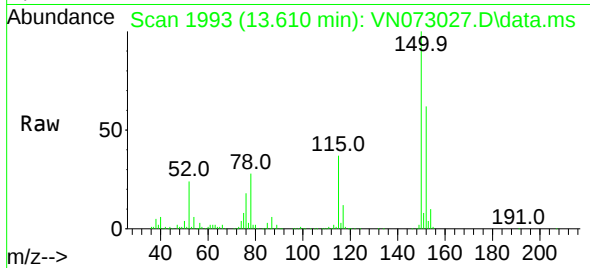




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073027.D
Acq: 22 Jun 2022 16:05

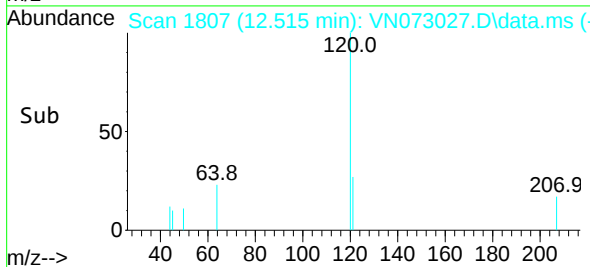
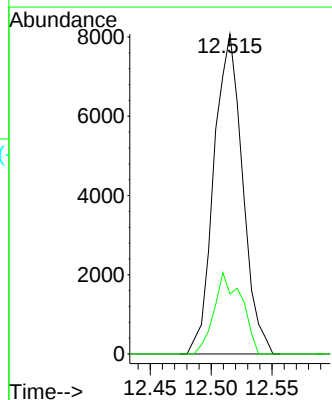
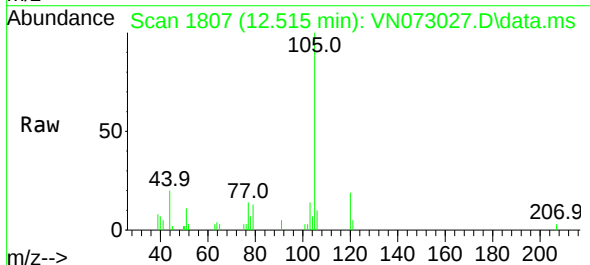
Instrument :
MSVOA_N
ClientSampleId :
MW-34DL

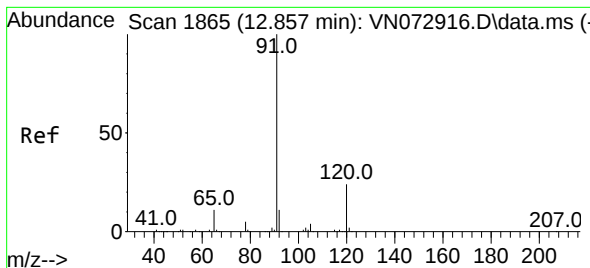
Tgt Ion:152 Resp: 217186
Ion Ratio Lower Upper
152 100
115 60.9 28.9 86.7
150 159.8 0.0 356.2



#73
Isopropylbenzene
Concen: 0.787 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073027.D
Acq: 22 Jun 2022 16:05

Tgt Ion:105 Resp: 13217
Ion Ratio Lower Upper
105 100
120 24.3 13.5 40.4





#78

n-propylbenzene

Concen: 1.156 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.000 min

Lab File: VN073027.D

Acq: 22 Jun 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

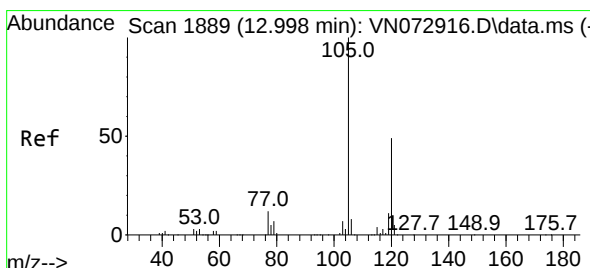
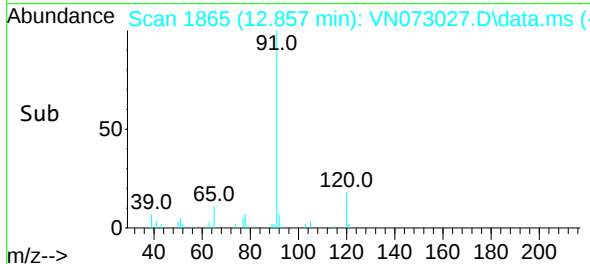
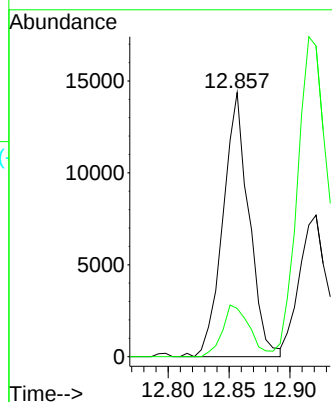
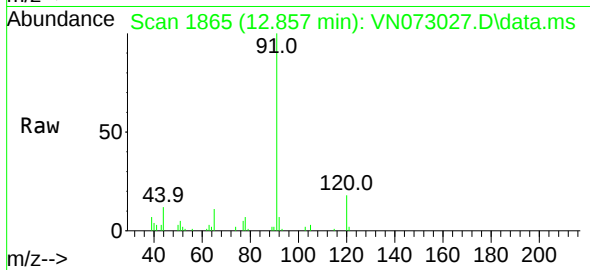
MW-34DL

Tgt Ion: 91 Resp: 21373

Ion Ratio Lower Upper

91 100

120 20.6 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 2.211 ug/l

RT: 12.992 min Scan# 1888

Delta R.T. -0.006 min

Lab File: VN073027.D

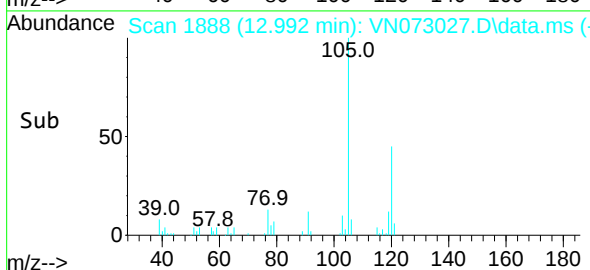
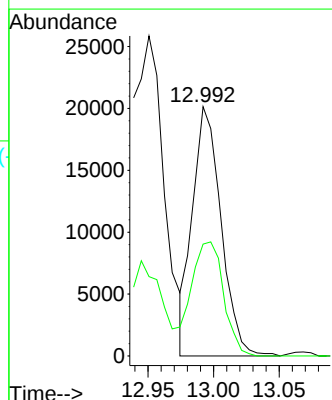
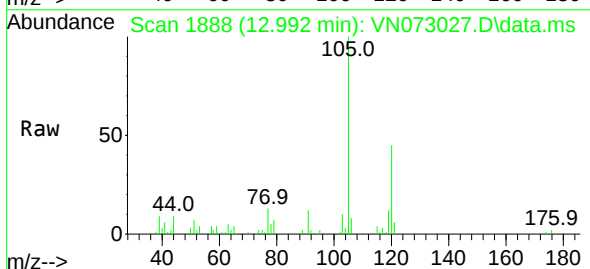
Acq: 22 Jun 2022 16:05

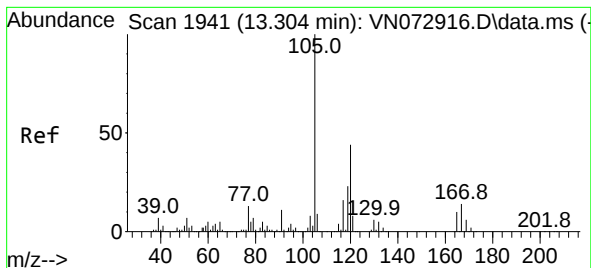
Tgt Ion: 105 Resp: 30513

Ion Ratio Lower Upper

105 100

120 53.1 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 10.032 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073027.D

Acq: 22 Jun 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

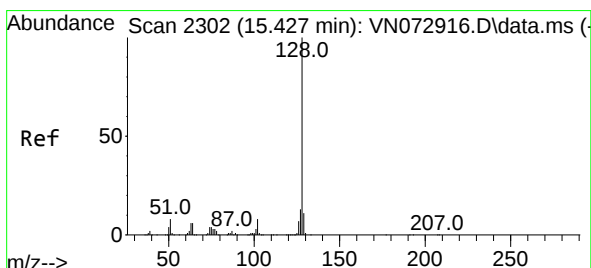
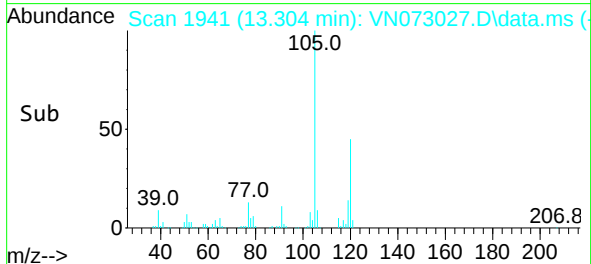
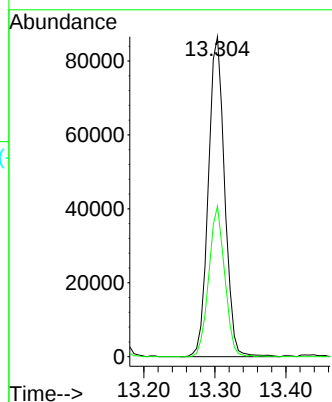
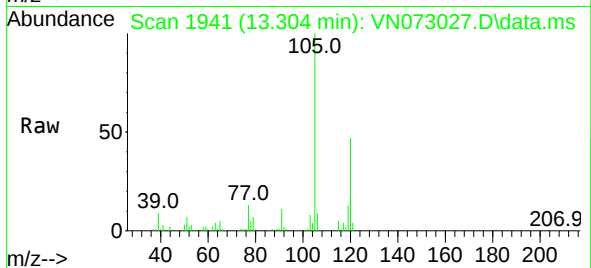
MW-34DL

Tgt Ion:105 Resp: 137900

Ion Ratio Lower Upper

105 100

120 46.0 23.3 69.8



#95

Naphthalene

Concen: 3.707 ug/l

RT: 15.427 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN073027.D

Acq: 22 Jun 2022 16:05

Tgt Ion:128 Resp: 62201

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.2 8.6 13.0

