

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062222\
 Data File : VN073030.D
 Acq On : 22 Jun 2022 17:18
 Operator : JC\MD
 Sample : N3381-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Jun 23 07:33:02 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)

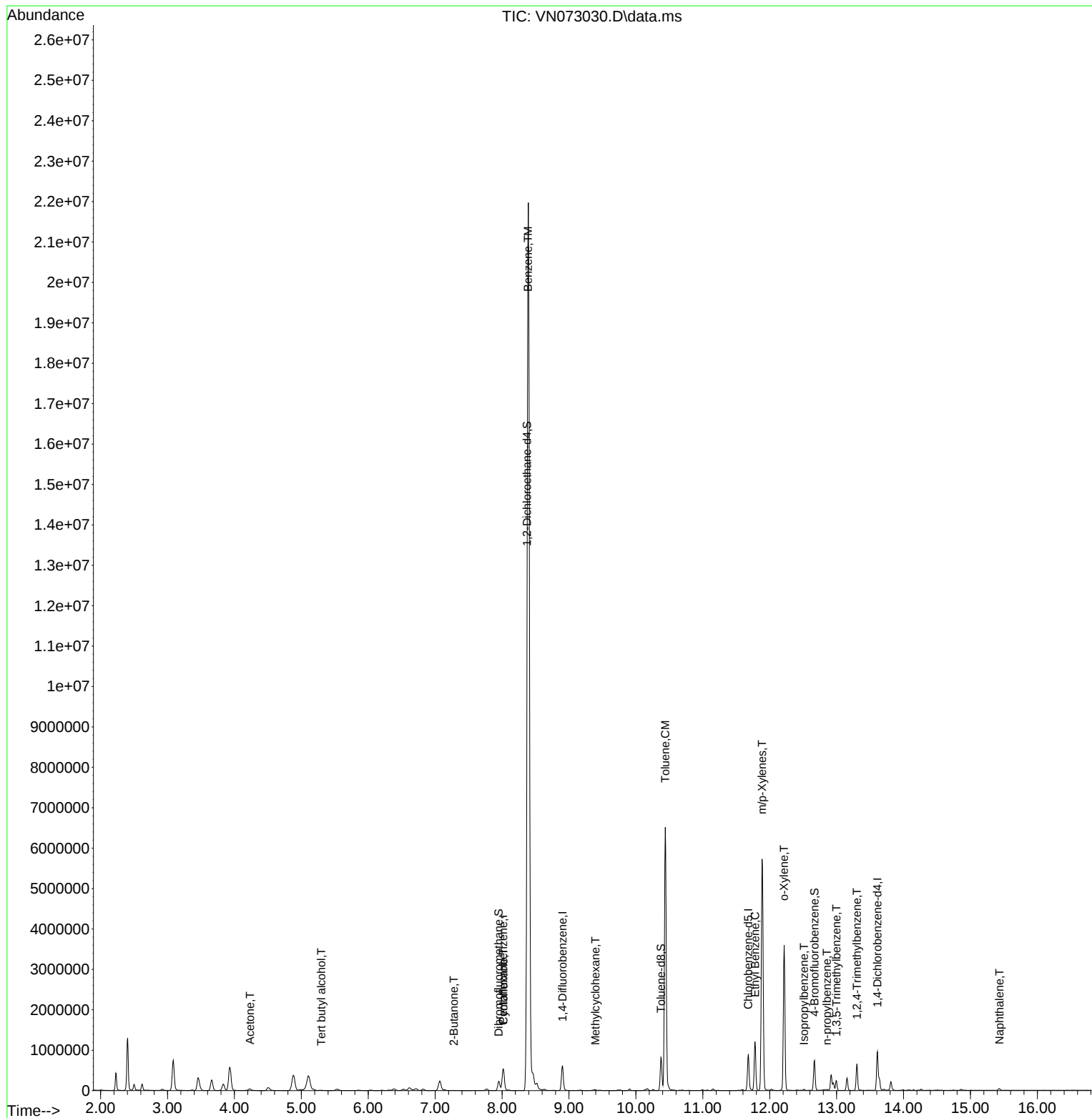
Internal Standards						
1) Pentafluorobenzene	8.016	168	331336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	533531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	495698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	256447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	201574	44.998	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.000%		
35) Dibromofluoromethane	7.951	113	169674	51.452	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.900%		
50) Toluene-d8	10.375	98	554726	45.207	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.420%		
62) 4-Bromofluorobenzene	12.669	95	250660	56.808	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	113.620%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.298	59	11931	10.311	ug/l #	72
16) Acetone	4.234	43	79453	32.267	ug/l	91
25) 2-Butanone	7.281	43	7339	1.878	ug/l	89
31) Cyclohexane	8.022	56	77875	12.852	ug/l	90
39) Methylcyclohexane	9.398	83	9606	1.786	ug/l #	87
40) Benzene	8.386	78	22340925	1593.104	ug/l	96
52) Toluene	10.439	92	2826104	328.246	ug/l	99
67) Ethyl Benzene	11.780	91	867052	50.879	ug/l	99
68) m/p-Xylenes	11.886	106	1883767	281.833	ug/l	96
69) o-Xylene	12.216	106	983006	147.181	ug/l	98
73) Isopropylbenzene	12.516	105	17240	0.869	ug/l	100
78) n-propylbenzene	12.857	91	18578	0.851	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	127038	7.795	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	365154	22.497	ug/l	98
95) Naphthalene	15.433	128	41640	2.102	ug/l	100

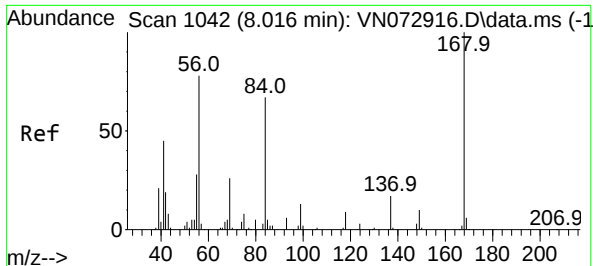
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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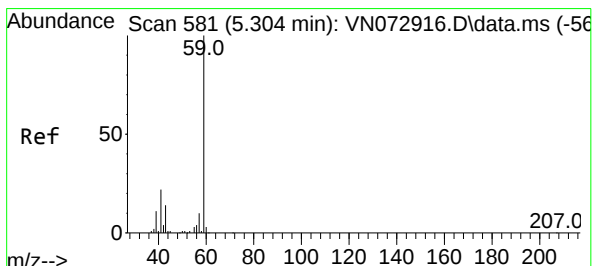
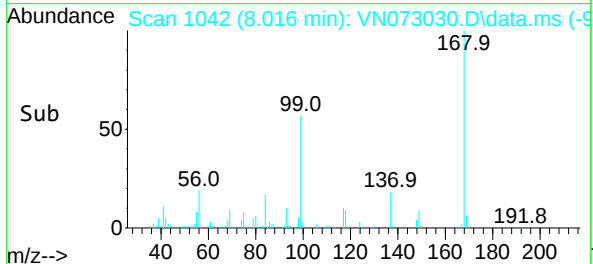
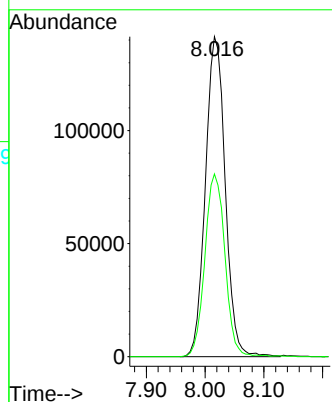
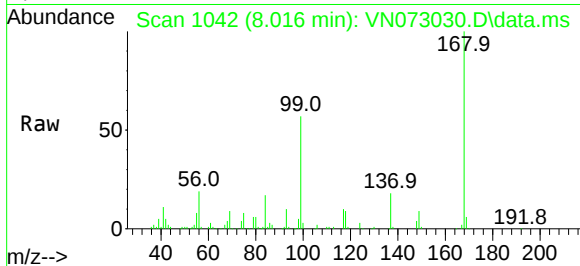




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073030.D
Acq: 22 Jun 2022 17:18

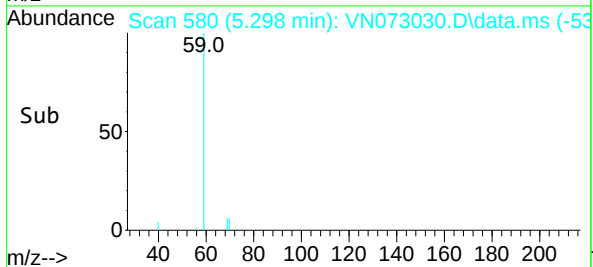
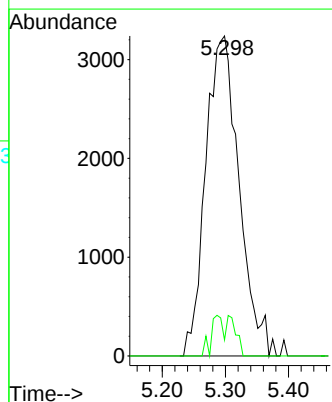
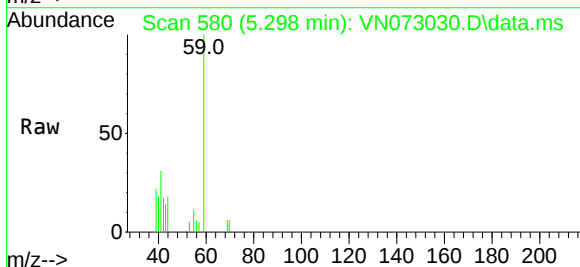
Instrument :
MSVOA_N
ClientSampleId :
MW-1

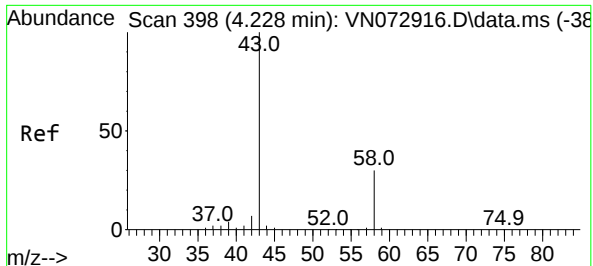
Tgt Ion:168 Resp: 331336
Ion Ratio Lower Upper
168 100
99 57.1 42.3 63.5



#11
Tert butyl alcohol
Concen: 10.311 ug/l
RT: 5.298 min Scan# 580
Delta R.T. -0.006 min
Lab File: VN073030.D
Acq: 22 Jun 2022 17:18

Tgt Ion: 59 Resp: 11931
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

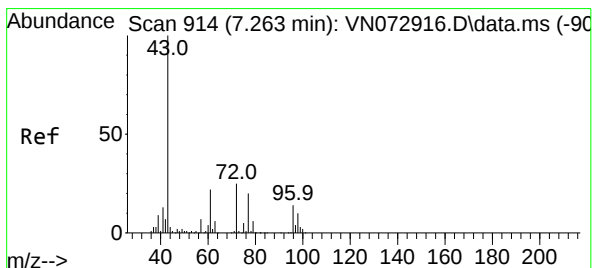
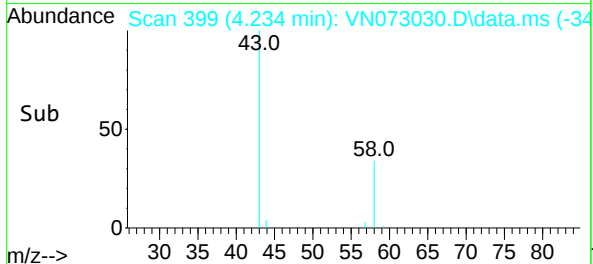
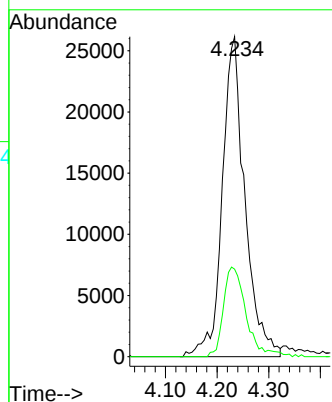
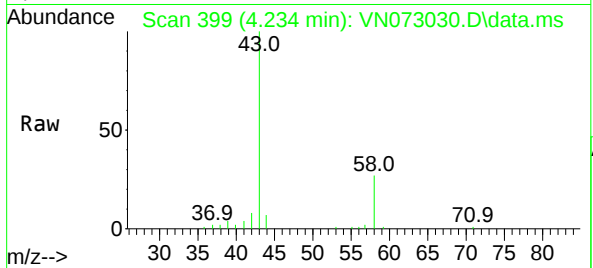




#16
Acetone
Concen: 32.267 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: VN073030.D
Acq: 22 Jun 2022 17:18

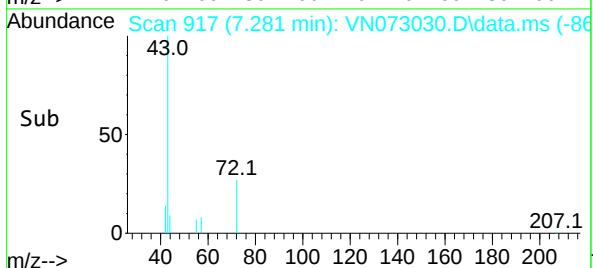
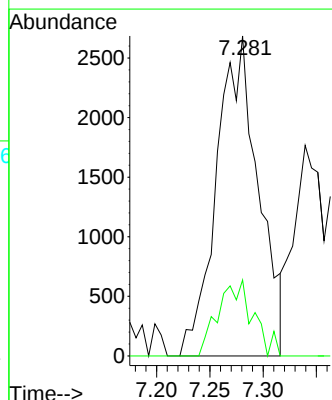
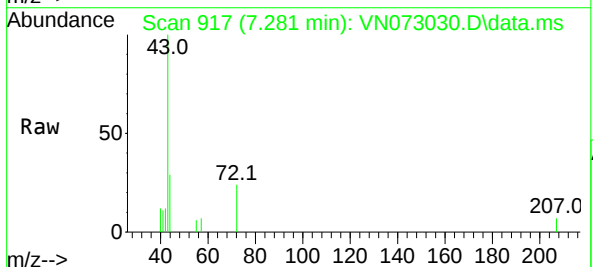
Instrument :
MSVOA_N
ClientSampleId :
MW-1

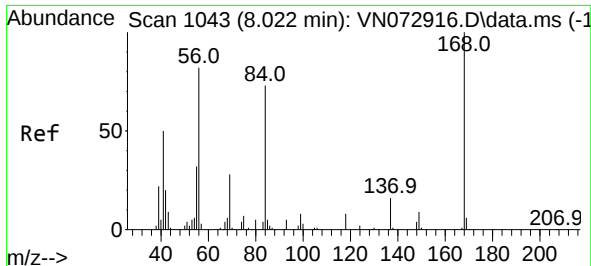
Tgt Ion: 43 Resp: 79453
Ion Ratio Lower Upper
43 100
58 27.4 26.0 39.0



#25
2-Butanone
Concen: 1.878 ug/l
RT: 7.281 min Scan# 917
Delta R.T. 0.018 min
Lab File: VN073030.D
Acq: 22 Jun 2022 17:18

Tgt Ion: 43 Resp: 7339
Ion Ratio Lower Upper
43 100
72 23.8 23.7 35.5

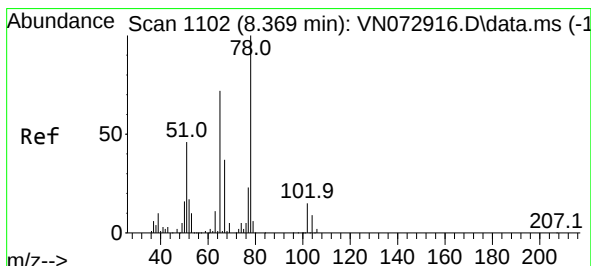
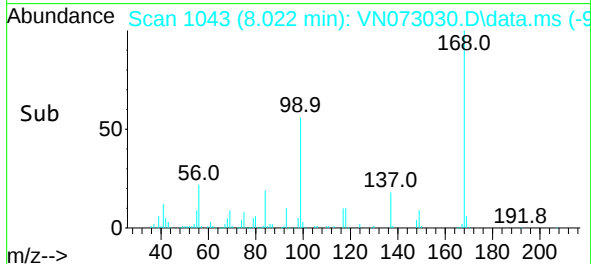
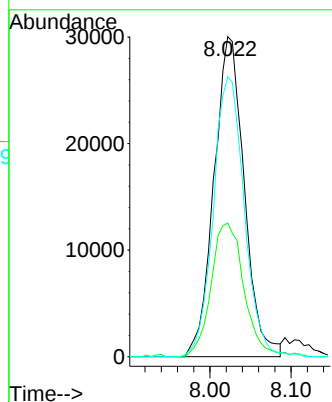
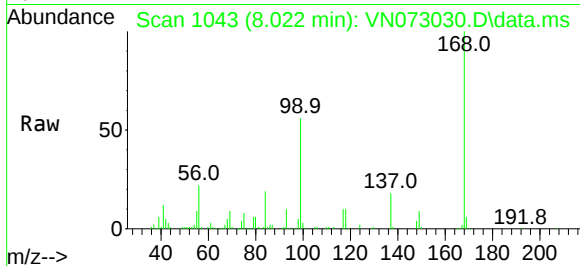




#31
Cyclohexane
Concen: 12.852 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073030.D
Acq: 22 Jun 2022 17:18

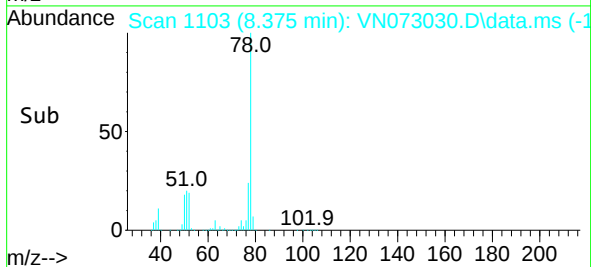
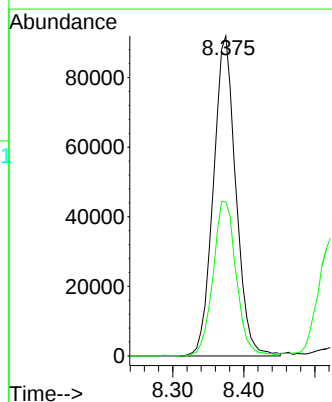
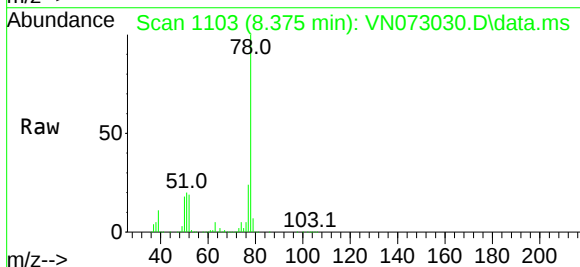
Instrument :
MSVOA_N
ClientSampleId :
MW-1

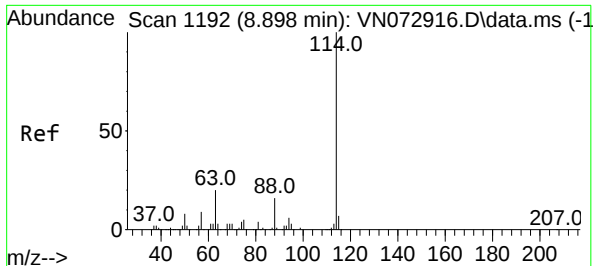
Tgt Ion: 56 Resp: 77875
Ion Ratio Lower Upper
56 100
69 41.8 27.8 41.8
84 87.5 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 44.998 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073030.D
Acq: 22 Jun 2022 17:18

Tgt Ion: 65 Resp: 201574
Ion Ratio Lower Upper
65 100
67 49.8 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: VN073030.D

Acq: 22 Jun 2022 17:18

Instrument :

MSVOA_N

ClientSampleId :

MW-1

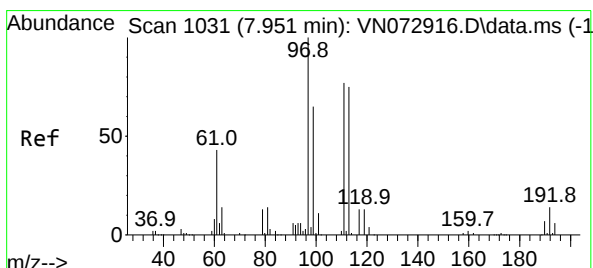
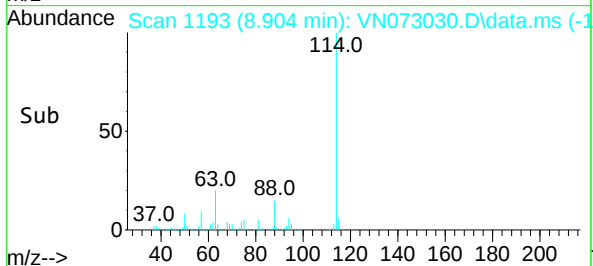
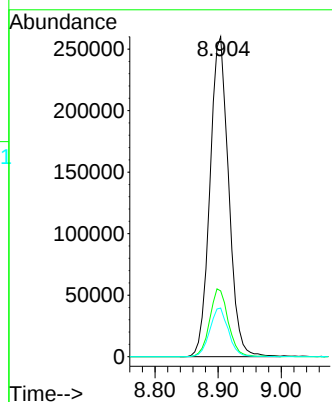
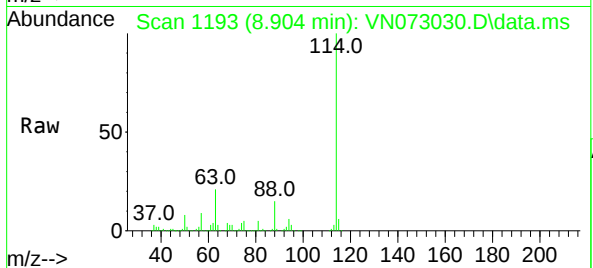
Tgt Ion:114 Resp: 533531

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.452 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073030.D

Acq: 22 Jun 2022 17:18

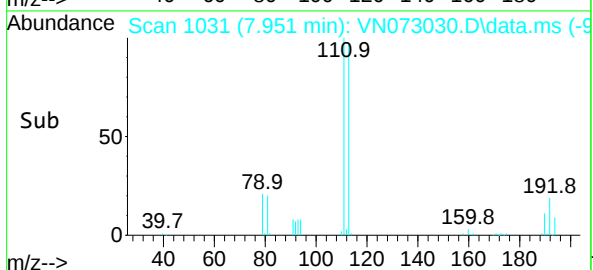
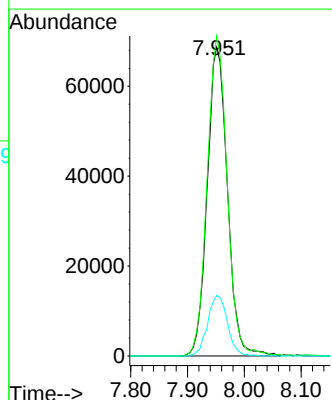
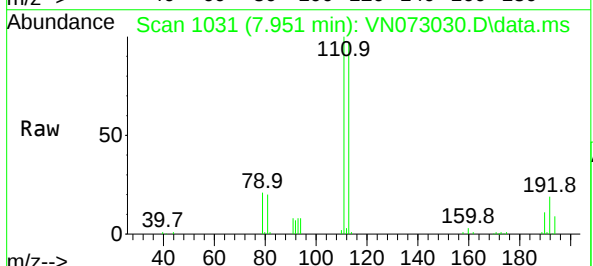
Tgt Ion:113 Resp: 169674

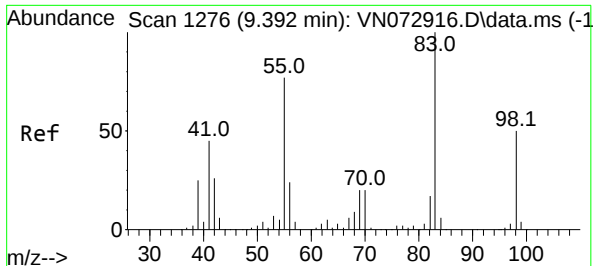
Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 19.2 17.0 25.6





#39

Methylcyclohexane

Concen: 1.786 ug/l

RT: 9.398 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN073030.D

Acq: 22 Jun 2022 17:18

Instrument :

MSVOA_N

ClientSampleId :

MW-1

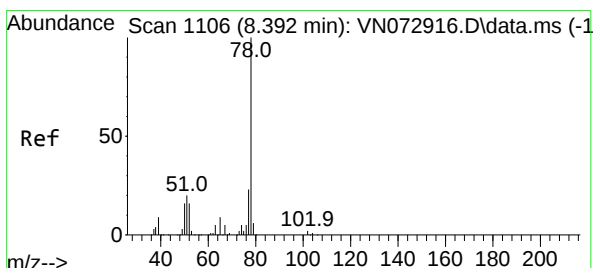
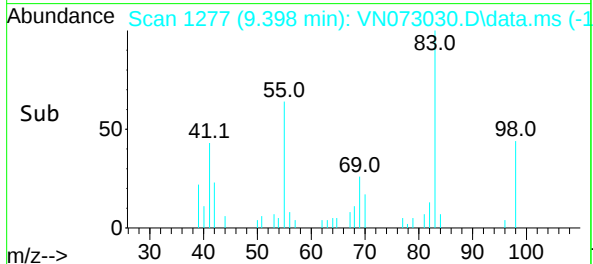
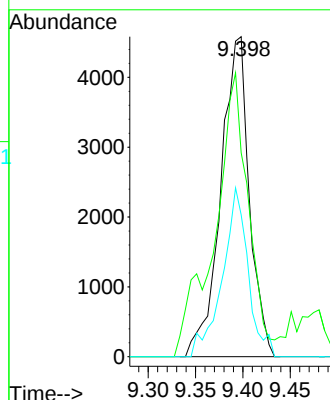
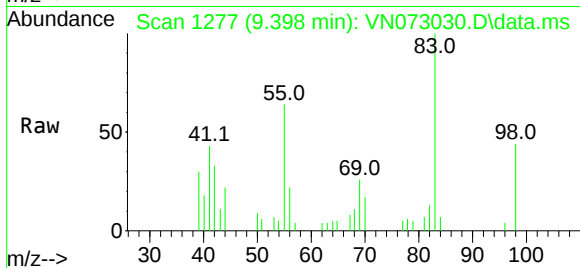
Tgt Ion: 83 Resp: 9606

Ion Ratio Lower Upper

83 100

55 57.5 57.8 86.8#

98 44.4 39.4 59.2



#40

Benzene

Concen: 1593.104 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN073030.D

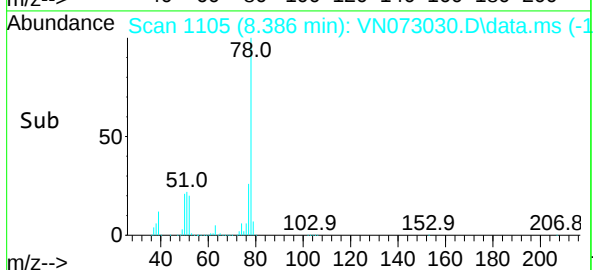
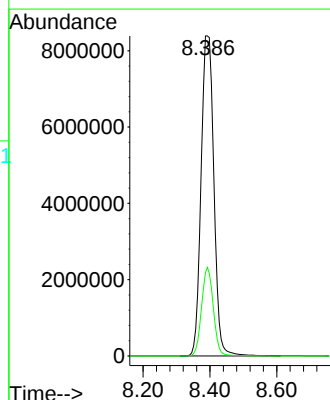
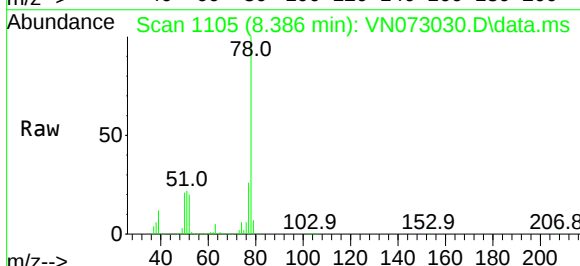
Acq: 22 Jun 2022 17:18

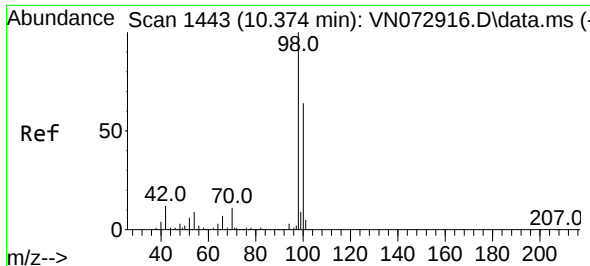
Tgt Ion: 78 Resp: 22340925

Ion Ratio Lower Upper

78 100

77 26.1 19.4 29.0

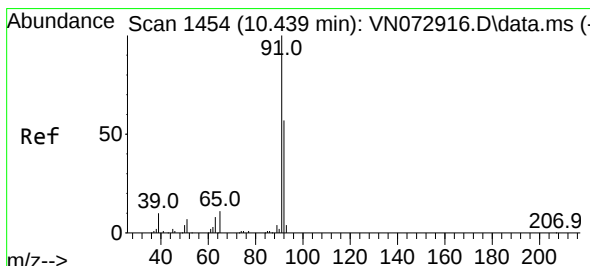
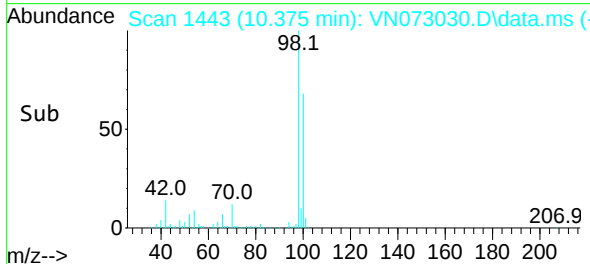
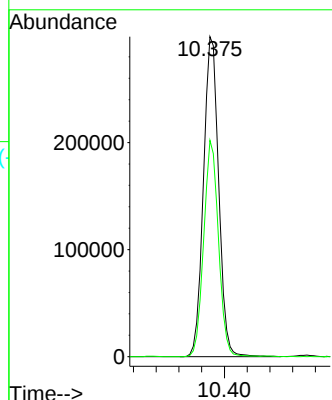
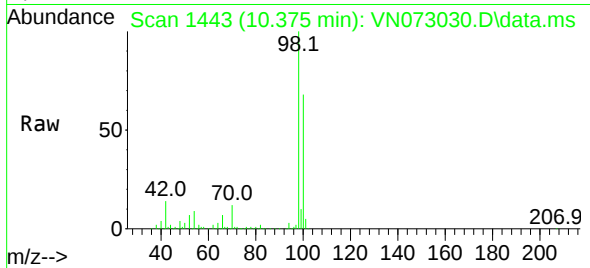




#50
Toluene-d8
Concen: 45.207 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073030.D
Acq: 22 Jun 2022 17:18

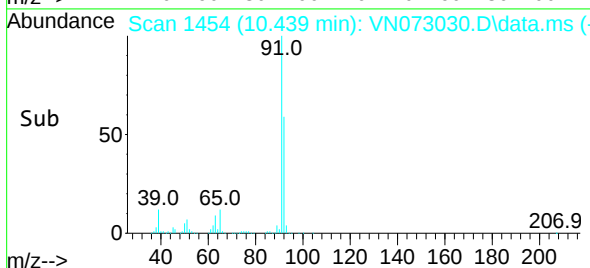
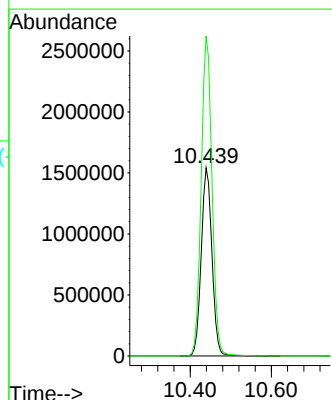
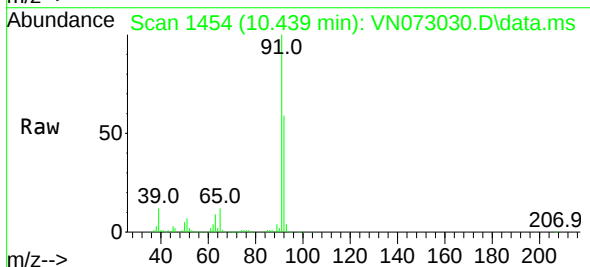
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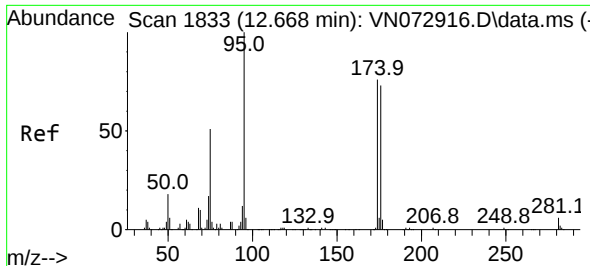
Tgt Ion: 98 Resp: 554726
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#52
Toluene
Concen: 328.246 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073030.D
Acq: 22 Jun 2022 17:18

Tgt Ion: 92 Resp: 2826104
Ion Ratio Lower Upper
92 100
91 171.9 138.6 207.8

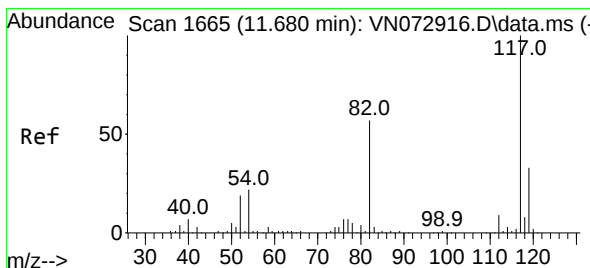
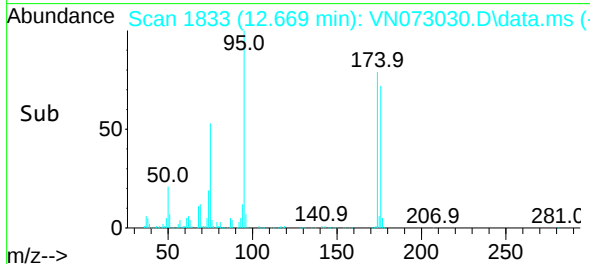
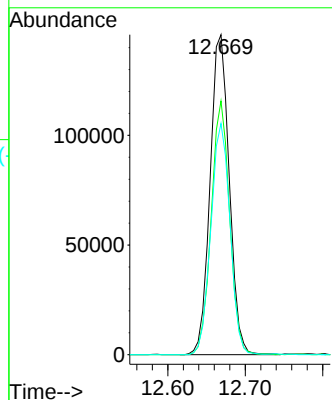
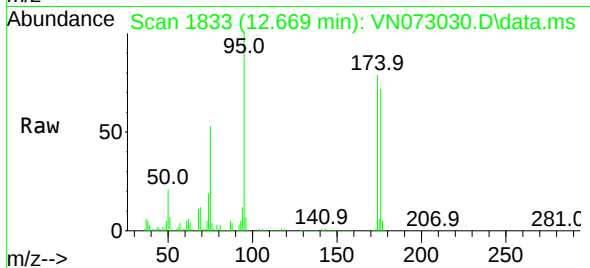




#62
4-Bromofluorobenzene
Concen: 56.808 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073030.D
Acq: 22 Jun 2022 17:18

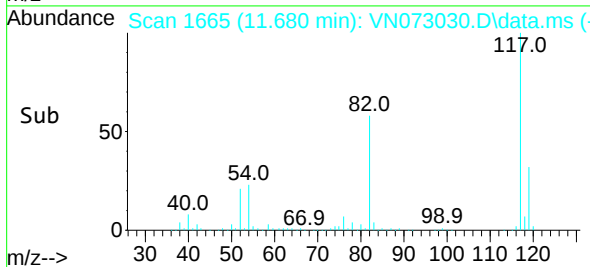
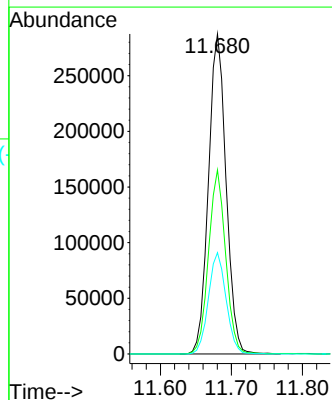
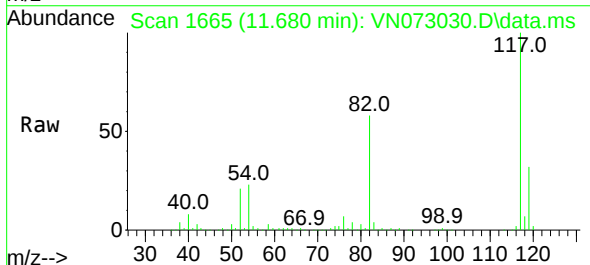
Instrument :
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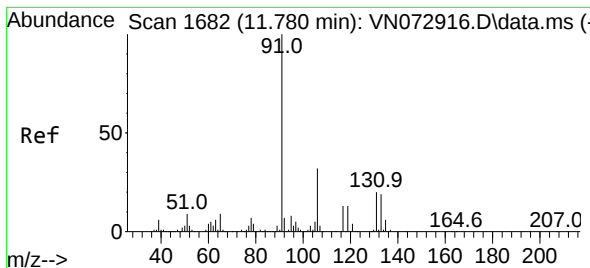
Tgt Ion: 95 Resp: 250660
Ion Ratio Lower Upper
95 100
174 76.2 0.0 167.6
176 72.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073030.D
Acq: 22 Jun 2022 17:18

Tgt Ion: 117 Resp: 495698
Ion Ratio Lower Upper
117 100
82 57.5 44.2 66.2
119 31.6 25.4 38.0





#67

Ethyl Benzene

Concen: 50.879 ug/l

RT: 11.780 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073030.D

Acq: 22 Jun 2022 17:18

Instrument :

MSVOA_N

ClientSampleId :

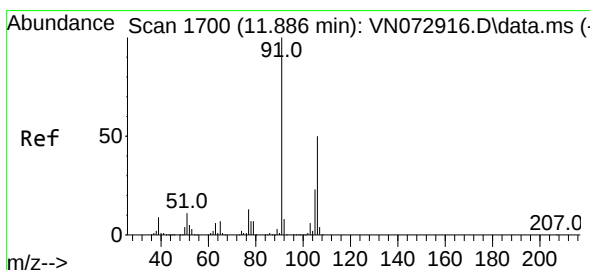
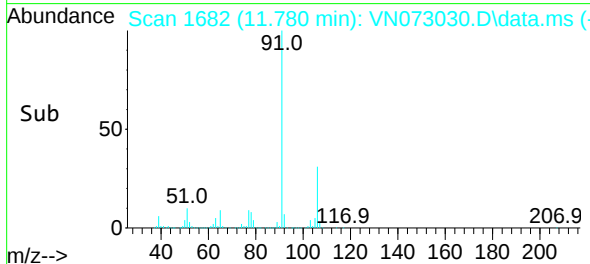
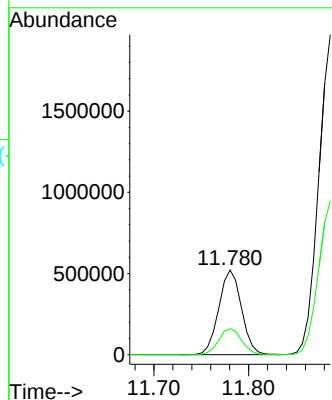
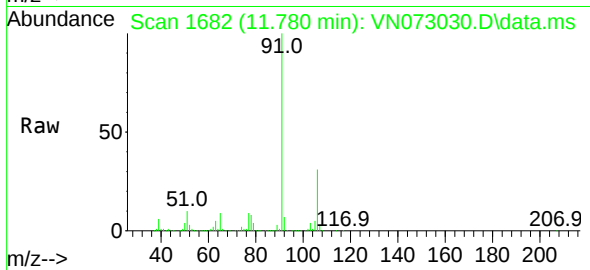
MW-1

Tgt Ion: 91 Resp: 867052

Ion Ratio Lower Upper

91 100

106 30.8 24.9 37.3



#68

m/p-Xylenes

Concen: 281.833 ug/l

RT: 11.886 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VN073030.D

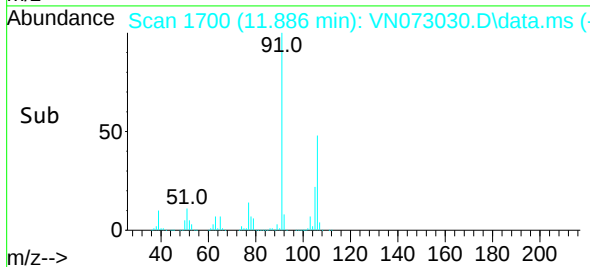
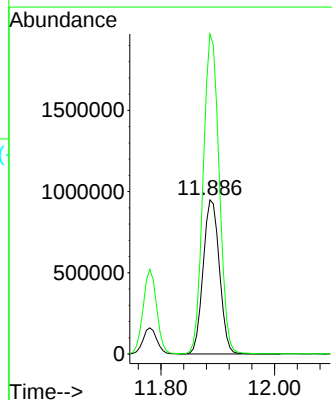
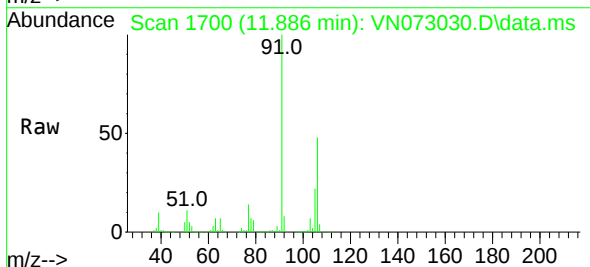
Acq: 22 Jun 2022 17:18

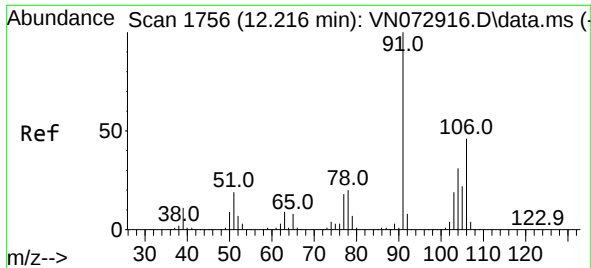
Tgt Ion: 106 Resp: 1883767

Ion Ratio Lower Upper

106 100

91 204.4 158.9 238.3

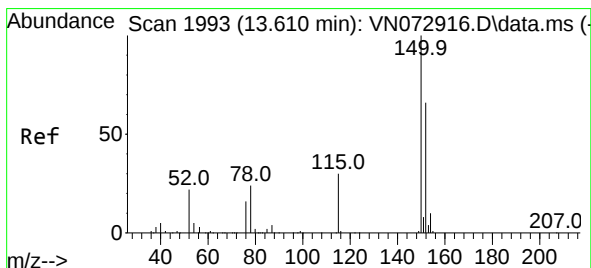
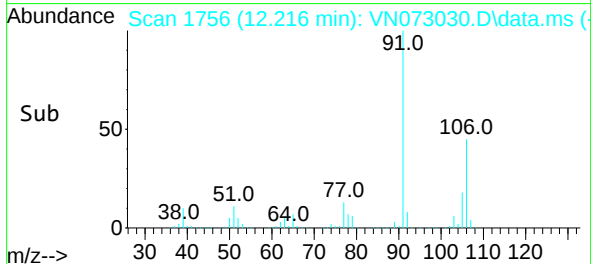
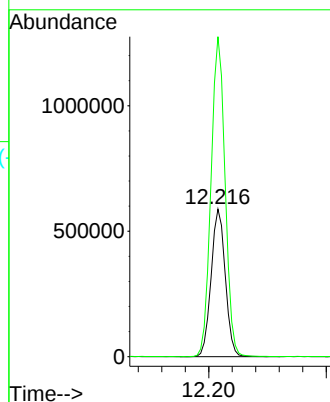
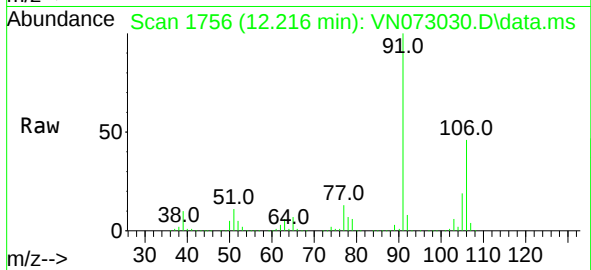




#69
o-Xylene
Concen: 147.181 ug/l
RT: 12.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073030.D
Acq: 22 Jun 2022 17:18

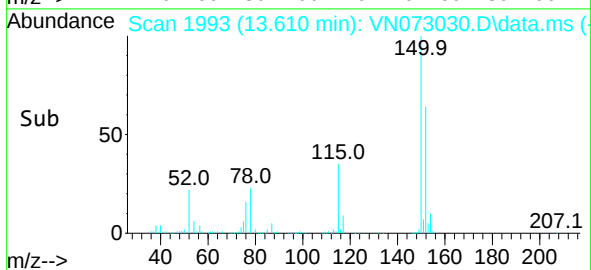
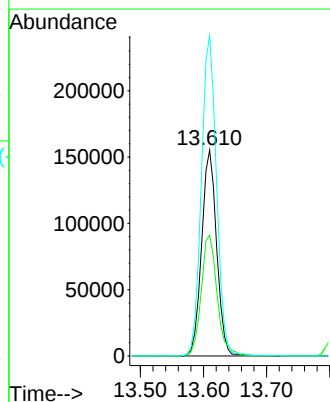
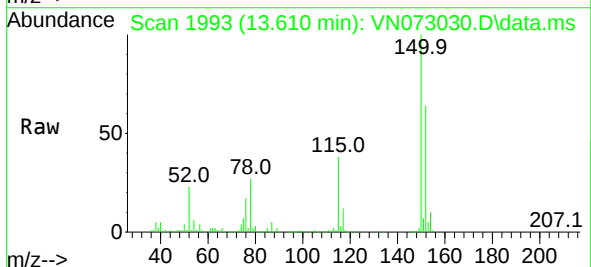
Instrument :
MSVOA_N
ClientSampleId :
MW-1

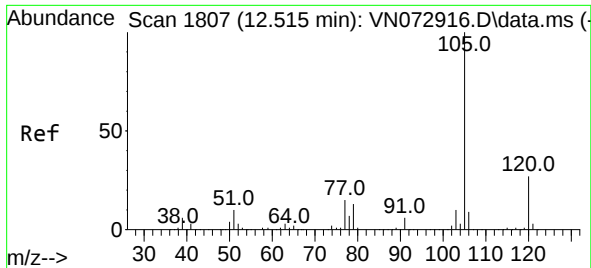
Tgt Ion:106 Resp: 983006
Ion Ratio Lower Upper
106 100
91 215.2 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073030.D
Acq: 22 Jun 2022 17:18

Tgt Ion:152 Resp: 256447
Ion Ratio Lower Upper
152 100
115 62.2 28.9 86.7
150 157.2 0.0 356.2

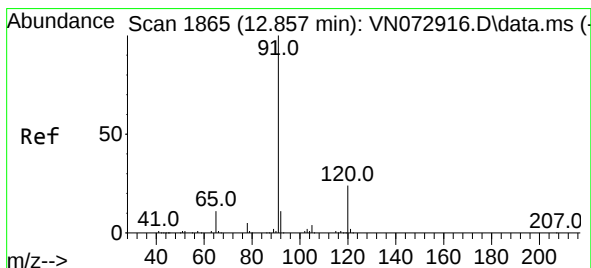
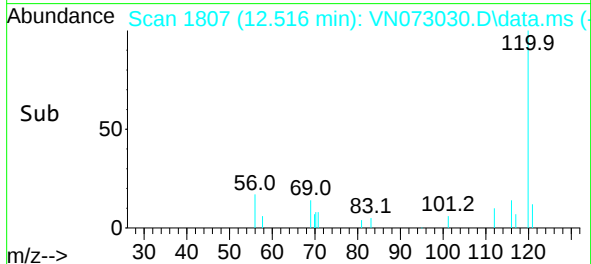
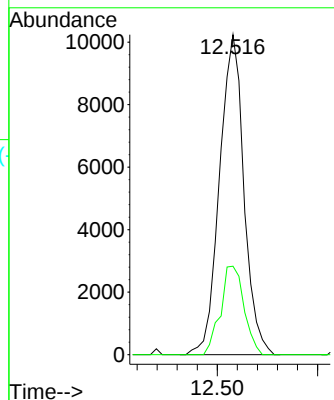
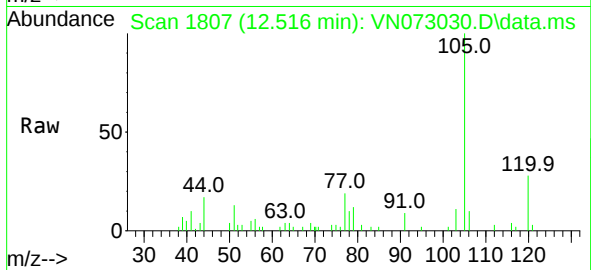




#73
Isopropylbenzene
Concen: 0.869 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN073030.D
Acq: 22 Jun 2022 17:18

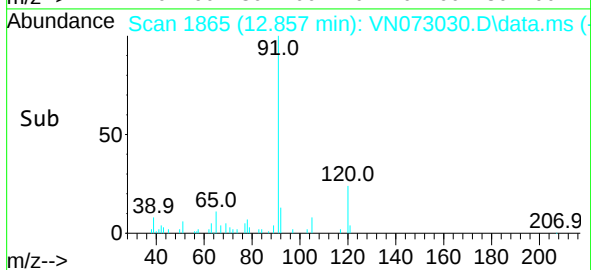
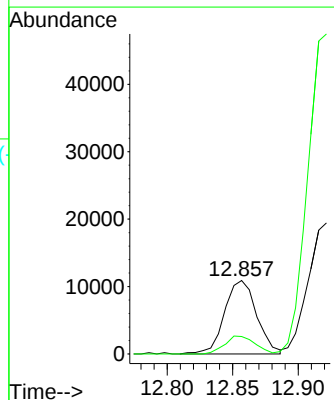
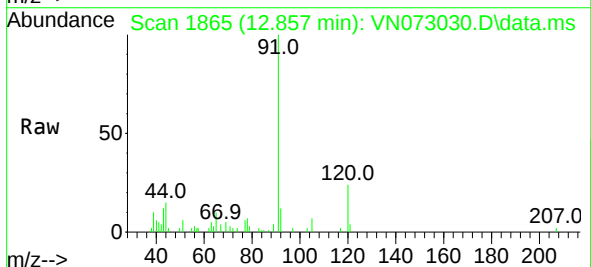
Instrument :
MSVOA_N
ClientSampleId :
MW-1

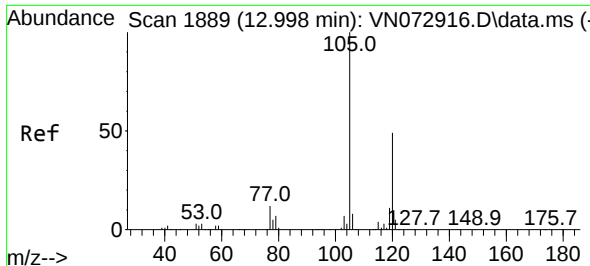
Tgt Ion:105 Resp: 17240
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4



#78
n-propylbenzene
Concen: 0.851 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073030.D
Acq: 22 Jun 2022 17:18

Tgt Ion: 91 Resp: 18578
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.5

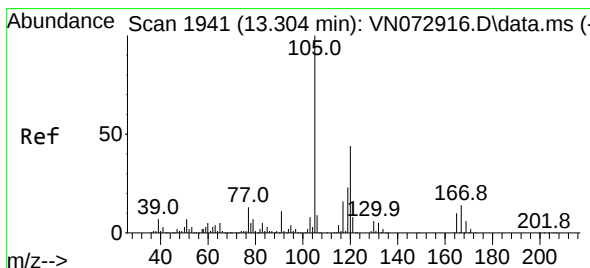
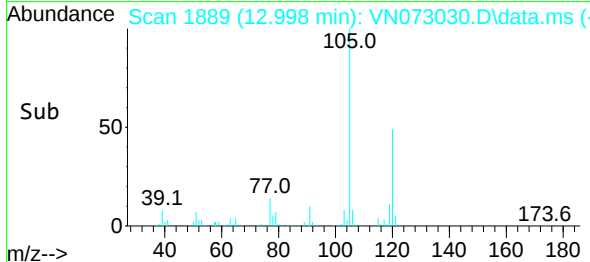
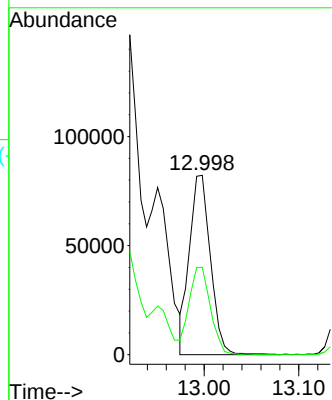
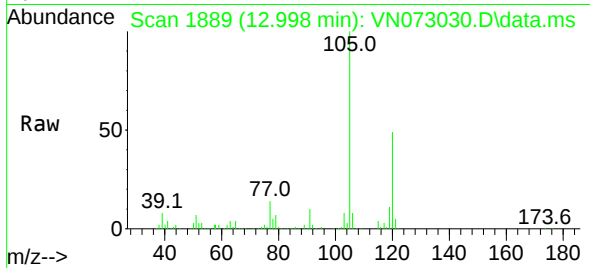




#80
 1,3,5-Trimethylbenzene
 Concen: 7.795 ug/l
 RT: 12.998 min Scan# 1889
 Delta R.T. 0.000 min
 Lab File: VN073030.D
 Acq: 22 Jun 2022 17:18

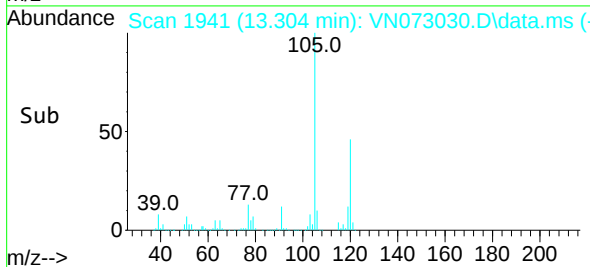
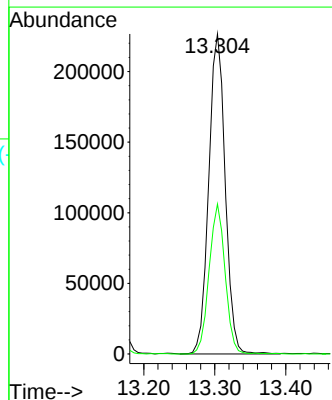
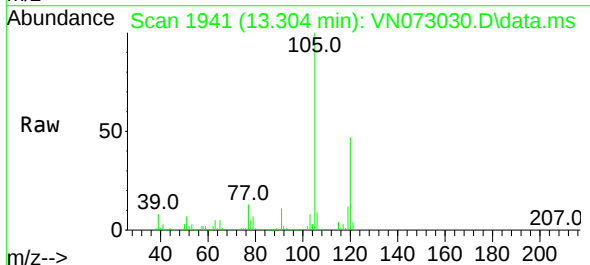
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

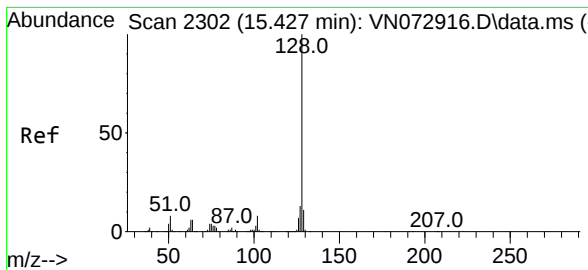
Tgt Ion:105 Resp: 127038
 Ion Ratio Lower Upper
 105 100
 120 51.3 24.9 74.7



#84
 1,2,4-Trimethylbenzene
 Concen: 22.497 ug/l
 RT: 13.304 min Scan# 1941
 Delta R.T. 0.000 min
 Lab File: VN073030.D
 Acq: 22 Jun 2022 17:18

Tgt Ion:105 Resp: 365154
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.3 69.8





#95
Naphthalene
Concen: 2.102 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073030.D
Acq: 22 Jun 2022 17:18

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion:	128	Resp:	41640
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.7	8.6	13.0

