

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072073.D
 Acq On : 20 Apr 2022 13:04
 Operator : JC\MD
 Sample : N2452-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-15-1-5

Quant Time: Apr 20 15:36:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.080	168	483175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	753370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	694182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	271353	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	271506	49.221	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.440%
35) Dibromofluoromethane	8.016	113	232294	52.399	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.800%
50) Toluene-d8	10.439	98	905078	49.908	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.820%
62) 4-Bromofluorobenzene	12.727	95	282710	48.202	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.400%

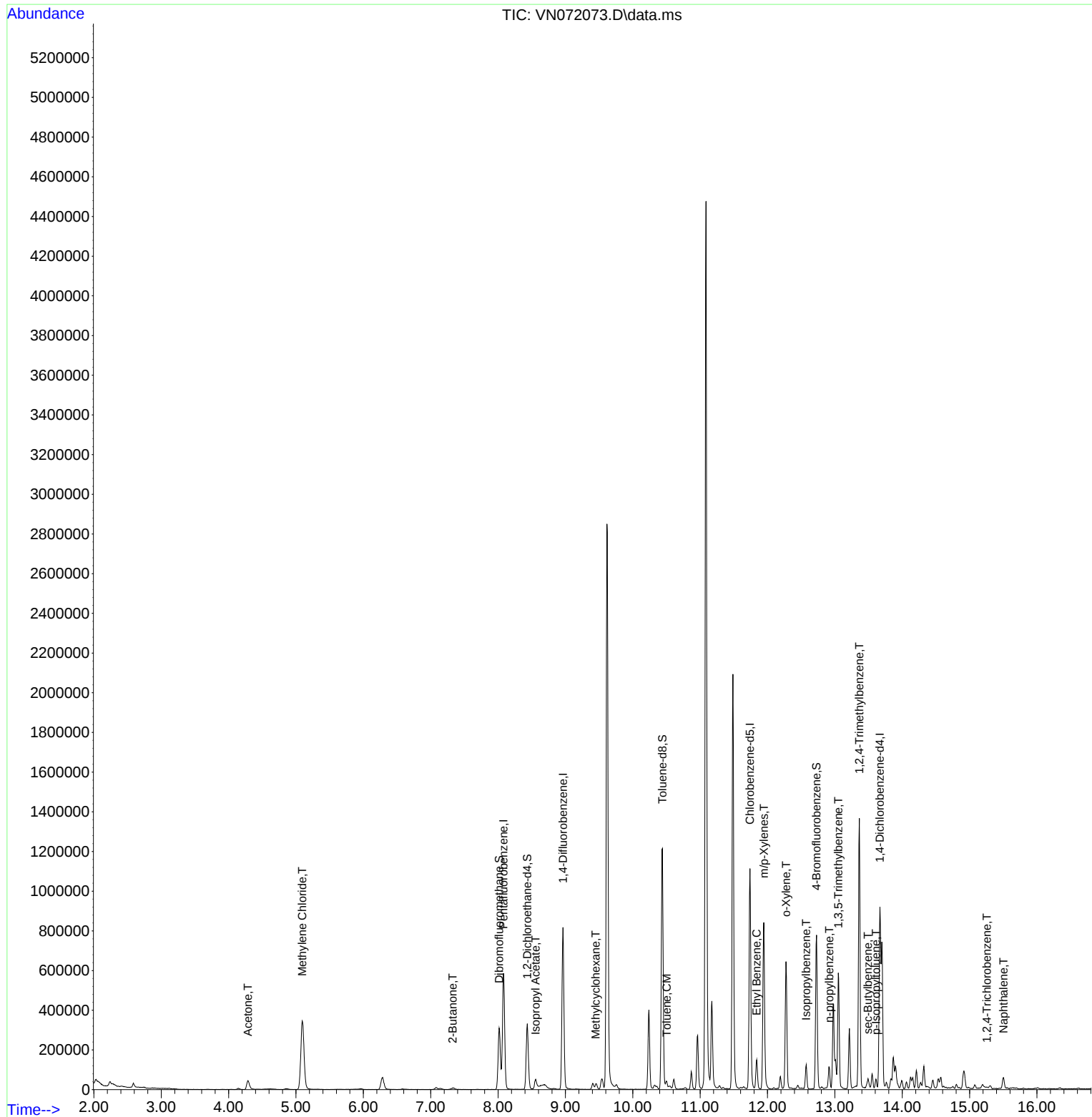
Target Compounds						Qvalue
16) Acetone	4.287	43	80832	34.289	ug/l	91
20) Methylene Chloride	5.092	84	310591	62.510	ug/l	96
25) 2-Butanone	7.328	43	13016	3.830	ug/l	98
39) Methylcyclohexane	9.451	83	11803	1.602	ug/l	94
43) Isopropyl Acetate	8.557	43	58390	5.181	ug/l #	86
52) Toluene	10.504	92	16236	1.313	ug/l	93
67) Ethyl Benzene	11.839	91	102180	4.342	ug/l	98
68) m/p-Xylenes	11.945	106	271070	29.982	ug/l	100
69) o-Xylene	12.274	106	192058	21.402	ug/l	98
73) Isopropylbenzene	12.574	105	81625	3.570	ug/l	100
78) n-propylbenzene	12.915	91	96704	4.020	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	334049	18.438	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	806588	45.630	ug/l	100
85) sec-Butylbenzene	13.492	105	28290	1.318	ug/l #	74
86) p-Isopropyltoluene	13.610	119	23121	1.351	ug/l	95
93) 1,2,4-Trichlorobenzene	15.256	180	2116	2.555	ug/l #	87
95) Naphthalene	15.504	128	60721	8.343	ug/l	98

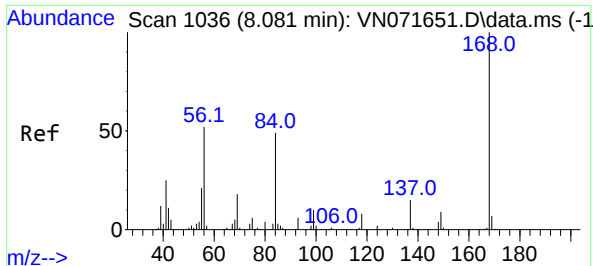
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 20 15:36:06 2022
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Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
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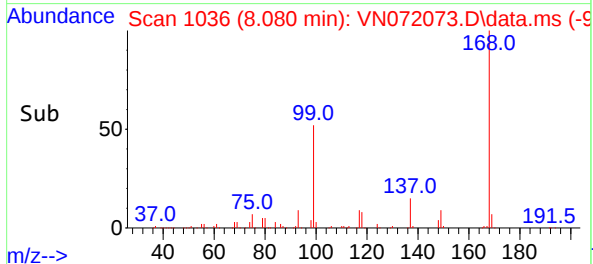
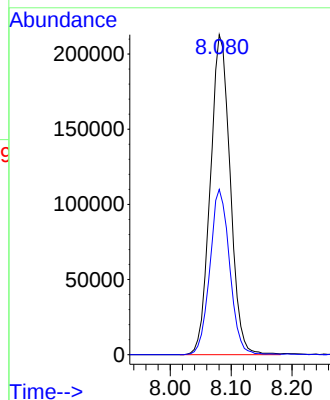
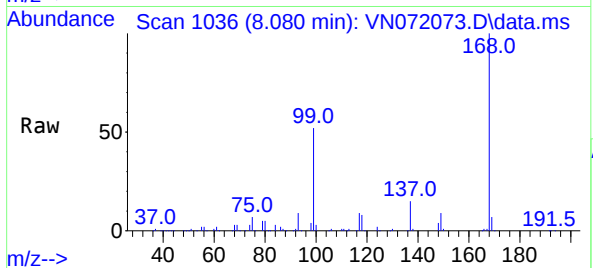




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

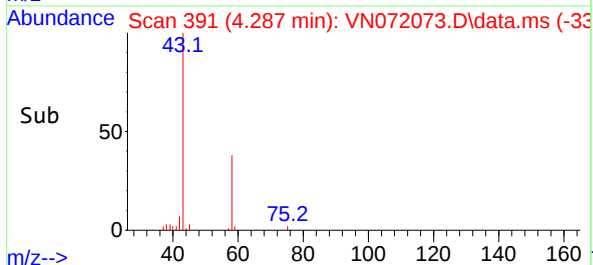
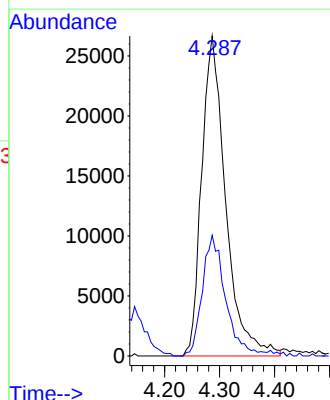
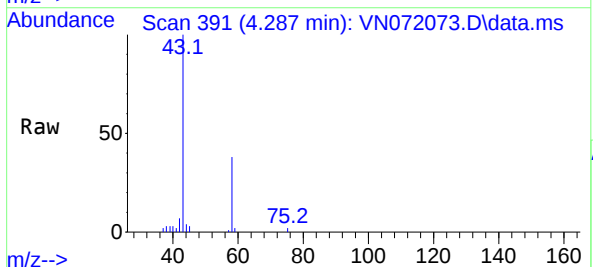
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5

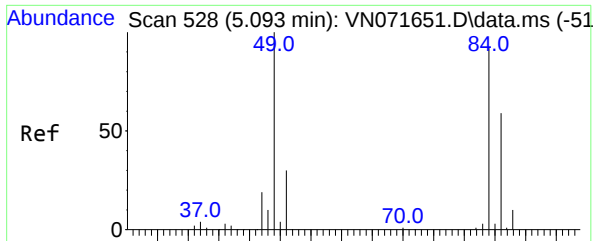
Tgt Ion:168 Resp: 483175
Ion Ratio Lower Upper
168 100
99 51.6 42.3 63.5



#16
Acetone
Concen: 34.289 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

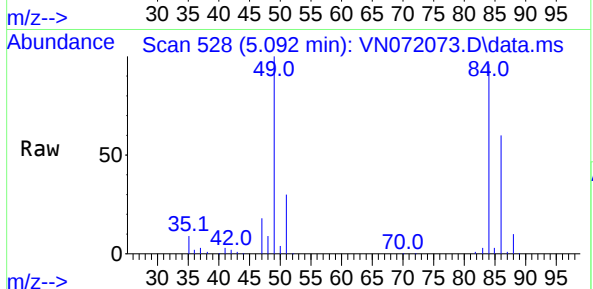
Tgt Ion: 43 Resp: 80832
Ion Ratio Lower Upper
43 100
58 37.7 26.0 39.0





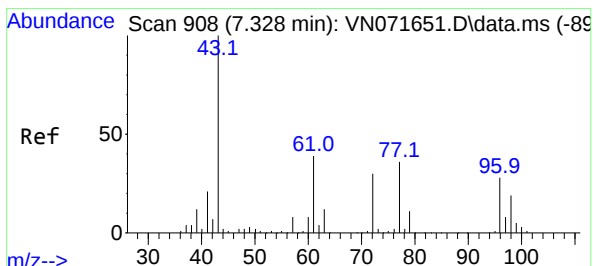
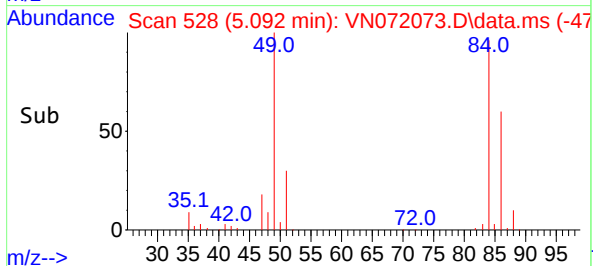
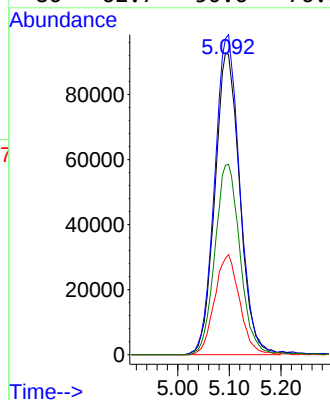
#20
Methylene Chloride
Concen: 62.510 ug/l
RT: 5.092 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5



Tgt Ion: 84 Resp: 310591

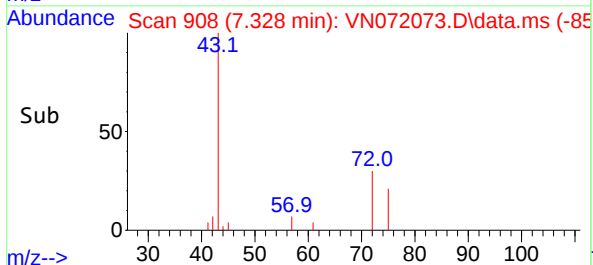
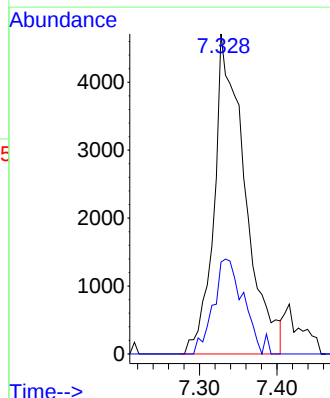
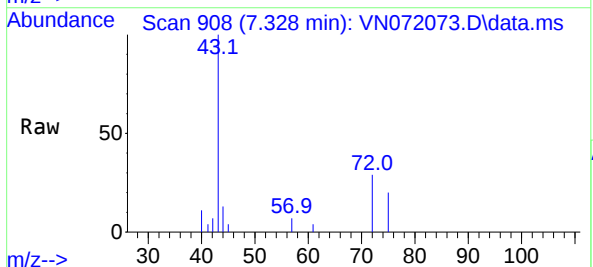
Ion	Ratio	Lower	Upper
84	100		
49	104.7	88.3	132.5
51	31.9	28.2	42.2
86	62.7	50.6	76.0

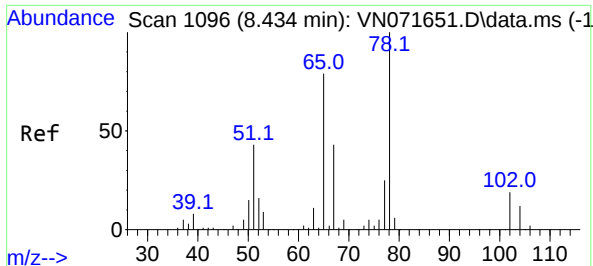


#25
2-Butanone
Concen: 3.830 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Tgt Ion: 43 Resp: 13016

Ion	Ratio	Lower	Upper
43	100		
72	28.7	23.7	35.5





#33

1,2-Dichloroethane-d4

Concen: 49.221 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072073.D

Acq: 20 Apr 2022 13:04

Instrument :

MSVOA_N

ClientSampleId :

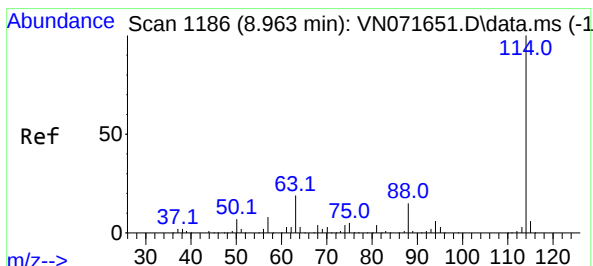
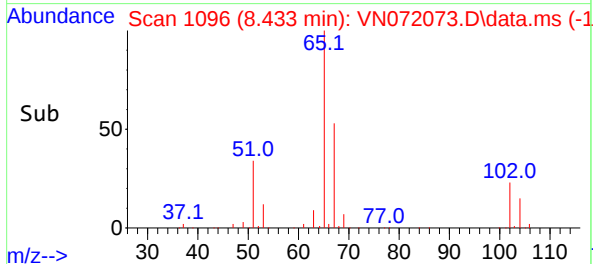
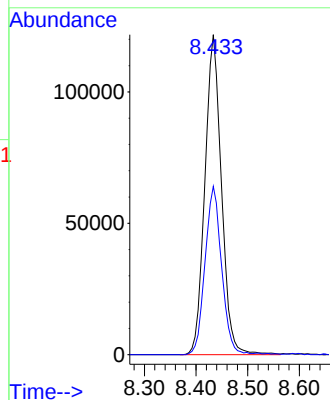
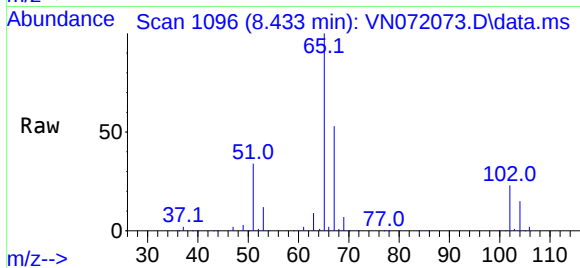
WC-15-1-5

Tgt Ion: 65 Resp: 271506

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072073.D

Acq: 20 Apr 2022 13:04

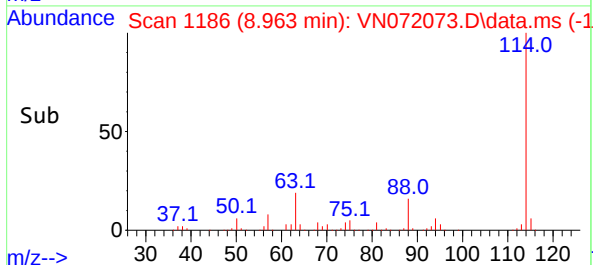
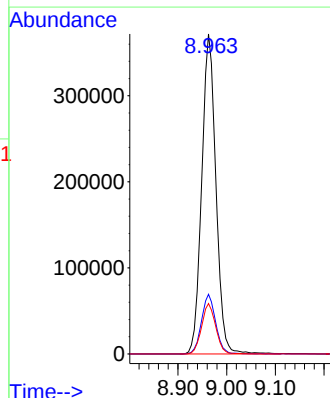
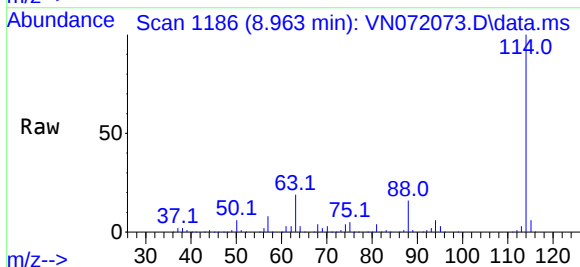
Tgt Ion: 114 Resp: 753370

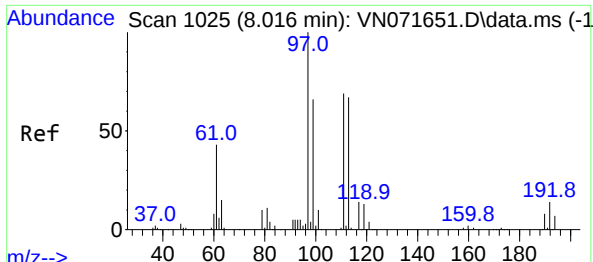
Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 15.7 0.0 32.6

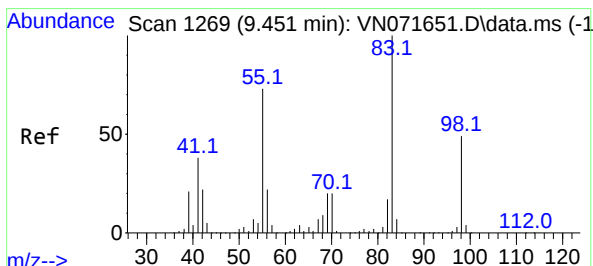
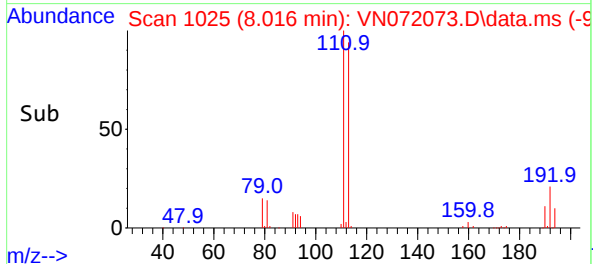
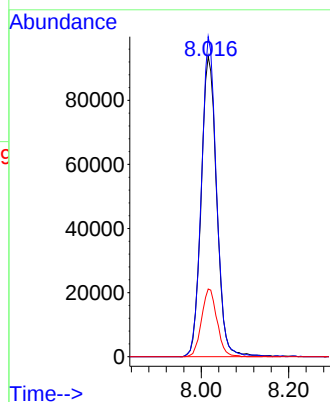
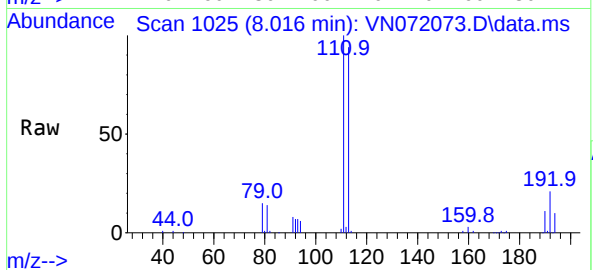




#35
Dibromofluoromethane
Concen: 52.399 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

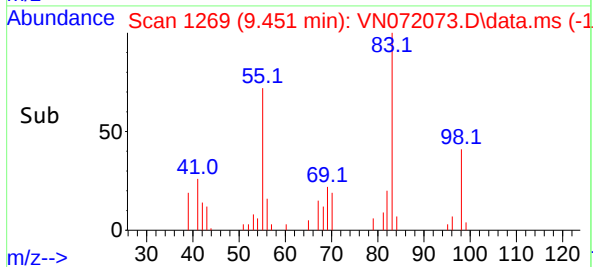
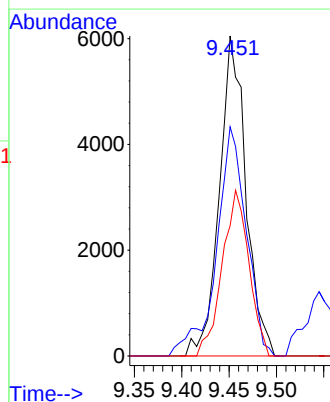
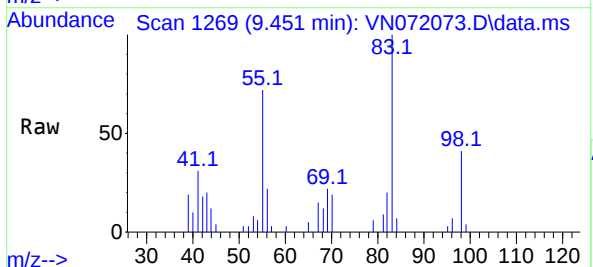
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5

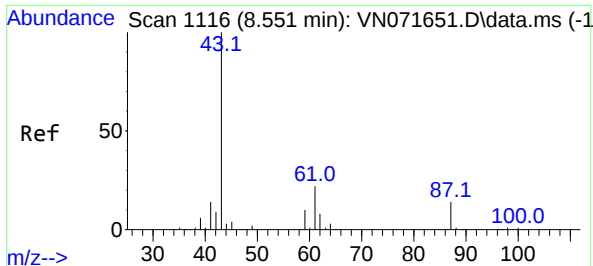
Tgt Ion:113 Resp: 232294
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 22.4 17.0 25.6



#39
Methylcyclohexane
Concen: 1.602 ug/l
RT: 9.451 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Tgt Ion: 83 Resp: 11803
Ion Ratio Lower Upper
83 100
55 71.6 57.8 86.8
98 40.7 39.4 59.2

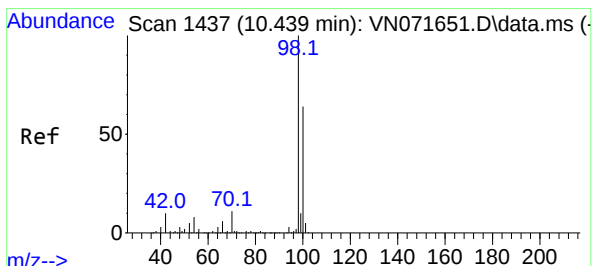
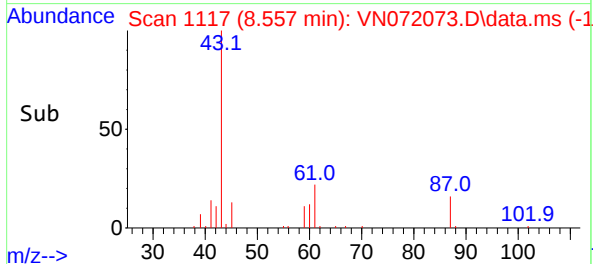
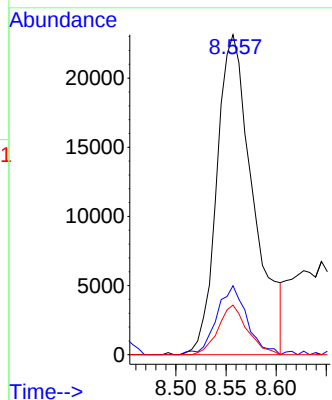
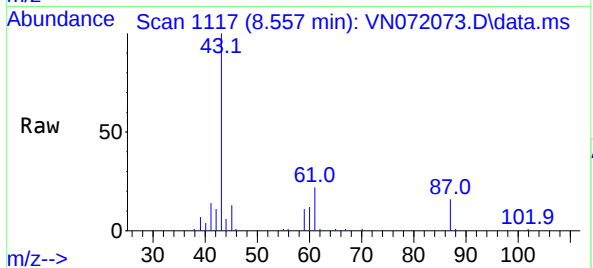




#43
Isopropyl Acetate
Concen: 5.181 ug/l
RT: 8.557 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

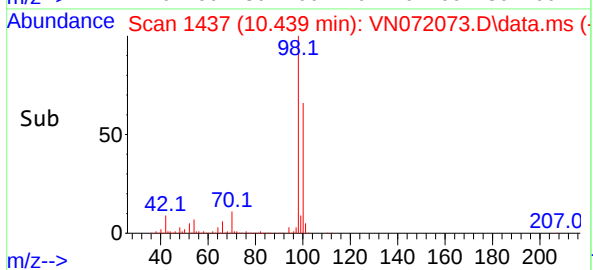
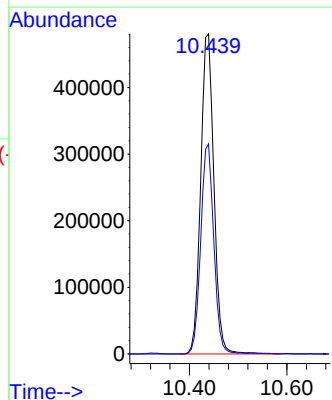
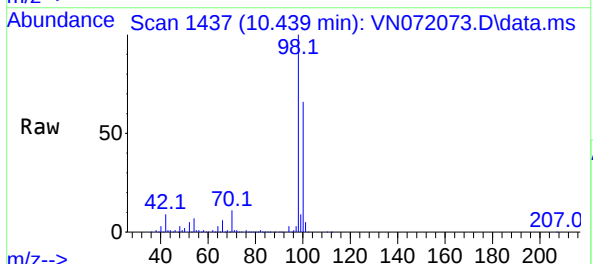
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WC-15-1-5

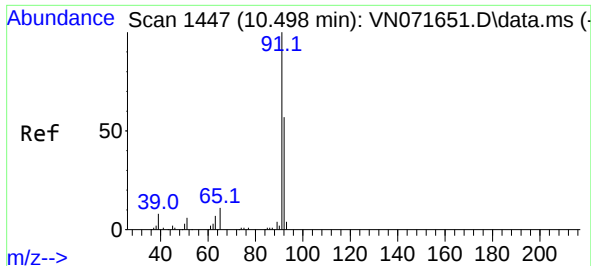
Tgt Ion: 43 Resp: 58390
Ion Ratio Lower Upper
43 100
61 18.1 21.9 32.9#
87 12.4 12.0 18.0



#50
Toluene-d8
Concen: 49.908 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Tgt Ion: 98 Resp: 905078
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

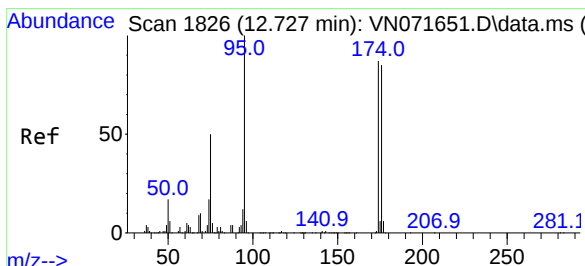
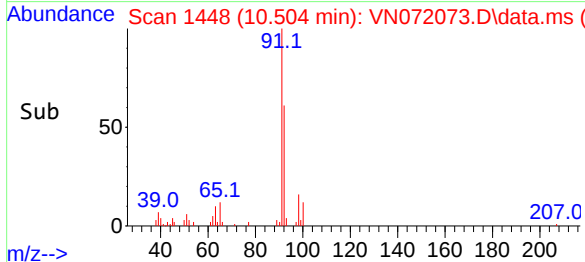
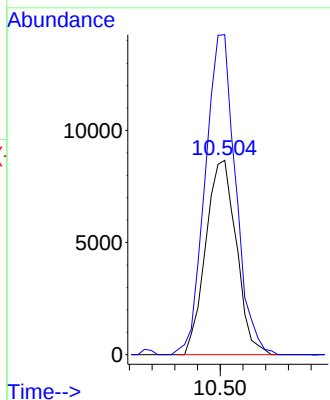
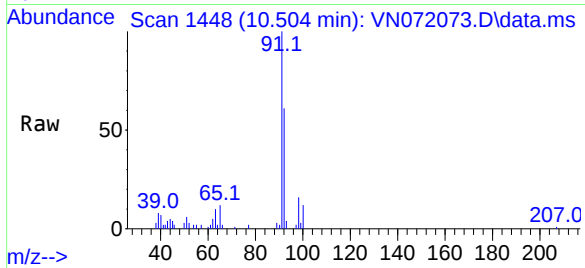




#52
Toluene
Concen: 1.313 ug/l
RT: 10.504 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

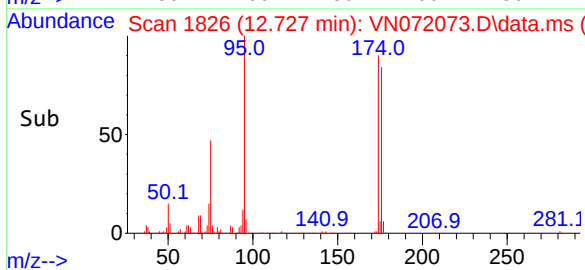
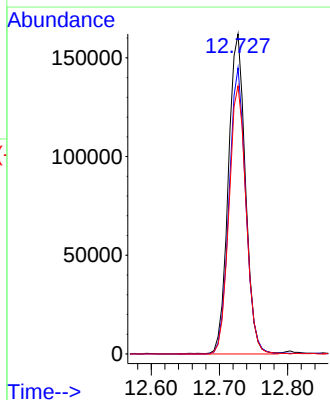
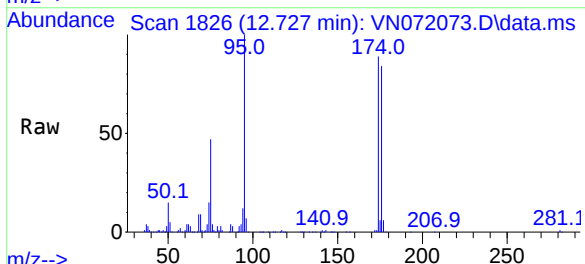
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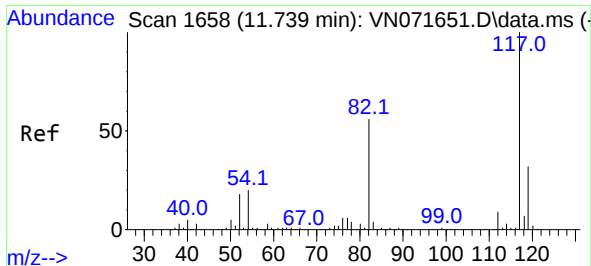
Tgt Ion: 92 Resp: 16236
Ion Ratio Lower Upper
92 100
91 163.9 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 48.202 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Tgt Ion: 95 Resp: 282710
Ion Ratio Lower Upper
95 100
174 87.1 0.0 167.6
176 83.6 0.0 163.4

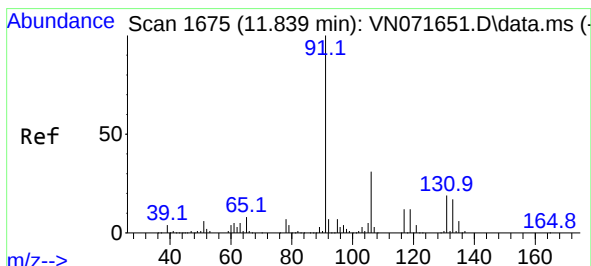
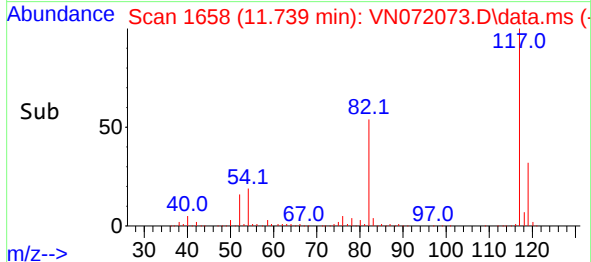
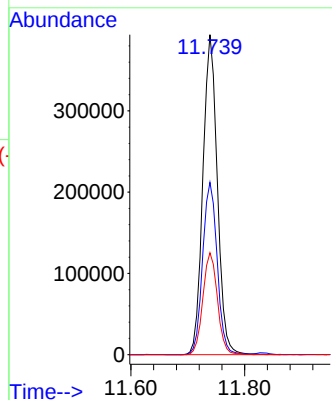
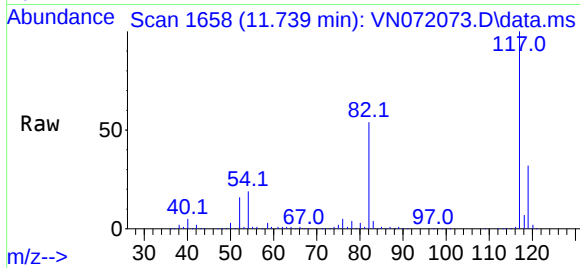




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

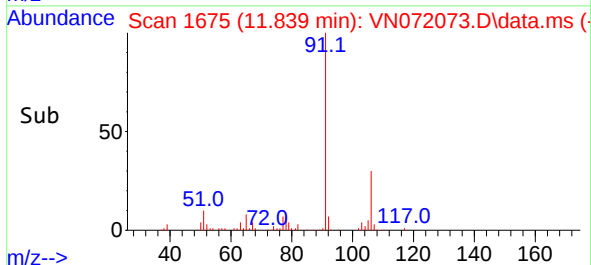
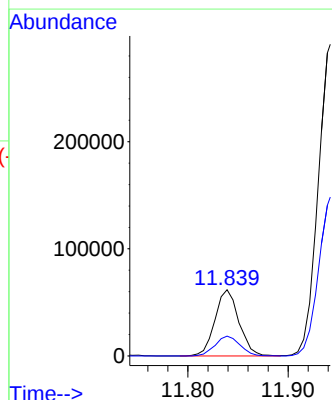
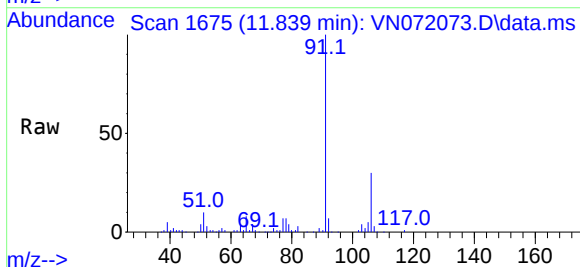
Instrument :
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WC-15-1-5

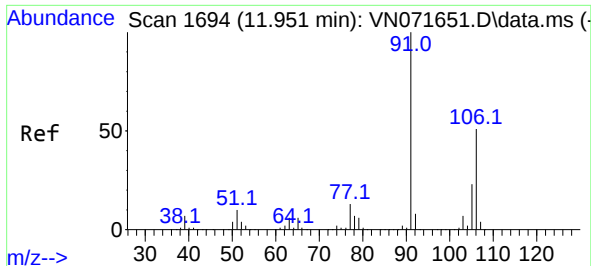
Tgt Ion:117 Resp: 694182
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 31.8 25.4 38.0



#67
Ethyl Benzene
Concen: 4.342 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Tgt Ion: 91 Resp: 102180
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3

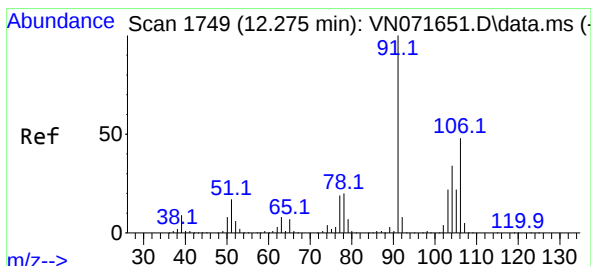
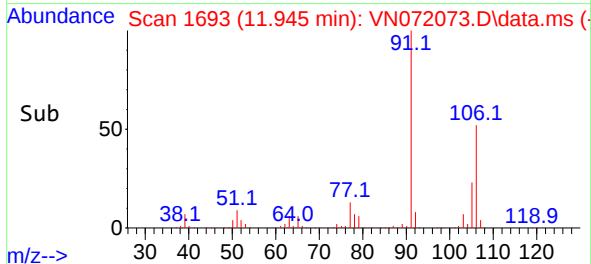
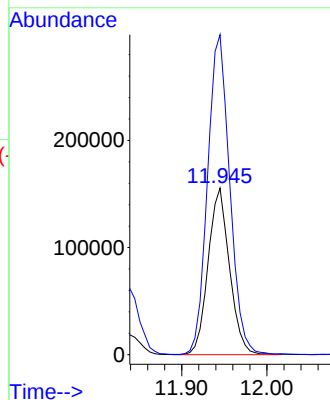
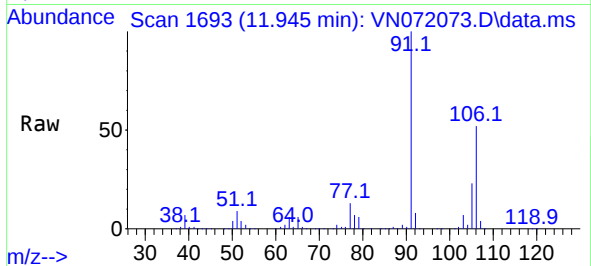




#68
m/p-Xylenes
Concen: 29.982 ug/l
RT: 11.945 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

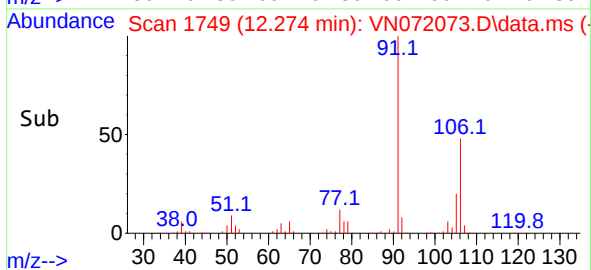
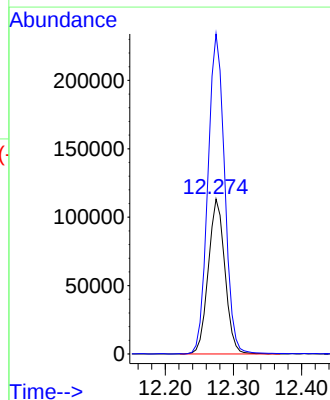
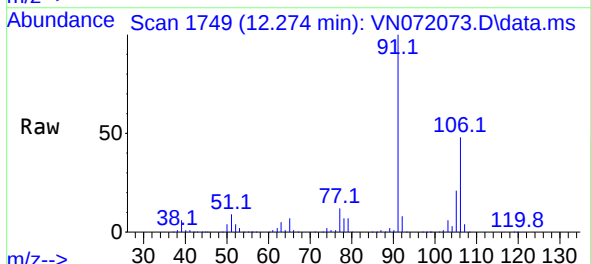
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5

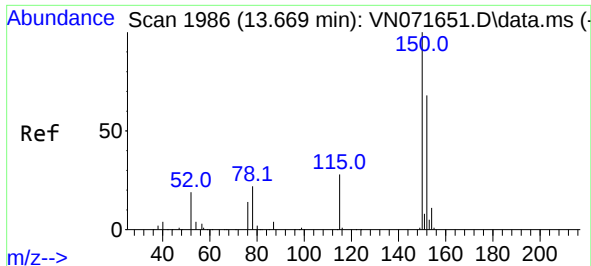
Tgt Ion:106 Resp: 271070
Ion Ratio Lower Upper
106 100
91 199.1 158.9 238.3



#69
o-Xylene
Concen: 21.402 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Tgt Ion:106 Resp: 192058
Ion Ratio Lower Upper
106 100
91 208.9 106.0 318.0

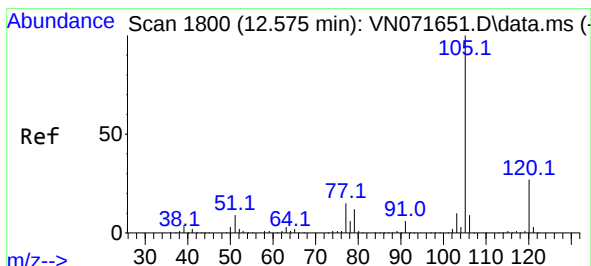
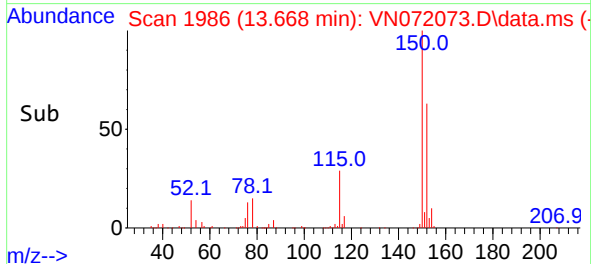
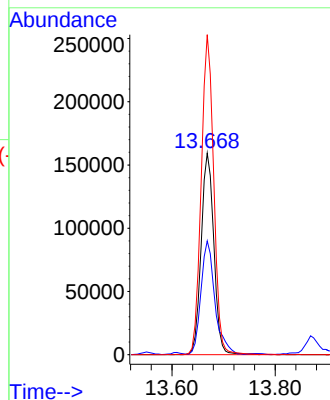
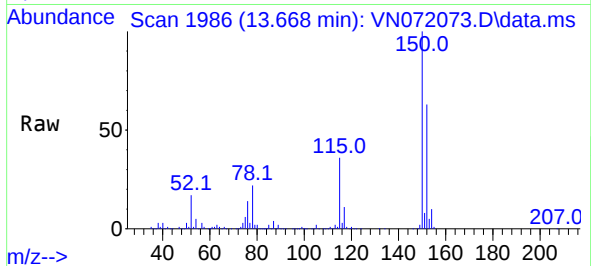




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

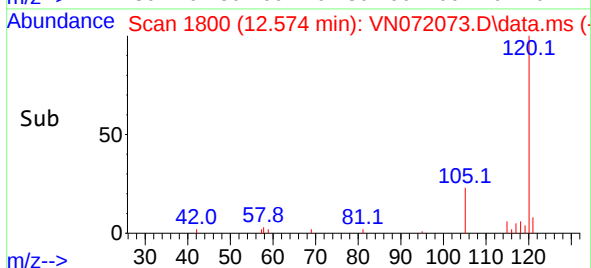
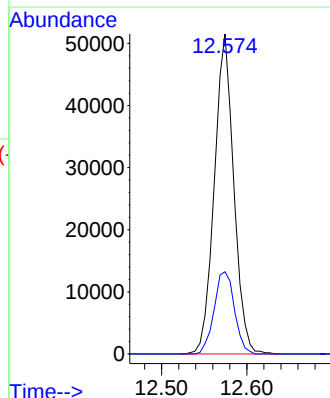
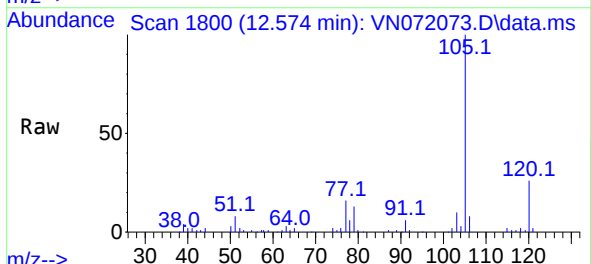
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5

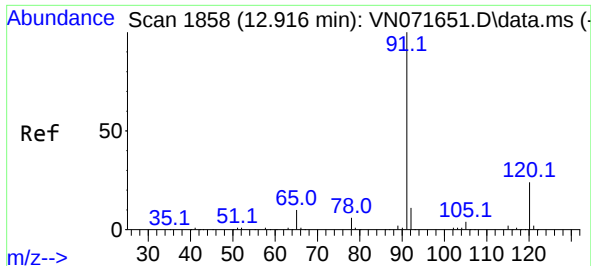
Tgt Ion:152 Resp: 271353
Ion Ratio Lower Upper
152 100
115 61.5 28.9 86.7
150 156.7 0.0 356.2



#73
Isopropylbenzene
Concen: 3.570 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Tgt Ion:105 Resp: 81625
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4

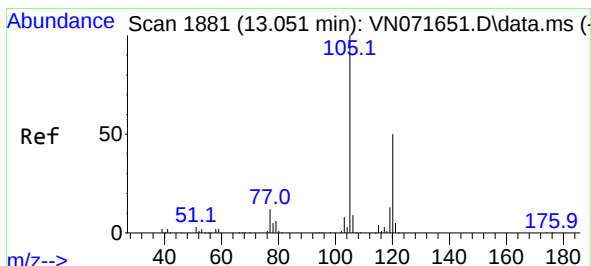
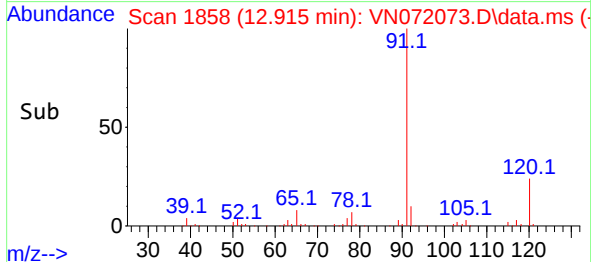
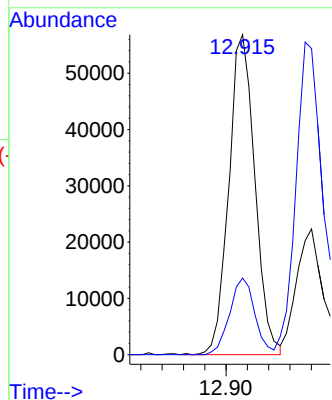
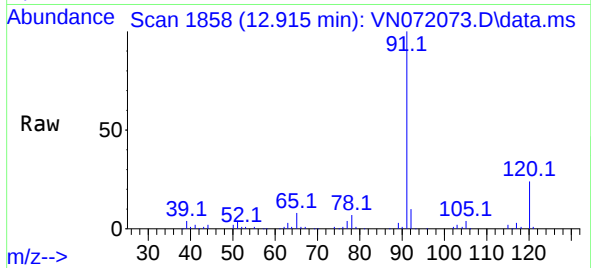




#78
n-propylbenzene
Concen: 4.020 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

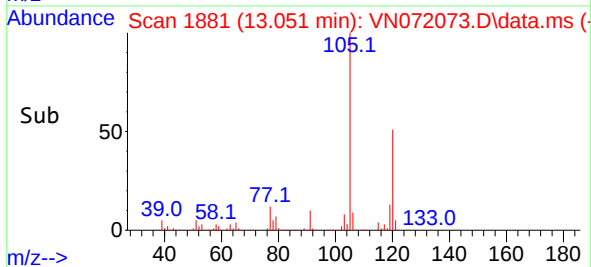
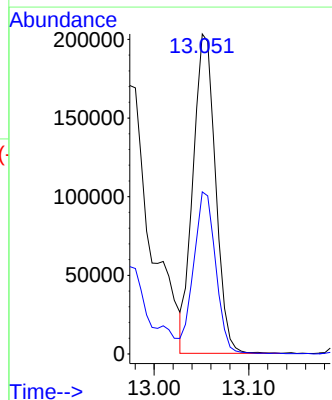
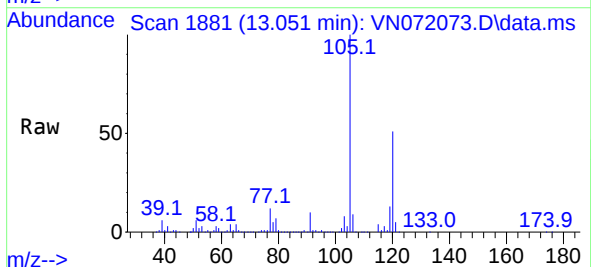
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5

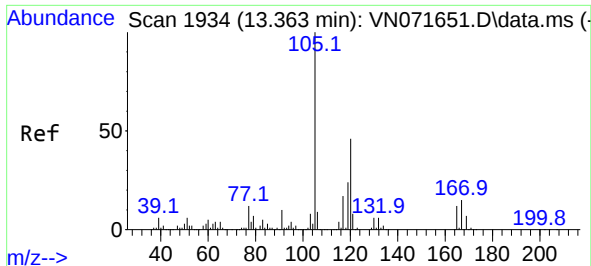
Tgt Ion: 91 Resp: 96704
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 18.438 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Tgt Ion:105 Resp: 334049
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.7

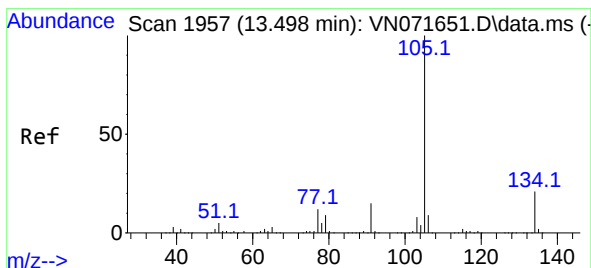
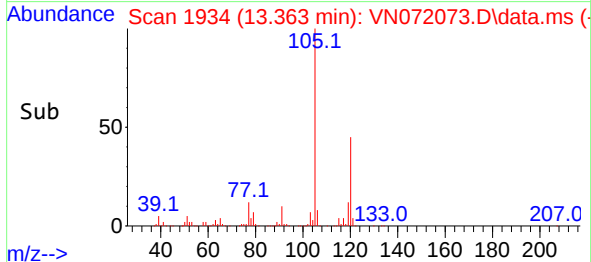
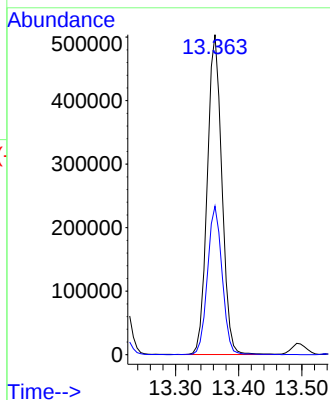
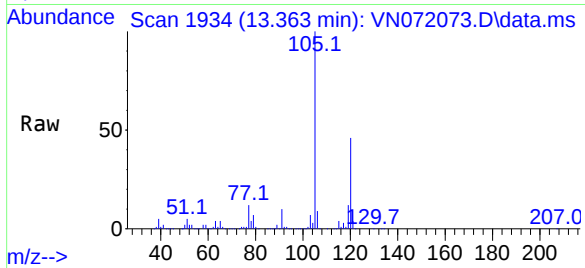




#84
1,2,4-Trimethylbenzene
Concen: 45.630 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

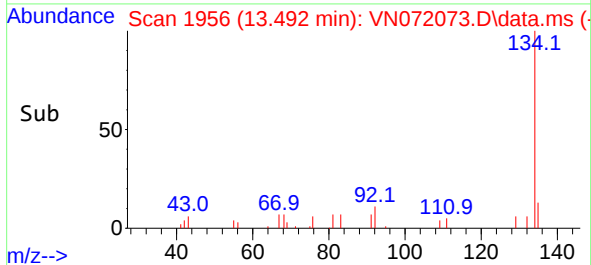
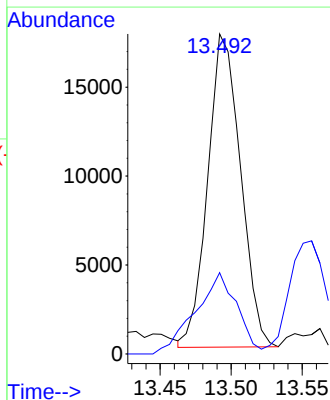
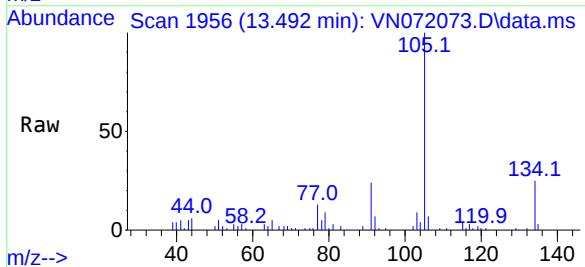
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5

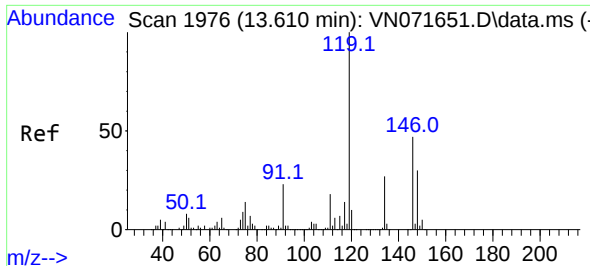
Tgt Ion:105 Resp: 806588
Ion Ratio Lower Upper
105 100
120 46.7 23.3 69.8



#85
sec-Butylbenzene
Concen: 1.318 ug/l
RT: 13.492 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

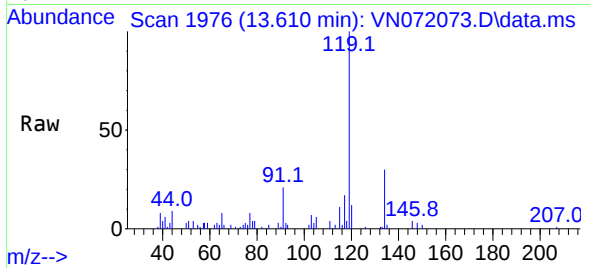
Tgt Ion:105 Resp: 28290
Ion Ratio Lower Upper
105 100
134 32.9 10.4 31.1#





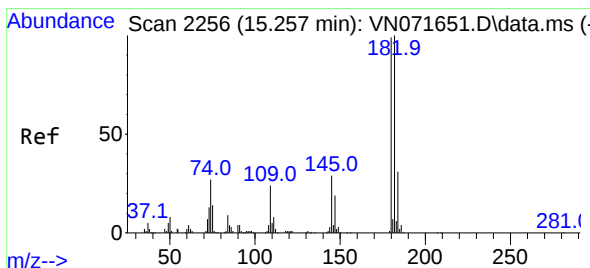
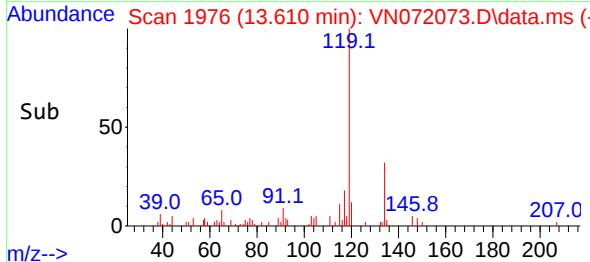
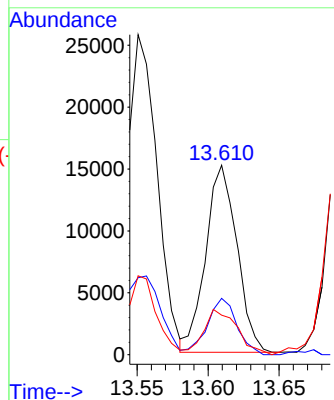
#86
p-Isopropyltoluene
Concen: 1.351 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5



Tgt Ion:119 Resp: 23121

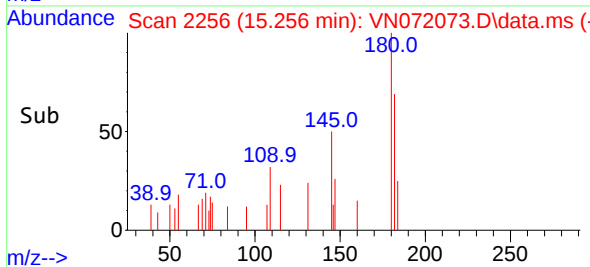
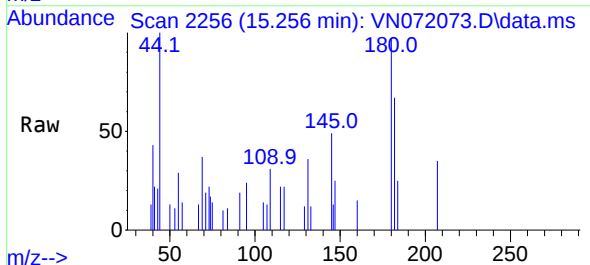
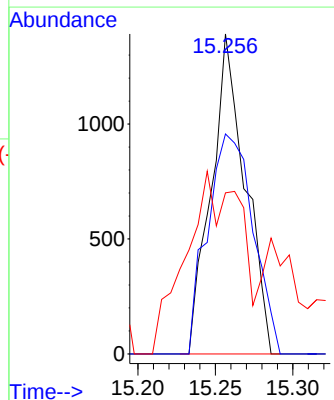
Ion	Ratio	Lower	Upper
119	100		
134	28.7	13.3	39.8
91	25.9	11.3	33.9

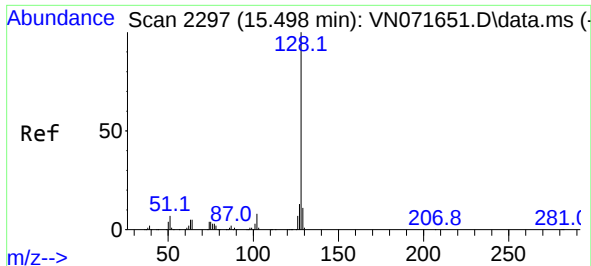


#93
1,2,4-Trichlorobenzene
Concen: 2.555 ug/l
RT: 15.256 min Scan# 2256
Delta R.T. -0.001 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Tgt Ion:180 Resp: 2116

Ion	Ratio	Lower	Upper
180	100		
182	92.5	47.5	142.5
145	54.0	14.5	43.5





#95
Naphthalene
Concen: 8.343 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5

Tgt Ion:128 Resp: 60721
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 11.7 8.6 13.0

