

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042222\
 Data File : VN072165.D
 Acq On : 22 Apr 2022 18:35
 Operator : JC\MD
 Sample : N2522-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-1756

Quant Time: Apr 23 03:23:02 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)

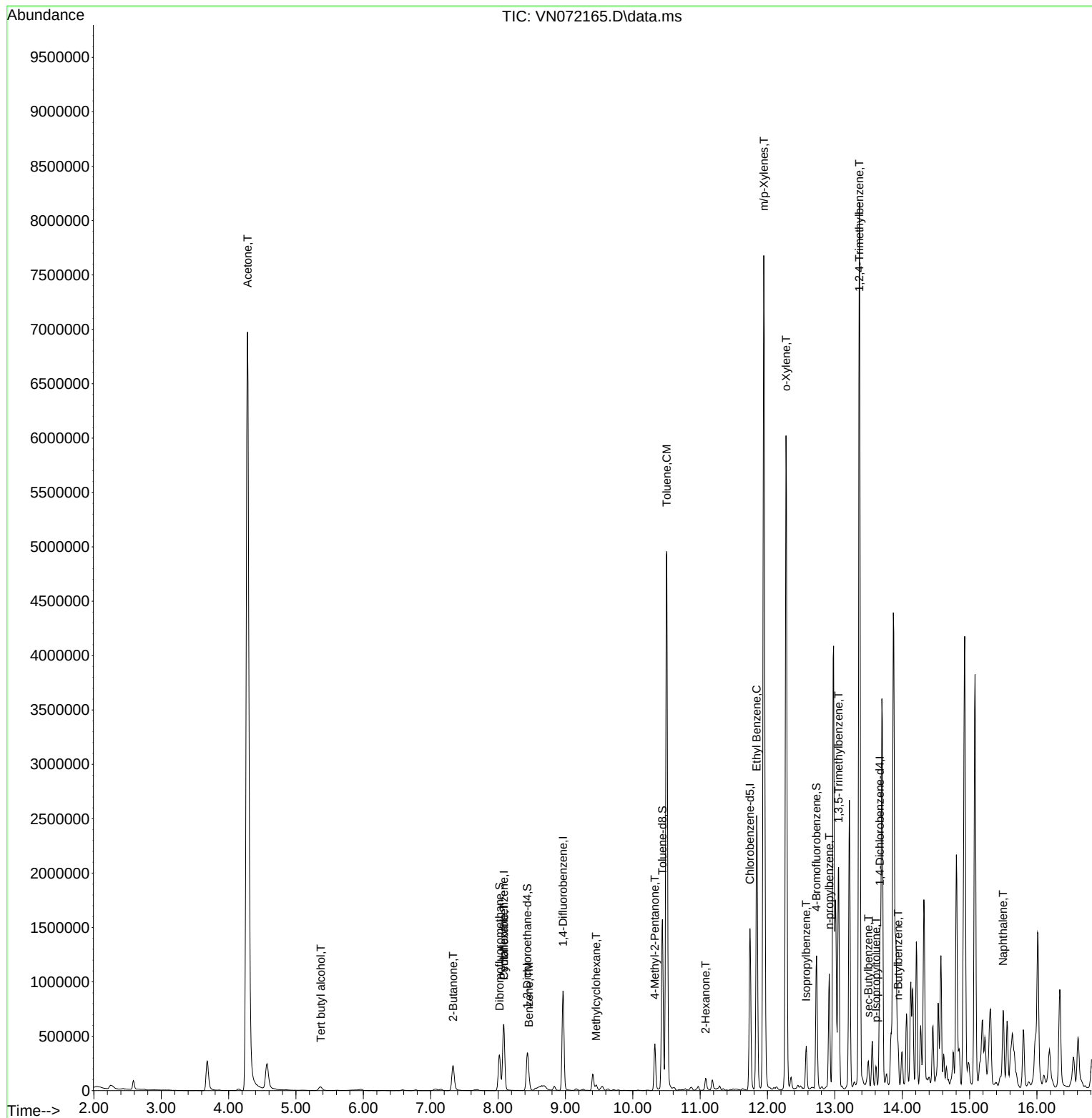
Internal Standards						
1) Pentafluorobenzene	8.086	168	516788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	868514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	949499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	427437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	263877	44.727	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.460%		
35) Dibromofluoromethane	8.022	113	247585	48.444	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.880%		
50) Toluene-d8	10.439	98	1135466	54.311	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.620%		
62) 4-Bromofluorobenzene	12.727	95	431304	63.788	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	127.580%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.369	59	68074	71.101	ug/l	98
16) Acetone	4.281	43	12737651	5051.946	ug/l #	88
25) 2-Butanone	7.334	43	381470	104.949	ug/l	93
31) Cyclohexane	8.086	56	11701	1.458	ug/l #	1
39) Methylcyclohexane	9.457	83	20786	2.447	ug/l	89
40) Benzene	8.457	78	78905	3.500	ug/l	97
51) 4-Methyl-2-Pentanone	10.328	43	270625	36.227	ug/l	96
52) Toluene	10.504	92	2394309	168.005	ug/l	98
59) 2-Hexanone	11.080	43	61291	11.653	ug/l	100
67) Ethyl Benzene	11.839	91	1892053	58.786	ug/l	97
68) m/p-Xylenes	11.945	106	2607382	210.844	ug/l	97
69) o-Xylene	12.274	106	1771814	144.350	ug/l	96
73) Isopropylbenzene	12.574	105	273148	7.583	ug/l	100
78) n-propylbenzene	12.916	91	836795	22.086	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	1098045	38.476	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	4739589	170.215	ug/l	99
85) sec-Butylbenzene	13.498	105	162781	4.814	ug/l	86
86) p-Isopropyltoluene	13.610	119	112768	4.182	ug/l	99
89) n-Butylbenzene	13.939	91	206098	10.306	ug/l #	81
95) Naphthalene	15.498	128	663149	35.281	ug/l	100

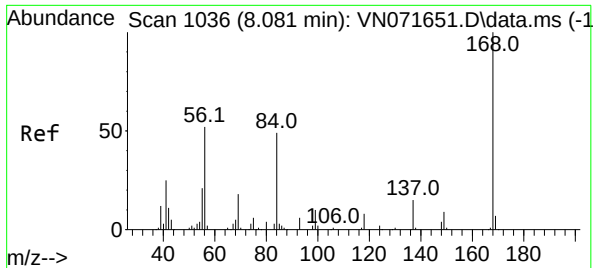
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 23 03:23:02 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

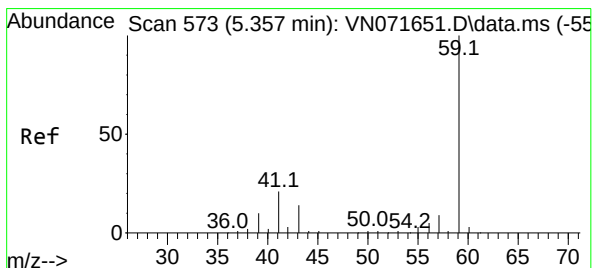
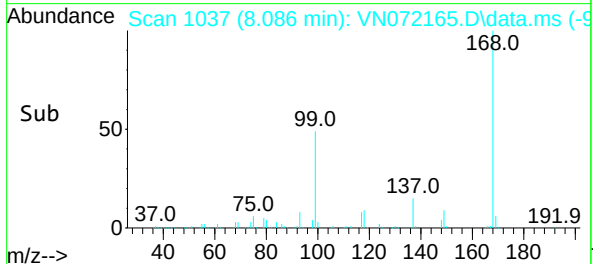
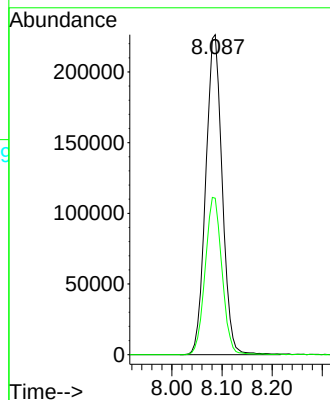
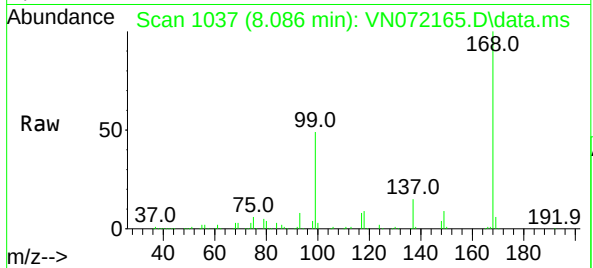




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN072165.D
Acq: 22 Apr 2022 18:35

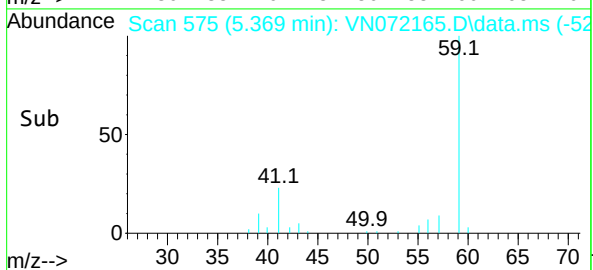
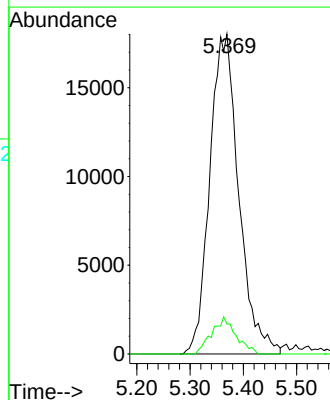
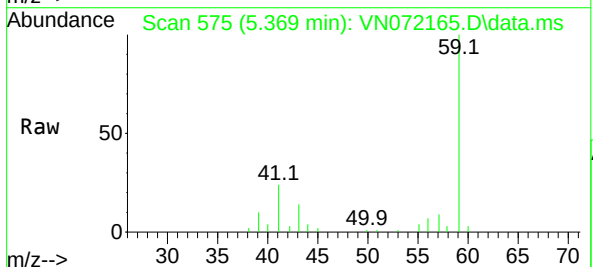
Instrument :
MSVOA_N
ClientSampleId :
NWB-1756

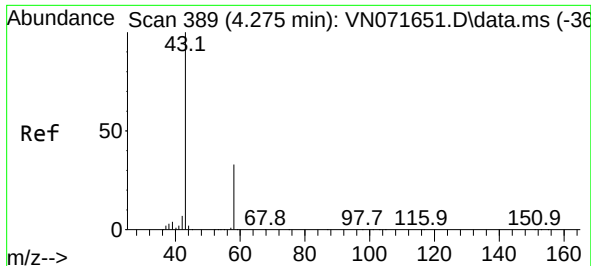
Tgt Ion:168 Resp: 516788
Ion Ratio Lower Upper
168 100
99 48.9 42.3 63.5



#11
Tert butyl alcohol
Concen: 71.101 ug/l
RT: 5.369 min Scan# 575
Delta R.T. 0.012 min
Lab File: VN072165.D
Acq: 22 Apr 2022 18:35

Tgt Ion: 59 Resp: 68074
Ion Ratio Lower Upper
59 100
57 9.6 8.3 12.5

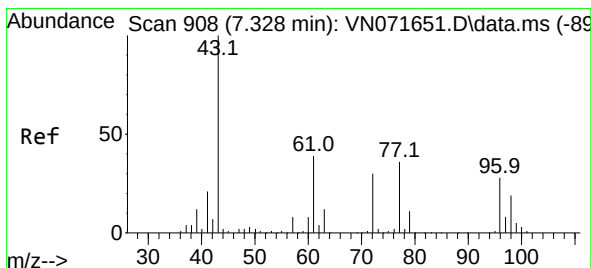
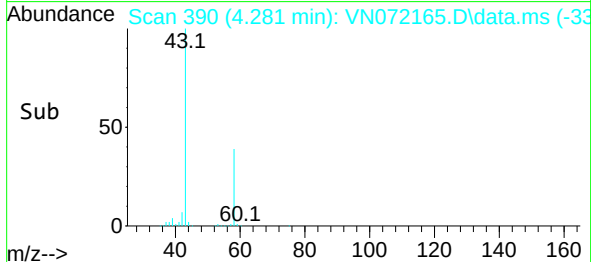
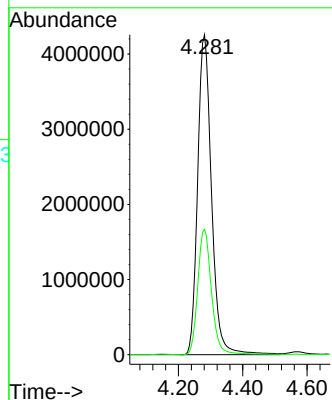
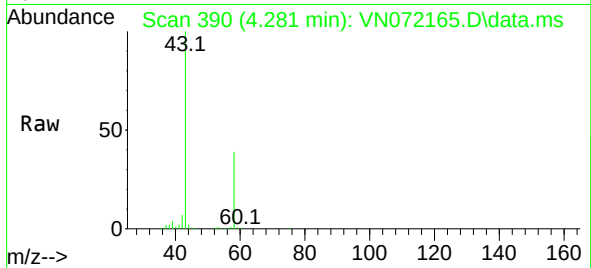




#16
Acetone
Concen: 5051.946 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN072165.D
Acq: 22 Apr 2022 18:35

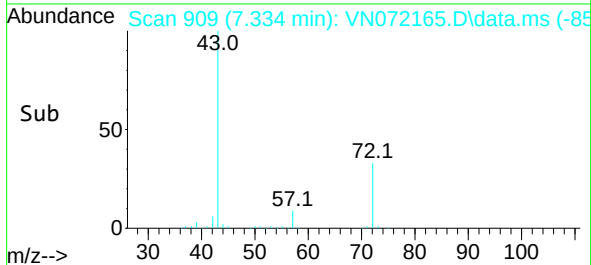
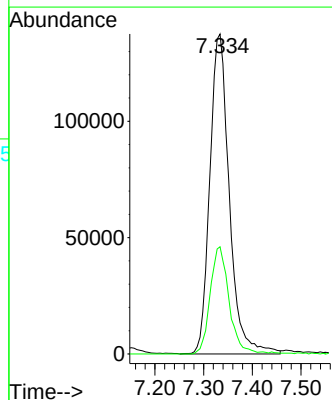
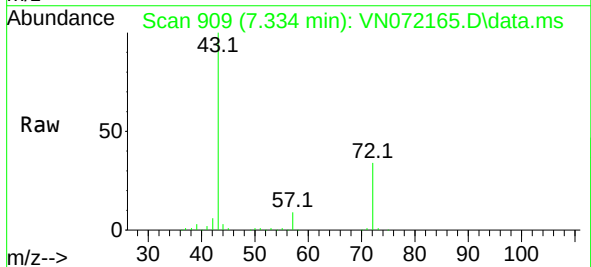
Instrument :
MSVOA_N
ClientSampleId :
NWB-1756

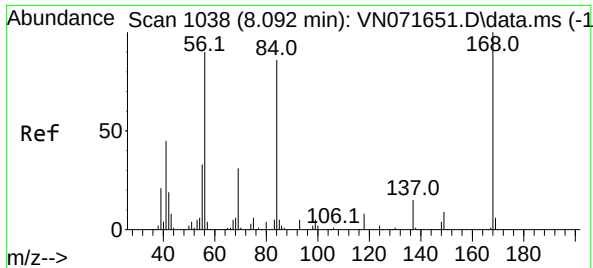
Tgt Ion: 43 Resp:12737651
Ion Ratio Lower Upper
43 100
58 39.2 26.0 39.0#



#25
2-Butanone
Concen: 104.949 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN072165.D
Acq: 22 Apr 2022 18:35

Tgt Ion: 43 Resp: 381470
Ion Ratio Lower Upper
43 100
72 33.5 23.7 35.5

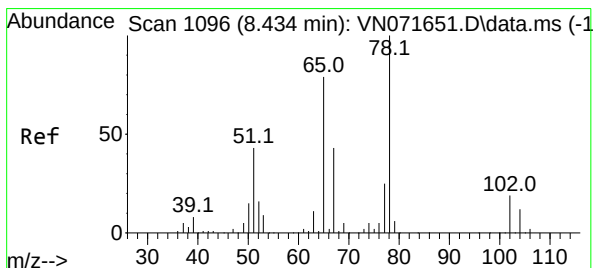
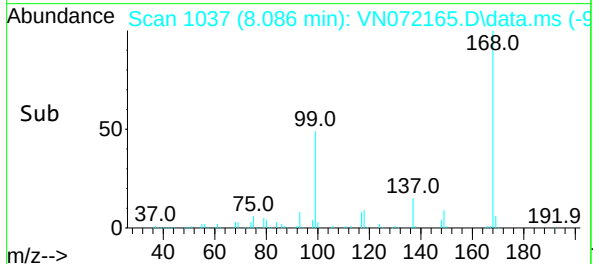
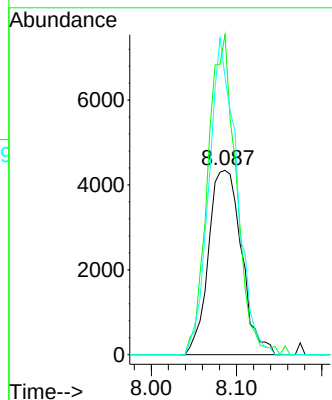
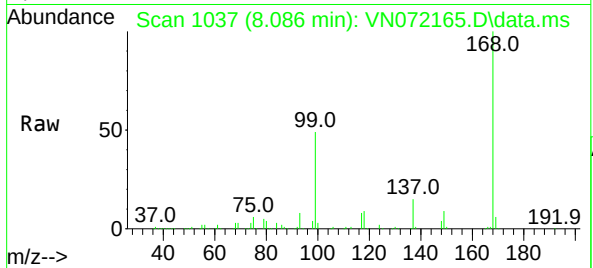




#31
Cyclohexane
Concen: 1.458 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072165.D
Acq: 22 Apr 2022 18:35

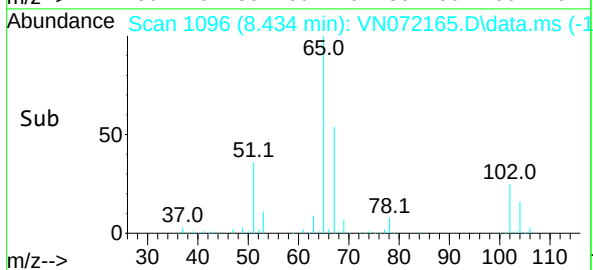
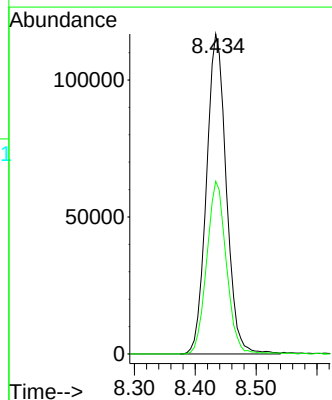
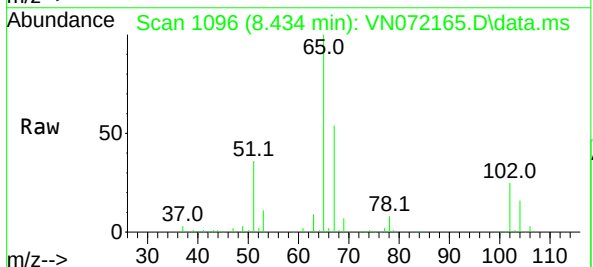
Instrument :
MSVOA_N
ClientSampleId :
NWB-1756

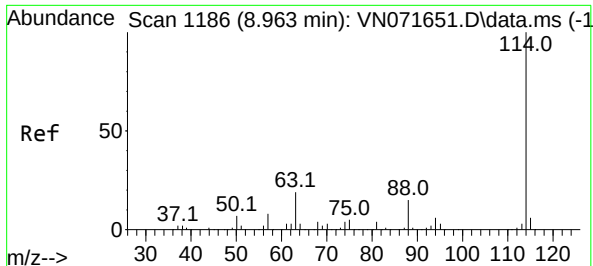
Tgt Ion: 56 Resp: 11701
Ion Ratio Lower Upper
56 100
69 173.6 27.8 41.8#
84 150.8 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 44.727 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072165.D
Acq: 22 Apr 2022 18:35

Tgt Ion: 65 Resp: 263877
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: VN072165.D

Acq: 22 Apr 2022 18:35

Instrument :

MSVOA_N

ClientSampleId :

NWB-1756

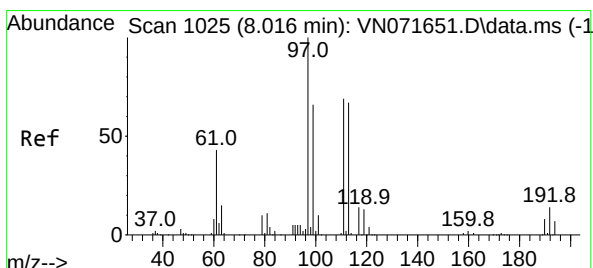
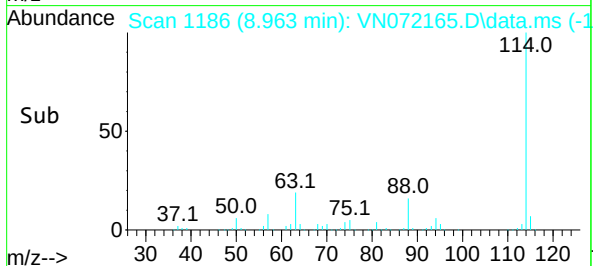
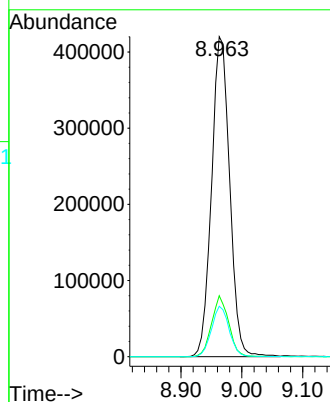
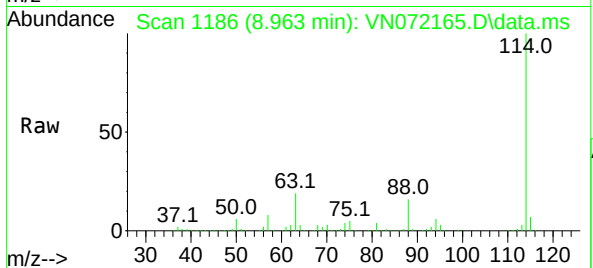
Tgt Ion:114 Resp: 868514

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.444 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072165.D

Acq: 22 Apr 2022 18:35

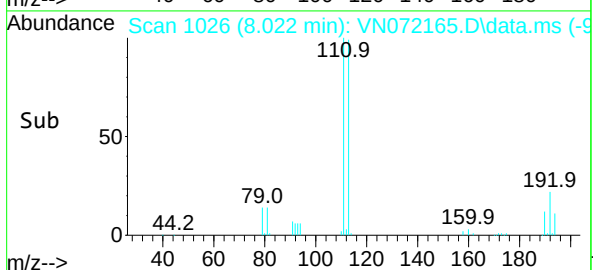
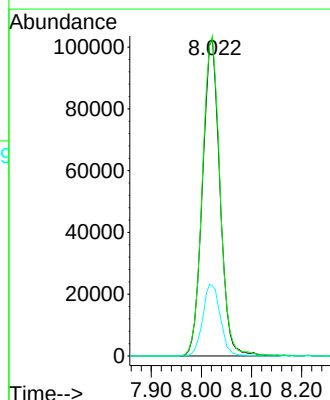
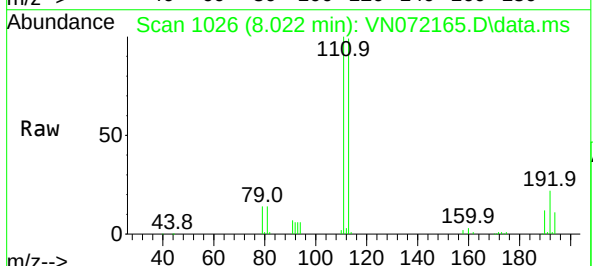
Tgt Ion:113 Resp: 247585

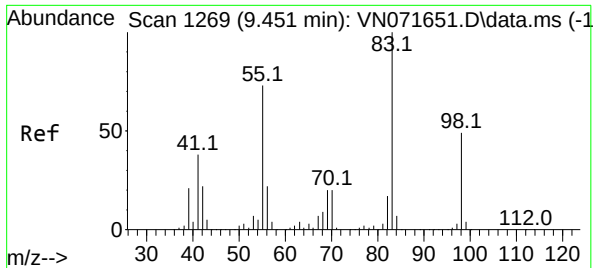
Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 22.8 17.0 25.6

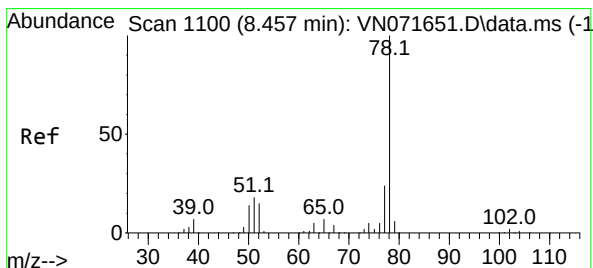
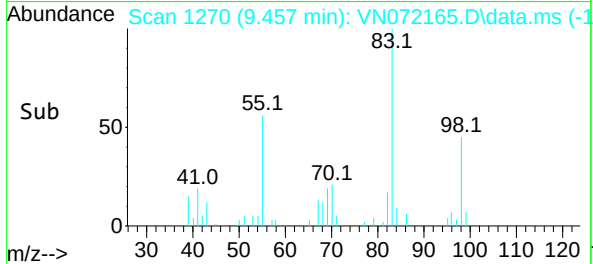
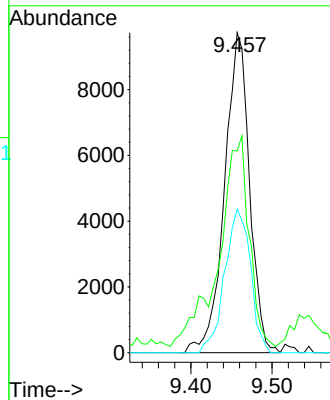
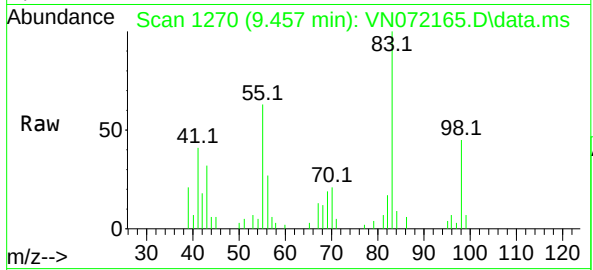




#39
Methylcyclohexane
Concen: 2.447 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN072165.D
Acq: 22 Apr 2022 18:35

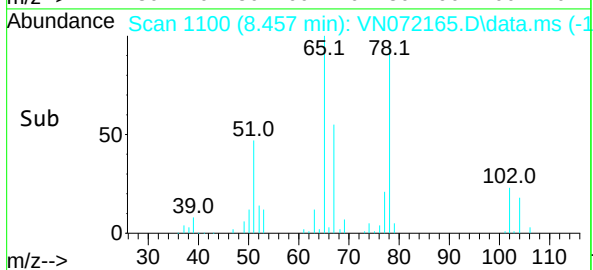
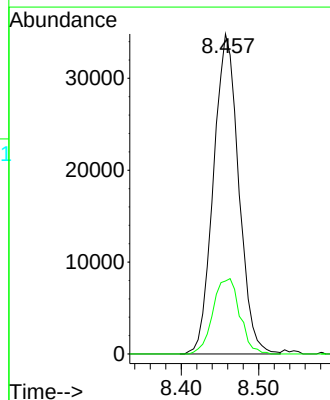
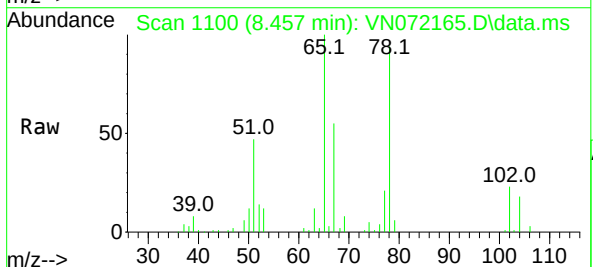
Instrument :
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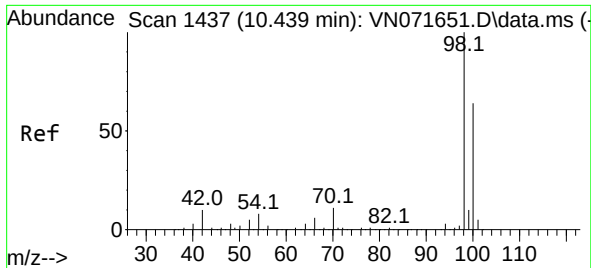
Tgt Ion: 83 Resp: 20786
Ion Ratio Lower Upper
83 100
55 60.0 57.8 86.8
98 44.9 39.4 59.2



#40
Benzene
Concen: 3.500 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072165.D
Acq: 22 Apr 2022 18:35

Tgt Ion: 78 Resp: 78905
Ion Ratio Lower Upper
78 100
77 22.8 19.4 29.0

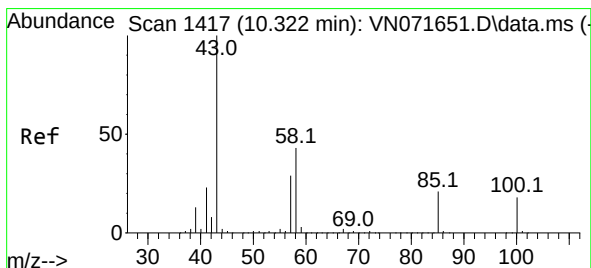
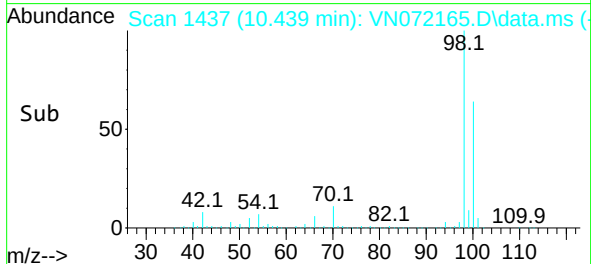
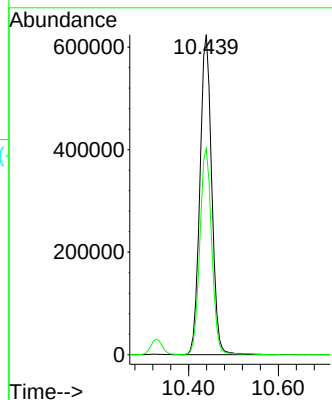
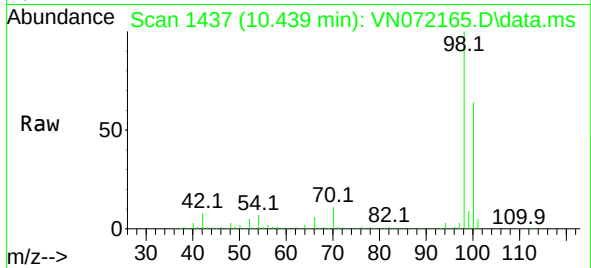




#50
Toluene-d8
Concen: 54.311 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072165.D
Acq: 22 Apr 2022 18:35

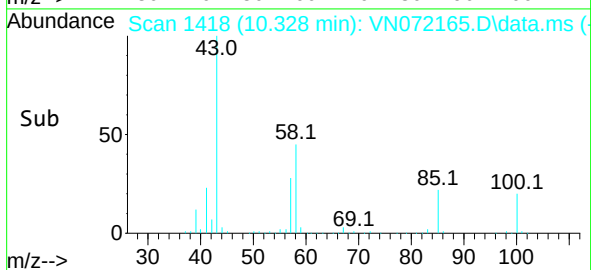
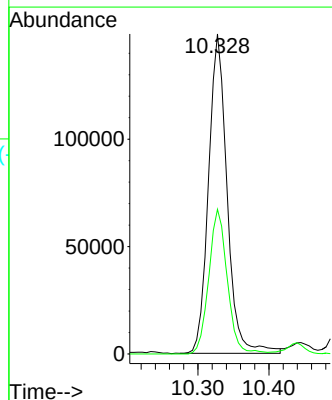
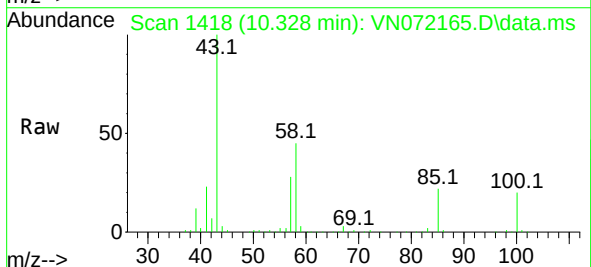
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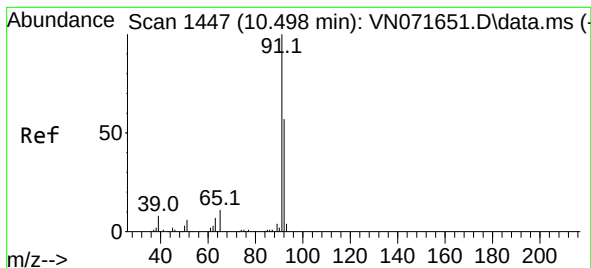
Tgt Ion: 98 Resp: 1135466
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 36.227 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN072165.D
Acq: 22 Apr 2022 18:35

Tgt Ion: 43 Resp: 270625
Ion Ratio Lower Upper
43 100
58 45.0 34.1 51.1





#52

Toluene

Concen: 168.005 ug/l

RT: 10.504 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN072165.D

Acq: 22 Apr 2022 18:35

Instrument :

MSVOA_N

ClientSampleId :

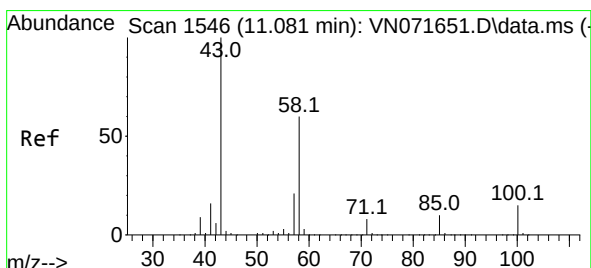
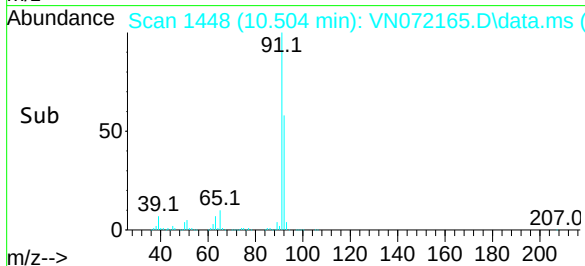
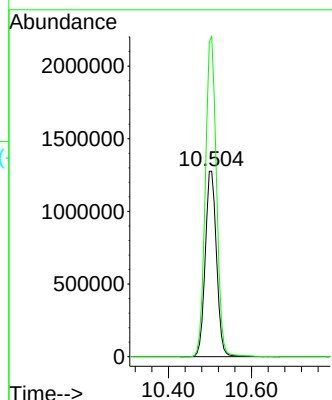
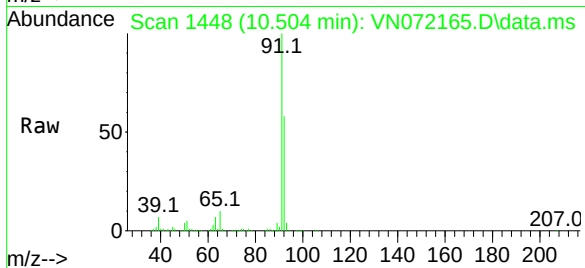
NWB-1756

Tgt Ion: 92 Resp: 2394309

Ion Ratio Lower Upper

92 100

91 170.9 138.6 207.8



#59

2-Hexanone

Concen: 11.653 ug/l

RT: 11.080 min Scan# 1546

Delta R.T. -0.001 min

Lab File: VN072165.D

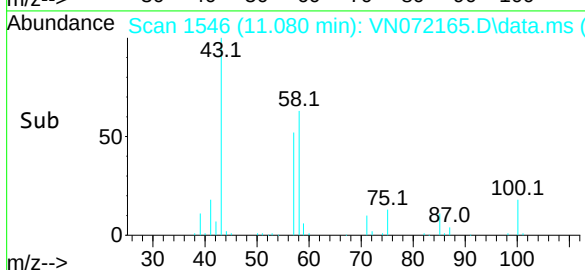
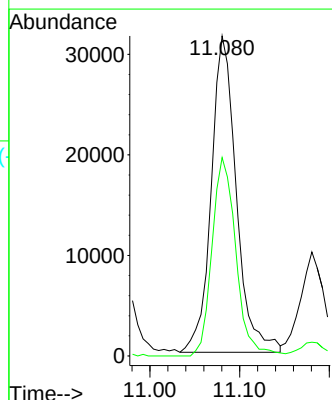
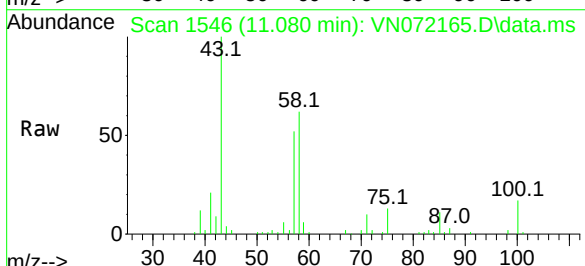
Acq: 22 Apr 2022 18:35

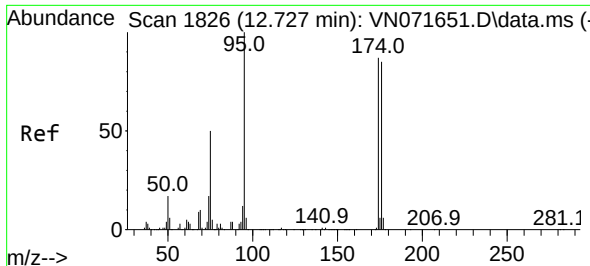
Tgt Ion: 43 Resp: 61291

Ion Ratio Lower Upper

43 100

58 59.4 29.7 89.1

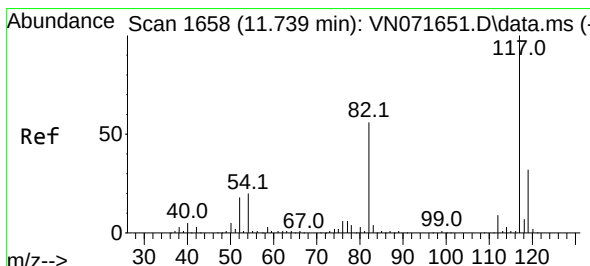
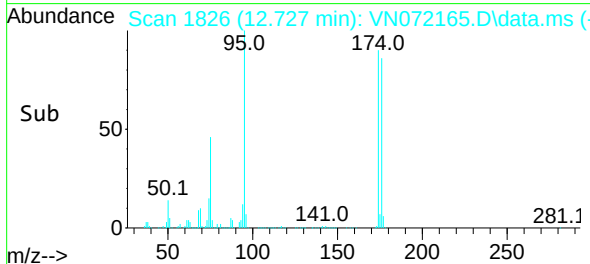
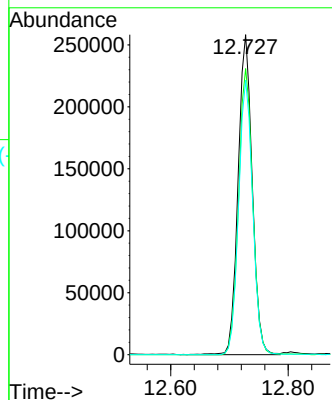
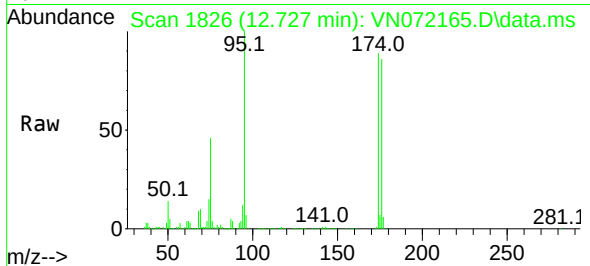




#62
4-Bromofluorobenzene
Concen: 63.788 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072165.D
Acq: 22 Apr 2022 18:35

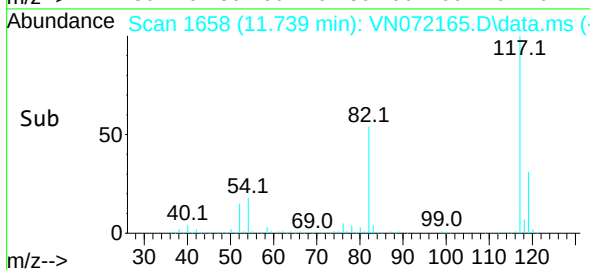
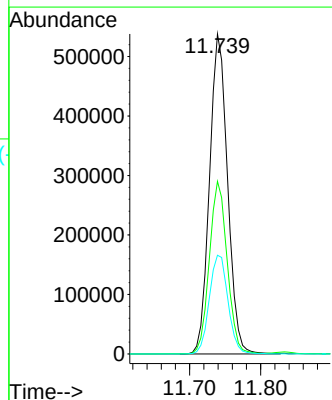
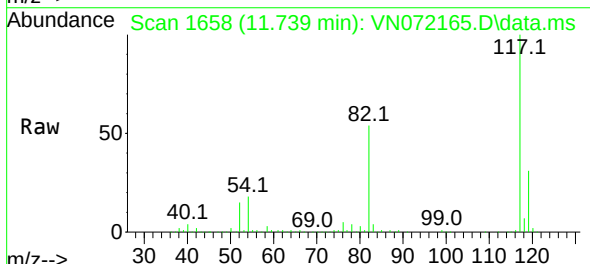
Instrument :
MSVOA_N
ClientSampleId :
NWB-1756

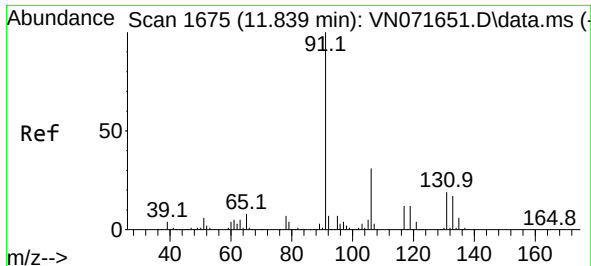
Tgt Ion: 95 Resp: 431304
Ion Ratio Lower Upper
95 100
174 89.6 0.0 167.6
176 85.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072165.D
Acq: 22 Apr 2022 18:35

Tgt Ion: 117 Resp: 949499
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.2
119 30.9 25.4 38.0





#67

Ethyl Benzene

Concen: 58.786 ug/l

RT: 11.839 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072165.D

Acq: 22 Apr 2022 18:35

Instrument :

MSVOA_N

ClientSampleId :

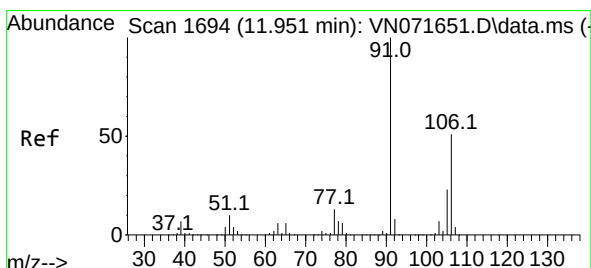
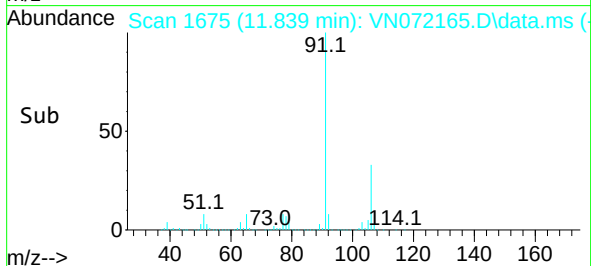
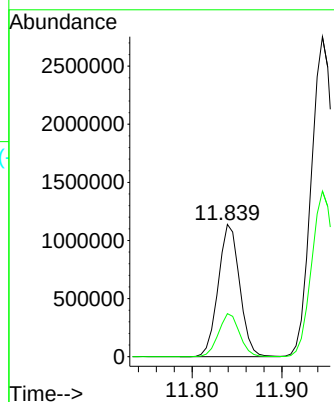
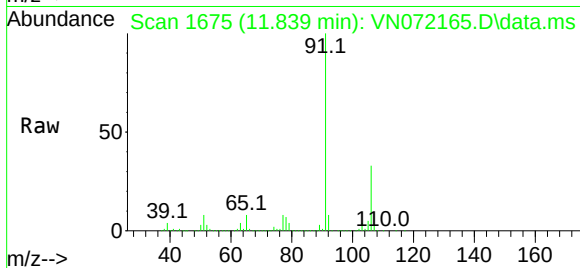
NWB-1756

Tgt Ion: 91 Resp: 1892053

Ion Ratio Lower Upper

91 100

106 32.5 24.9 37.3



#68

m/p-Xylenes

Concen: 210.844 ug/l

RT: 11.945 min Scan# 1693

Delta R.T. -0.006 min

Lab File: VN072165.D

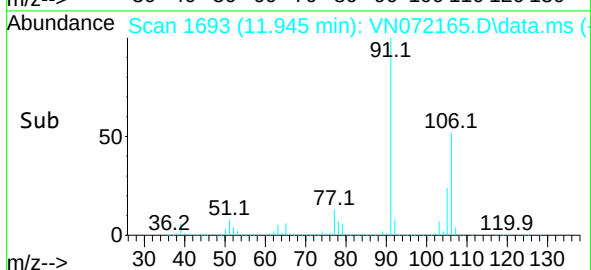
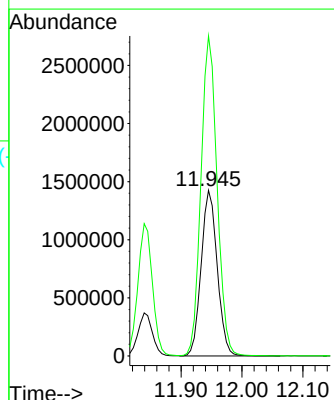
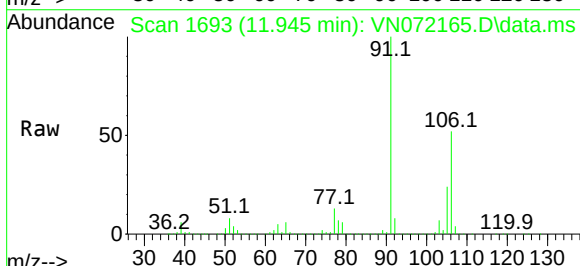
Acq: 22 Apr 2022 18:35

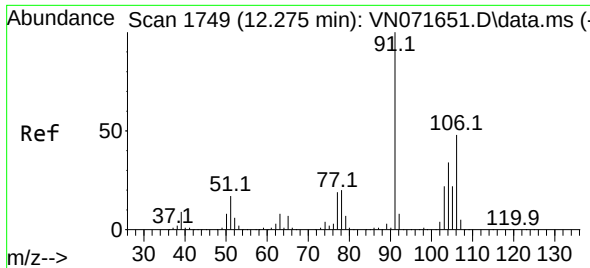
Tgt Ion: 106 Resp: 2607382

Ion Ratio Lower Upper

106 100

91 194.3 158.9 238.3

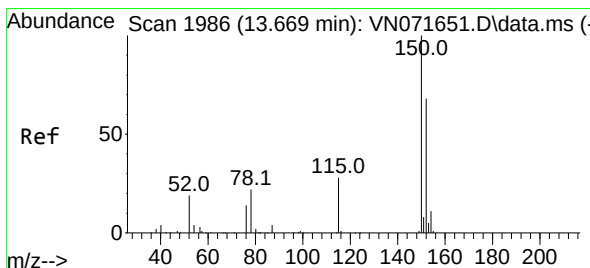
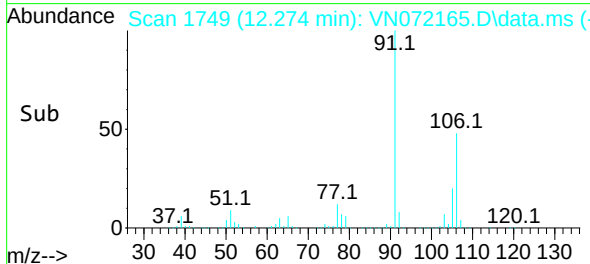
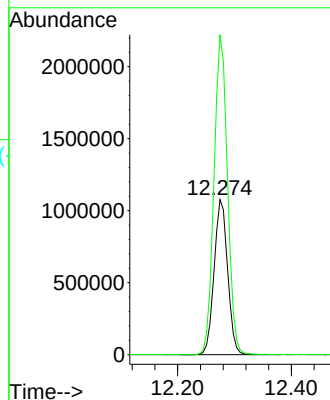
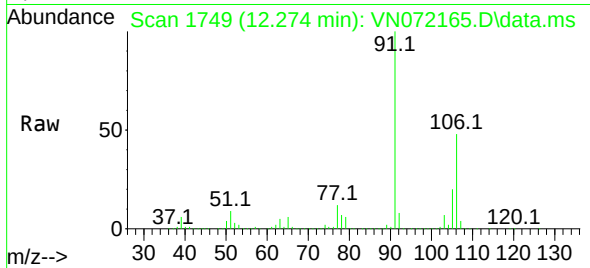




#69
o-Xylene
Concen: 144.350 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072165.D
Acq: 22 Apr 2022 18:35

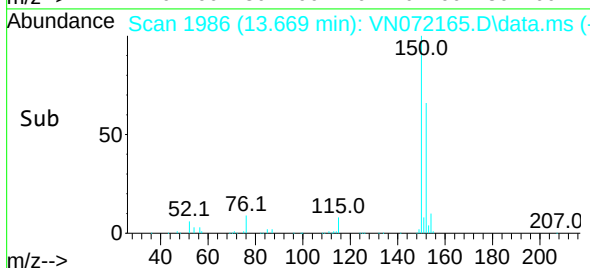
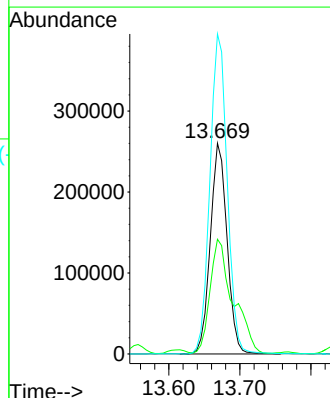
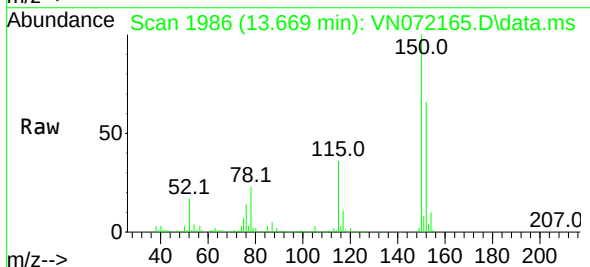
Instrument :
MSVOA_N
ClientSampleId :
NWB-1756

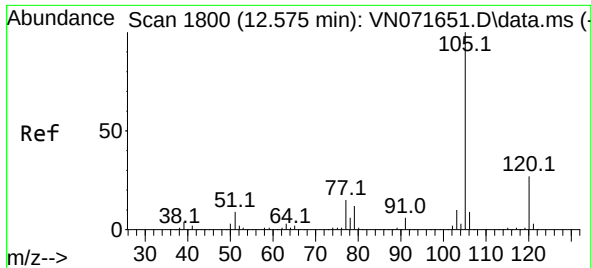
Tgt Ion:106 Resp: 1771814
Ion Ratio Lower Upper
106 100
91 206.3 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072165.D
Acq: 22 Apr 2022 18:35

Tgt Ion:152 Resp: 427437
Ion Ratio Lower Upper
152 100
115 73.7 28.9 86.7
150 156.4 0.0 356.2

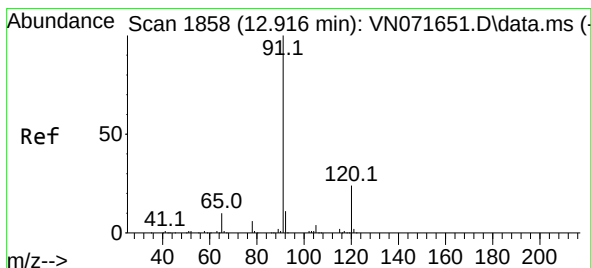
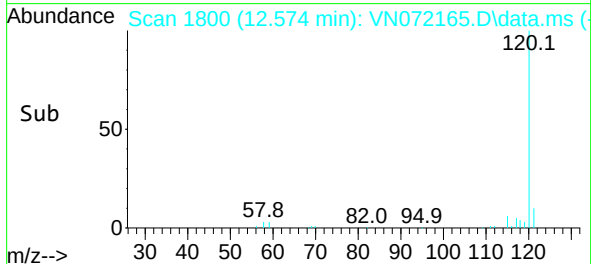
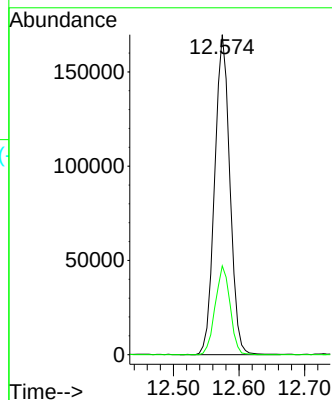
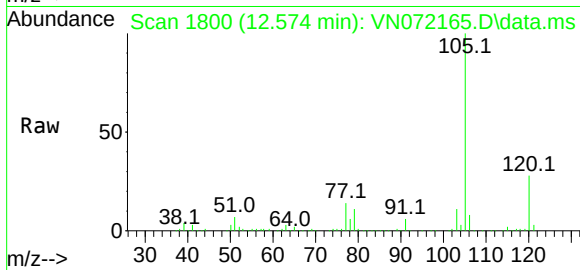




#73
Isopropylbenzene
Concen: 7.583 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072165.D
Acq: 22 Apr 2022 18:35

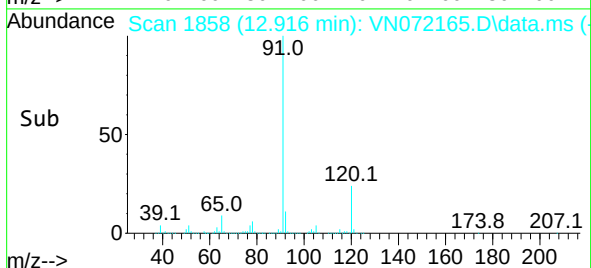
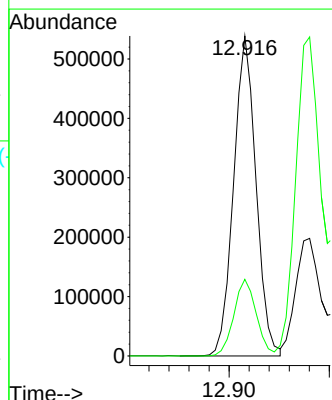
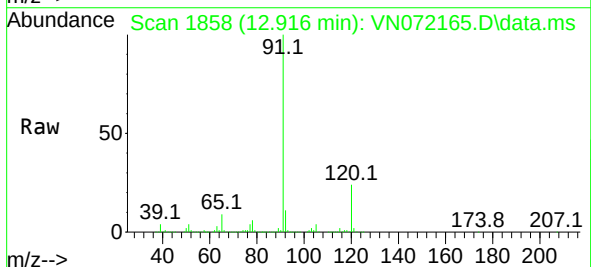
Instrument :
MSVOA_N
ClientSampleId :
NWB-1756

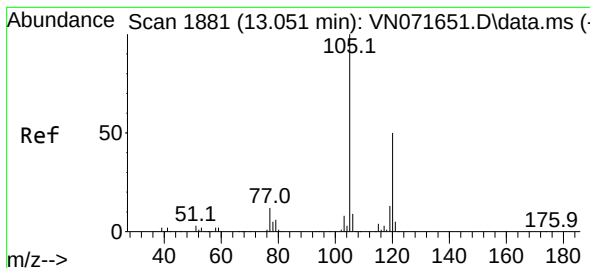
Tgt Ion:105 Resp: 273148
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4



#78
n-propylbenzene
Concen: 22.086 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072165.D
Acq: 22 Apr 2022 18:35

Tgt Ion: 91 Resp: 836795
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 38.476 ug/l

RT: 13.057 min Scan# 1881

Delta R.T. 0.006 min

Lab File: VN072165.D

Acq: 22 Apr 2022 18:35

Instrument :

MSVOA_N

ClientSampleId :

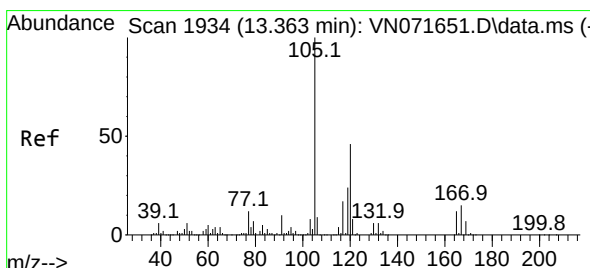
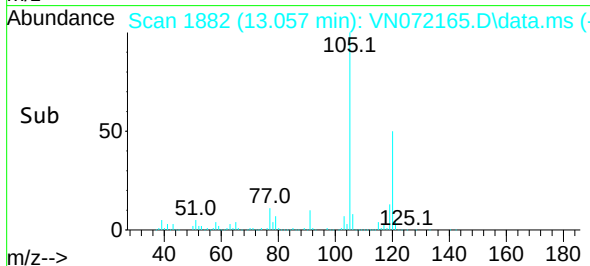
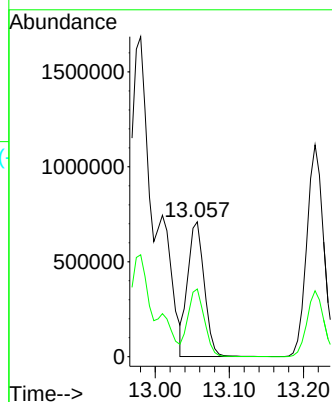
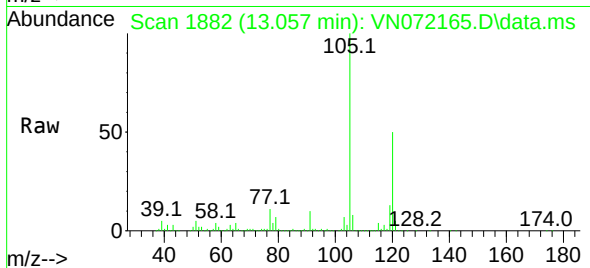
NWB-1756

Tgt Ion:105 Resp: 1098045

Ion Ratio Lower Upper

105 100

120 50.5 24.9 74.7



#84

1,2,4-Trimethylbenzene

Concen: 170.215 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. -0.000 min

Lab File: VN072165.D

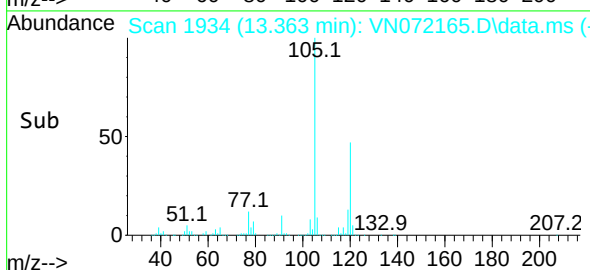
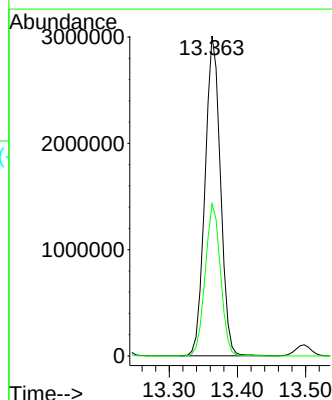
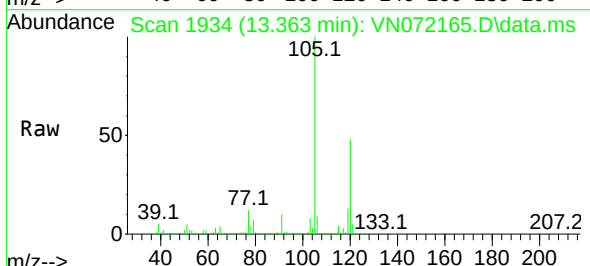
Acq: 22 Apr 2022 18:35

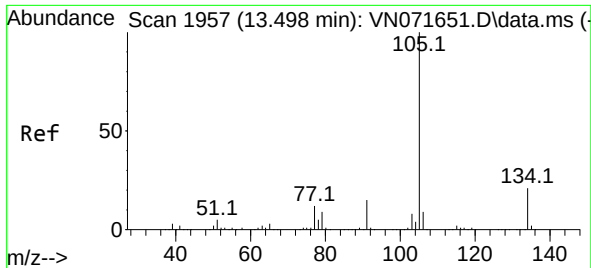
Tgt Ion:105 Resp: 4739589

Ion Ratio Lower Upper

105 100

120 47.2 23.3 69.8

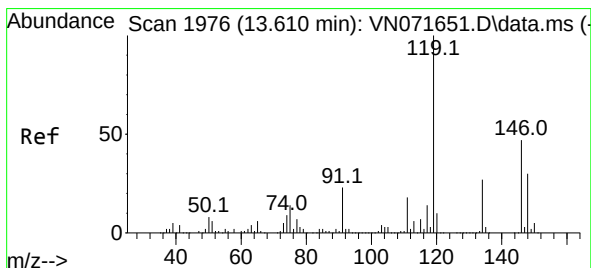
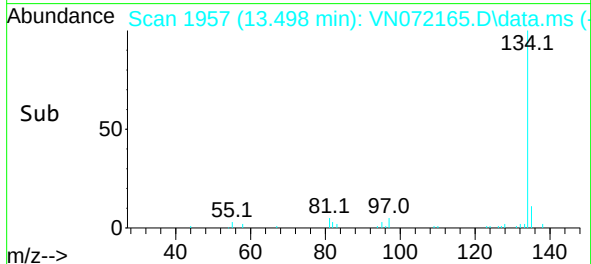
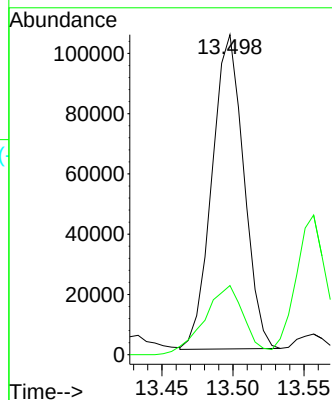
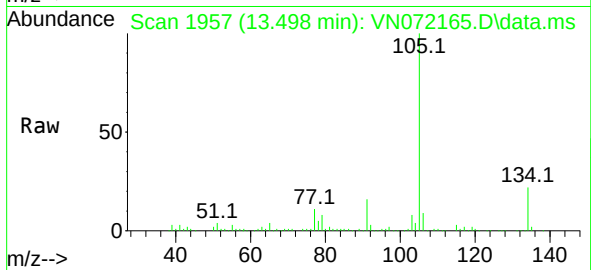




#85
 sec-Butylbenzene
 Concen: 4.814 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072165.D
 Acq: 22 Apr 2022 18:35

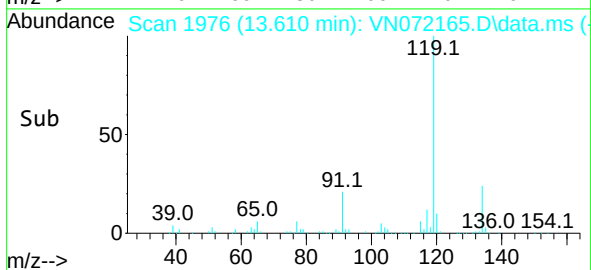
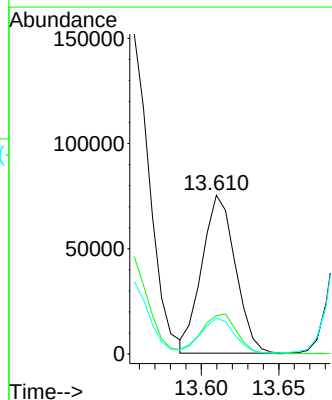
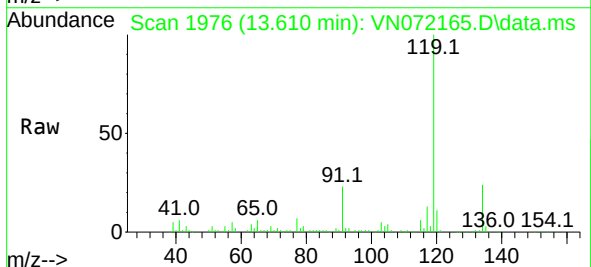
Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-1756

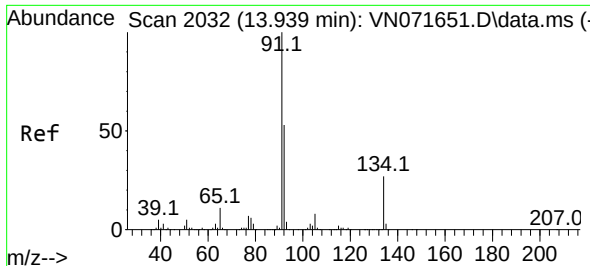
Tgt Ion:105 Resp: 162781
 Ion Ratio Lower Upper
 105 100
 134 27.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 4.182 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072165.D
 Acq: 22 Apr 2022 18:35

Tgt Ion:119 Resp: 112768
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 22.0 11.3 33.9

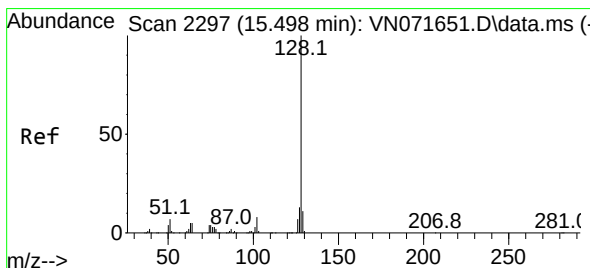
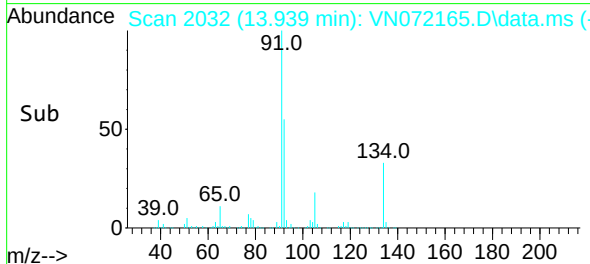
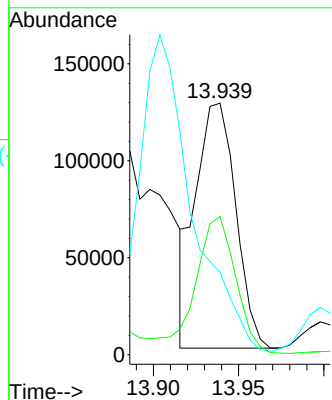
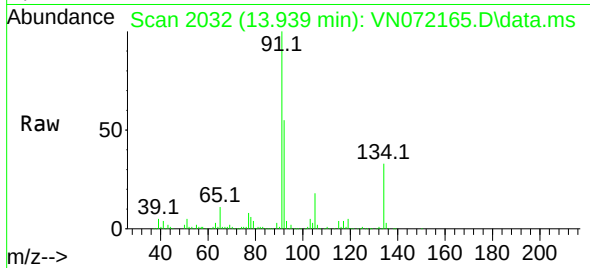




#89
n-Butylbenzene
Concen: 10.306 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072165.D
Acq: 22 Apr 2022 18:35

Instrument :
MSVOA_N
ClientSampleId :
NWB-1756

Tgt Ion: 91 Resp: 206098
Ion Ratio Lower Upper
91 100
92 55.8 26.9 80.7
134 0.0 13.6 40.8#



#95
Naphthalene
Concen: 35.281 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072165.D
Acq: 22 Apr 2022 18:35

Tgt Ion:128 Resp: 663149
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.6 13.0

