

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041922\
 Data File : VN072064.D
 Acq On : 19 Apr 2022 21:03
 Operator : JC\MD
 Sample : N2452-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-15-1-4

Quant Time: Apr 20 01:30:09 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)

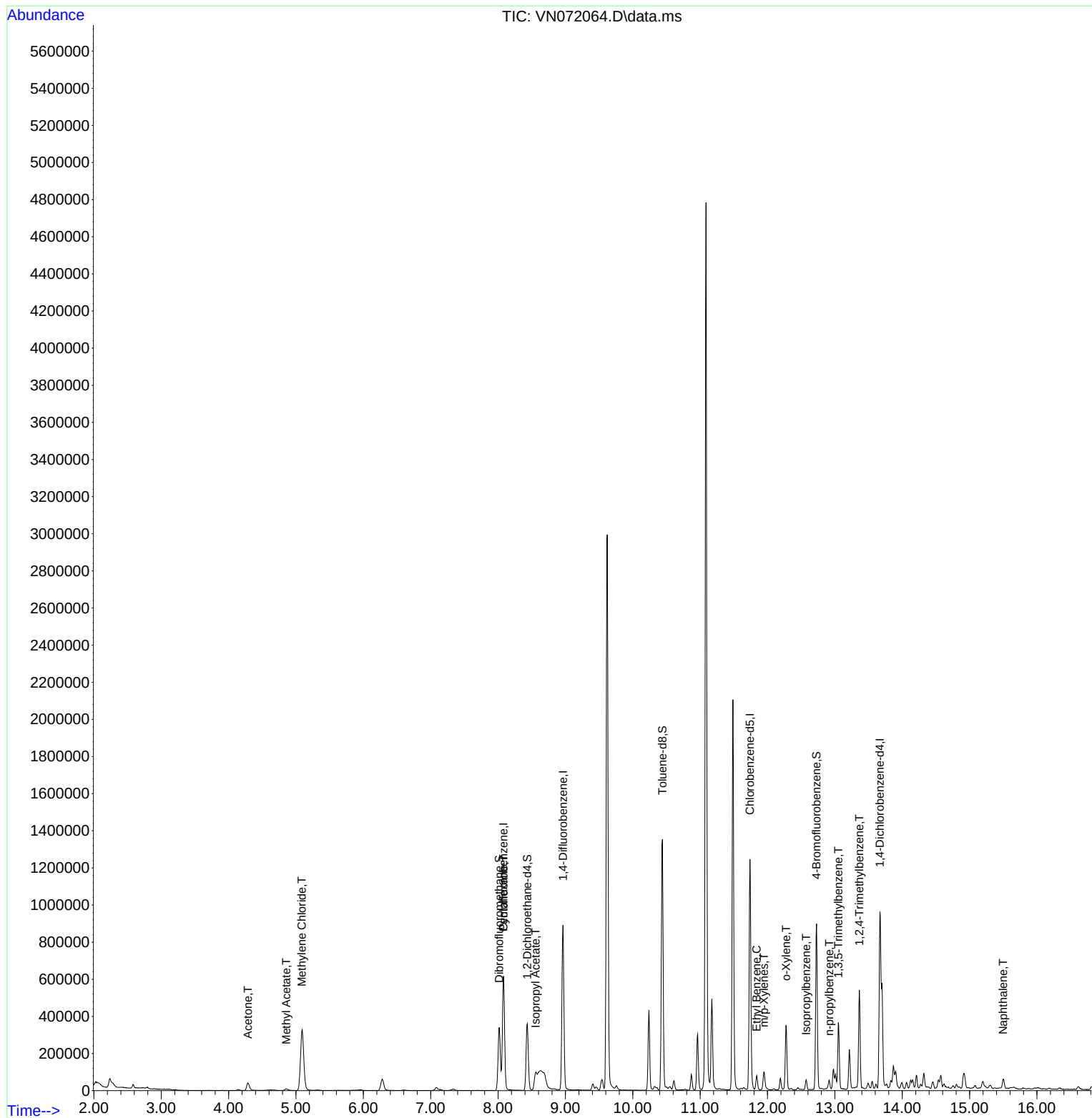
Internal Standards						
1) Pentafluorobenzene	8.080	168	509016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	831729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	758538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	288753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	298231	51.322	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.640%	
35) Dibromofluoromethane	8.016	113	251281	51.342	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.680%	
50) Toluene-d8	10.439	98	988304	49.363	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.720%	
62) 4-Bromofluorobenzene	12.727	95	320410	49.483	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.960%	
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	72934	29.368	ug/l	93
18) Methyl Acetate	4.857	43	19492	1.707	ug/l	93
20) Methylene Chloride	5.087	84	299912	57.296	ug/l	95
31) Cyclohexane	8.080	56	11637	1.473	ug/l #	4
43) Isopropyl Acetate	8.557	43	115970	9.320	ug/l #	73
67) Ethyl Benzene	11.839	91	50451	1.962	ug/l	95
68) m/p-Xylenes	11.945	106	33337	3.374	ug/l	99
69) o-Xylene	12.274	106	103666	10.572	ug/l	98
73) Isopropylbenzene	12.574	105	35905	1.476	ug/l	99
78) n-propylbenzene	12.915	91	38074	1.488	ug/l	98
80) 1,3,5-Trimethylbenzene	13.051	105	201933	10.474	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	308971	16.426	ug/l	100
95) Naphthalene	15.498	128	52736	7.508	ug/l	96

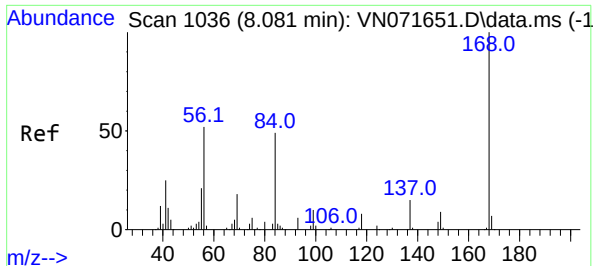
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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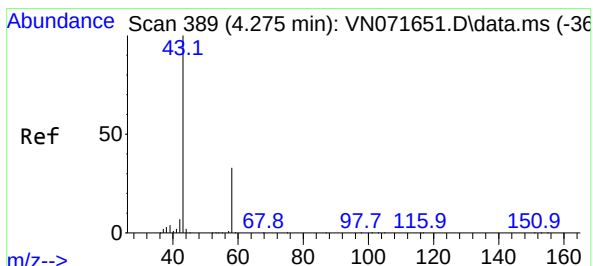
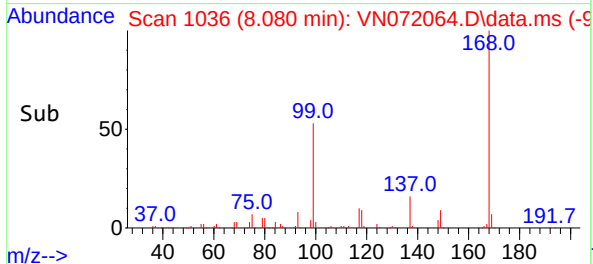
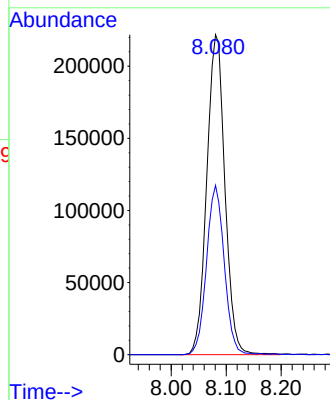
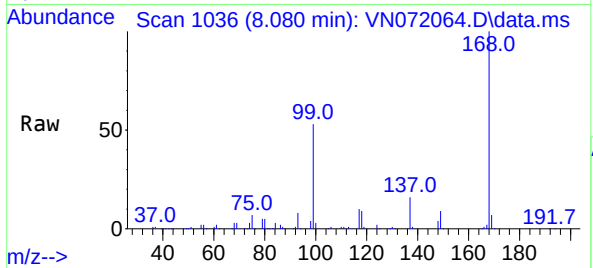




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072064.D
Acq: 19 Apr 2022 21:03

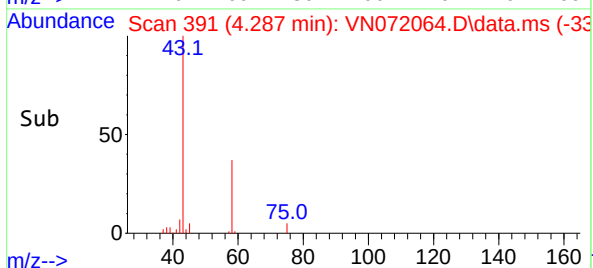
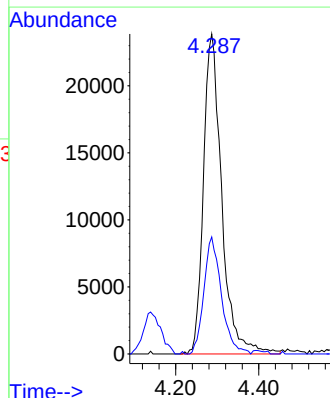
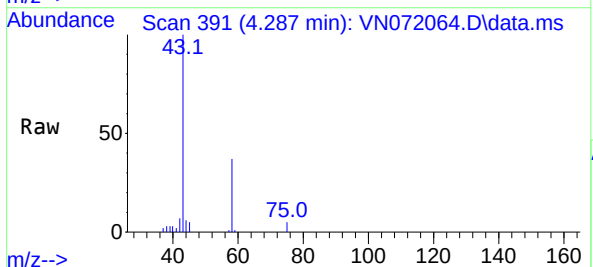
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-4

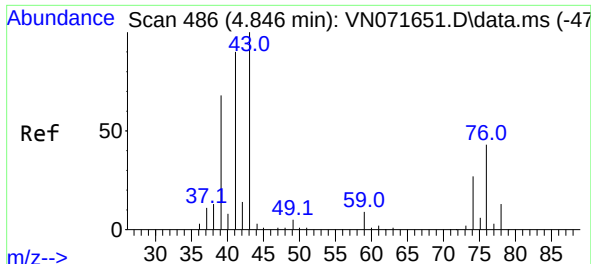
Tgt Ion:168 Resp: 509016
Ion Ratio Lower Upper
168 100
99 52.9 42.3 63.5



#16
Acetone
Concen: 29.368 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072064.D
Acq: 19 Apr 2022 21:03

Tgt Ion: 43 Resp: 72934
Ion Ratio Lower Upper
43 100
58 36.6 26.0 39.0

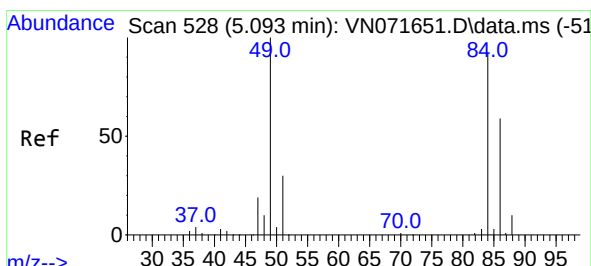
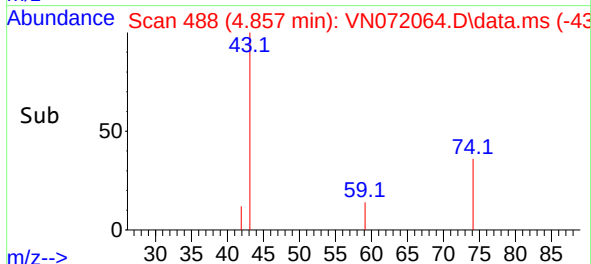
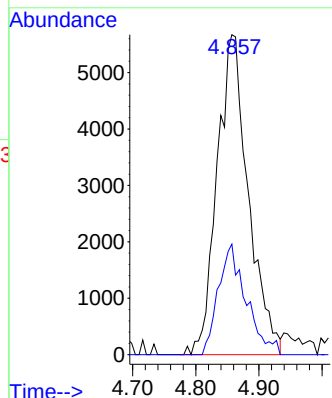
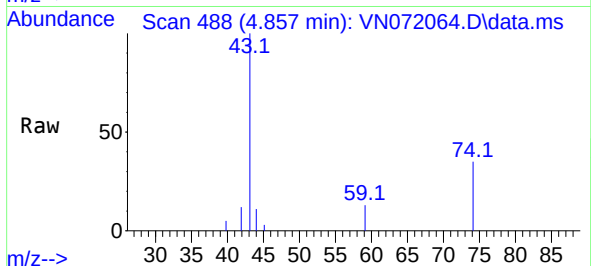




#18
Methyl Acetate
Concen: 1.707 ug/l
RT: 4.857 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN072064.D
Acq: 19 Apr 2022 21:03

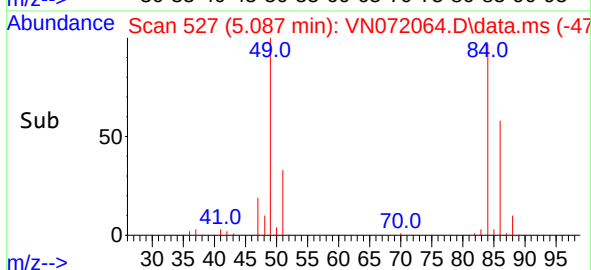
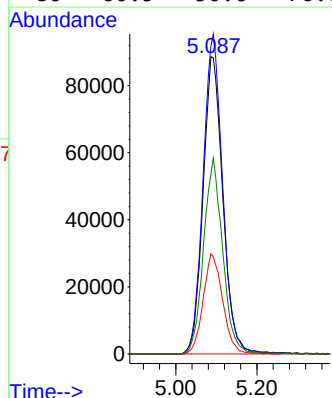
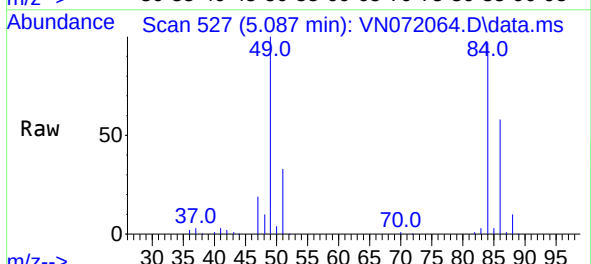
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-4

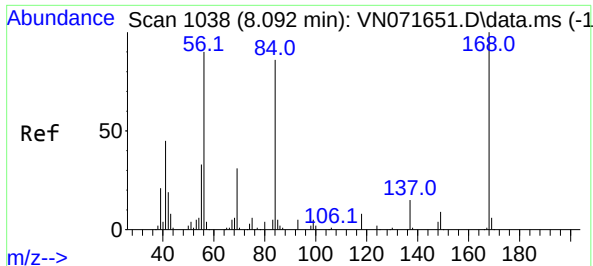
Tgt Ion: 43 Resp: 19492
Ion Ratio Lower Upper
43 100
74 30.7 21.6 32.4



#20
Methylene Chloride
Concen: 57.296 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN072064.D
Acq: 19 Apr 2022 21:03

Tgt Ion: 84 Resp: 299912
Ion Ratio Lower Upper
84 100
49 103.5 88.3 132.5
51 33.7 28.2 42.2
86 60.5 50.6 76.0





#31

Cyclohexane

Concen: 1.473 ug/l

RT: 8.080 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN072064.D

Acq: 19 Apr 2022 21:03

Instrument :

MSVOA_N

ClientSampleId :

WC-15-1-4

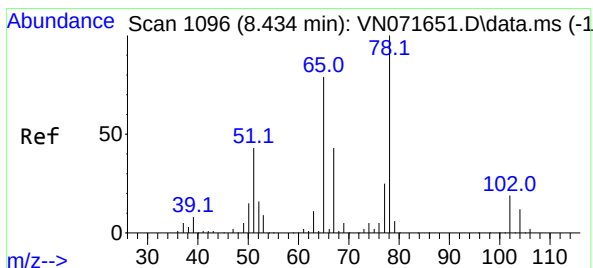
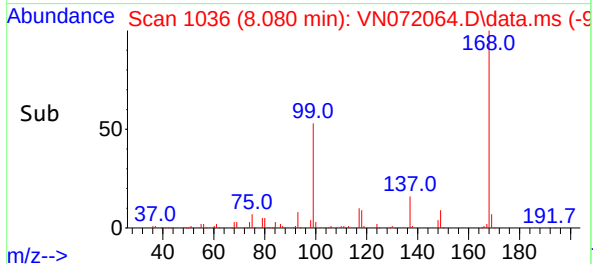
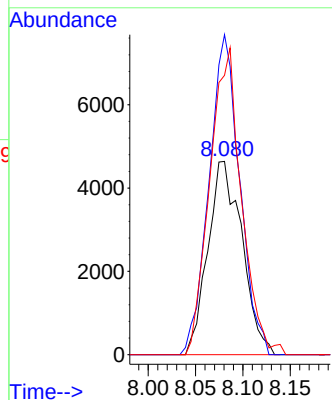
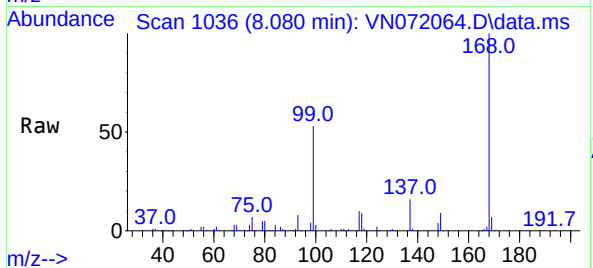
Tgt Ion: 56 Resp: 11637

Ion Ratio Lower Upper

56 100

69 165.5 27.8 41.8#

84 144.5 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 51.322 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072064.D

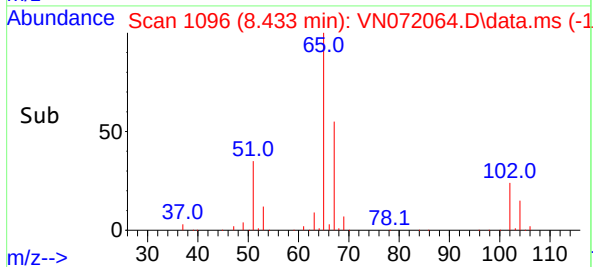
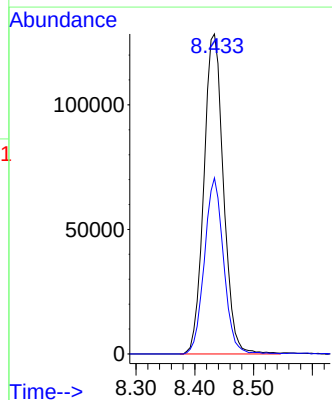
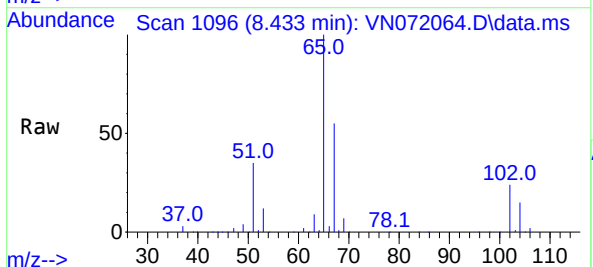
Acq: 19 Apr 2022 21:03

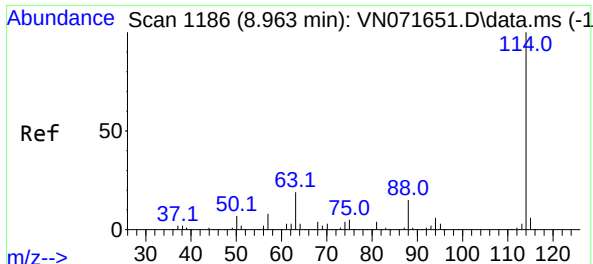
Tgt Ion: 65 Resp: 298231

Ion Ratio Lower Upper

65 100

67 53.9 0.0 104.8

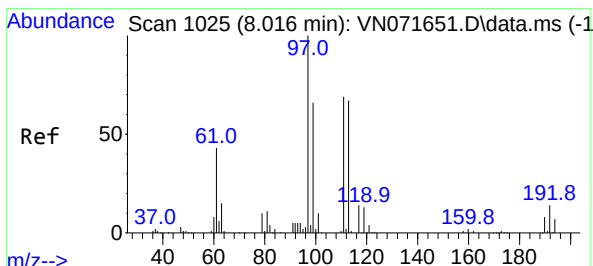
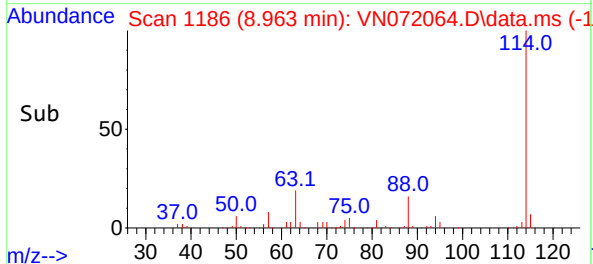
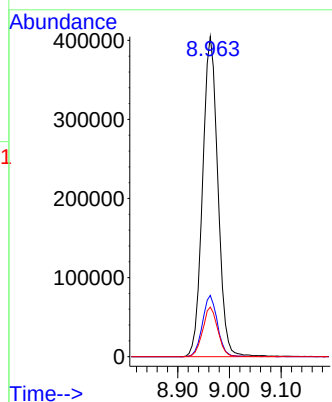
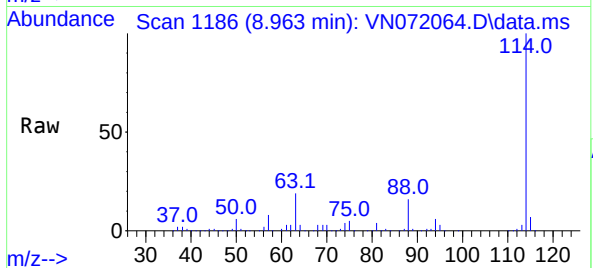




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072064.D
Acq: 19 Apr 2022 21:03

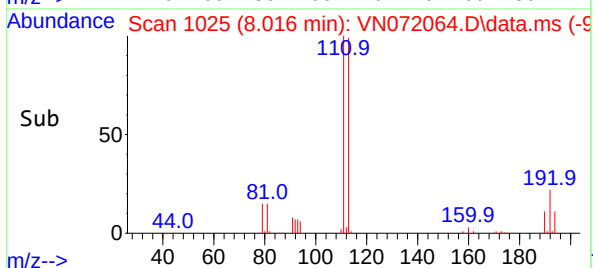
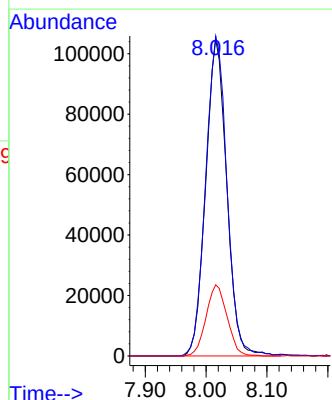
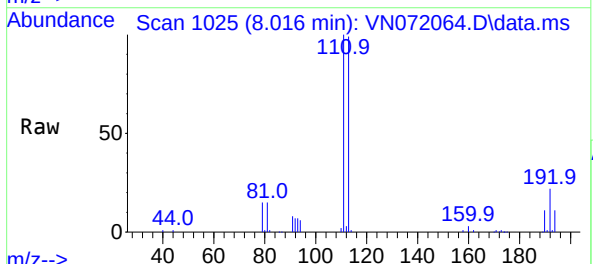
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-4

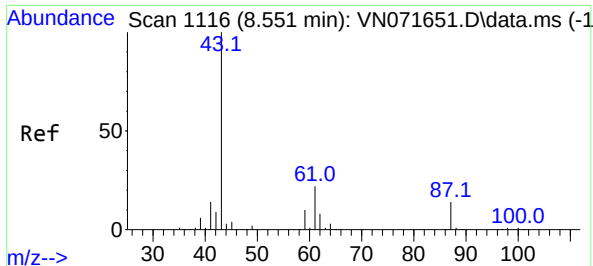
Tgt Ion:114 Resp: 831729
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 15.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.342 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072064.D
Acq: 19 Apr 2022 21:03

Tgt Ion:113 Resp: 251281
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 22.4 17.0 25.6





#43

Isopropyl Acetate

Concen: 9.320 ug/l

RT: 8.557 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN072064.D

Acq: 19 Apr 2022 21:03

Instrument :

MSVOA_N

ClientSampleId :

WC-15-1-4

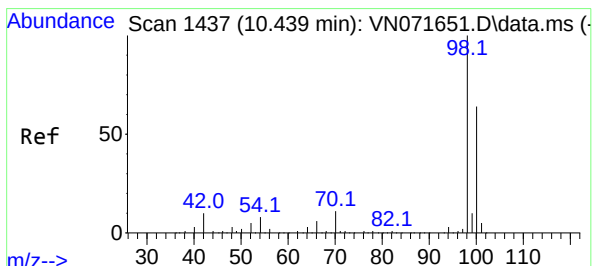
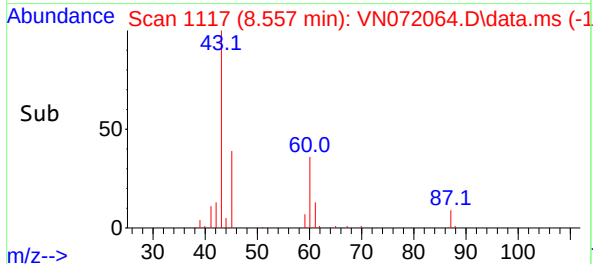
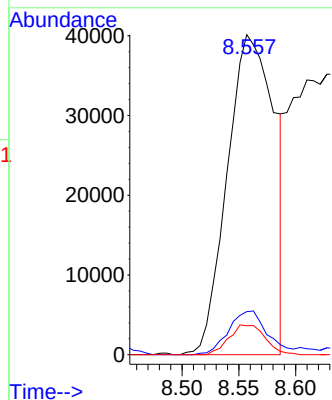
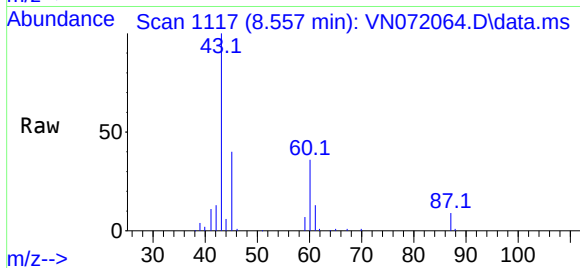
Tgt Ion: 43 Resp: 115970

Ion Ratio Lower Upper

43 100

61 11.2 21.9 32.9#

87 7.1 12.0 18.0#



#50

Toluene-d8

Concen: 49.363 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072064.D

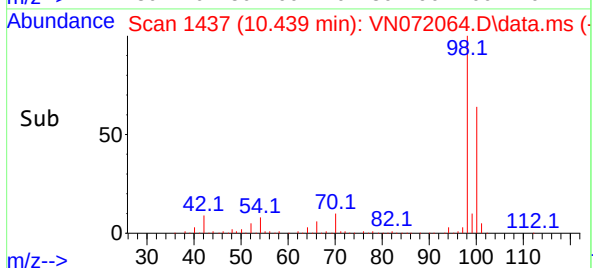
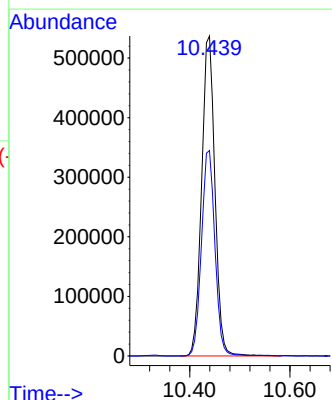
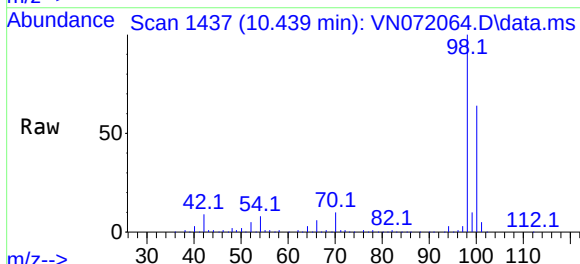
Acq: 19 Apr 2022 21:03

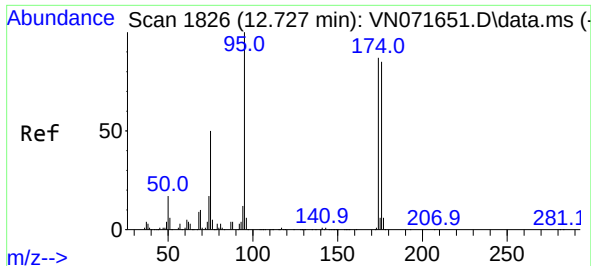
Tgt Ion: 98 Resp: 988304

Ion Ratio Lower Upper

98 100

100 65.0 52.6 78.8

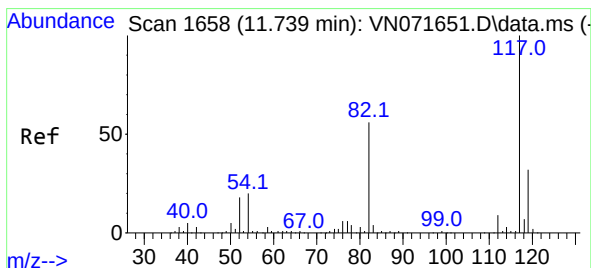
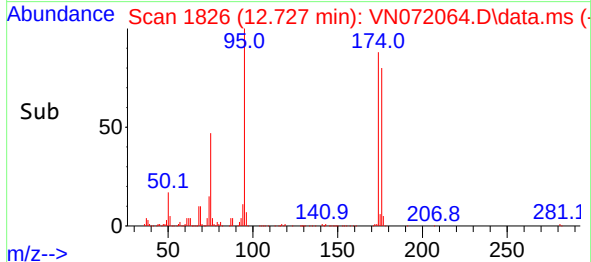
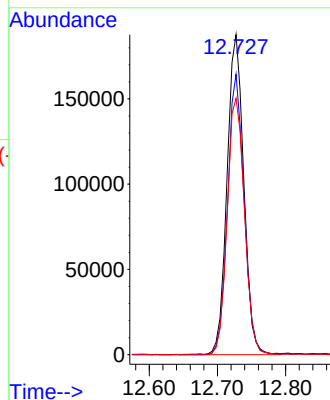
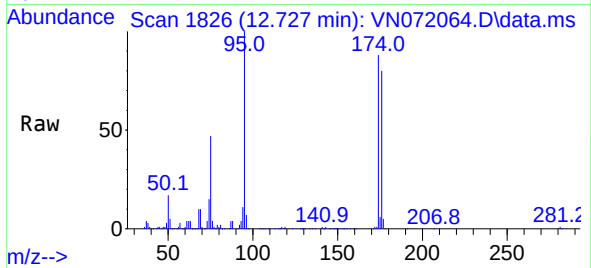




#62
4-Bromofluorobenzene
Concen: 49.483 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072064.D
Acq: 19 Apr 2022 21:03

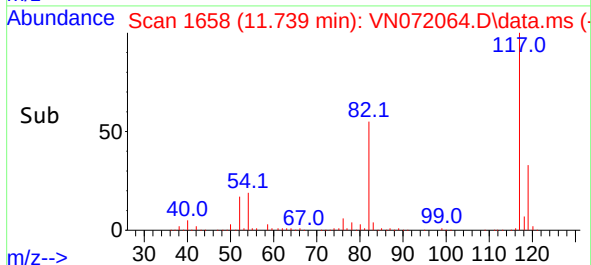
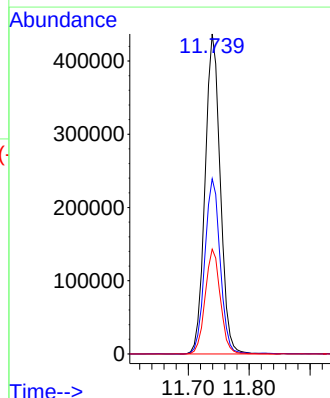
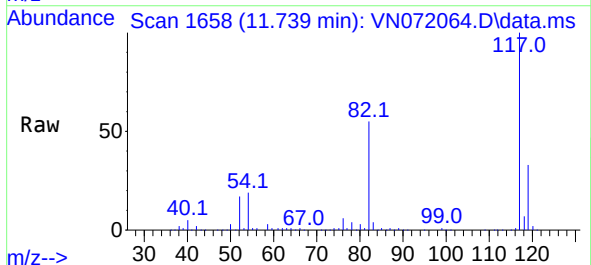
Instrument :
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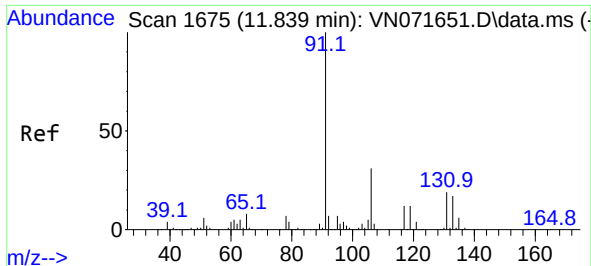
Tgt Ion: 95 Resp: 320410
Ion Ratio Lower Upper
95 100
174 86.4 0.0 167.6
176 82.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072064.D
Acq: 19 Apr 2022 21:03

Tgt Ion: 117 Resp: 758538
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 32.8 25.4 38.0





#67

Ethyl Benzene

Concen: 1.962 ug/l

RT: 11.839 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072064.D

Acq: 19 Apr 2022 21:03

Instrument :

MSVOA_N

ClientSampleId :

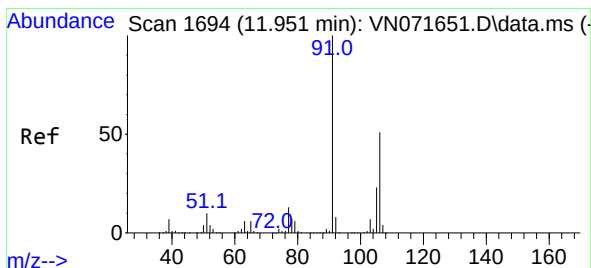
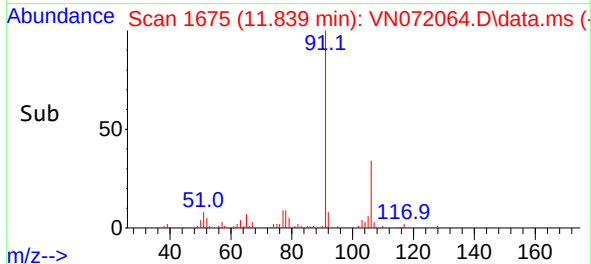
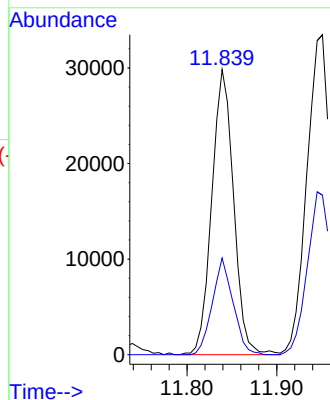
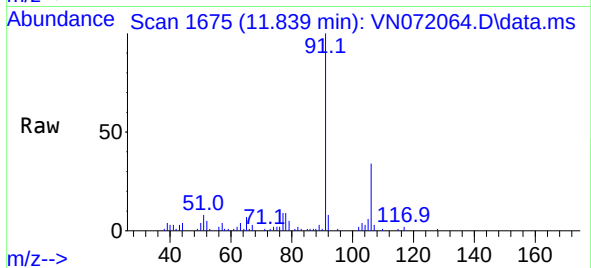
WC-15-1-4

Tgt Ion: 91 Resp: 50451

Ion Ratio Lower Upper

91 100

106 33.9 24.9 37.3



#68

m/p-Xylenes

Concen: 3.374 ug/l

RT: 11.945 min Scan# 1693

Delta R.T. -0.006 min

Lab File: VN072064.D

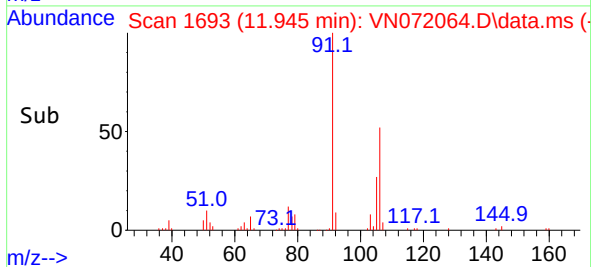
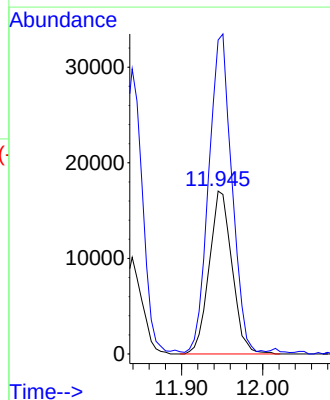
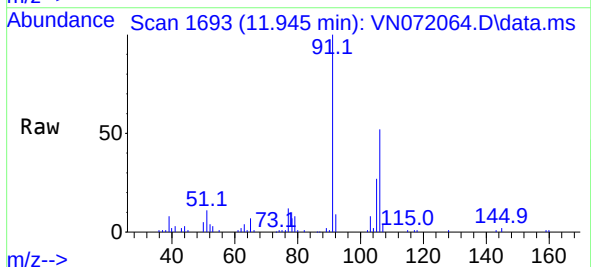
Acq: 19 Apr 2022 21:03

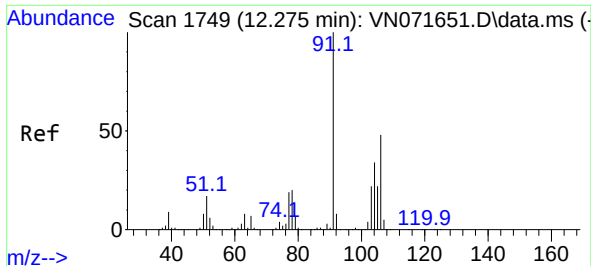
Tgt Ion: 106 Resp: 33337

Ion Ratio Lower Upper

106 100

91 196.6 158.9 238.3

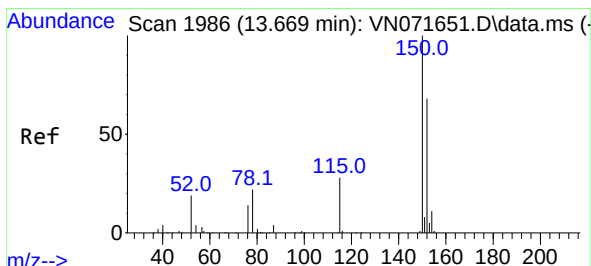
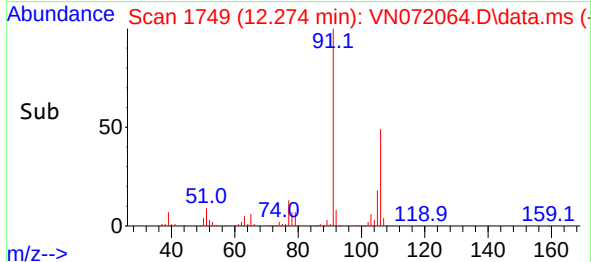
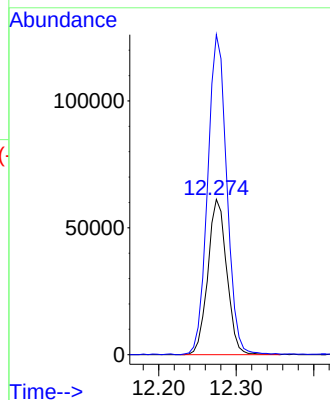
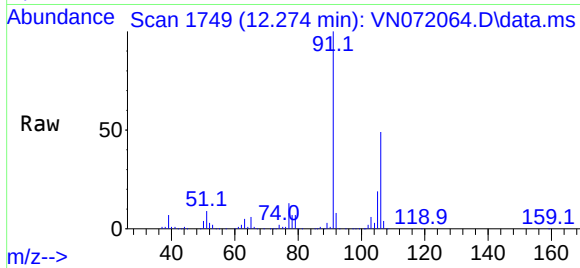




#69
o-Xylene
Concen: 10.572 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072064.D
Acq: 19 Apr 2022 21:03

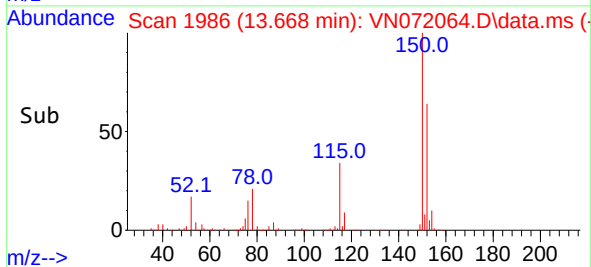
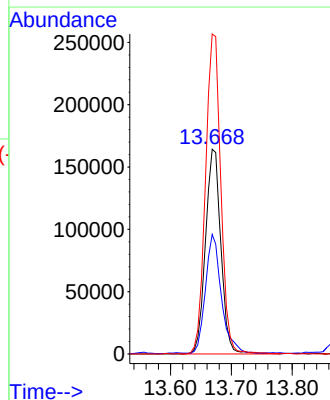
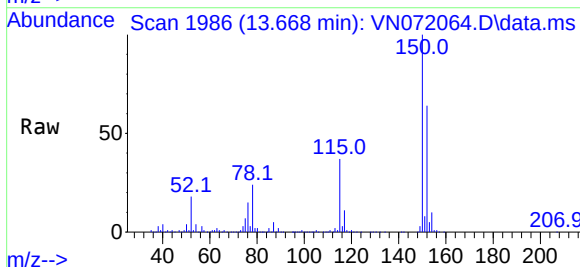
Instrument :
MSVOA_N
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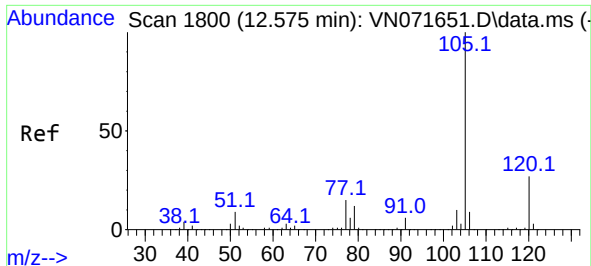
Tgt Ion:106 Resp: 103666
Ion Ratio Lower Upper
106 100
91 209.0 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072064.D
Acq: 19 Apr 2022 21:03

Tgt Ion:152 Resp: 288753
Ion Ratio Lower Upper
152 100
115 59.7 28.9 86.7
150 155.0 0.0 356.2

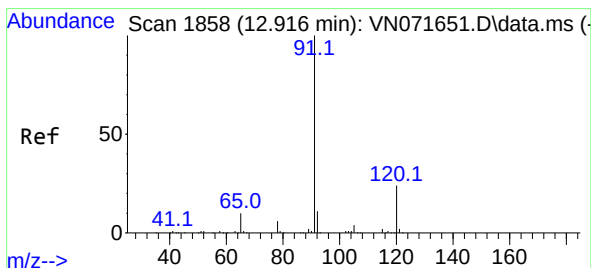
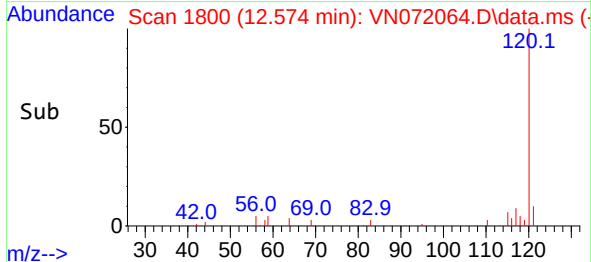
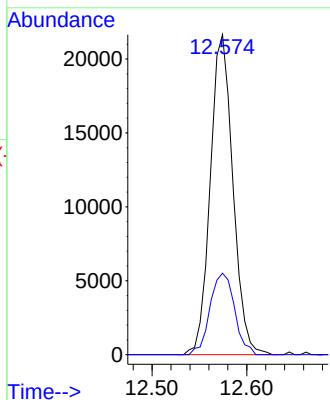
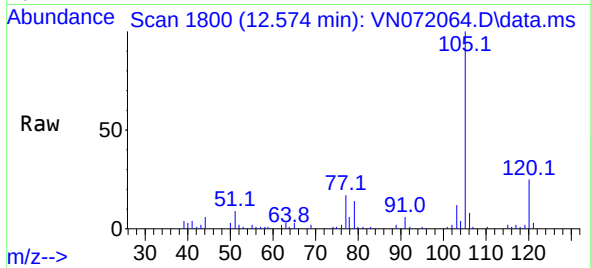




#73
Isopropylbenzene
Concen: 1.476 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072064.D
Acq: 19 Apr 2022 21:03

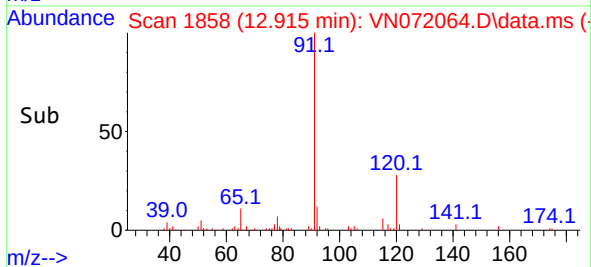
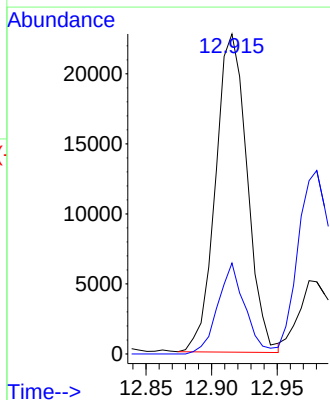
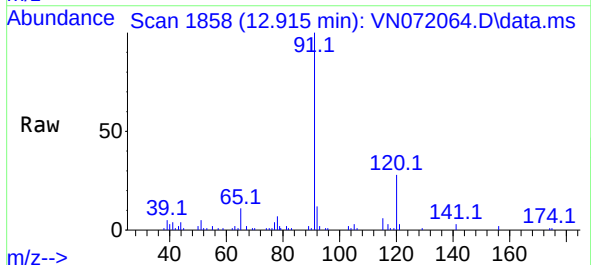
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-4

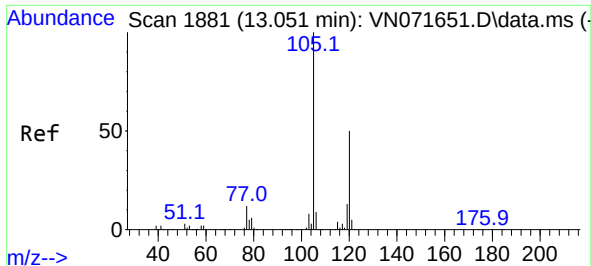
Tgt Ion:105 Resp: 35905
Ion Ratio Lower Upper
105 100
120 27.7 13.5 40.4



#78
n-propylbenzene
Concen: 1.488 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072064.D
Acq: 19 Apr 2022 21:03

Tgt Ion: 91 Resp: 38074
Ion Ratio Lower Upper
91 100
120 24.4 11.9 35.5

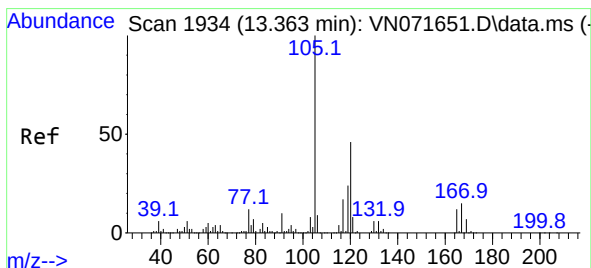
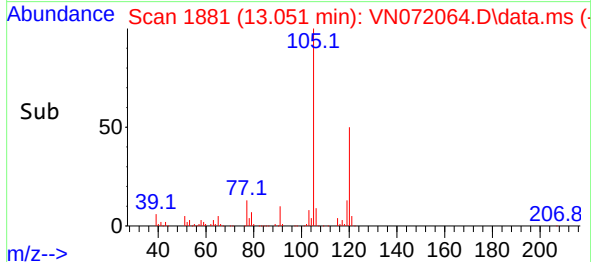
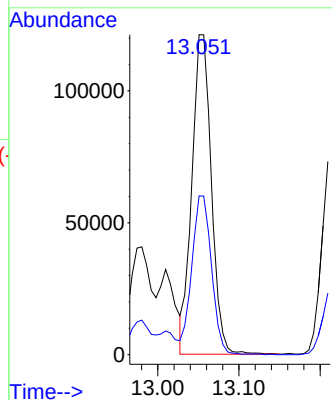
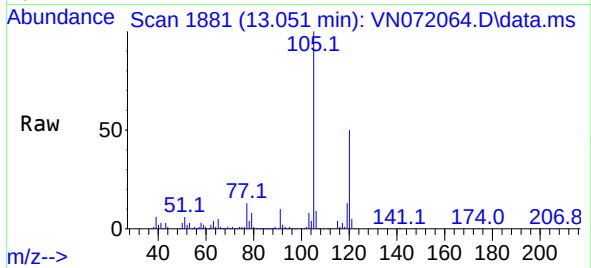




#80
1,3,5-Trimethylbenzene
Concen: 10.474 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072064.D
Acq: 19 Apr 2022 21:03

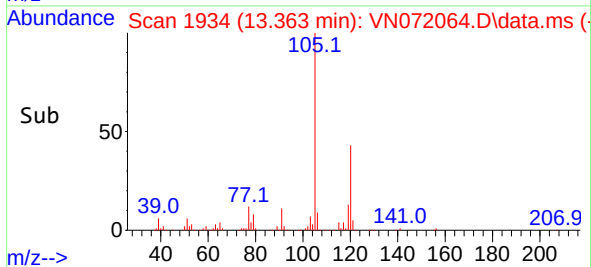
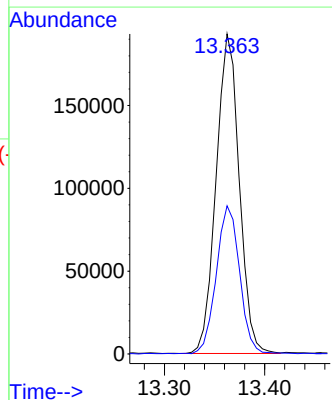
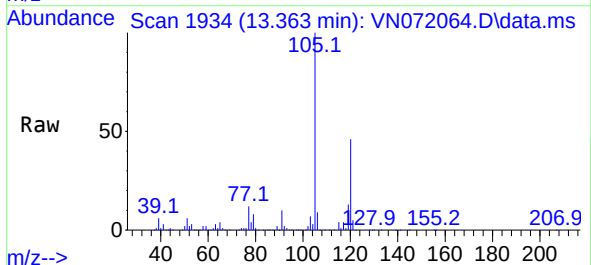
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-4

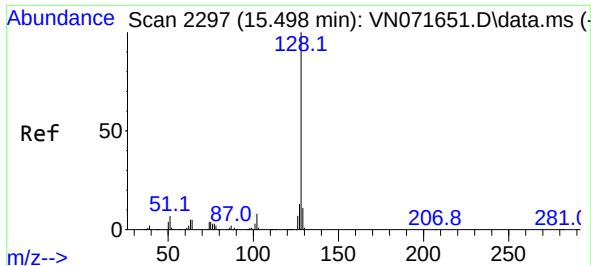
Tgt Ion:105 Resp: 201933
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 16.426 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072064.D
Acq: 19 Apr 2022 21:03

Tgt Ion:105 Resp: 308971
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.8





#95

Naphthalene

Concen: 7.508 ug/l

RT: 15.498 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN072064.D

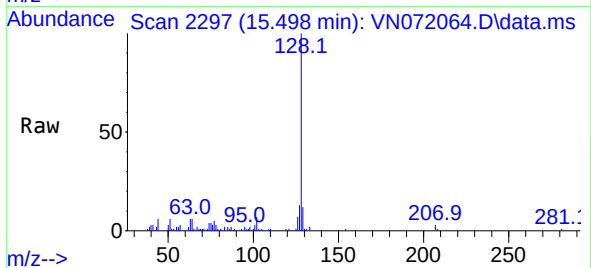
Acq: 19 Apr 2022 21:03

Instrument :

MSVOA_N

ClientSampleId :

WC-15-1-4



Tgt Ion:128 Resp: 52736

Ion Ratio Lower Upper

128 100

127 14.3 10.3 15.5

129 12.2 8.6 13.0

