

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041922\
 Data File : VN072063.D
 Acq On : 19 Apr 2022 20:39
 Operator : JC\MD
 Sample : N2452-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Apr 20 01:29:50 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)

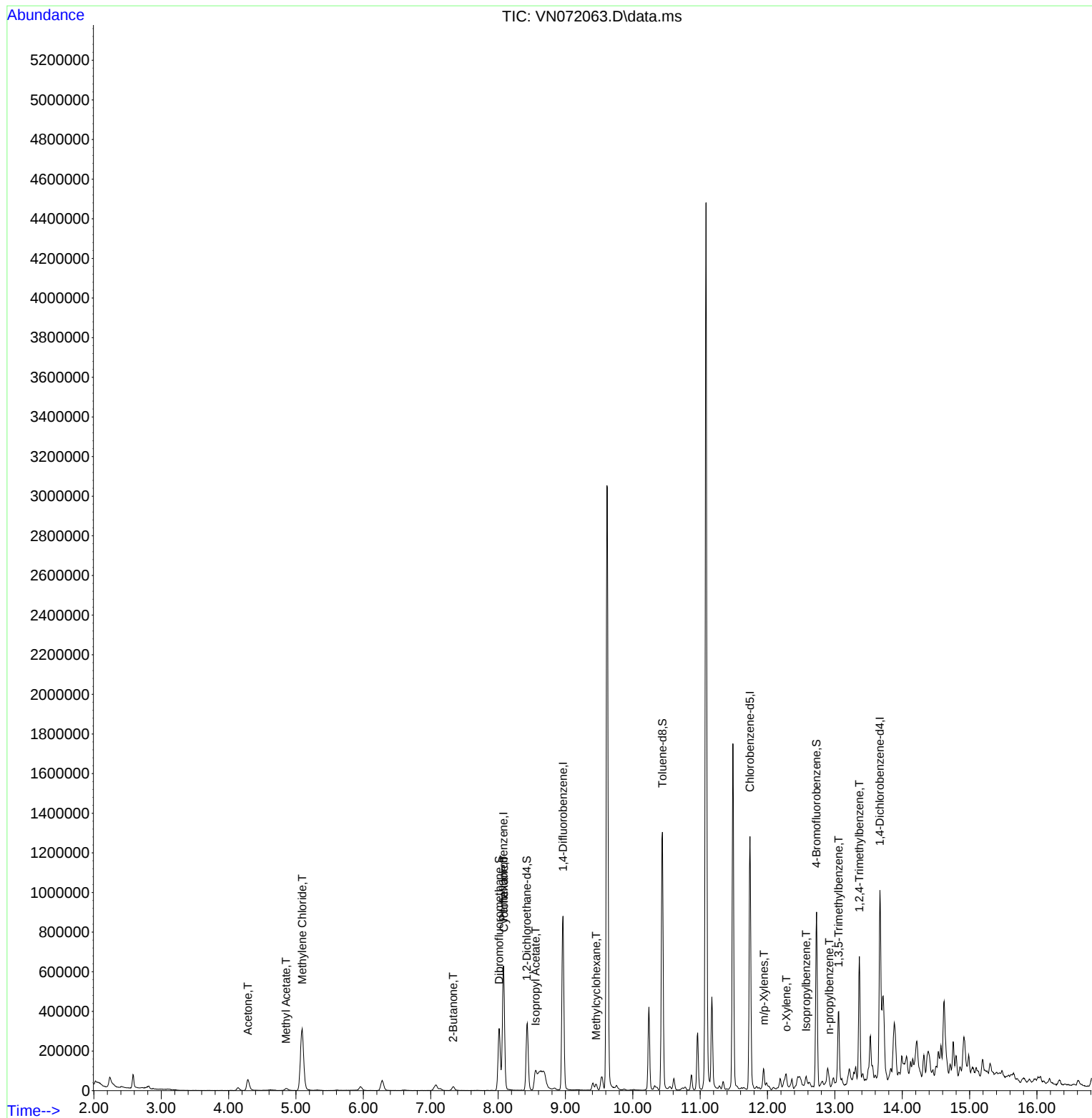
Internal Standards						
1) Pentafluorobenzene	8.081	168	520227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	831025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	785826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	289803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	277407	46.709	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.420%		
35) Dibromofluoromethane	8.016	113	232011	47.445	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.880%		
50) Toluene-d8	10.439	98	955077	47.744	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.480%		
62) 4-Bromofluorobenzene	12.727	95	313775	48.499	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.000%		
Target Compounds					Qvalue	
16) Acetone	4.287	43	96596	38.058	ug/l	95
18) Methyl Acetate	4.851	43	23608	2.312	ug/l	94
20) Methylene Chloride	5.092	84	286425	53.540	ug/l	96
25) 2-Butanone	7.334	43	33957	9.280	ug/l	99
31) Cyclohexane	8.086	56	14102	1.746	ug/l #	7
39) Methylcyclohexane	9.457	83	12728	1.566	ug/l #	89
43) Isopropyl Acetate	8.557	43	128138	10.307	ug/l #	71
68) m/p-Xylenes	11.945	106	29160	2.849	ug/l	99
69) o-Xylene	12.280	106	18398	1.811	ug/l	95
73) Isopropylbenzene	12.574	105	28857	1.182	ug/l	98
78) n-propylbenzene	12.916	91	26662	1.038	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	174127	8.999	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	371174	19.661	ug/l	100

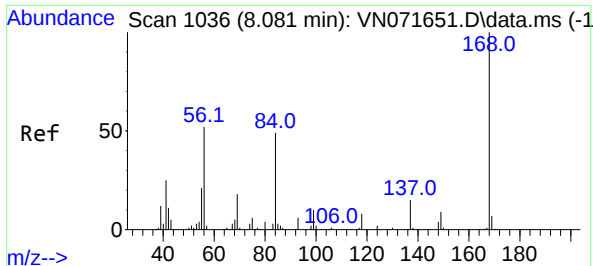
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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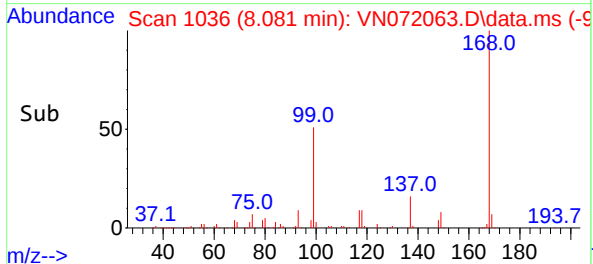
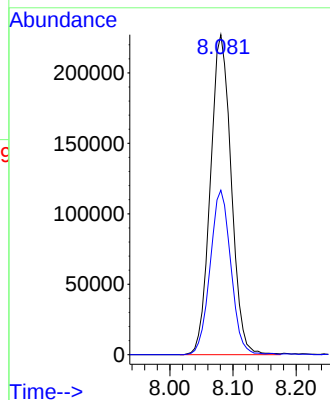
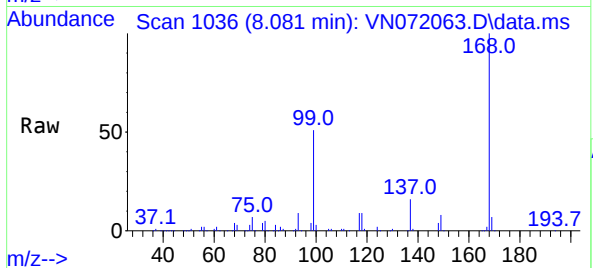




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072063.D
Acq: 19 Apr 2022 20:39

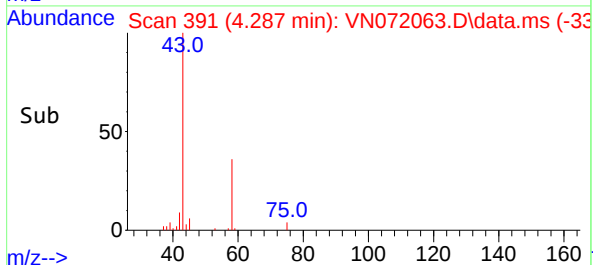
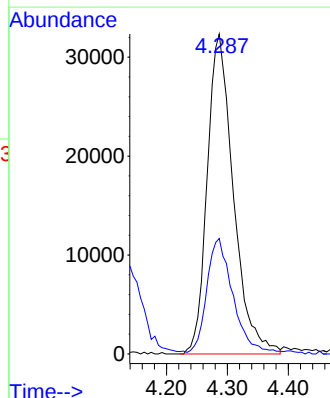
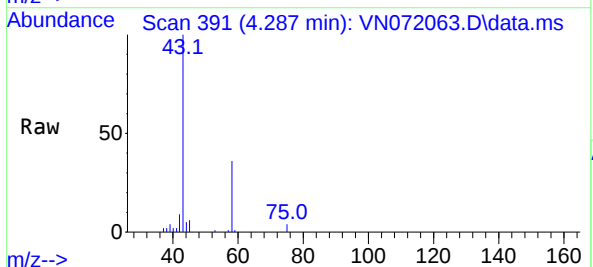
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-4-GR

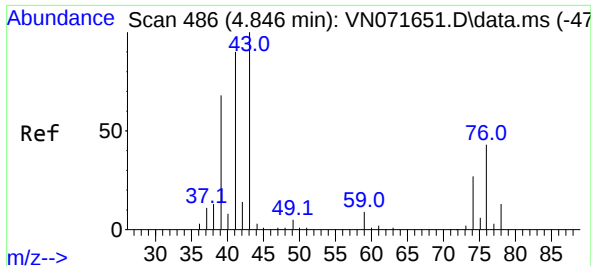
Tgt Ion:168 Resp: 520227
Ion Ratio Lower Upper
168 100
99 51.4 42.3 63.5



#16
Acetone
Concen: 38.058 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072063.D
Acq: 19 Apr 2022 20:39

Tgt Ion: 43 Resp: 96596
Ion Ratio Lower Upper
43 100
58 35.3 26.0 39.0

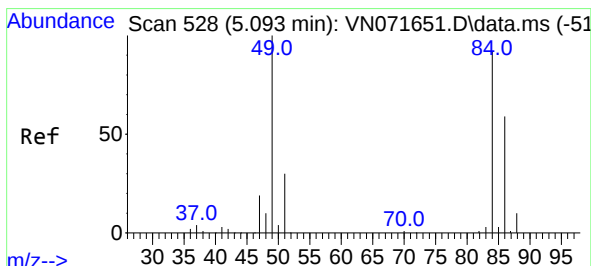
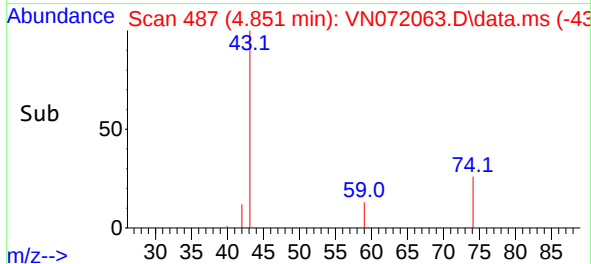
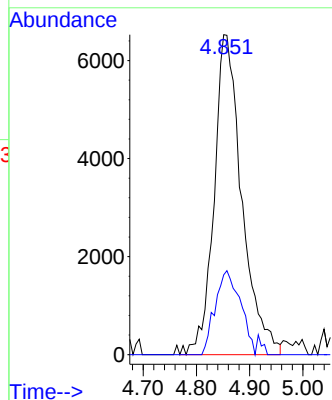
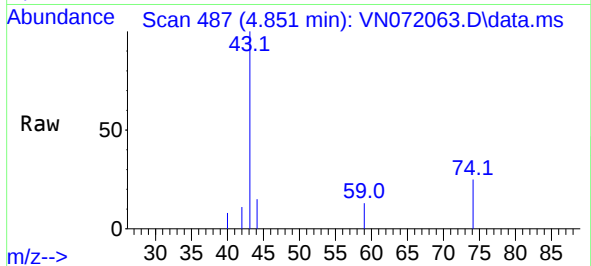




#18
Methyl Acetate
Concen: 2.312 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN072063.D
Acq: 19 Apr 2022 20:39

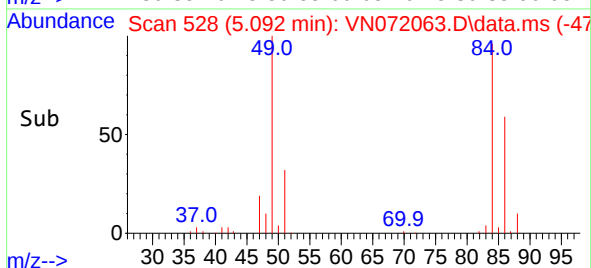
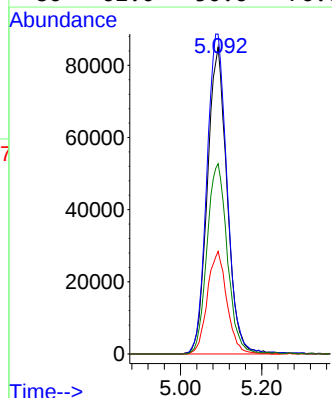
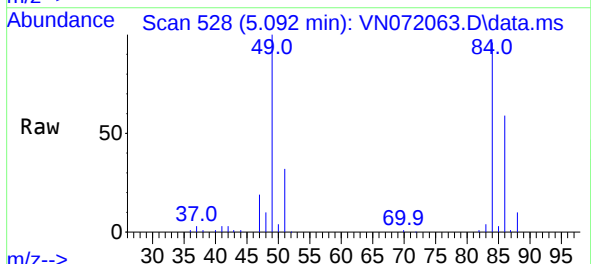
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-4-GR

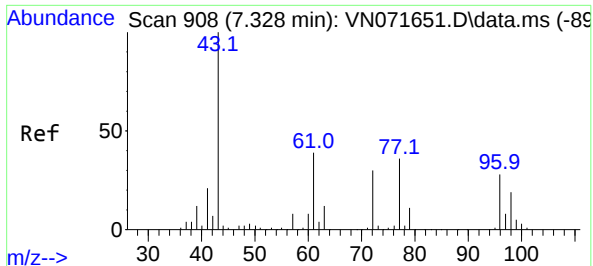
Tgt Ion: 43 Resp: 23608
Ion Ratio Lower Upper
43 100
74 23.9 21.6 32.4



#20
Methylene Chloride
Concen: 53.540 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.001 min
Lab File: VN072063.D
Acq: 19 Apr 2022 20:39

Tgt Ion: 84 Resp: 286425
Ion Ratio Lower Upper
84 100
49 104.2 88.3 132.5
51 33.4 28.2 42.2
86 62.0 50.6 76.0





#25

2-Butanone

Concen: 9.280 ug/l

RT: 7.334 min Scan# 908

Delta R.T. 0.006 min

Lab File: VN072063.D

Acq: 19 Apr 2022 20:39

Instrument :

MSVOA_N

ClientSampleId :

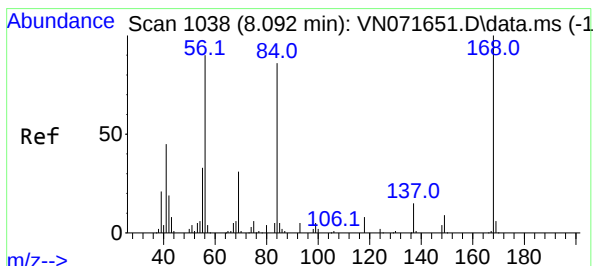
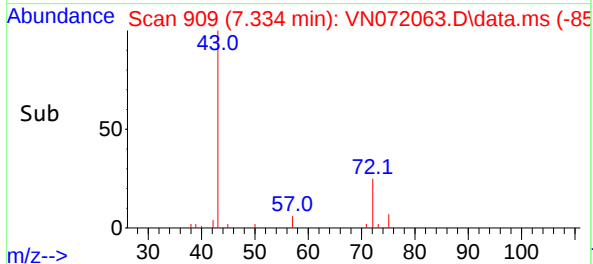
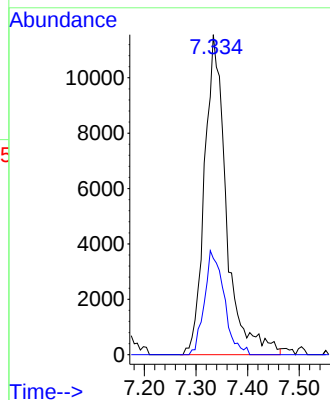
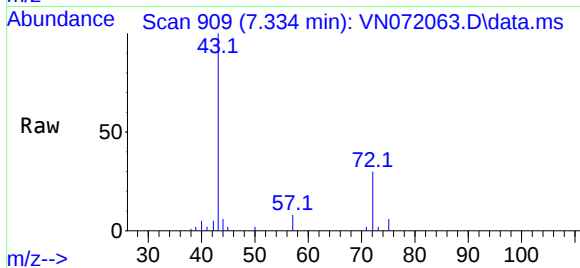
WC-15-1-4-GR

Tgt Ion: 43 Resp: 33957

Ion Ratio Lower Upper

43 100

72 30.1 23.7 35.5



#31

Cyclohexane

Concen: 1.746 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN072063.D

Acq: 19 Apr 2022 20:39

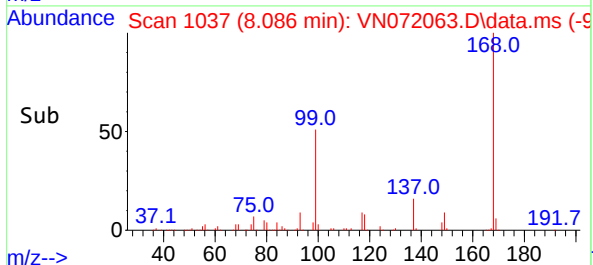
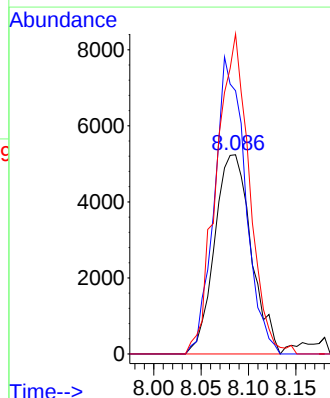
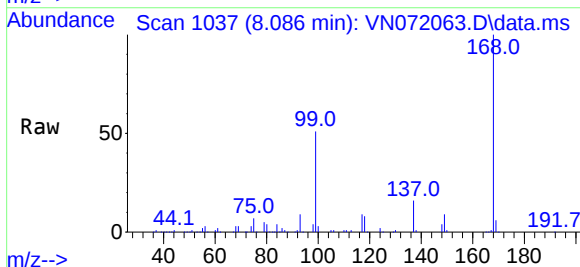
Tgt Ion: 56 Resp: 14102

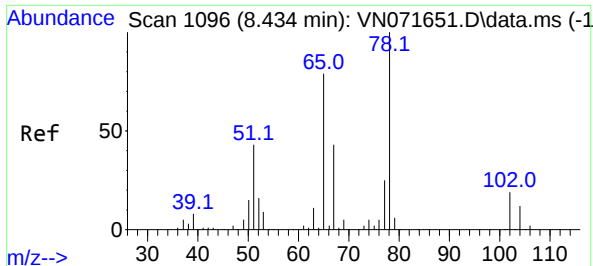
Ion Ratio Lower Upper

56 100

69 132.1 27.8 41.8#

84 160.6 76.9 115.3#

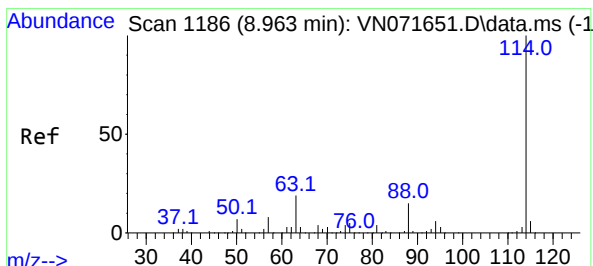
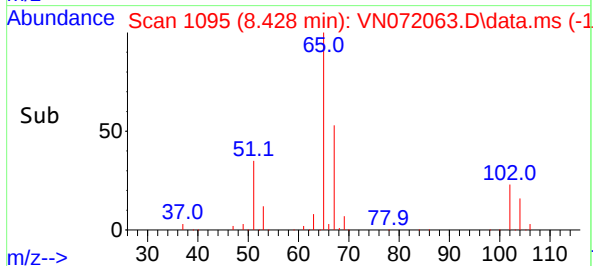
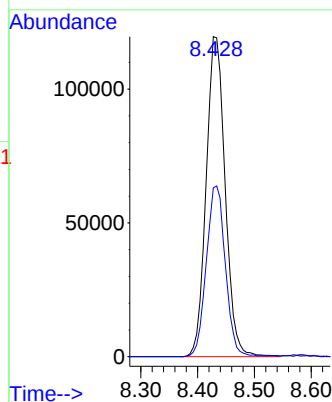
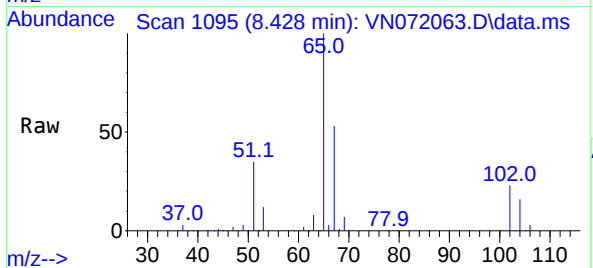




#33
1,2-Dichloroethane-d4
Concen: 46.709 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN072063.D
Acq: 19 Apr 2022 20:39

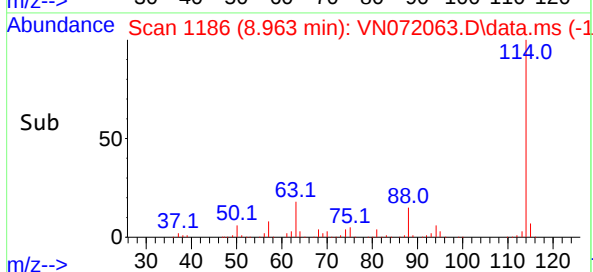
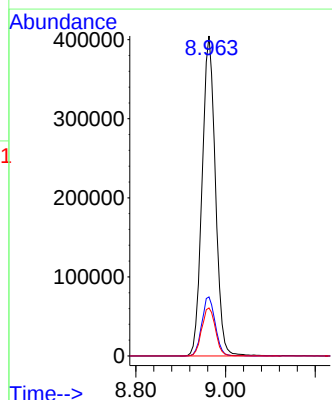
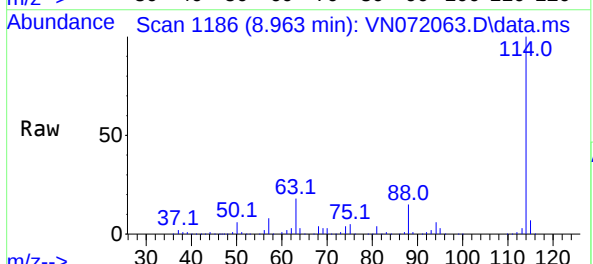
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-4-GR

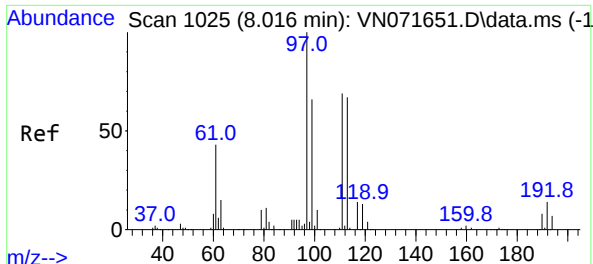
Tgt Ion: 65 Resp: 277407
Ion Ratio Lower Upper
65 100
67 53.5 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072063.D
Acq: 19 Apr 2022 20:39

Tgt Ion: 114 Resp: 831025
Ion Ratio Lower Upper
114 100
63 18.4 0.0 40.0
88 15.0 0.0 32.6



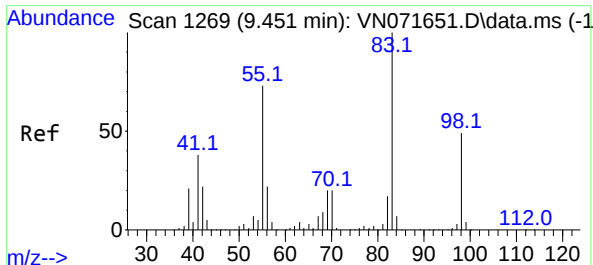
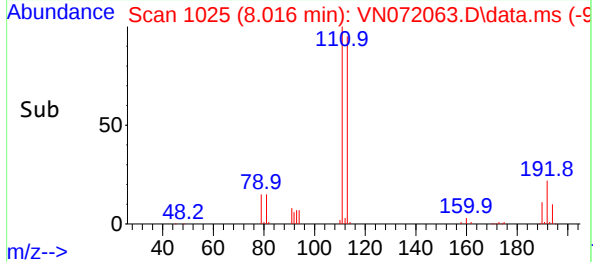
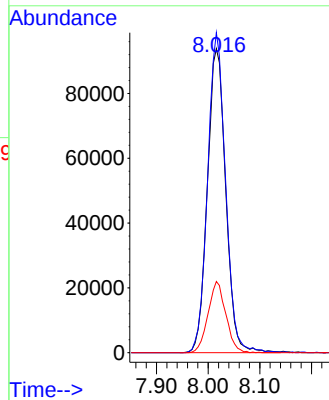
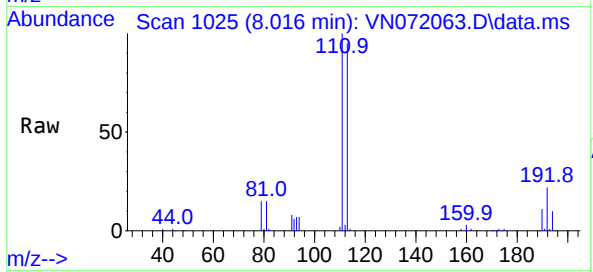


#35
Dibromofluoromethane
Concen: 47.445 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072063.D
Acq: 19 Apr 2022 20:39

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

Tgt Ion:113 Resp: 232011

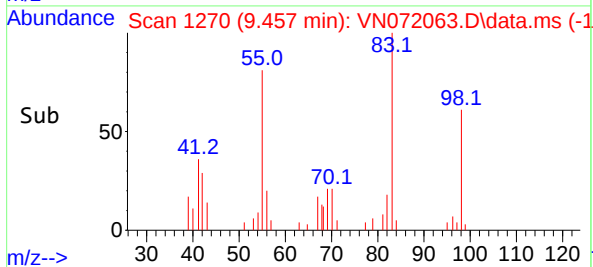
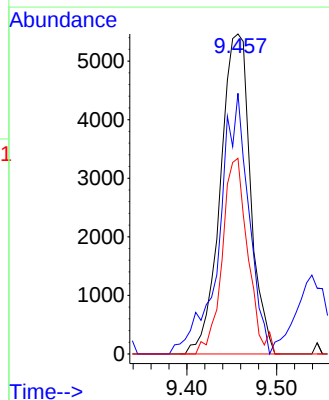
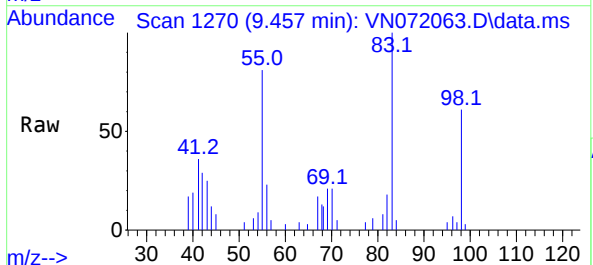
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	22.6	17.0	25.6

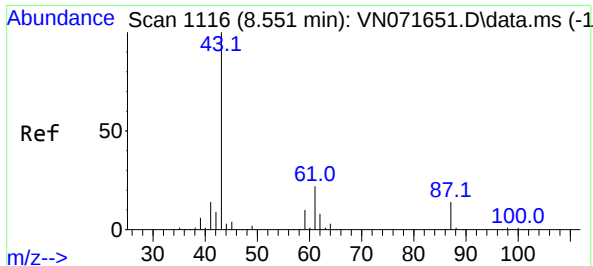


#39
Methylcyclohexane
Concen: 1.566 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VN072063.D
Acq: 19 Apr 2022 20:39

Tgt Ion: 83 Resp: 12728

Ion	Ratio	Lower	Upper
83	100		
55	78.4	57.8	86.8
98	61.2	39.4	59.2

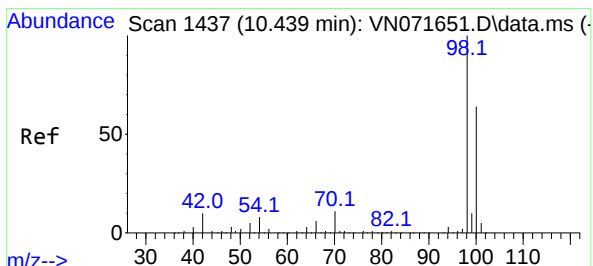
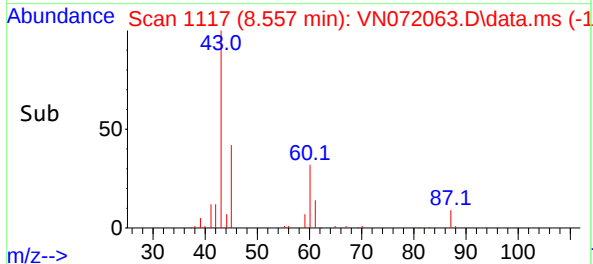
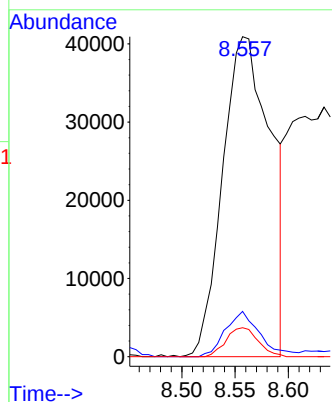
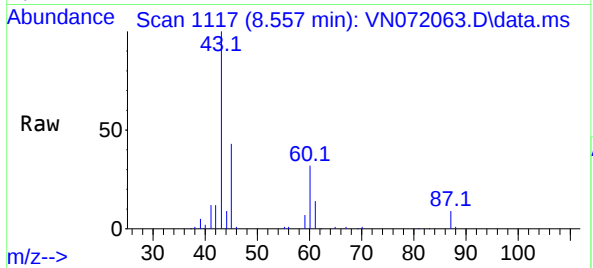




#43
Isopropyl Acetate
Concen: 10.307 ug/l
RT: 8.557 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN072063.D
Acq: 19 Apr 2022 20:39

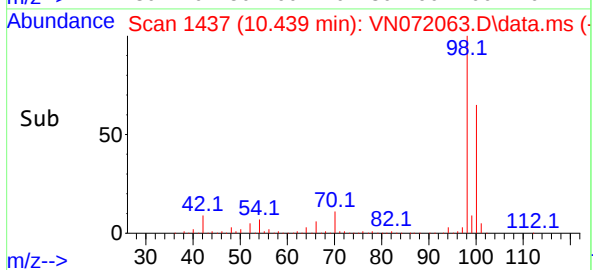
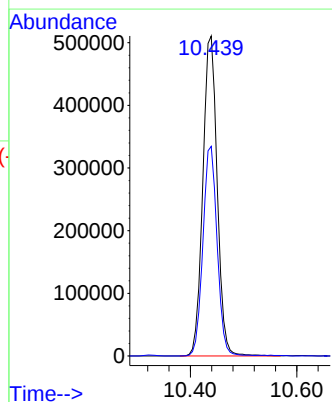
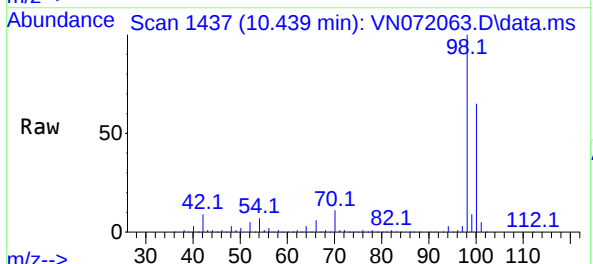
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ClientSampleId :
WC-15-1-4-GR

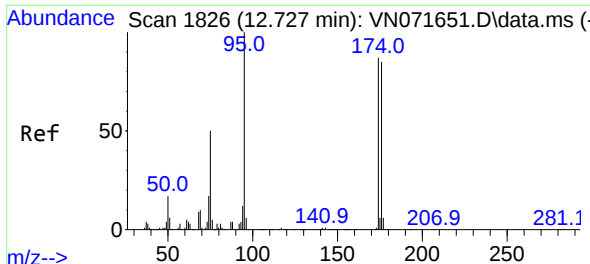
Tgt Ion: 43 Resp: 128138
Ion Ratio Lower Upper
43 100
61 10.2 21.9 32.9#
87 6.1 12.0 18.0#



#50
Toluene-d8
Concen: 47.744 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072063.D
Acq: 19 Apr 2022 20:39

Tgt Ion: 98 Resp: 955077
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

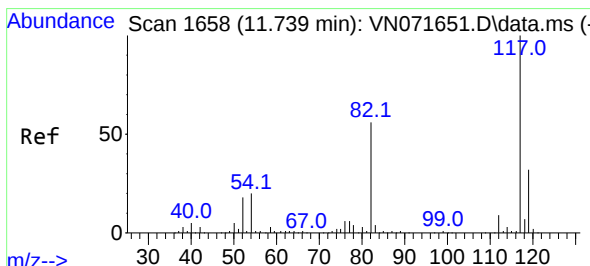
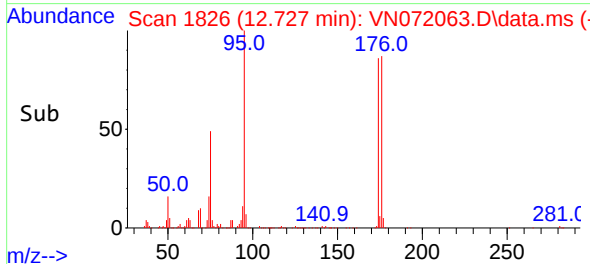
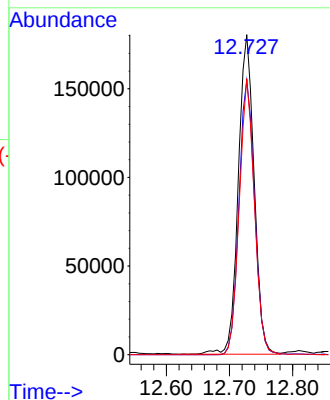
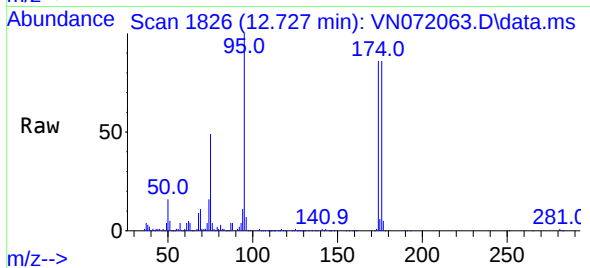




#62
4-Bromofluorobenzene
Concen: 48.499 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072063.D
Acq: 19 Apr 2022 20:39

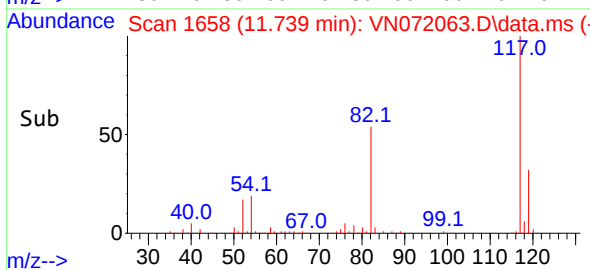
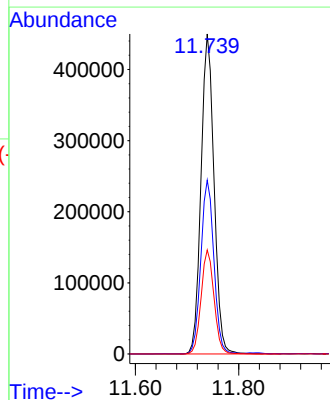
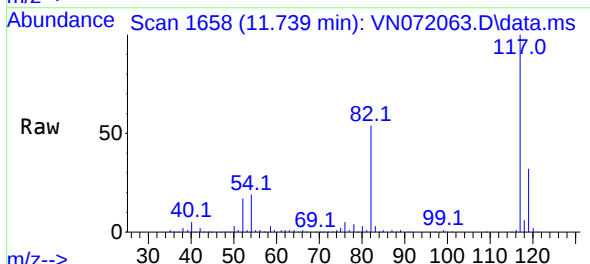
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-4-GR

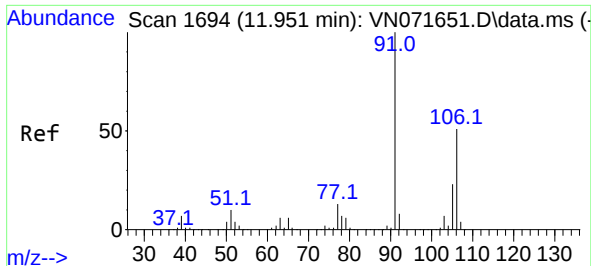
Tgt Ion: 95 Resp: 313775
Ion Ratio Lower Upper
95 100
174 84.8 0.0 167.6
176 82.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072063.D
Acq: 19 Apr 2022 20:39

Tgt Ion: 117 Resp: 785826
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 32.5 25.4 38.0

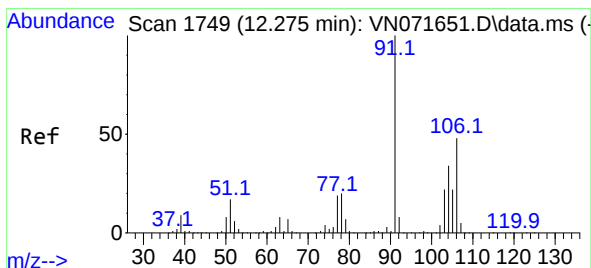
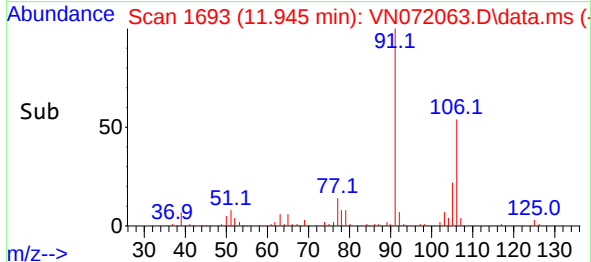
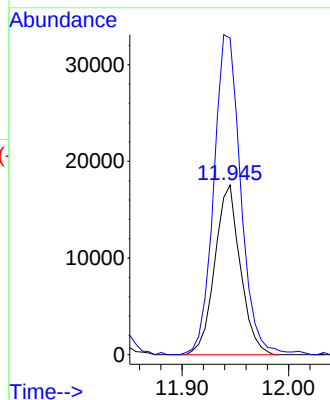
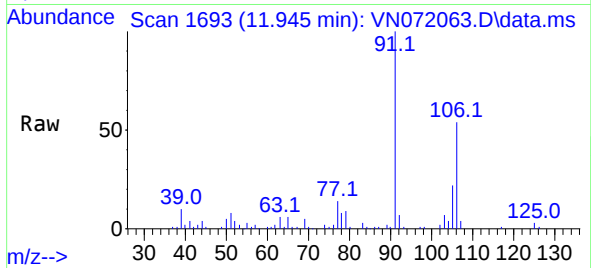




#68
m/p-Xylenes
Concen: 2.849 ug/l
RT: 11.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN072063.D
Acq: 19 Apr 2022 20:39

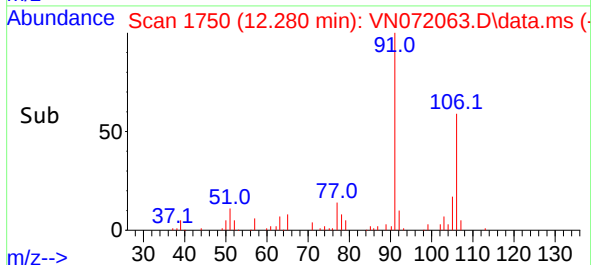
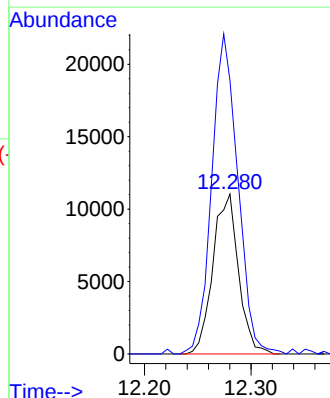
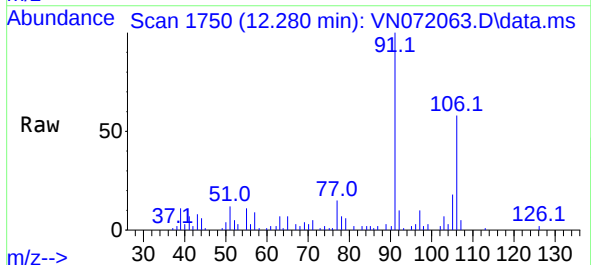
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-4-GR

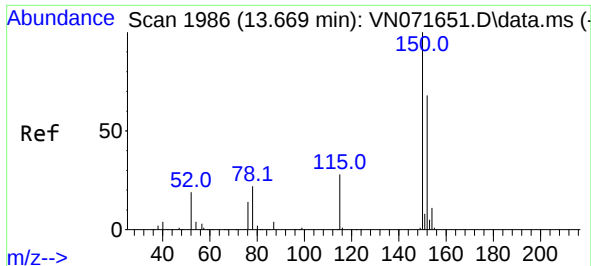
Tgt Ion:106 Resp: 29160
Ion Ratio Lower Upper
106 100
91 200.0 158.9 238.3



#69
o-Xylene
Concen: 1.811 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.005 min
Lab File: VN072063.D
Acq: 19 Apr 2022 20:39

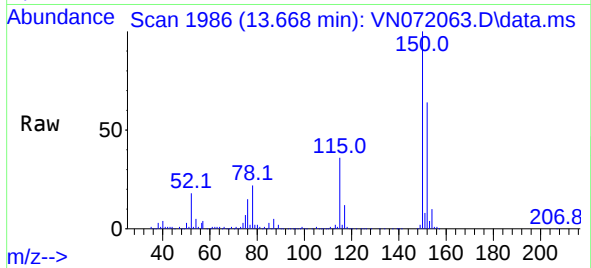
Tgt Ion:106 Resp: 18398
Ion Ratio Lower Upper
106 100
91 204.0 106.0 318.0



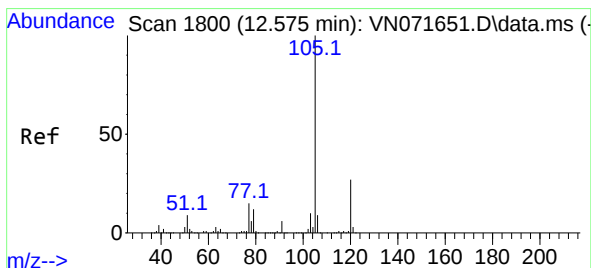
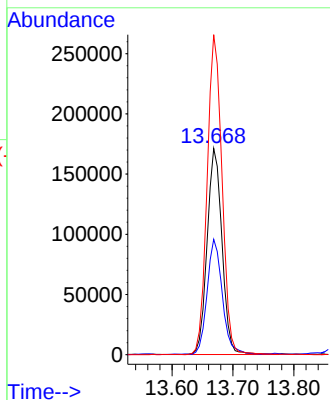
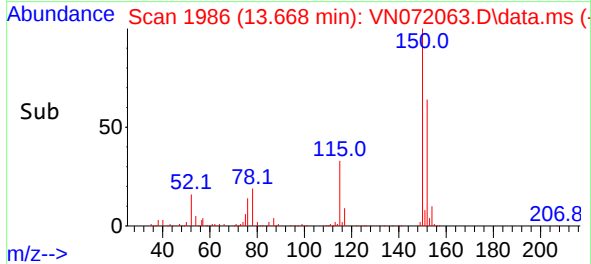


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072063.D
Acq: 19 Apr 2022 20:39

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

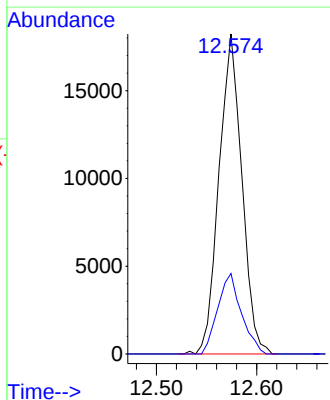
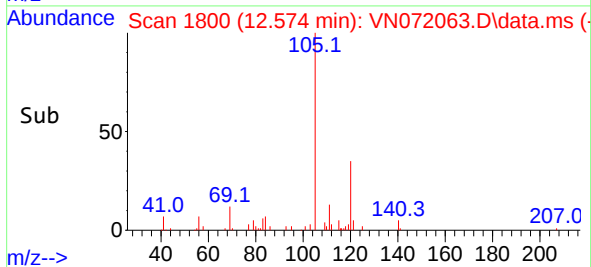
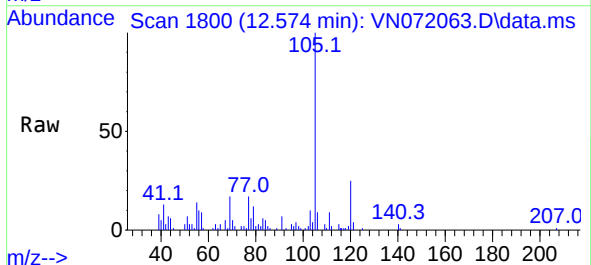


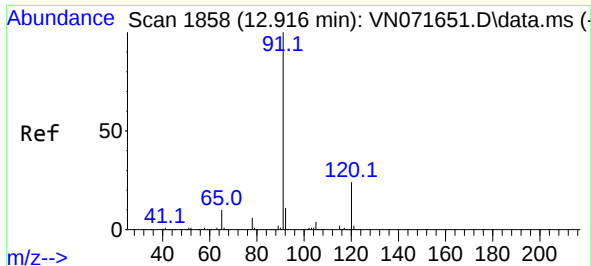
Tgt Ion:152 Resp: 289803
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.7
150 155.7 0.0 356.2



#73
Isopropylbenzene
Concen: 1.182 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072063.D
Acq: 19 Apr 2022 20:39

Tgt Ion:105 Resp: 28857
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4

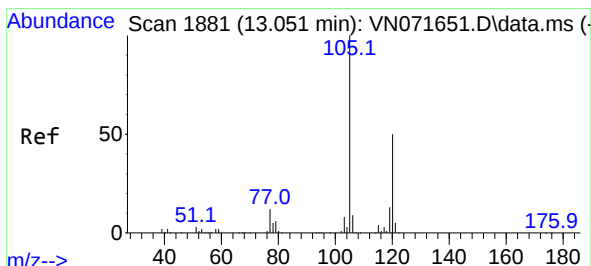
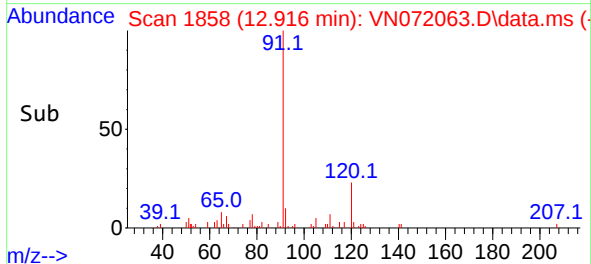
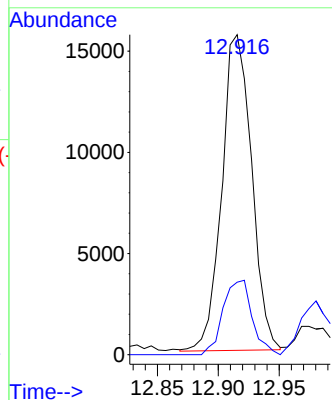
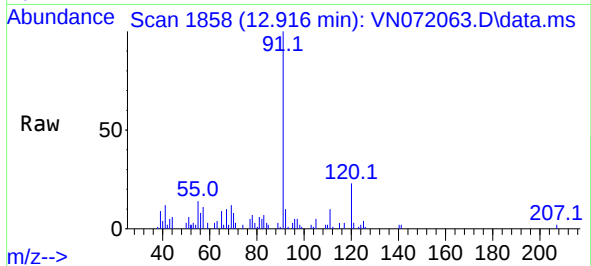




#78
n-propylbenzene
Concen: 1.038 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072063.D
Acq: 19 Apr 2022 20:39

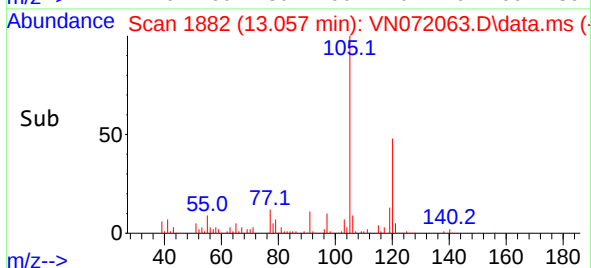
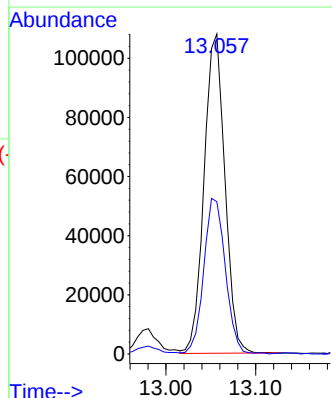
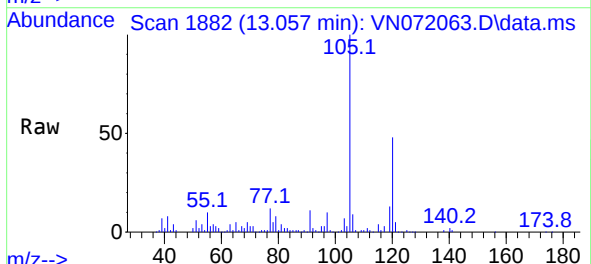
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-4-GR

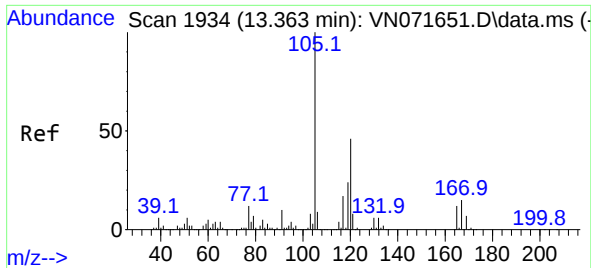
Tgt Ion: 91 Resp: 26662
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 8.999 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072063.D
Acq: 19 Apr 2022 20:39

Tgt Ion: 105 Resp: 174127
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.7





#84
 1,2,4-Trimethylbenzene
 Concen: 19.661 ug/l
 RT: 13.363 min Scan# 1934
 Delta R.T. -0.000 min
 Lab File: VN072063.D
 Acq: 19 Apr 2022 20:39

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

Tgt Ion:105 Resp: 371174
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.3 69.8

