

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041922\
 Data File : VN072058.D
 Acq On : 19 Apr 2022 18:38
 Operator : JC\MD
 Sample : N2468-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-15-1-8

Quant Time: Apr 20 01:28:25 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)

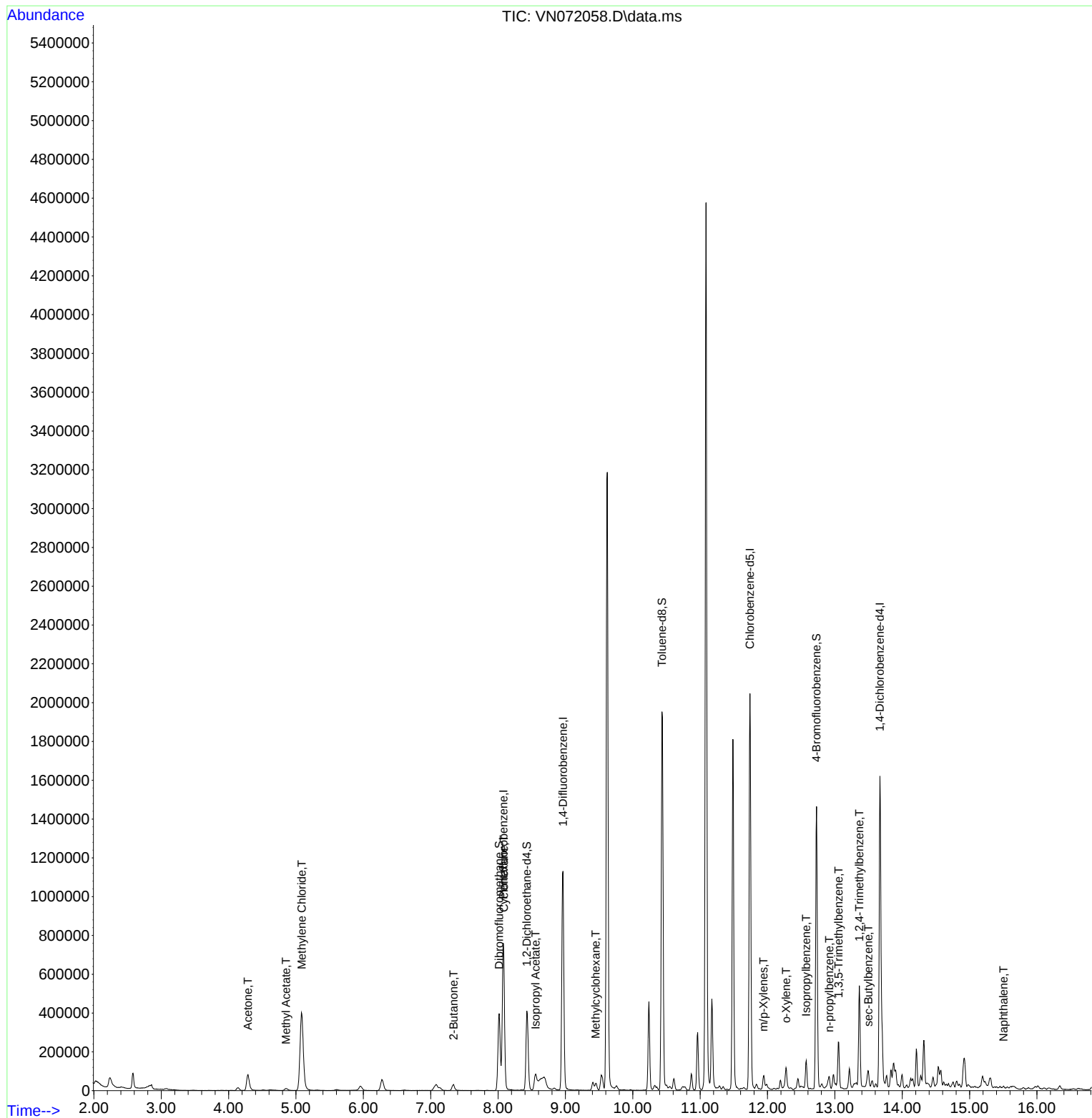
Internal Standards						
1) Pentafluorobenzene	8.081	168	641102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1092290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1265517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	484339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	340905	46.579	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.160%		
35) Dibromofluoromethane	8.016	113	296264	46.093	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.180%		
50) Toluene-d8	10.433	98	1447076	55.036	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	110.080%		
62) 4-Bromofluorobenzene	12.727	95	523250	61.532	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	123.060%		
Target Compounds					Qvalue	
16) Acetone	4.287	43	146132	46.720	ug/l	95
18) Methyl Acetate	4.851	43	22428	1.425	ug/l	99
20) Methylene Chloride	5.087	84	371985	56.424	ug/l	95
25) 2-Butanone	7.339	43	52412	11.623	ug/l	95
31) Cyclohexane	8.086	56	21745	2.185	ug/l #	57
39) Methylcyclohexane	9.451	83	16051	1.502	ug/l	97
43) Isopropyl Acetate	8.557	43	103683	6.345	ug/l #	75
68) m/p-Xylenes	11.939	106	22254	1.350	ug/l	88
69) o-Xylene	12.274	106	30205	1.846	ug/l	96
73) Isopropylbenzene	12.574	105	97960	2.400	ug/l	99
78) n-propylbenzene	12.916	91	49598	1.155	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	129192	3.995	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	304223	9.642	ug/l	99
85) sec-Butylbenzene	13.498	105	47579	1.242	ug/l	79
95) Naphthalene	15.504	128	10300	4.234	ug/l #	91

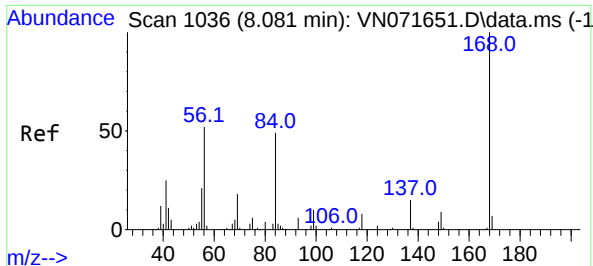
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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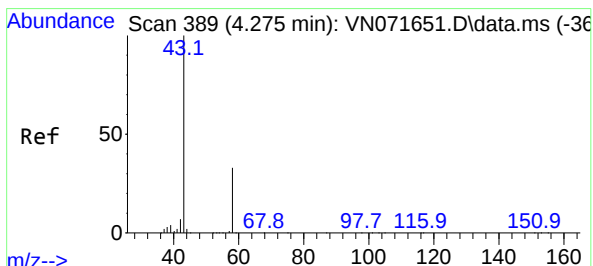
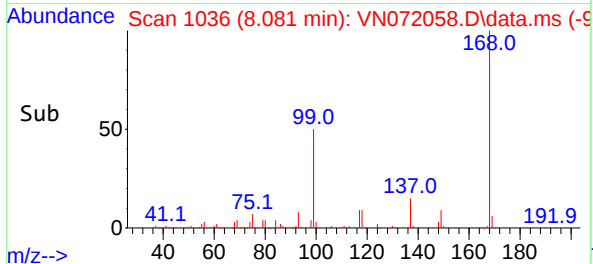
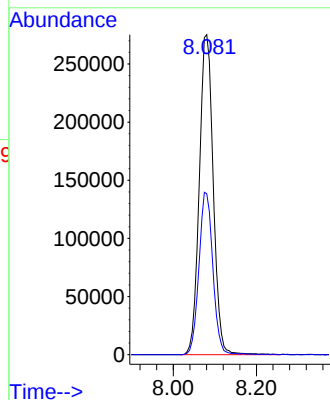
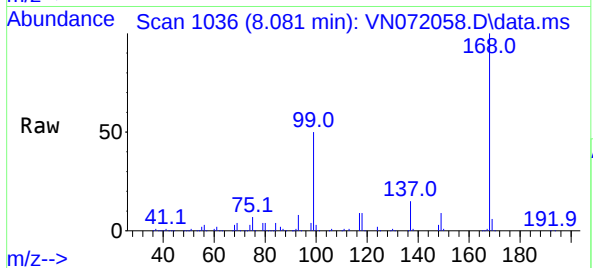




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072058.D
Acq: 19 Apr 2022 18:38

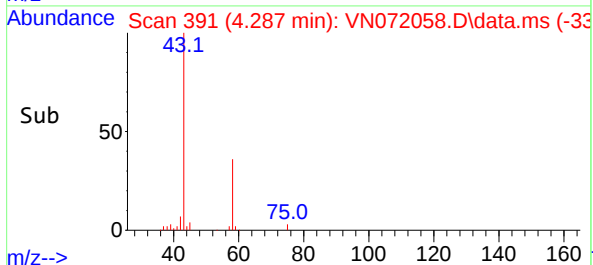
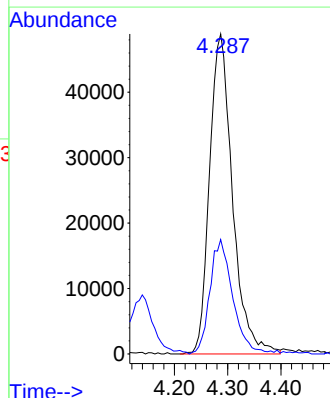
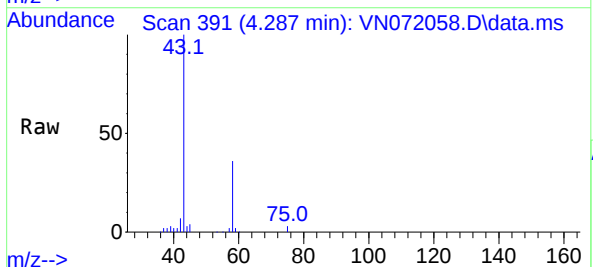
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-8

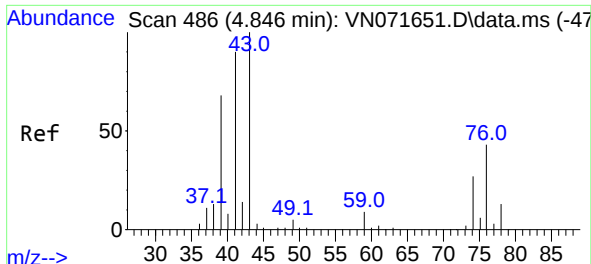
Tgt Ion:168 Resp: 641102
Ion Ratio Lower Upper
168 100
99 50.3 42.3 63.5



#16
Acetone
Concen: 46.720 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072058.D
Acq: 19 Apr 2022 18:38

Tgt Ion: 43 Resp: 146132
Ion Ratio Lower Upper
43 100
58 35.4 26.0 39.0

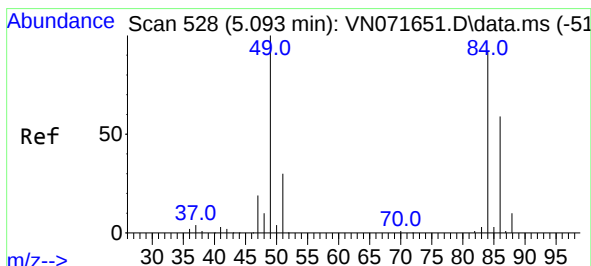
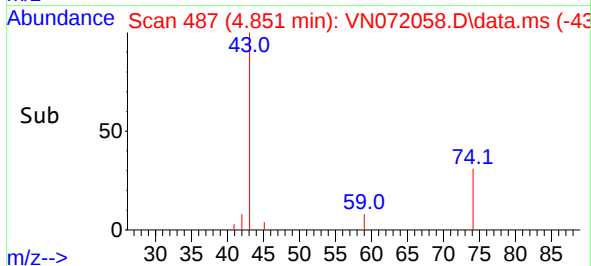
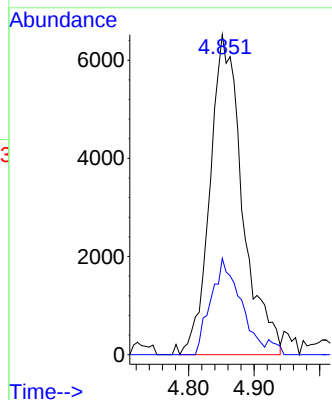
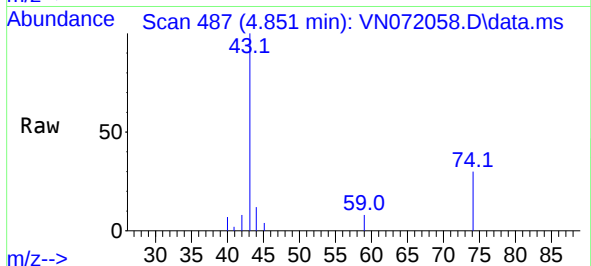




#18
Methyl Acetate
Concen: 1.425 ug/l
RT: 4.851 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN072058.D
Acq: 19 Apr 2022 18:38

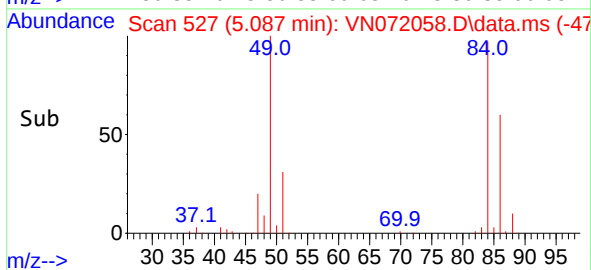
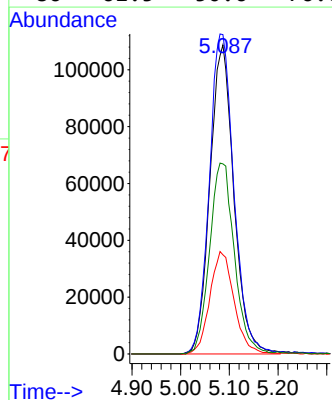
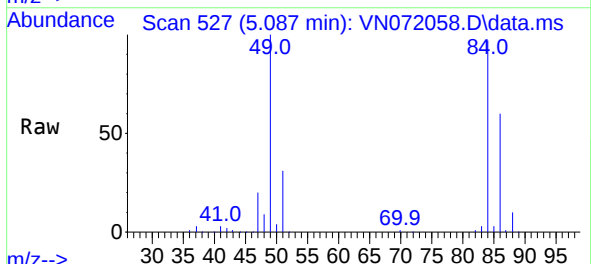
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-8

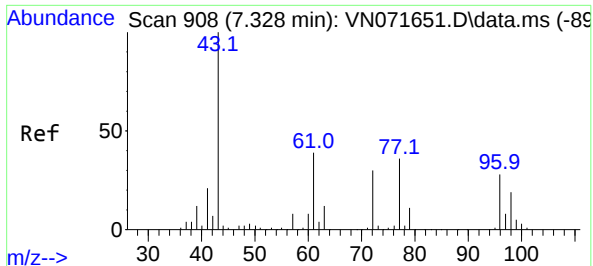
Tgt Ion: 43 Resp: 22428
Ion Ratio Lower Upper
43 100
74 27.3 21.6 32.4



#20
Methylene Chloride
Concen: 56.424 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN072058.D
Acq: 19 Apr 2022 18:38

Tgt Ion: 84 Resp: 371985
Ion Ratio Lower Upper
84 100
49 103.3 88.3 132.5
51 32.1 28.2 42.2
86 61.5 50.6 76.0

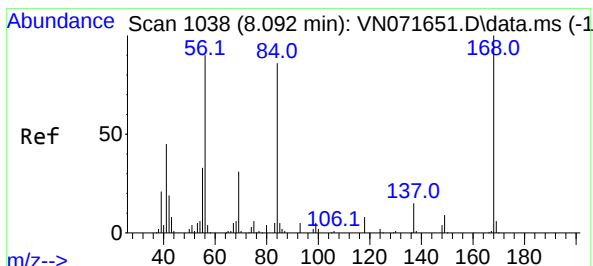
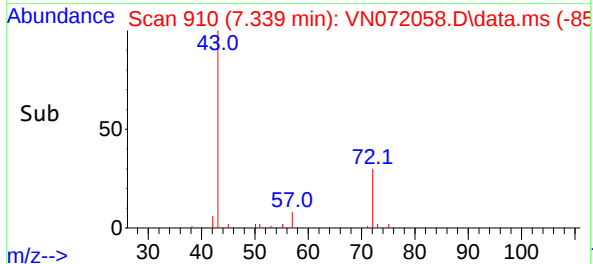
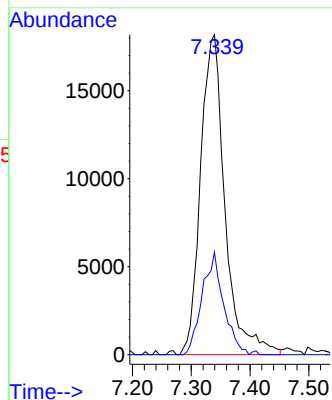
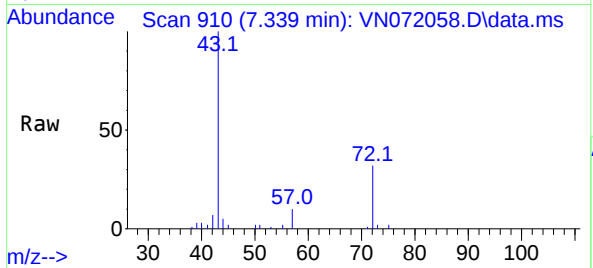




#25
2-Butanone
Concen: 11.623 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.011 min
Lab File: VN072058.D
Acq: 19 Apr 2022 18:38

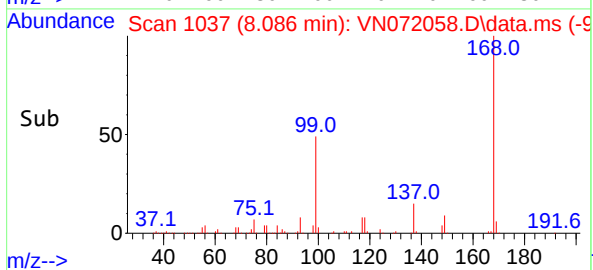
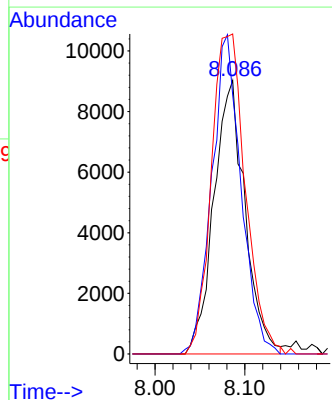
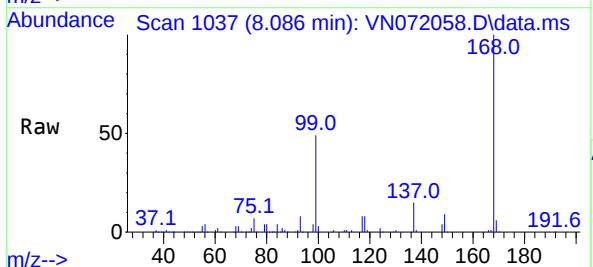
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-8

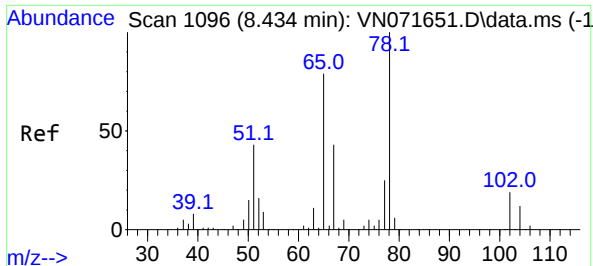
Tgt Ion: 43 Resp: 52412
Ion Ratio Lower Upper
43 100
72 32.0 23.7 35.5



#31
Cyclohexane
Concen: 2.185 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072058.D
Acq: 19 Apr 2022 18:38

Tgt Ion: 56 Resp: 21745
Ion Ratio Lower Upper
56 100
69 94.8 27.8 41.8#
84 117.0 76.9 115.3#

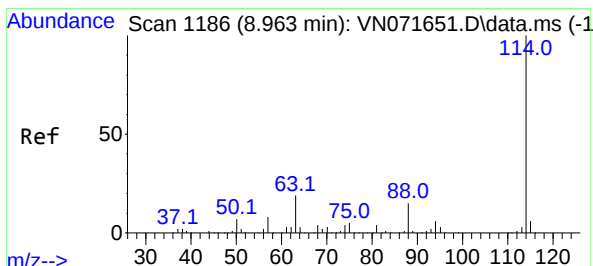
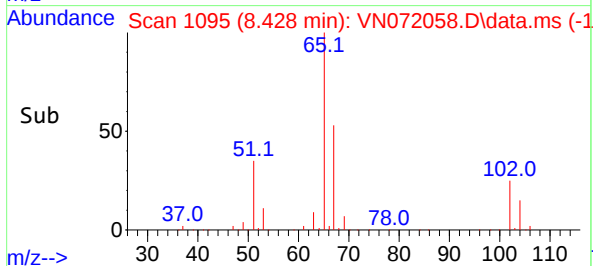
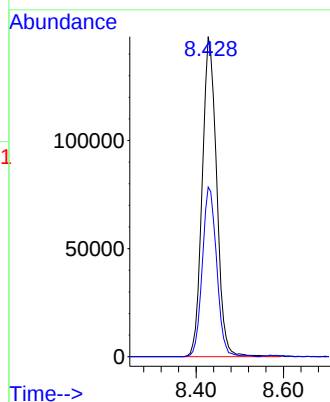
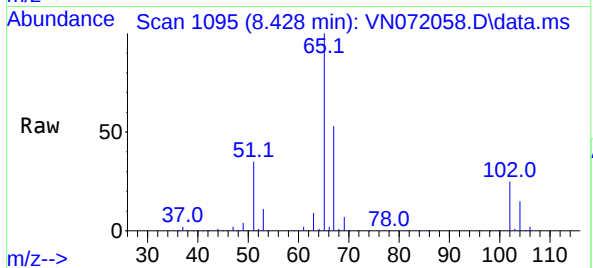




#33
1,2-Dichloroethane-d4
Concen: 46.579 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN072058.D
Acq: 19 Apr 2022 18:38

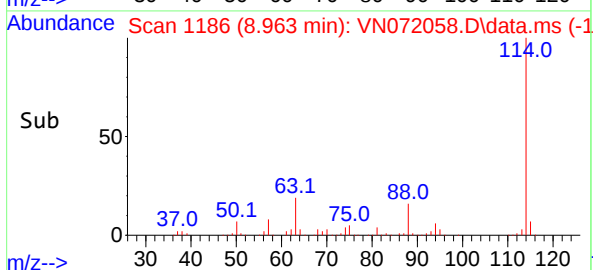
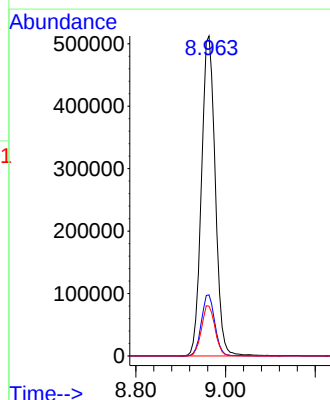
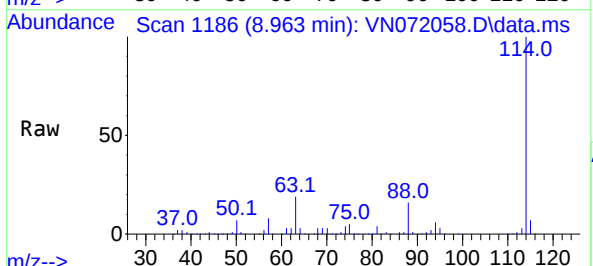
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-8

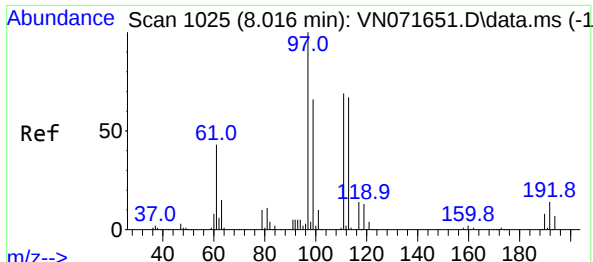
Tgt Ion: 65 Resp: 340905
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072058.D
Acq: 19 Apr 2022 18:38

Tgt Ion: 114 Resp: 1092290
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 15.6 0.0 32.6

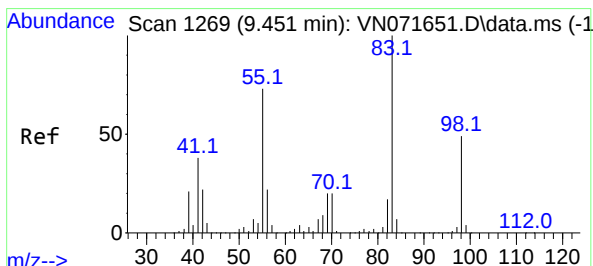
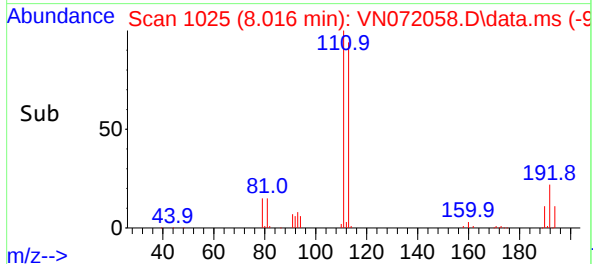
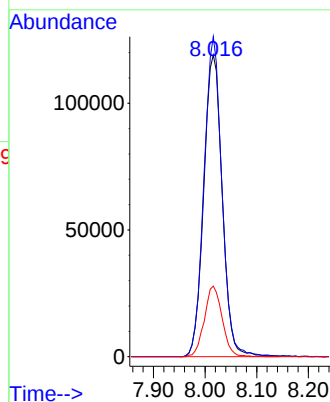
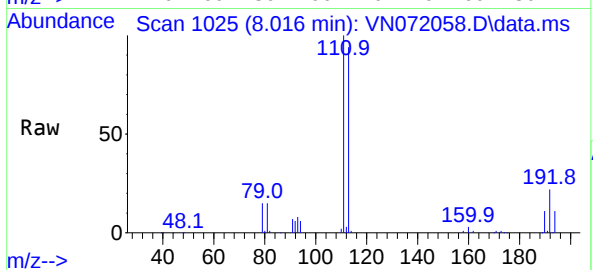




#35
Dibromofluoromethane
Concen: 46.093 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072058.D
Acq: 19 Apr 2022 18:38

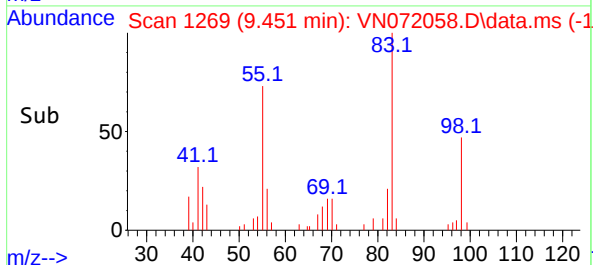
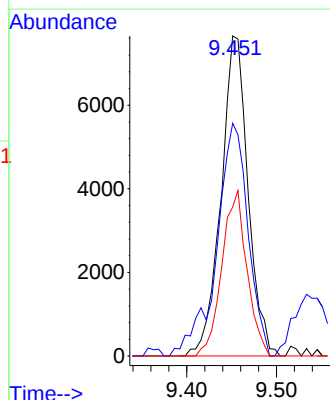
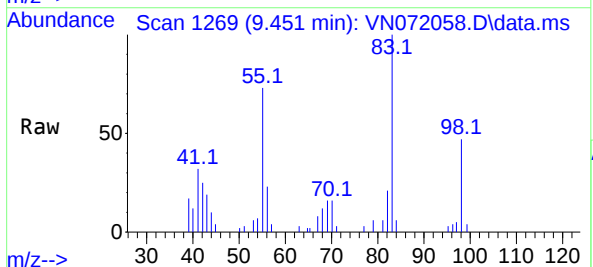
Instrument :
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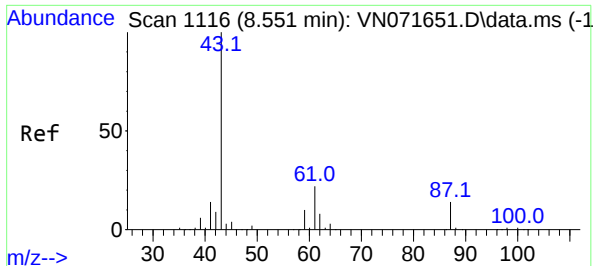
Tgt Ion:113 Resp: 296264
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 22.4 17.0 25.6



#39
Methylcyclohexane
Concen: 1.502 ug/l
RT: 9.451 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VN072058.D
Acq: 19 Apr 2022 18:38

Tgt Ion: 83 Resp: 16051
Ion Ratio Lower Upper
83 100
55 70.5 57.8 86.8
98 46.6 39.4 59.2





#43

Isopropyl Acetate

Concen: 6.345 ug/l

RT: 8.557 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN072058.D

Acq: 19 Apr 2022 18:38

Instrument :

MSVOA_N

ClientSampleId :

WC-15-1-8

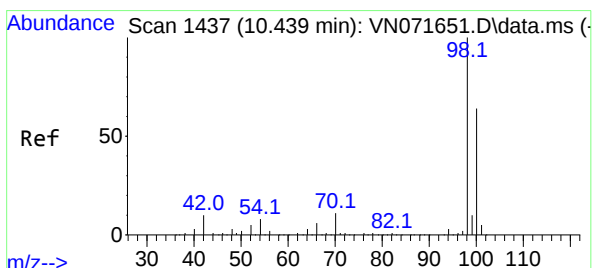
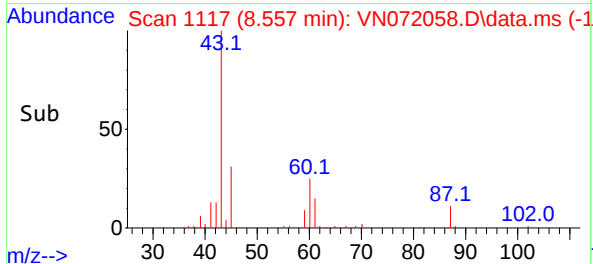
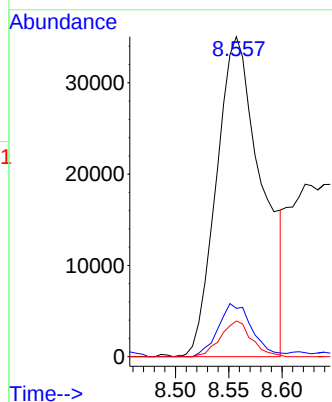
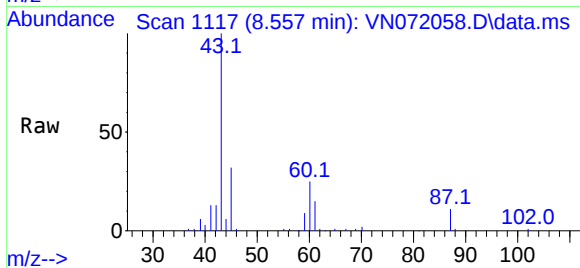
Tgt Ion: 43 Resp: 103683

Ion Ratio Lower Upper

43 100

61 12.5 21.9 32.9#

87 7.6 12.0 18.0#



#50

Toluene-d8

Concen: 55.036 ug/l

RT: 10.433 min Scan# 1436

Delta R.T. -0.006 min

Lab File: VN072058.D

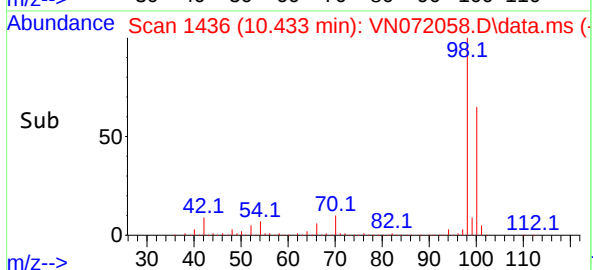
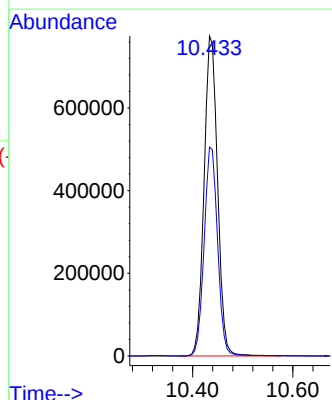
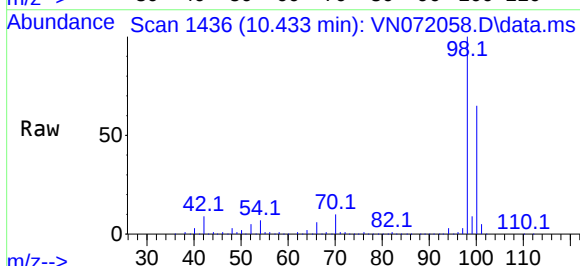
Acq: 19 Apr 2022 18:38

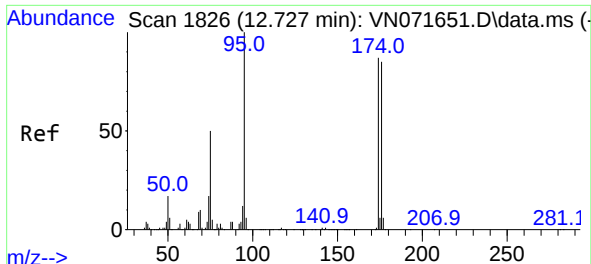
Tgt Ion: 98 Resp: 1447076

Ion Ratio Lower Upper

98 100

100 65.3 52.6 78.8

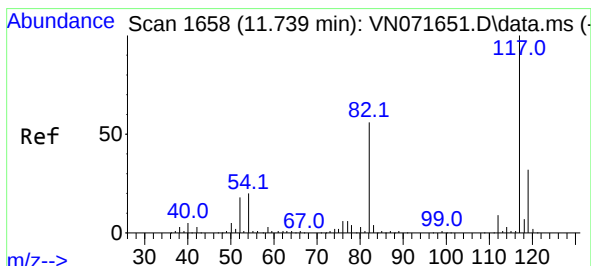
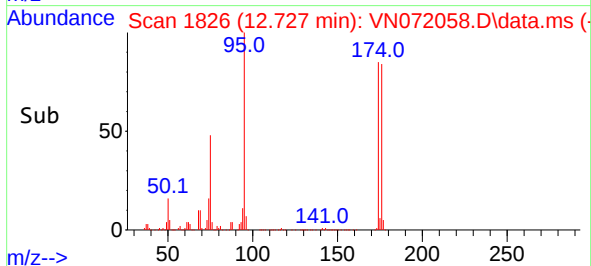
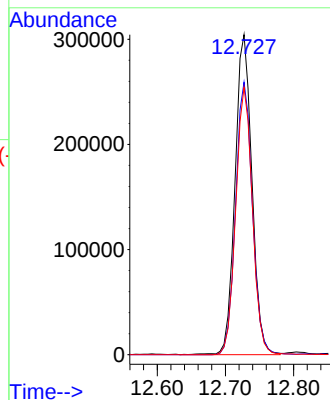
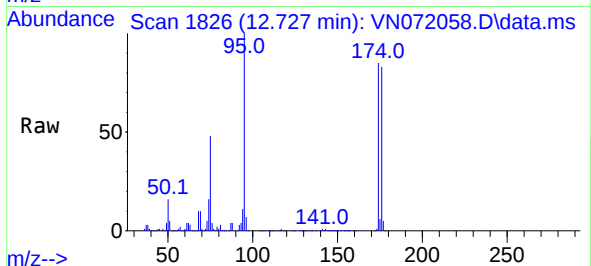




#62
4-Bromofluorobenzene
Concen: 61.532 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072058.D
Acq: 19 Apr 2022 18:38

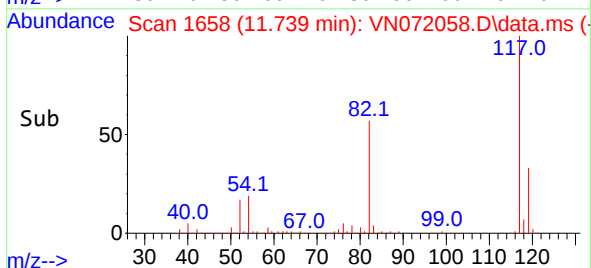
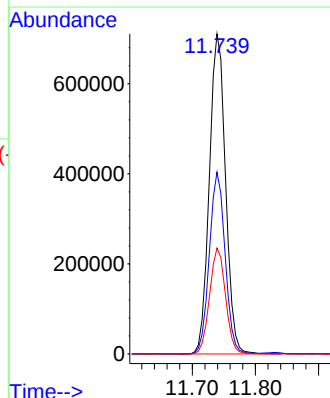
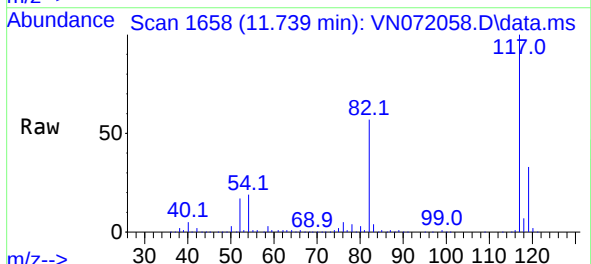
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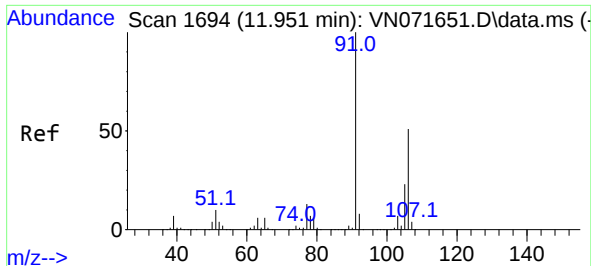
Tgt Ion: 95 Resp: 523250
Ion Ratio Lower Upper
95 100
174 85.0 0.0 167.6
176 82.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072058.D
Acq: 19 Apr 2022 18:38

Tgt Ion: 117 Resp: 1265517
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.2
119 33.1 25.4 38.0

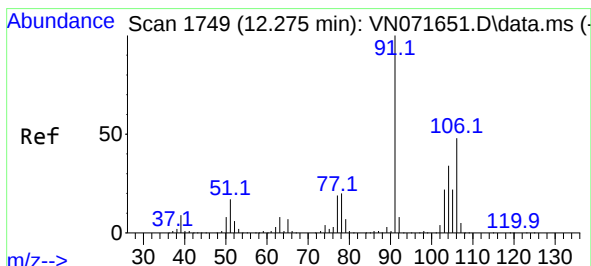
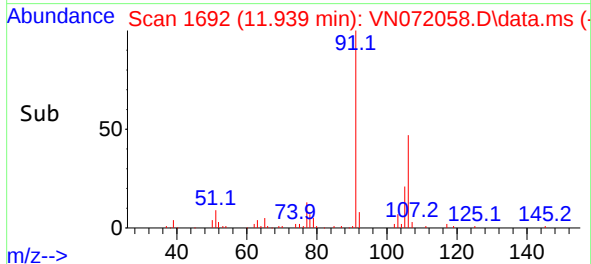
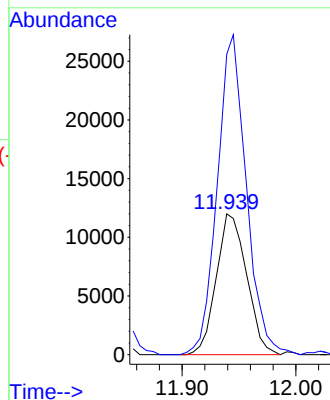
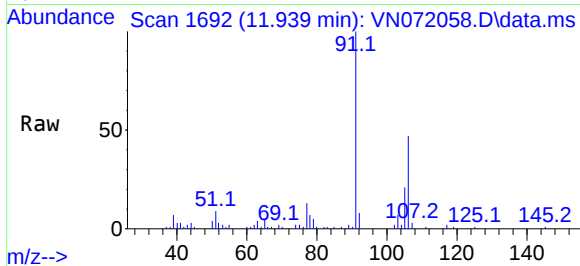




#68
m/p-Xylenes
Concen: 1.350 ug/l
RT: 11.939 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN072058.D
Acq: 19 Apr 2022 18:38

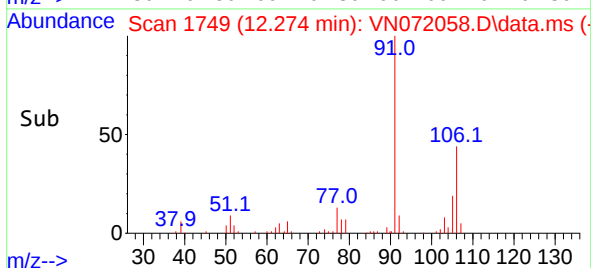
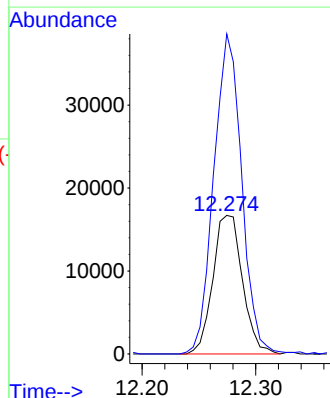
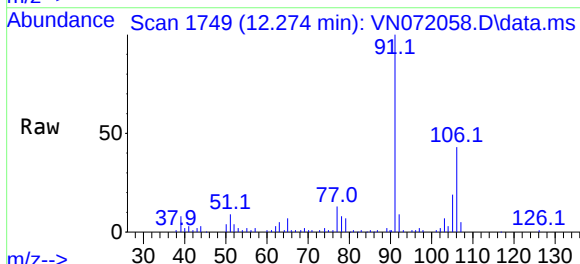
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-8

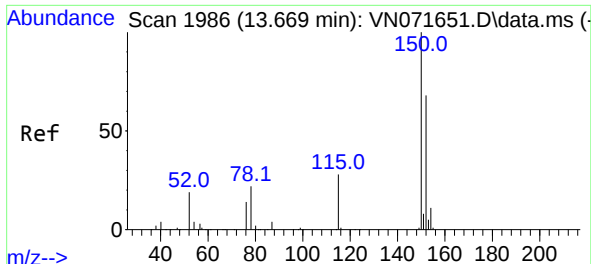
Tgt Ion:106 Resp: 22254
Ion Ratio Lower Upper
106 100
91 217.4 158.9 238.3



#69
o-Xylene
Concen: 1.846 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072058.D
Acq: 19 Apr 2022 18:38

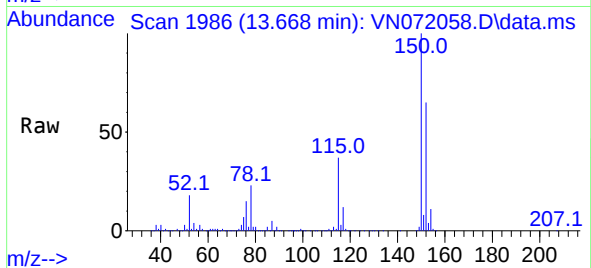
Tgt Ion:106 Resp: 30205
Ion Ratio Lower Upper
106 100
91 218.6 106.0 318.0



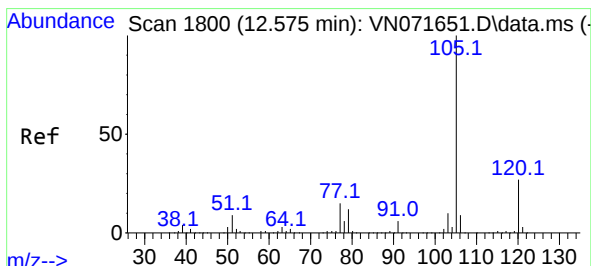
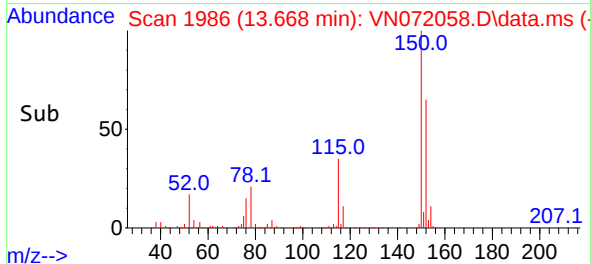
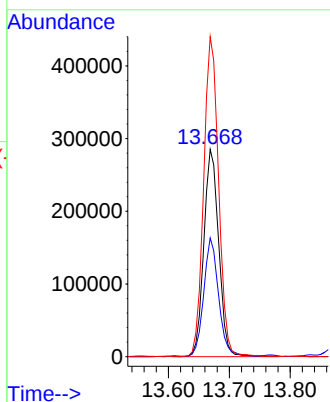


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072058.D
Acq: 19 Apr 2022 18:38

Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-8

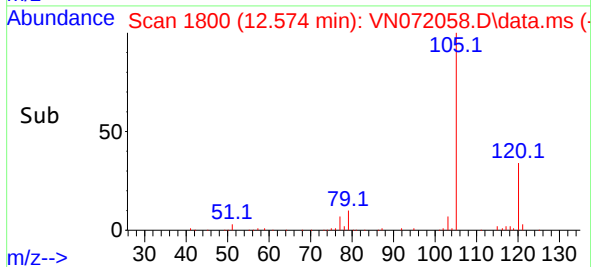
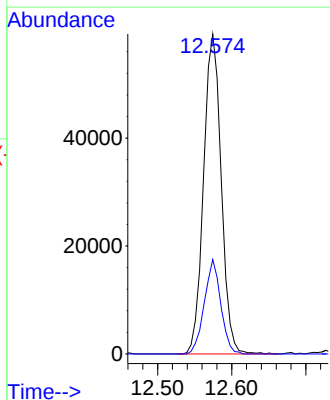
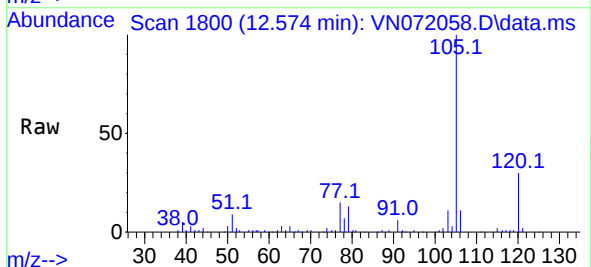


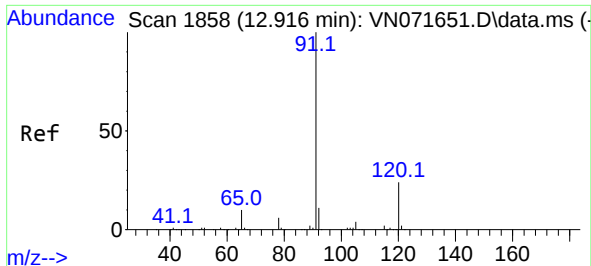
Tgt Ion:152 Resp: 484339
Ion Ratio Lower Upper
152 100
115 56.4 28.9 86.7
150 155.0 0.0 356.2



#73
Isopropylbenzene
Concen: 2.400 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072058.D
Acq: 19 Apr 2022 18:38

Tgt Ion:105 Resp: 97960
Ion Ratio Lower Upper
105 100
120 27.5 13.5 40.4

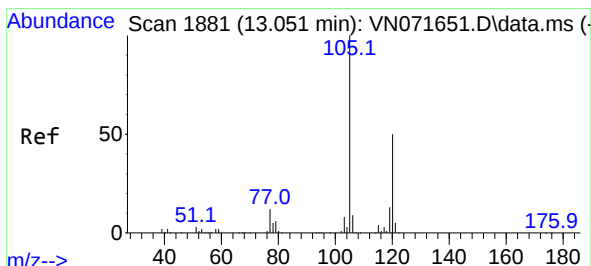
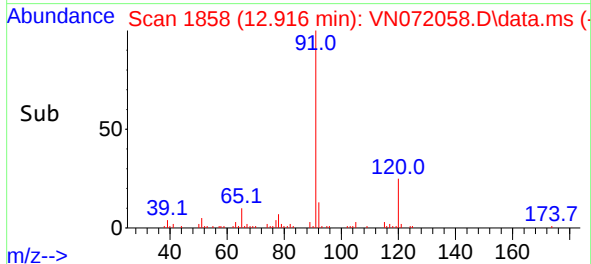
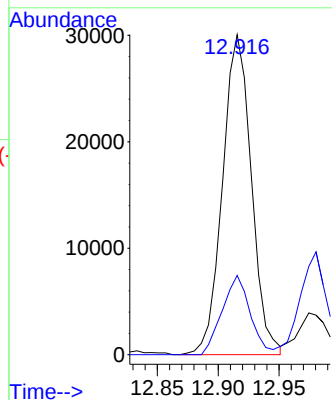
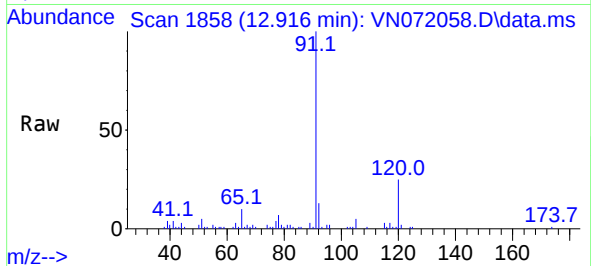




#78
n-propylbenzene
Concen: 1.155 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072058.D
Acq: 19 Apr 2022 18:38

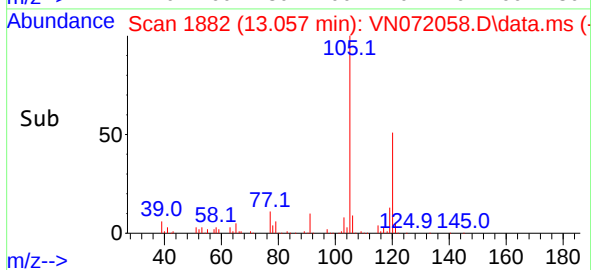
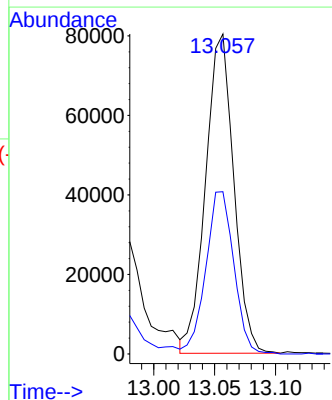
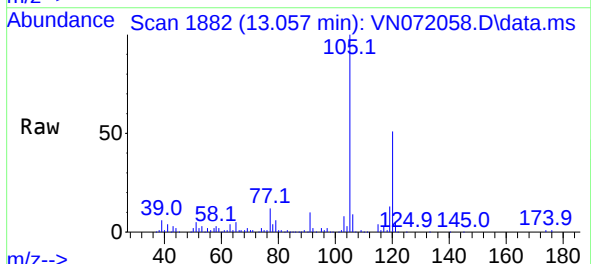
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-8

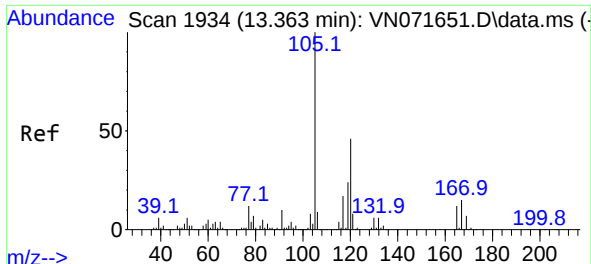
Tgt Ion: 91 Resp: 49598
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 3.995 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072058.D
Acq: 19 Apr 2022 18:38

Tgt Ion:105 Resp: 129192
Ion Ratio Lower Upper
105 100
120 50.6 24.9 74.7

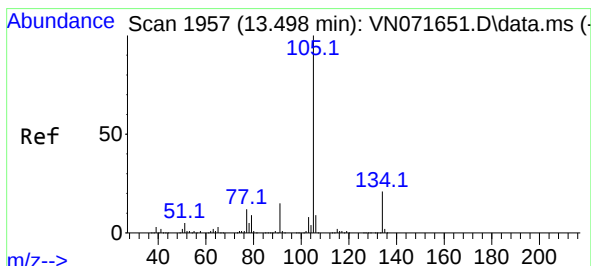
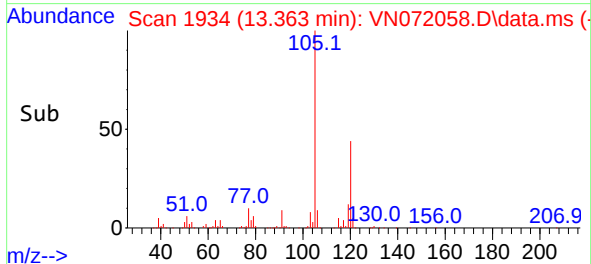
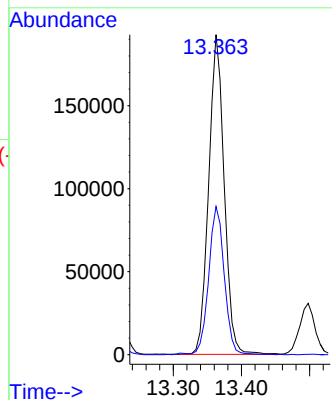
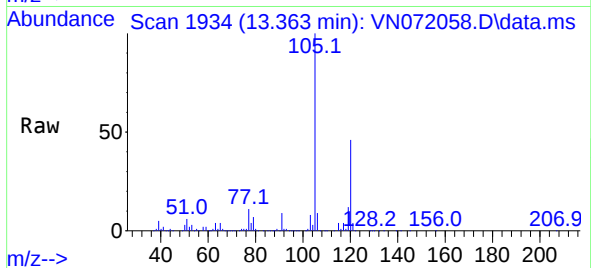




#84
1,2,4-Trimethylbenzene
Concen: 9.642 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072058.D
Acq: 19 Apr 2022 18:38

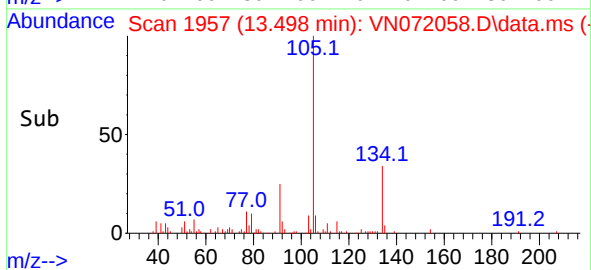
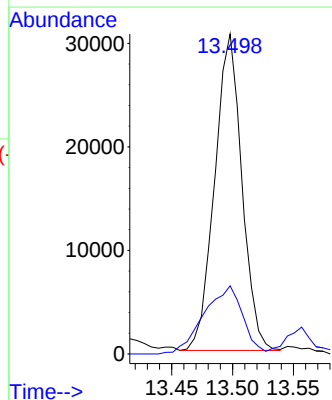
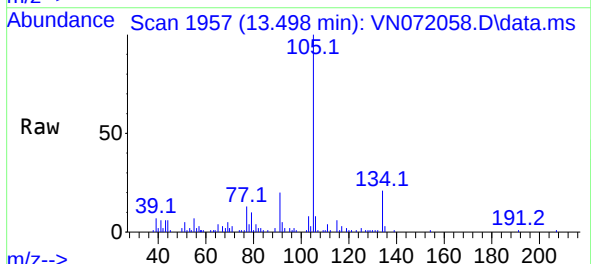
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-8

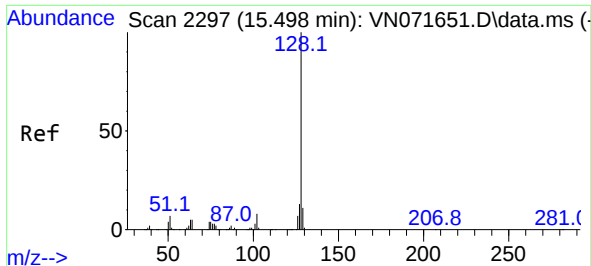
Tgt Ion:105 Resp: 304223
Ion Ratio Lower Upper
105 100
120 47.0 23.3 69.8



#85
sec-Butylbenzene
Concen: 1.242 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN072058.D
Acq: 19 Apr 2022 18:38

Tgt Ion:105 Resp: 47579
Ion Ratio Lower Upper
105 100
134 30.6 10.4 31.1





#95

Naphthalene

Concen: 4.234 ug/l

RT: 15.504 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN072058.D

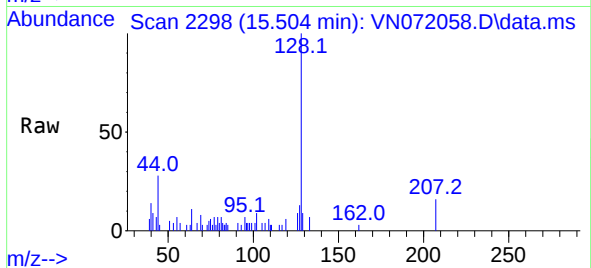
Acq: 19 Apr 2022 18:38

Instrument :

MSVOA_N

ClientSampleId :

WC-15-1-8



Tgt Ion:	128	Resp:	10300
Ion	Ratio	Lower	Upper
128	100		
127	18.0	10.3	15.5#
129	9.4	8.6	13.0

