

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041922\
 Data File : VN072062.D
 Acq On : 19 Apr 2022 20:15
 Operator : JC\MD
 Sample : N2452-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-15-1-3

Quant Time: Apr 20 01:29:32 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)

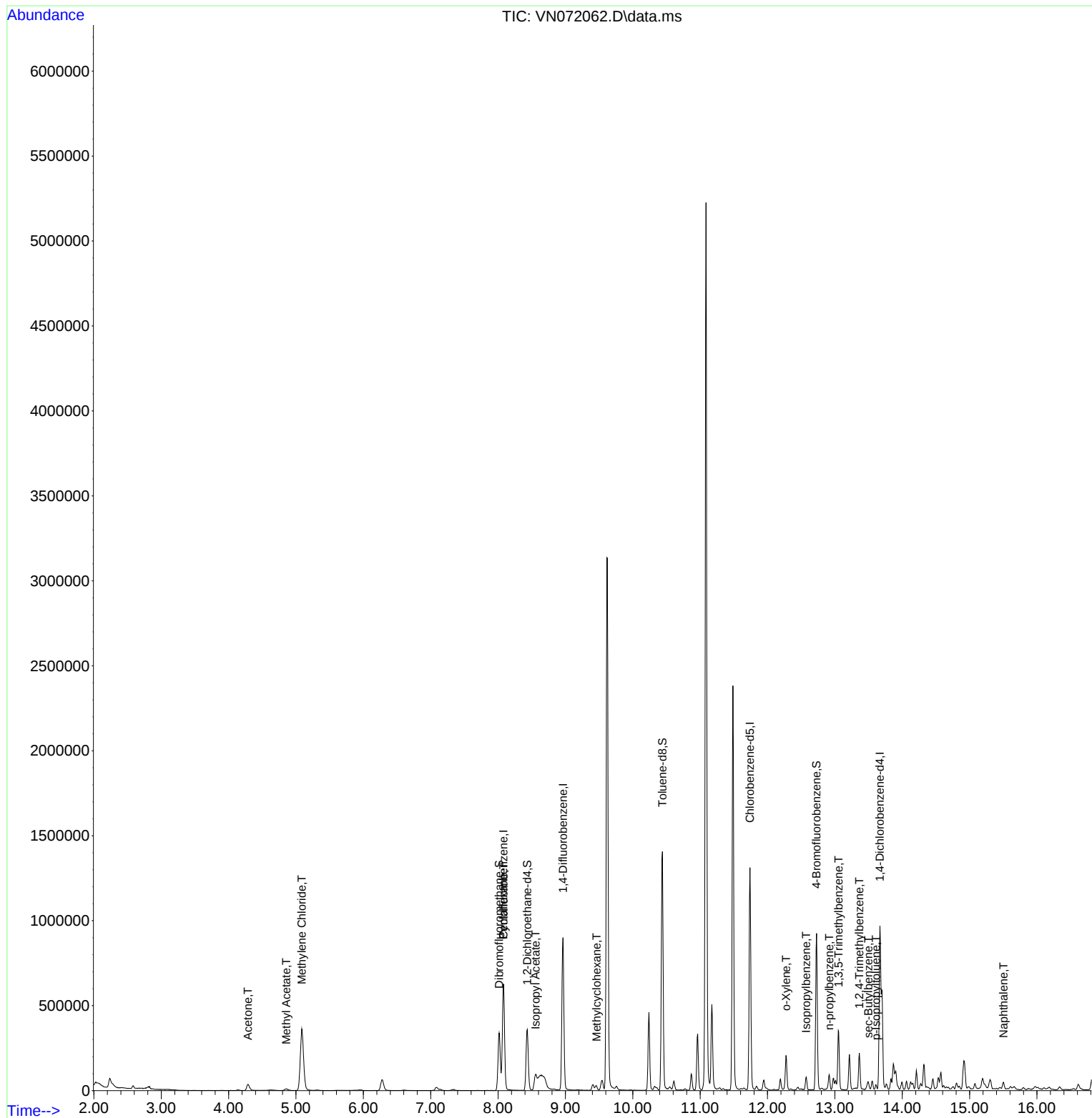
Internal Standards						
1) Pentafluorobenzene	8.081	168	517025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	833540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	799053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	290566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	301325	51.051	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.100%			
35) Dibromofluoromethane	8.016	113	252841	51.549	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.100%			
50) Toluene-d8	10.439	98	1029529	51.310	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.620%			
62) 4-Bromofluorobenzene	12.727	95	325232	50.118	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.240%			
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	62224	24.668	ug/l	89
18) Methyl Acetate	4.857	43	21753	2.030	ug/l	98
20) Methylene Chloride	5.087	84	325332	61.190	ug/l	99
31) Cyclohexane	8.081	56	13126	1.635	ug/l #	2
39) Methylcyclohexane	9.463	83	12038	1.476	ug/l #	86
43) Isopropyl Acetate	8.557	43	119125	9.553	ug/l #	74
69) o-Xylene	12.275	106	57750	5.591	ug/l	98
73) Isopropylbenzene	12.574	105	51727	2.113	ug/l	100
78) n-propylbenzene	12.916	91	71540	2.778	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	194432	10.022	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	123308	6.514	ug/l	100
85) sec-Butylbenzene	13.498	105	26717	1.162	ug/l #	74
86) p-Isopropyltoluene	13.610	119	14874	0.811	ug/l	96
95) Naphthalene	15.504	128	43428	6.835	ug/l	98

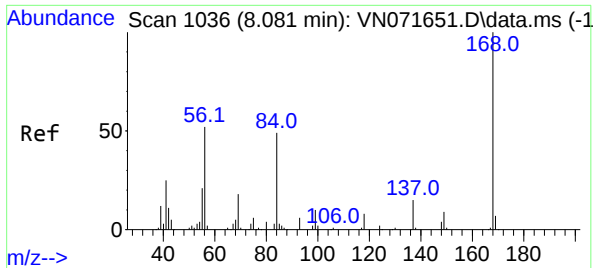
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 20 01:29:32 2022
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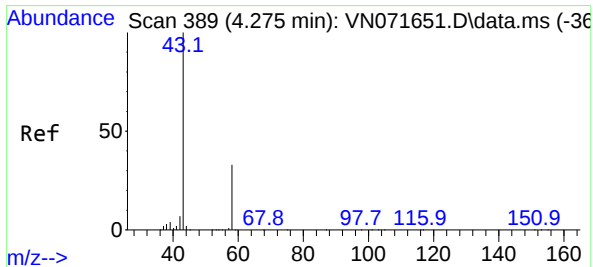
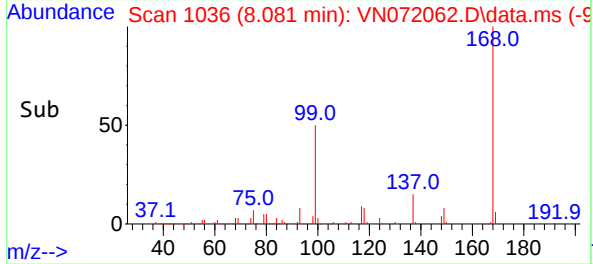
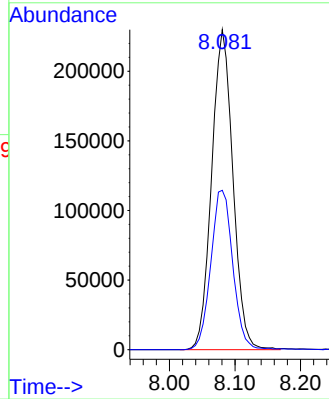
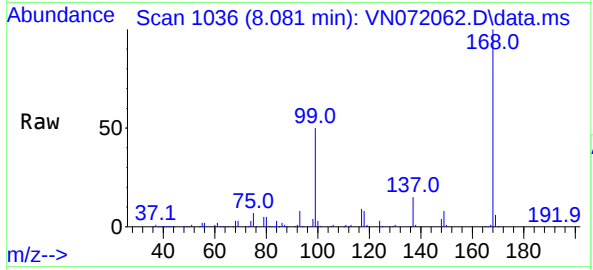




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072062.D
Acq: 19 Apr 2022 20:15

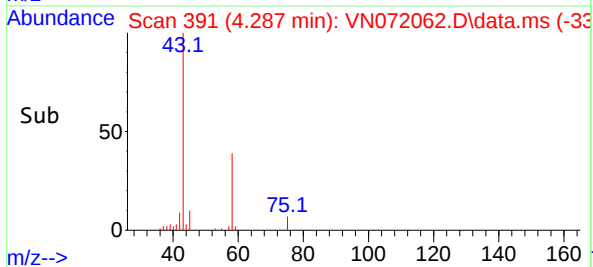
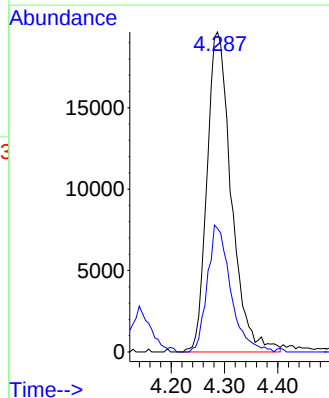
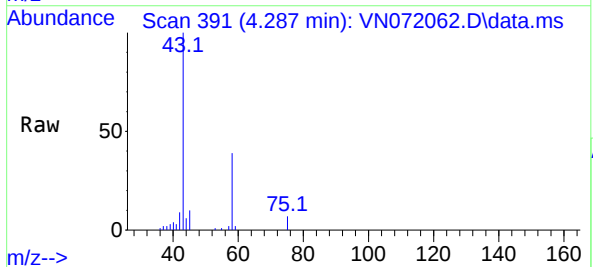
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-3

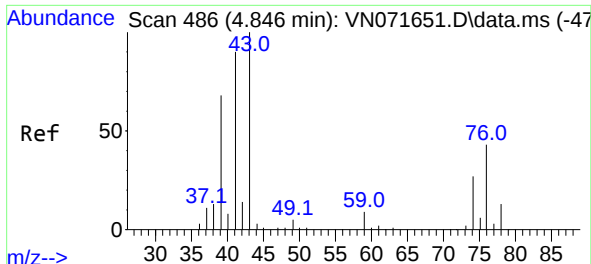
Tgt Ion:168 Resp: 517025
Ion Ratio Lower Upper
168 100
99 49.8 42.3 63.5



#16
Acetone
Concen: 24.668 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072062.D
Acq: 19 Apr 2022 20:15

Tgt Ion: 43 Resp: 62224
Ion Ratio Lower Upper
43 100
58 38.6 26.0 39.0

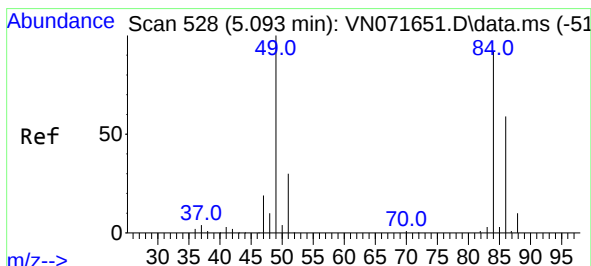
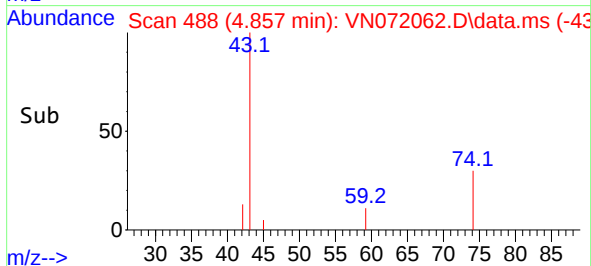
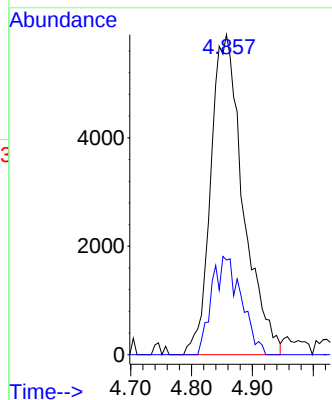
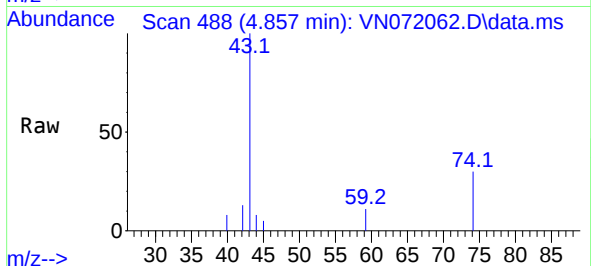




#18
Methyl Acetate
Concen: 2.030 ug/l
RT: 4.857 min Scan# 486
Delta R.T. 0.011 min
Lab File: VN072062.D
Acq: 19 Apr 2022 20:15

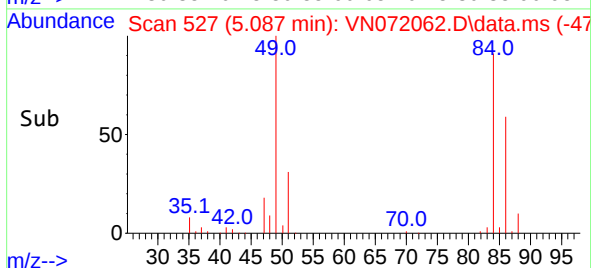
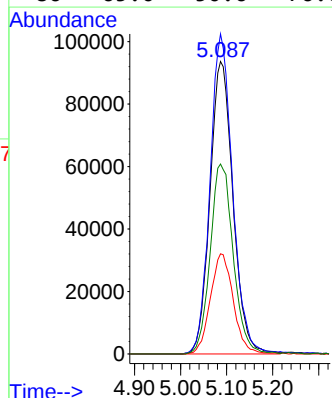
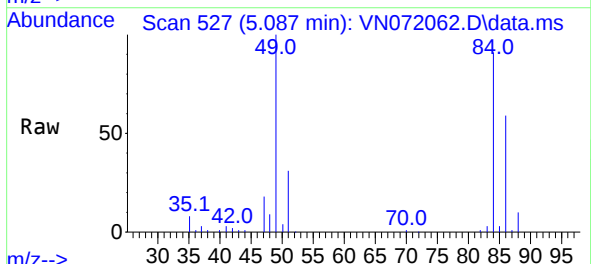
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-3

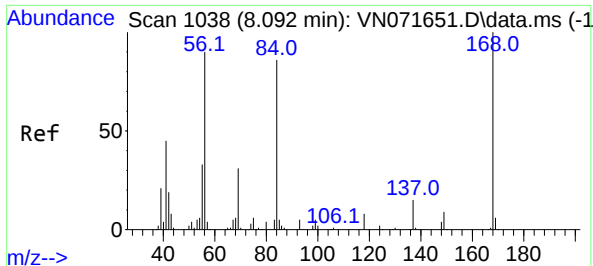
Tgt Ion: 43 Resp: 21753
Ion Ratio Lower Upper
43 100
74 28.0 21.6 32.4



#20
Methylene Chloride
Concen: 61.190 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN072062.D
Acq: 19 Apr 2022 20:15

Tgt Ion: 84 Resp: 325332
Ion Ratio Lower Upper
84 100
49 109.4 88.3 132.5
51 34.2 28.2 42.2
86 65.0 50.6 76.0





#31

Cyclohexane

Concen: 1.635 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN072062.D

Acq: 19 Apr 2022 20:15

Instrument :

MSVOA_N

ClientSampleId :

WC-15-1-3

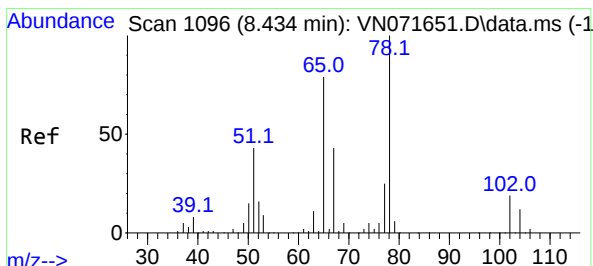
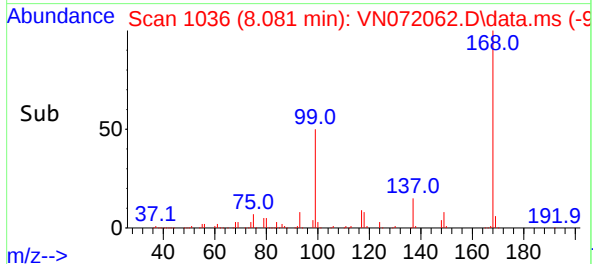
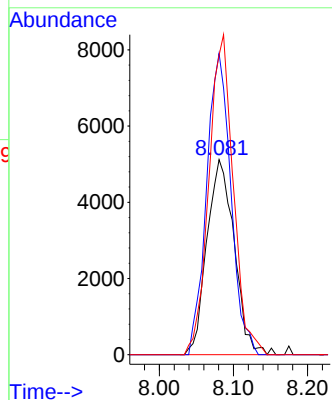
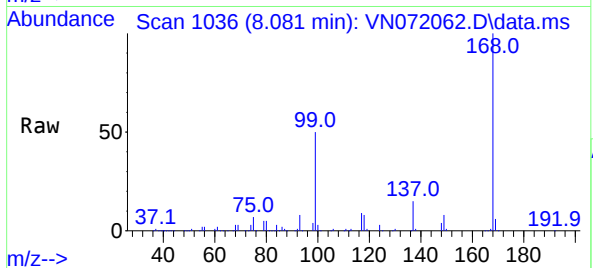
Tgt Ion: 56 Resp: 13126

Ion Ratio Lower Upper

56 100

69 154.4 27.8 41.8#

84 153.4 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 51.051 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072062.D

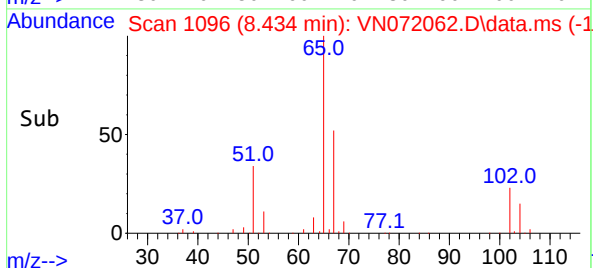
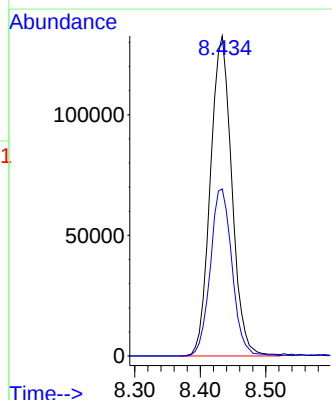
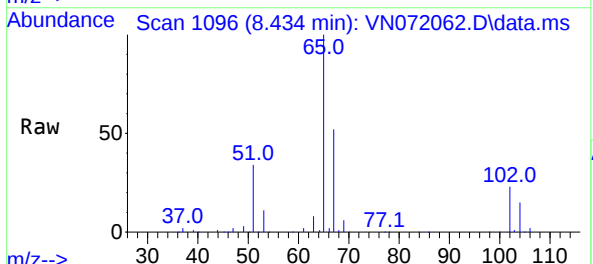
Acq: 19 Apr 2022 20:15

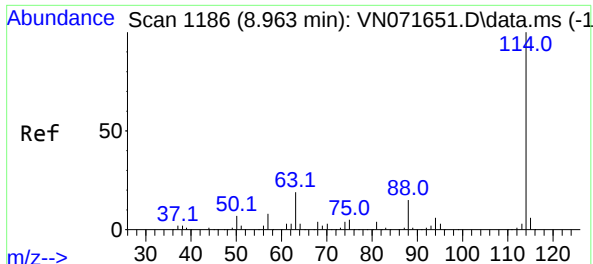
Tgt Ion: 65 Resp: 301325

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.8



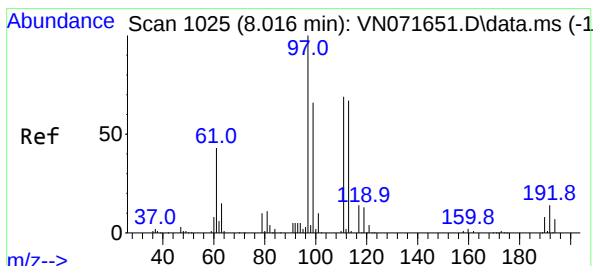
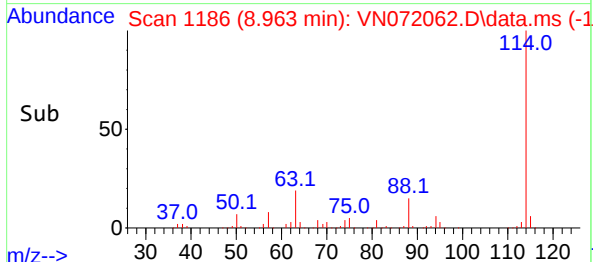
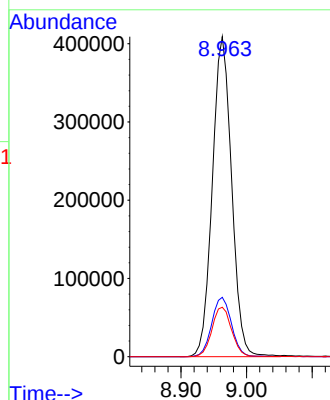
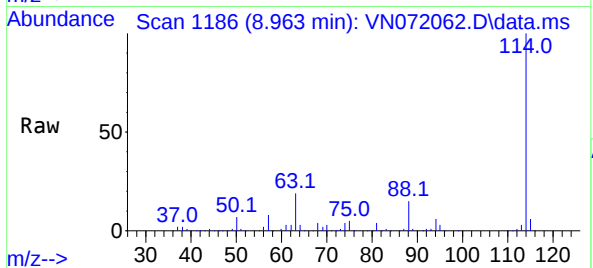


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072062.D
Acq: 19 Apr 2022 20:15

Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-3

Tgt Ion:114 Resp: 833540

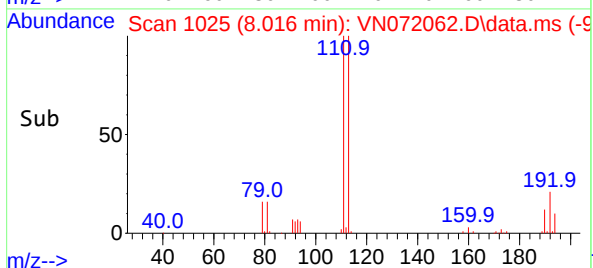
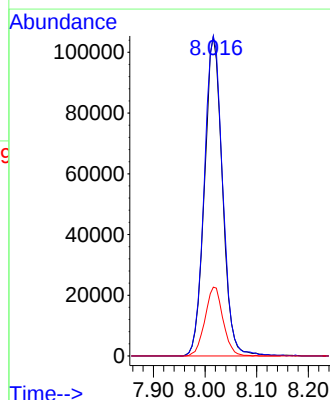
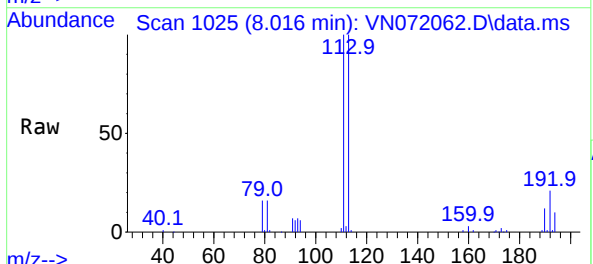
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	40.0
88	15.4	0.0	32.6

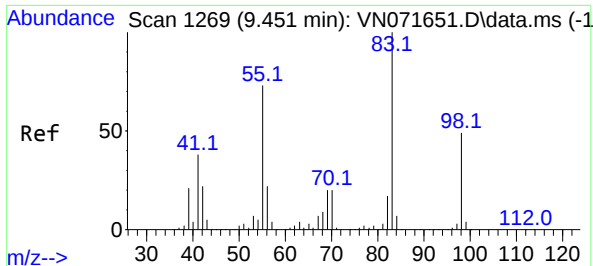


#35
Dibromofluoromethane
Concen: 51.549 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072062.D
Acq: 19 Apr 2022 20:15

Tgt Ion:113 Resp: 252841

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	21.8	17.0	25.6





#39

Methylcyclohexane

Concen: 1.476 ug/l

RT: 9.463 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN072062.D

Acq: 19 Apr 2022 20:15

Instrument :

MSVOA_N

ClientSampleId :

WC-15-1-3

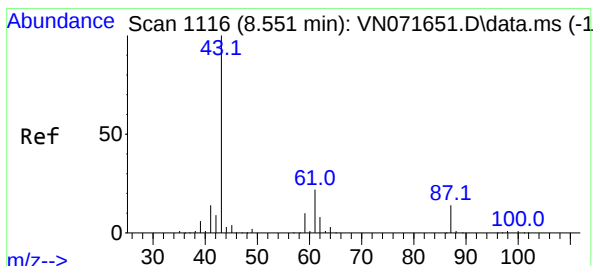
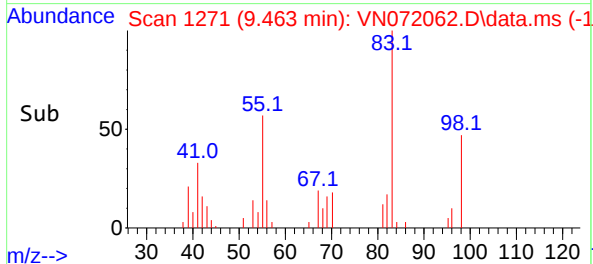
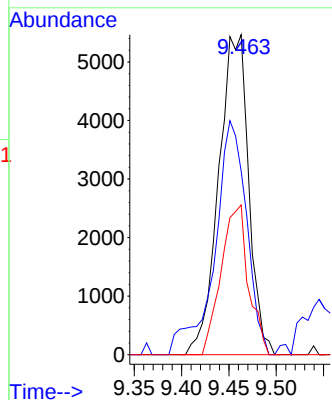
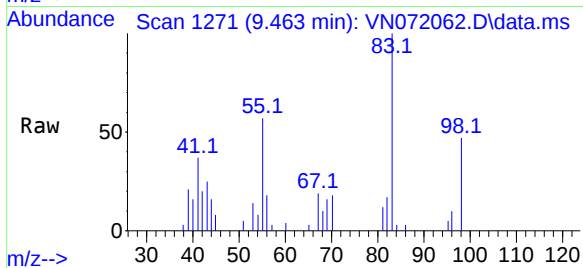
Tgt Ion: 83 Resp: 12038

Ion Ratio Lower Upper

83 100

55 54.6 57.8 86.8#

98 46.8 39.4 59.2



#43

Isopropyl Acetate

Concen: 9.553 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.006 min

Lab File: VN072062.D

Acq: 19 Apr 2022 20:15

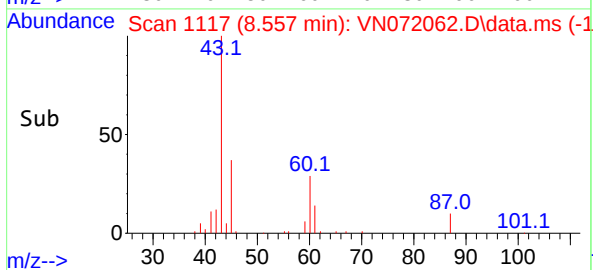
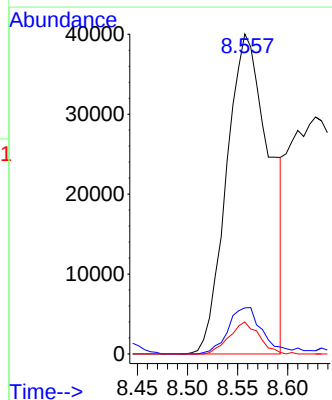
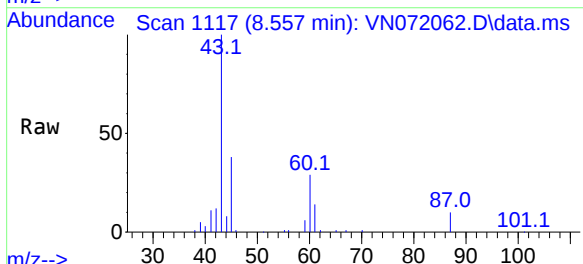
Tgt Ion: 43 Resp: 119125

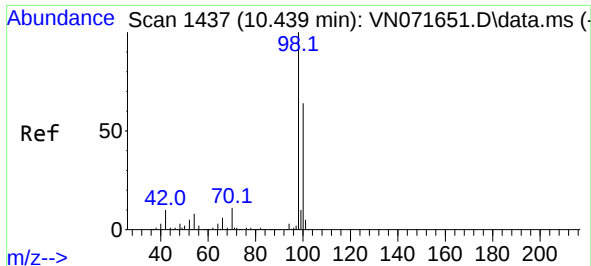
Ion Ratio Lower Upper

43 100

61 12.1 21.9 32.9#

87 6.9 12.0 18.0#

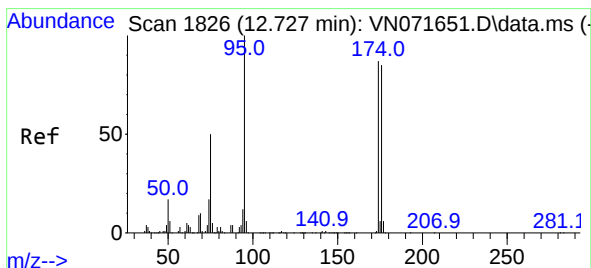
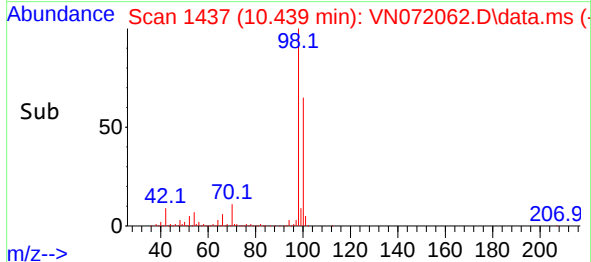
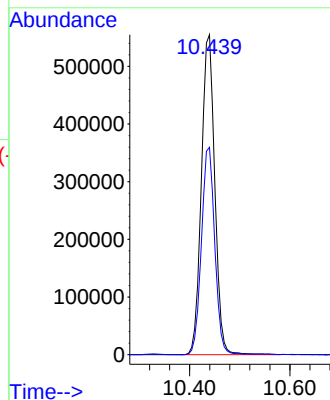
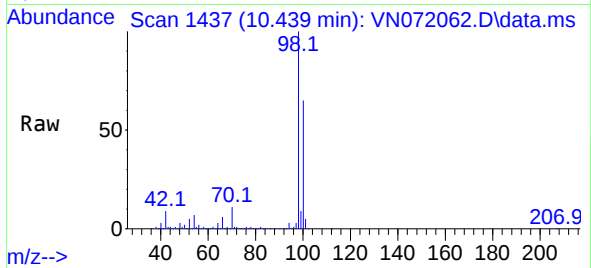




#50
Toluene-d8
Concen: 51.310 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072062.D
Acq: 19 Apr 2022 20:15

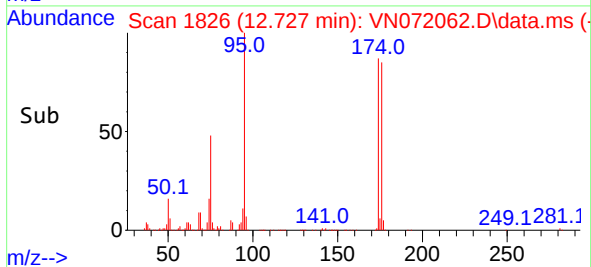
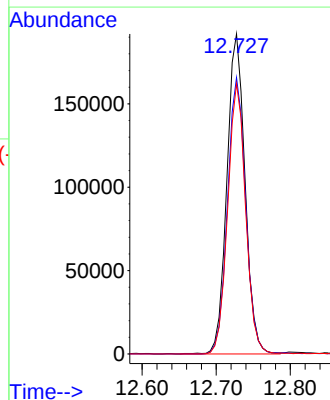
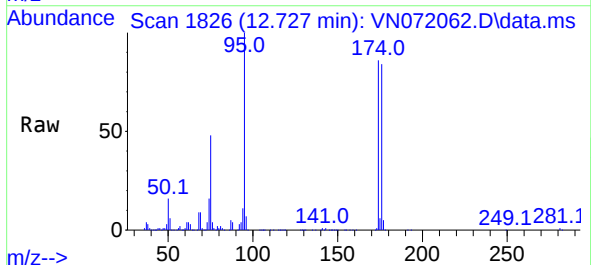
Instrument :
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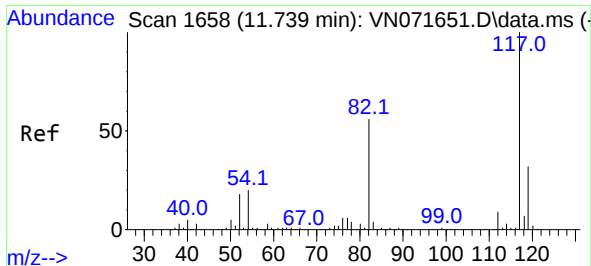
Tgt Ion: 98 Resp: 1029529
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.118 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072062.D
Acq: 19 Apr 2022 20:15

Tgt Ion: 95 Resp: 325232
Ion Ratio Lower Upper
95 100
174 87.1 0.0 167.6
176 83.8 0.0 163.4

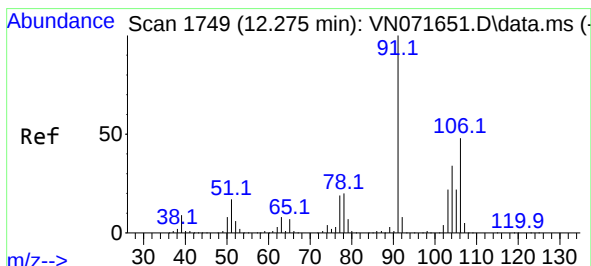
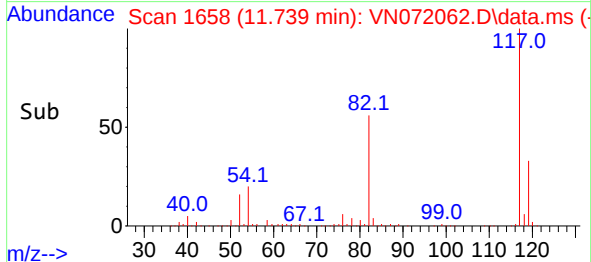
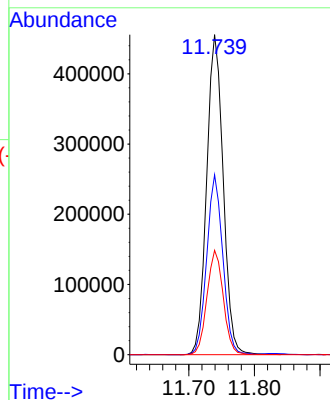
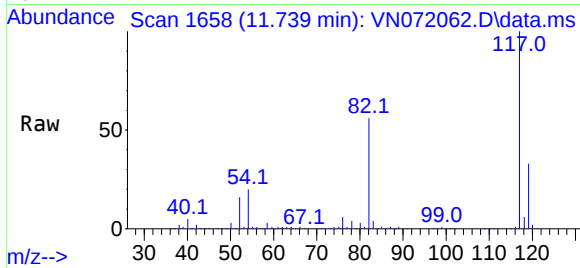




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072062.D
Acq: 19 Apr 2022 20:15

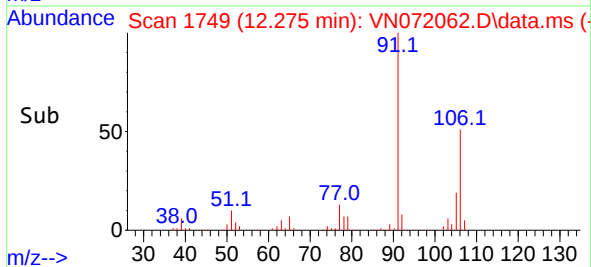
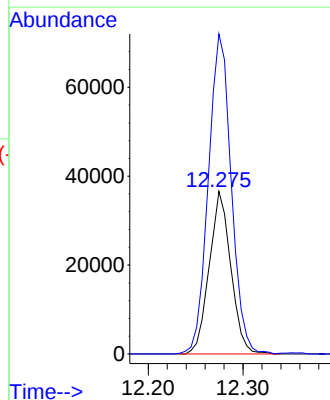
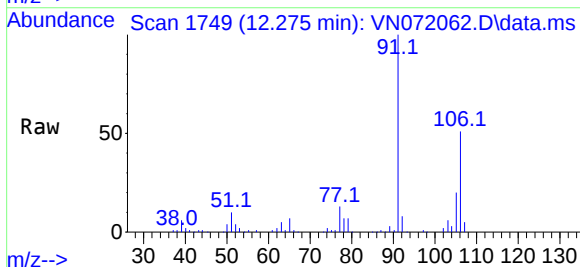
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-3

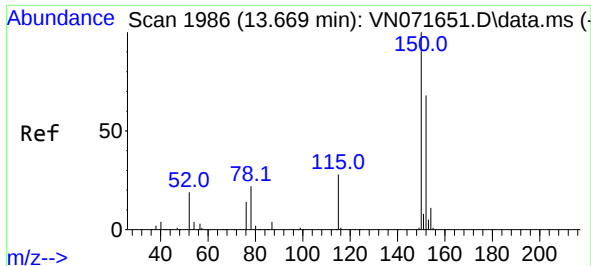
Tgt Ion:117 Resp: 799053
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.2
119 32.6 25.4 38.0



#69
o-Xylene
Concen: 5.591 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072062.D
Acq: 19 Apr 2022 20:15

Tgt Ion:106 Resp: 57750
Ion Ratio Lower Upper
106 100
91 209.1 106.0 318.0

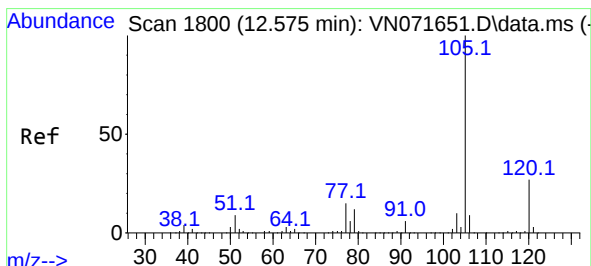
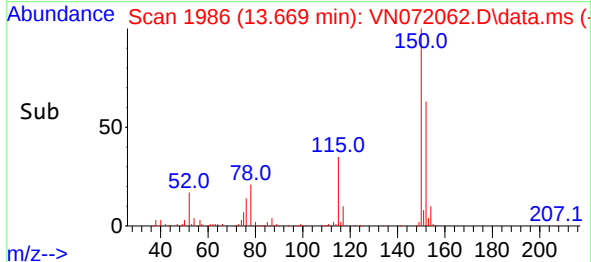
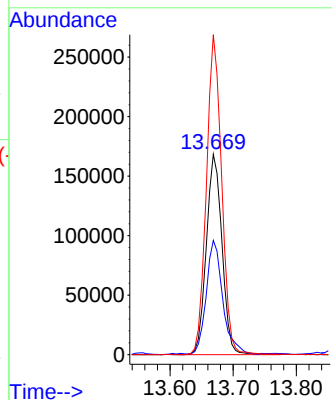
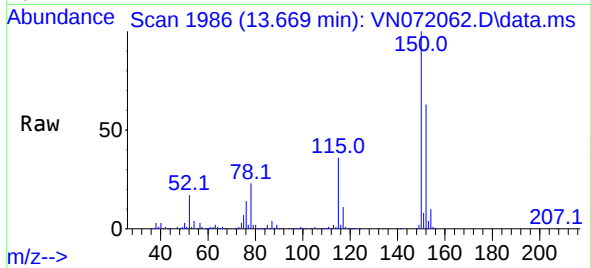




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072062.D
Acq: 19 Apr 2022 20:15

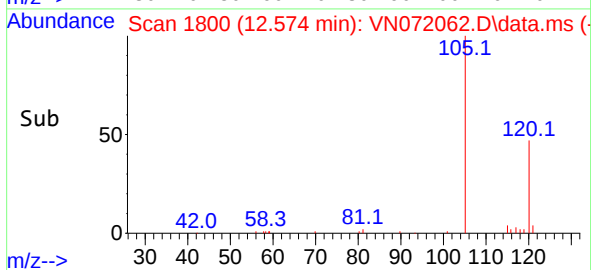
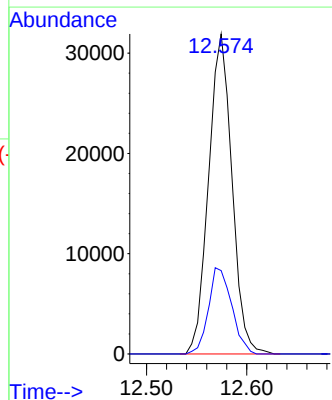
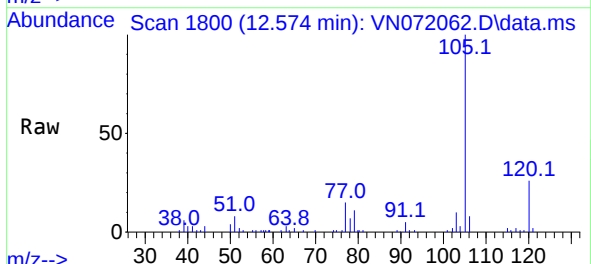
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-3

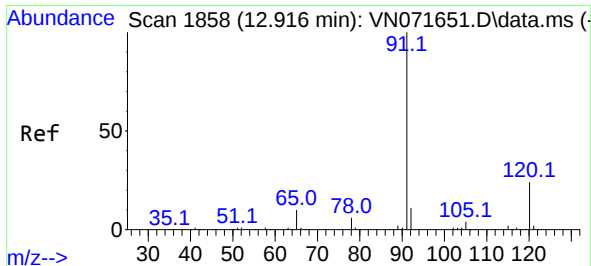
Tgt Ion:152 Resp: 290566
Ion Ratio Lower Upper
152 100
115 59.6 28.9 86.7
150 155.5 0.0 356.2



#73
Isopropylbenzene
Concen: 2.113 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072062.D
Acq: 19 Apr 2022 20:15

Tgt Ion:105 Resp: 51727
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4

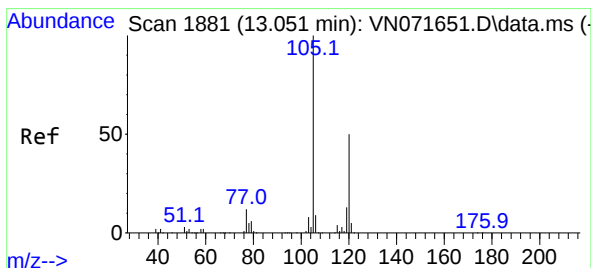
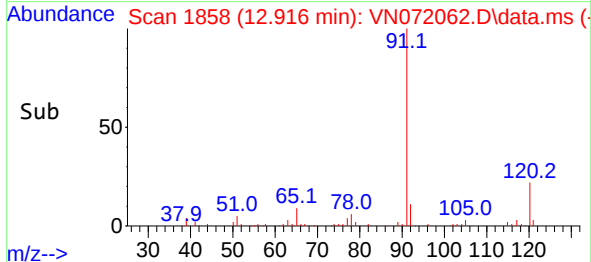
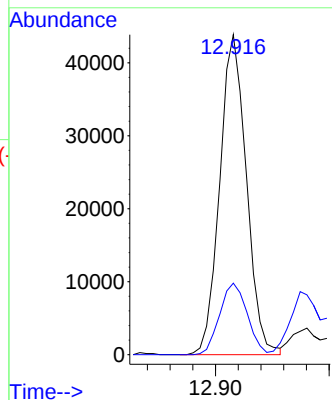
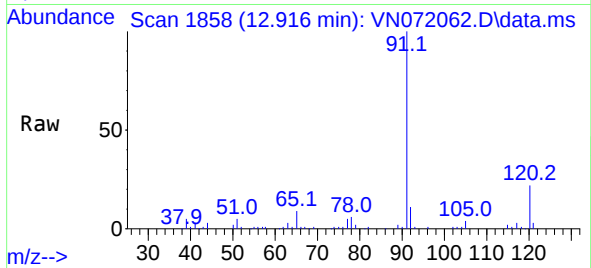




#78
n-propylbenzene
Concen: 2.778 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072062.D
Acq: 19 Apr 2022 20:15

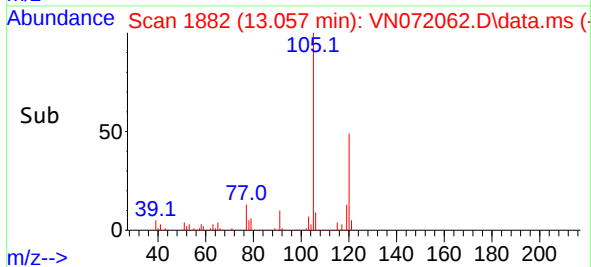
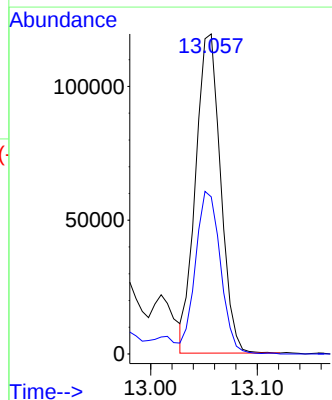
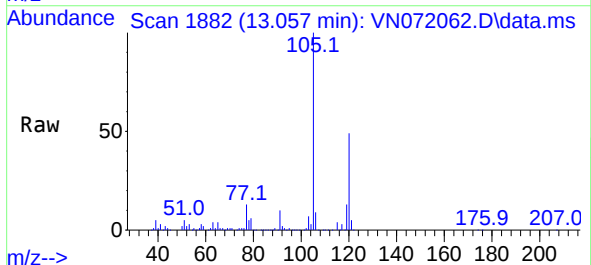
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-3

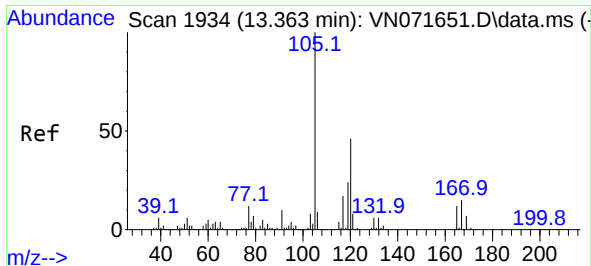
Tgt Ion: 91 Resp: 71540
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 10.022 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072062.D
Acq: 19 Apr 2022 20:15

Tgt Ion:105 Resp: 194432
Ion Ratio Lower Upper
105 100
120 51.2 24.9 74.7

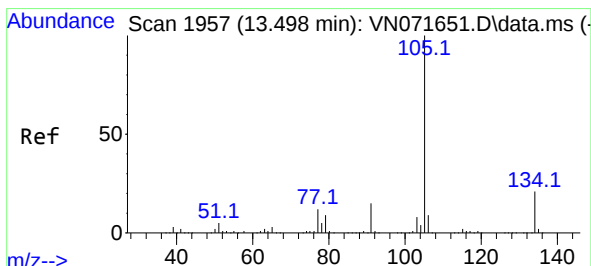
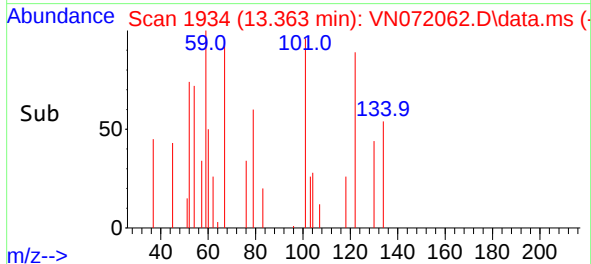
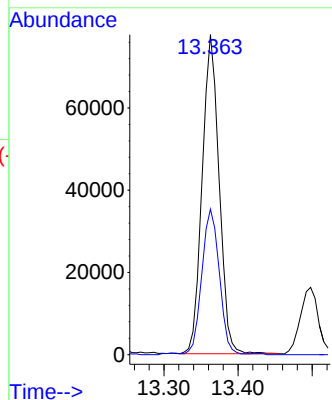
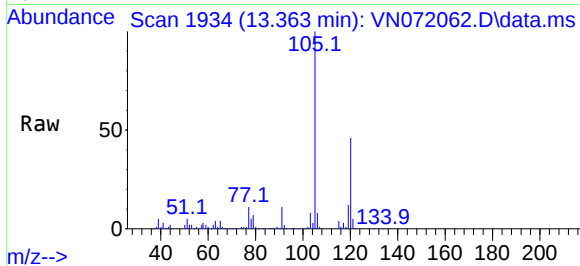




#84
1,2,4-Trimethylbenzene
Concen: 6.514 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072062.D
Acq: 19 Apr 2022 20:15

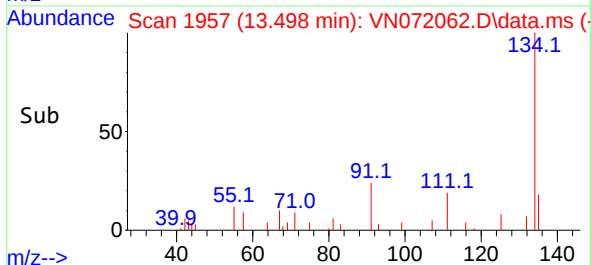
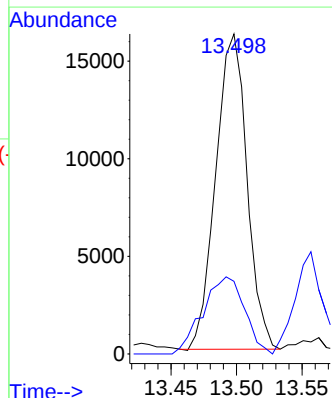
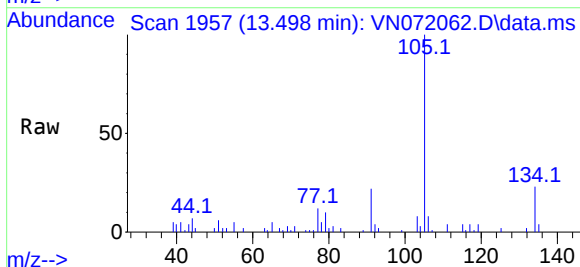
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-3

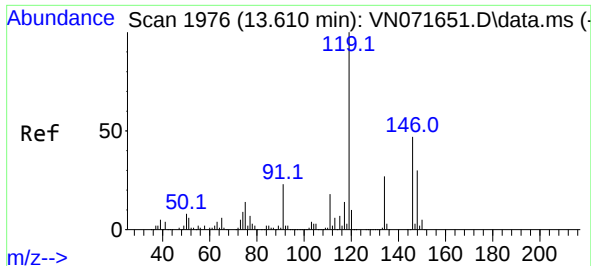
Tgt Ion:105 Resp: 123308
Ion Ratio Lower Upper
105 100
120 46.3 23.3 69.8



#85
sec-Butylbenzene
Concen: 1.162 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN072062.D
Acq: 19 Apr 2022 20:15

Tgt Ion:105 Resp: 26717
Ion Ratio Lower Upper
105 100
134 32.6 10.4 31.1#

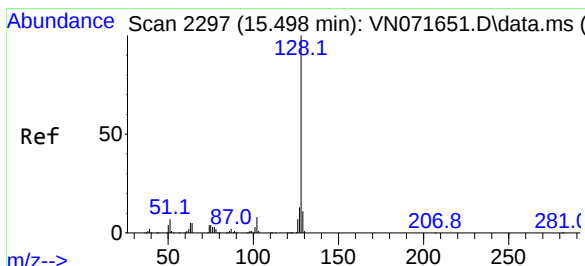
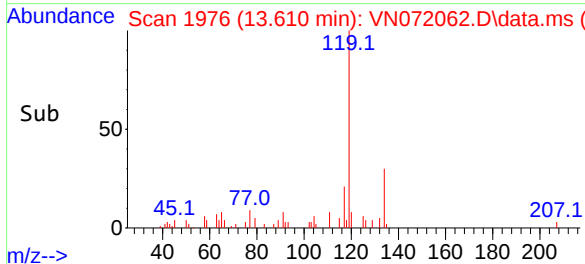
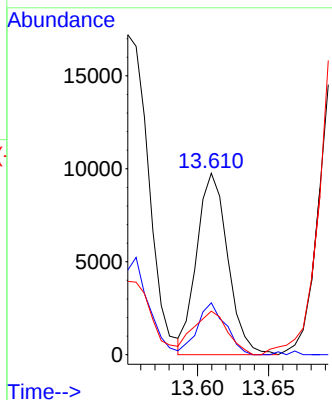
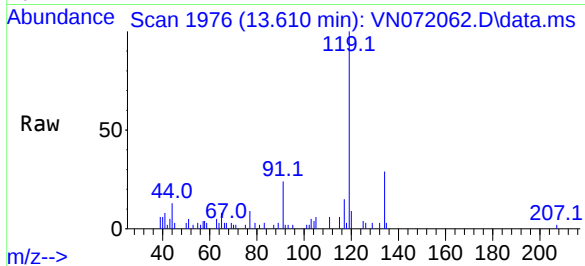




#86
p-Isopropyltoluene
Concen: 0.811 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072062.D
Acq: 19 Apr 2022 20:15

Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-3

Tgt Ion:	119	Resp:	14874
Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.3	39.8
91	26.2	11.3	33.9



#95
Naphthalene
Concen: 6.835 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072062.D
Acq: 19 Apr 2022 20:15

Tgt Ion:	128	Resp:	43428
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	9.7	8.6	13.0

