

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072867.D
 Acq On : 15 Jun 2022 06:21
 Operator : JC\MD
 Sample : N3334-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-11

Quant Time: Jun 15 07:52:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 15 04:13:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

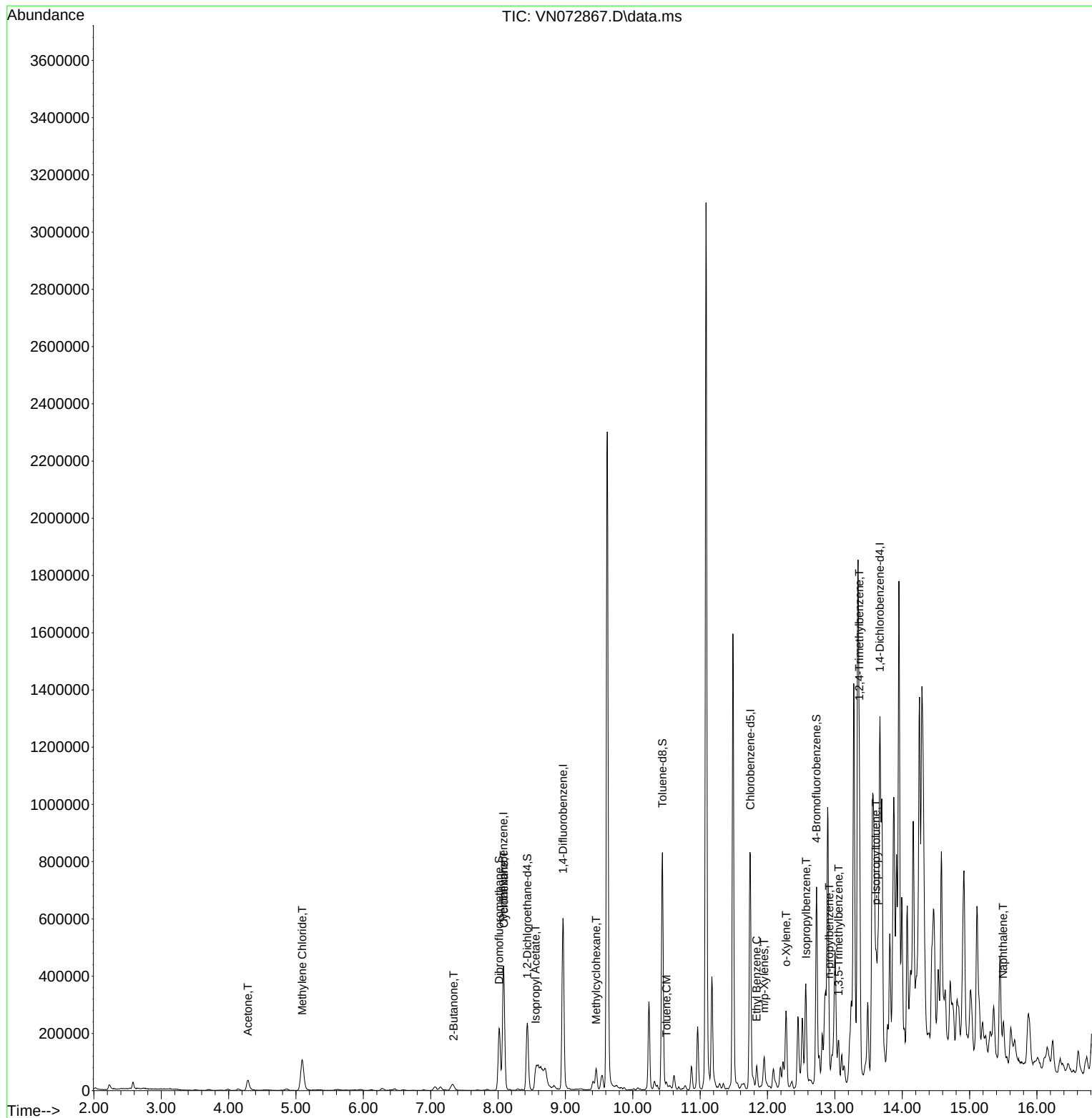
Internal Standards						
1) Pentafluorobenzene	8.081	168	299937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	514733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	477014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	208989	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	201725	43.425	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.860%		
35) Dibromofluoromethane	8.016	113	159292	49.984	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.960%		
50) Toluene-d8	10.440	98	553712	44.027	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	88.060%		
62) 4-Bromofluorobenzene	12.728	95	240386	56.939	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	113.880%		
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	70568	27.181	ug/l	94
20) Methylene Chloride	5.093	84	83476	24.357	ug/l #	81
25) 2-Butanone	7.340	43	28728	6.983	ug/l #	85
31) Cyclohexane	8.087	56	20944	1.363	ug/l #	71
39) Methylcyclohexane	9.457	83	28889	5.979	ug/l	96
43) Isopropyl Acetate	8.557	43	86887	8.212	ug/l #	71
52) Toluene	10.498	92	9233	1.105	ug/l	87
67) Ethyl Benzene	11.839	91	52306	3.084	ug/l	97
68) m/p-Xylenes	11.951	106	30333	5.050	ug/l	89
69) o-Xylene	12.275	106	61609	9.691	ug/l	95
73) Isopropylbenzene	12.575	105	23551	1.226	ug/l	99
78) n-propylbenzene	12.916	91	30191	1.441	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	57618	3.775	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	176198	11.930	ug/l	97
86) p-Isopropyltoluene	13.610	119	18265	1.272	ug/l	96
95) Naphthalene	15.498	128	89712	6.825	ug/l #	93

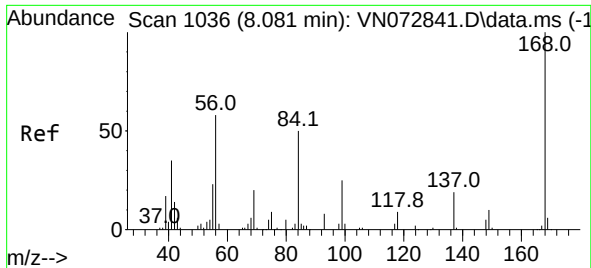
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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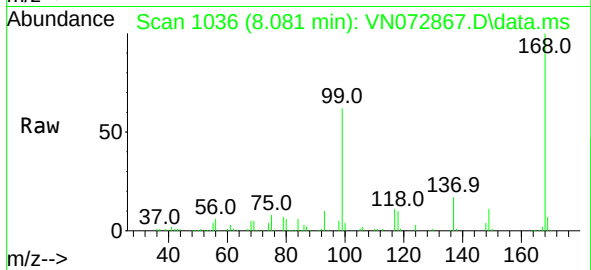
Quant Time: Jun 15 07:52:36 2022
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Quant Title : SW846 8260
QLast Update : Wed Jun 15 04:13:32 2022
Response via : Initial Calibration



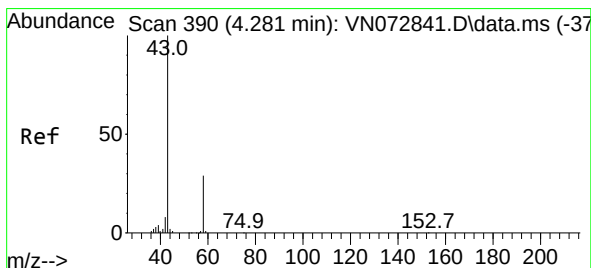
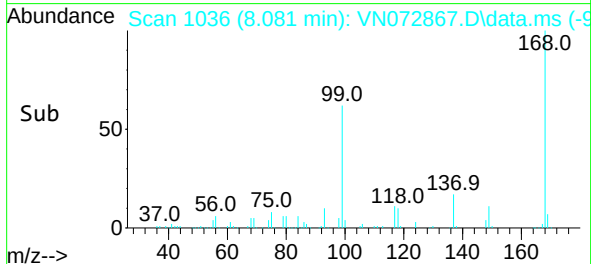
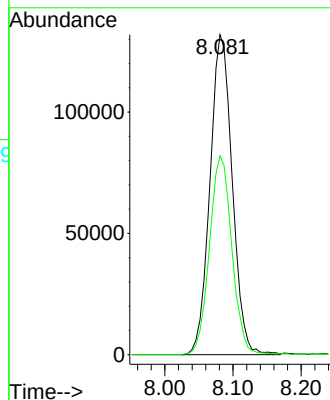


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072867.D
Acq: 15 Jun 2022 06:21

Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-11

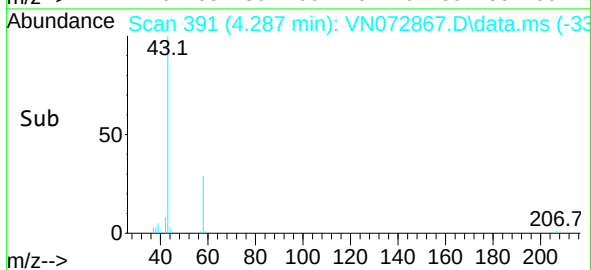
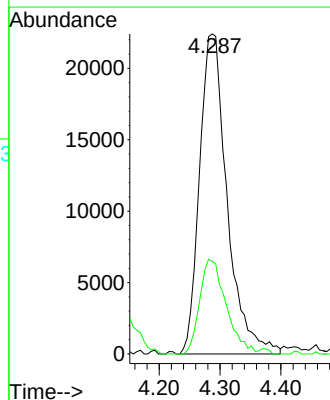
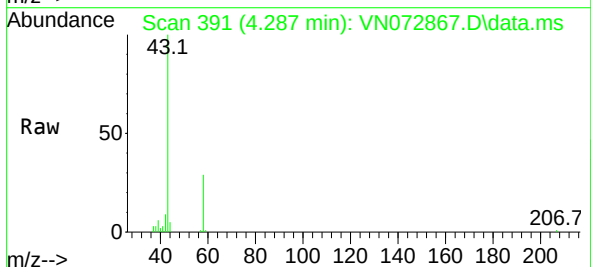


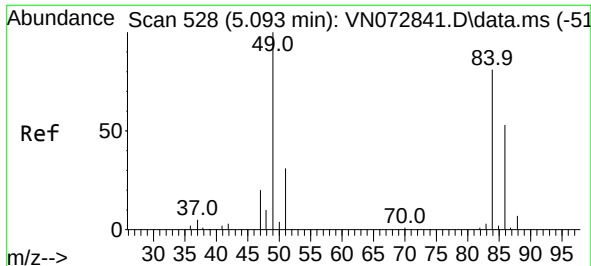
Tgt Ion:168 Resp: 299937
Ion Ratio Lower Upper
168 100
99 62.1 42.3 63.5



#16
Acetone
Concen: 27.181 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072867.D
Acq: 15 Jun 2022 06:21

Tgt Ion: 43 Resp: 70568
Ion Ratio Lower Upper
43 100
58 29.0 26.0 39.0

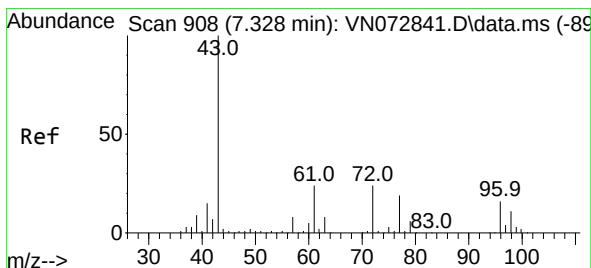
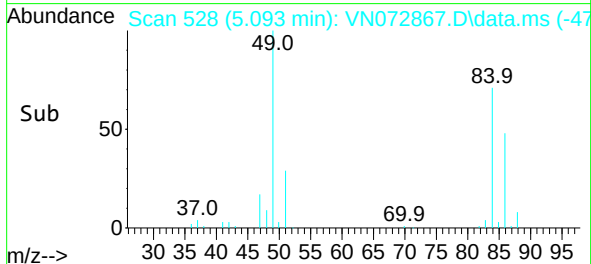
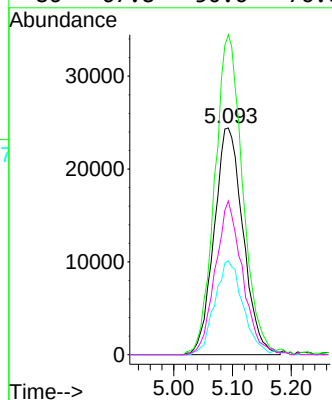
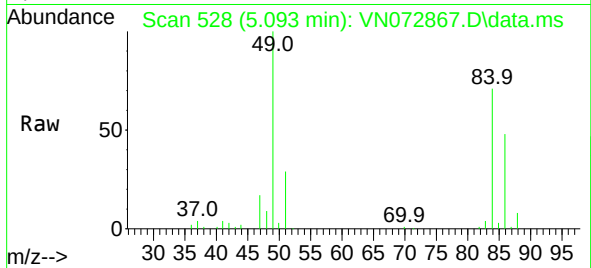




#20
Methylene Chloride
Concen: 24.357 ug/l
RT: 5.093 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072867.D
Acq: 15 Jun 2022 06:21

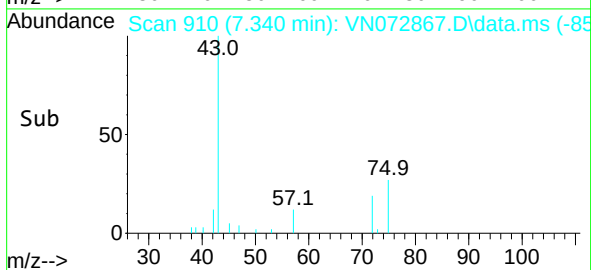
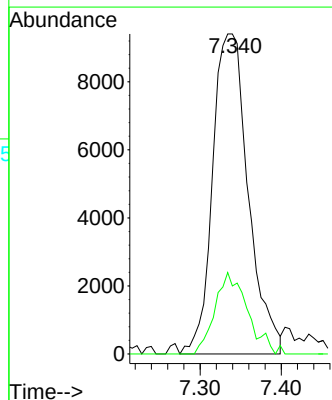
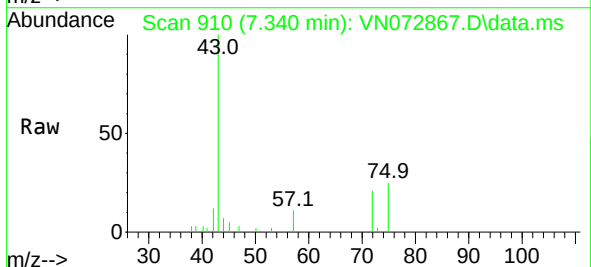
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-11

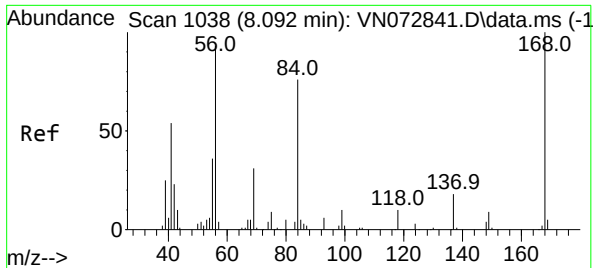
Tgt Ion:	84	Resp:	83476
Ion	Ratio	Lower	Upper
84	100		
49	141.1	88.3	132.5#
51	41.4	28.2	42.2
86	67.8	50.6	76.0



#25
2-Butanone
Concen: 6.983 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN072867.D
Acq: 15 Jun 2022 06:21

Tgt Ion:	43	Resp:	28728
Ion	Ratio	Lower	Upper
43	100		
72	21.3	23.7	35.5#

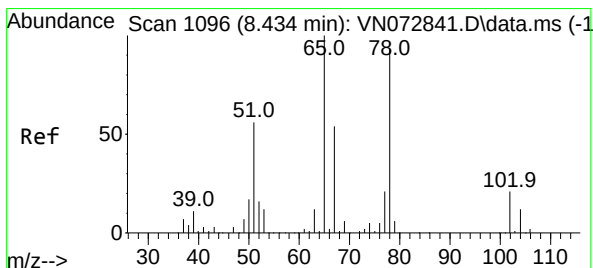
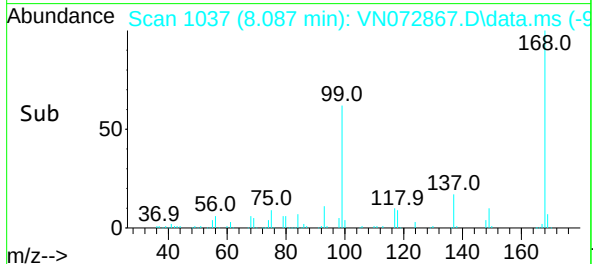
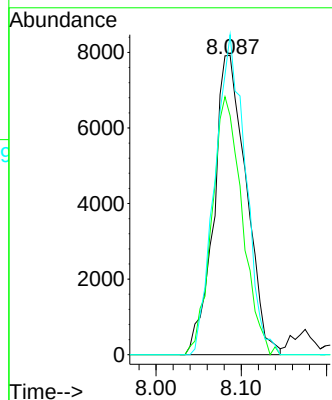
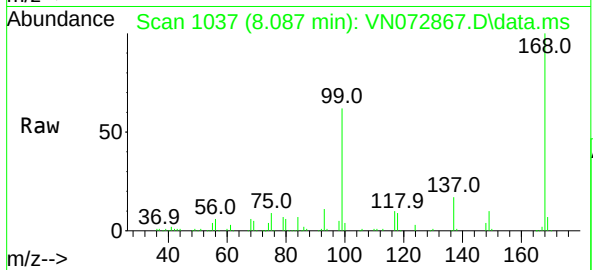




#31
Cyclohexane
Concen: 1.363 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.005 min
Lab File: VN072867.D
Acq: 15 Jun 2022 06:21

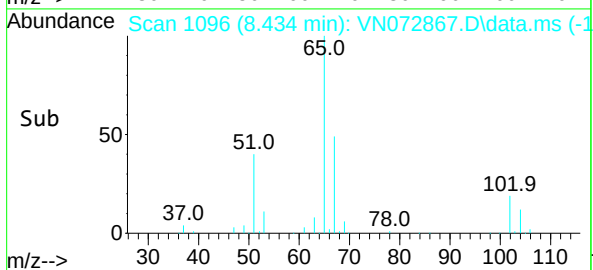
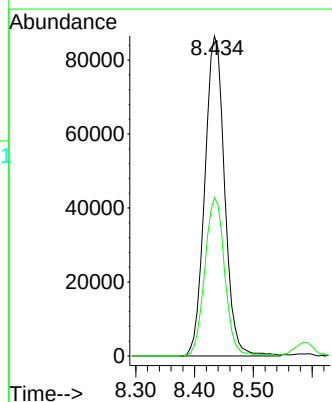
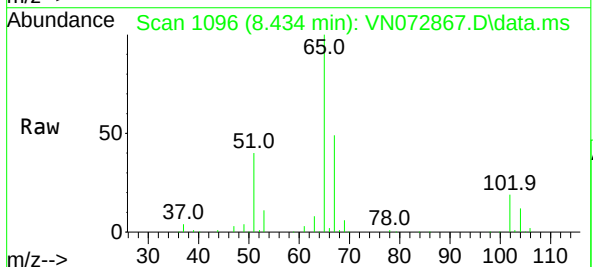
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-11

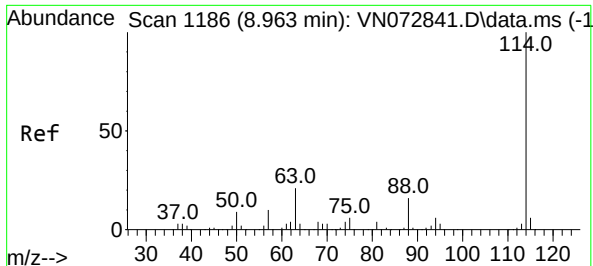
Tgt Ion: 56 Resp: 20944
Ion Ratio Lower Upper
56 100
69 79.9 27.8 41.8#
84 106.9 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 43.425 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072867.D
Acq: 15 Jun 2022 06:21

Tgt Ion: 65 Resp: 201725
Ion Ratio Lower Upper
65 100
67 49.8 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: VN072867.D

Acq: 15 Jun 2022 06:21

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-11

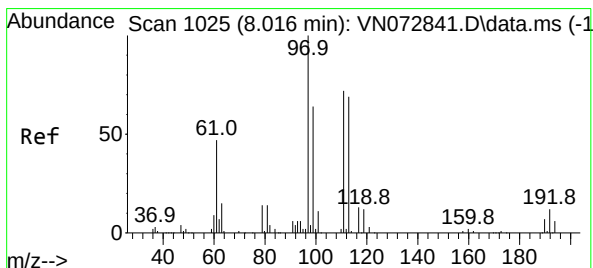
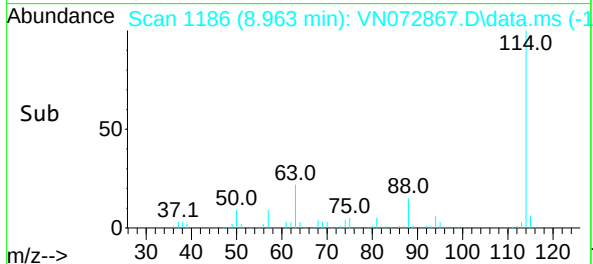
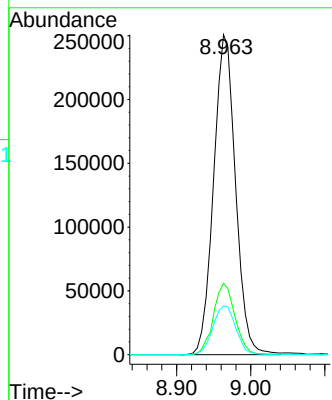
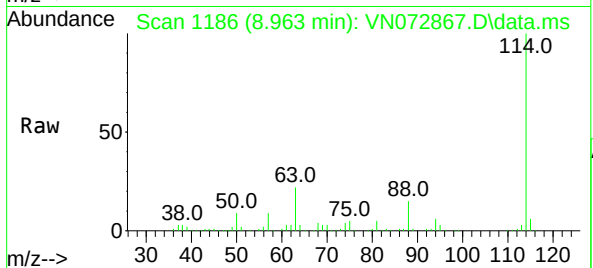
Tgt Ion:114 Resp: 514733

Ion Ratio Lower Upper

114 100

63 22.3 0.0 40.0

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.984 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.000 min

Lab File: VN072867.D

Acq: 15 Jun 2022 06:21

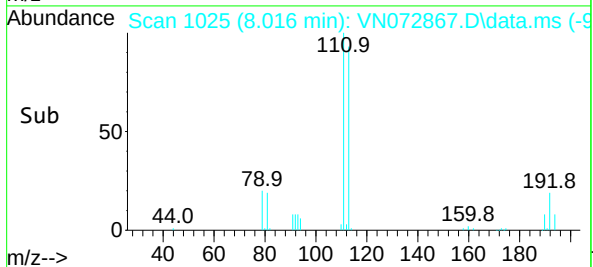
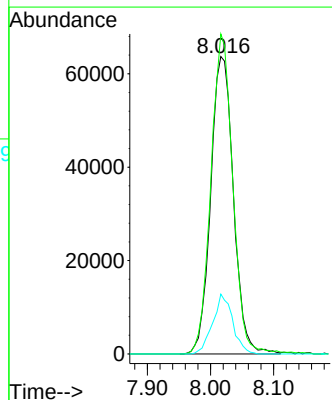
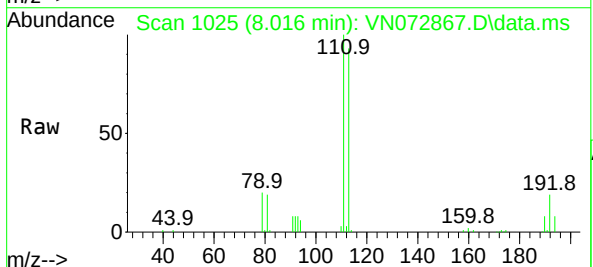
Tgt Ion:113 Resp: 159292

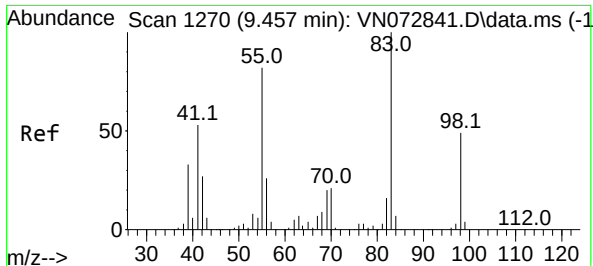
Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 17.7 17.0 25.6





#39

Methylcyclohexane

Concen: 5.979 ug/l

RT: 9.457 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VN072867.D

Acq: 15 Jun 2022 06:21

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MSVOA_N

ClientSampleId :

WC-14A-1A-11

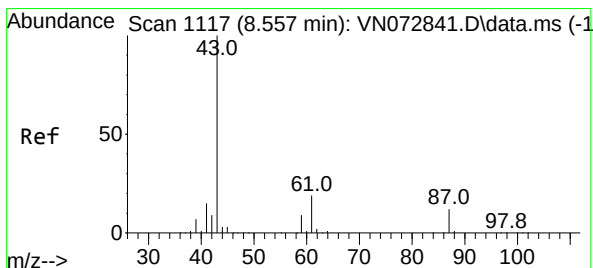
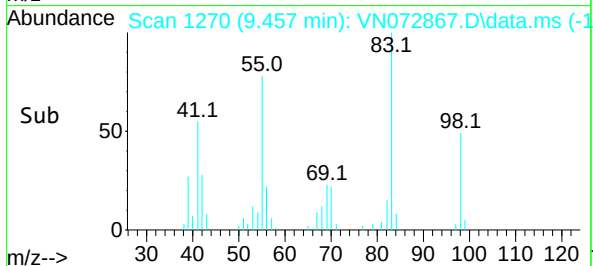
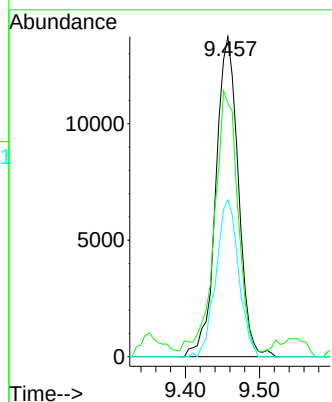
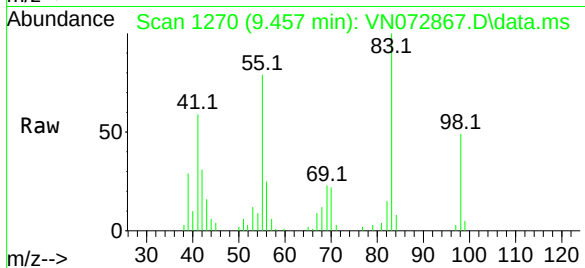
Tgt Ion: 83 Resp: 28889

Ion Ratio Lower Upper

83 100

55 77.4 57.8 86.8

98 49.0 39.4 59.2



#43

Isopropyl Acetate

Concen: 8.212 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VN072867.D

Acq: 15 Jun 2022 06:21

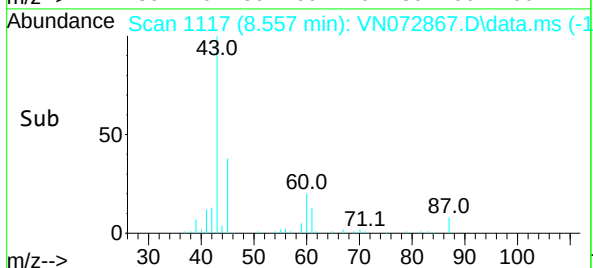
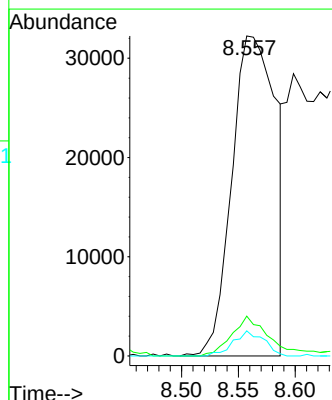
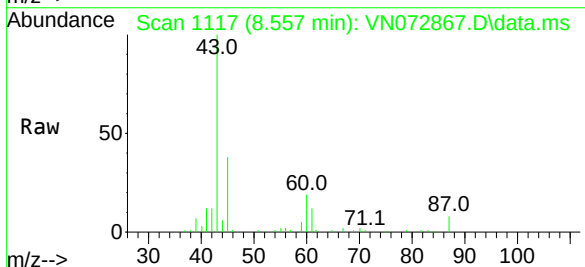
Tgt Ion: 43 Resp: 86887

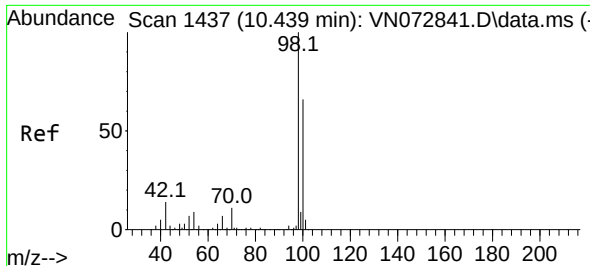
Ion Ratio Lower Upper

43 100

61 10.8 21.9 32.9#

87 5.4 12.0 18.0#

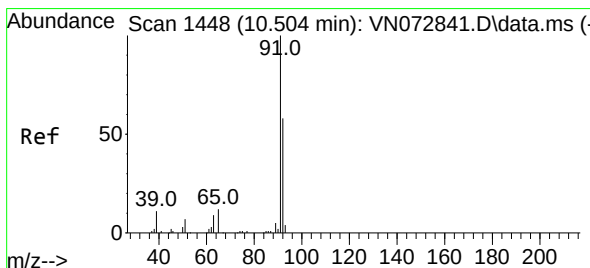
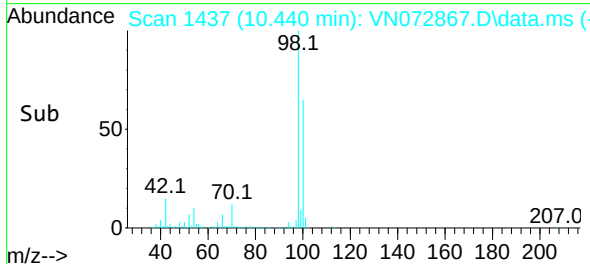
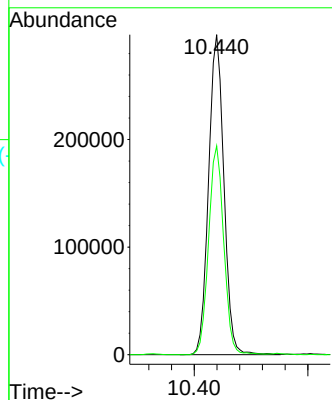
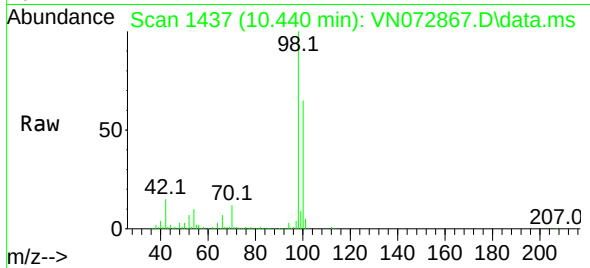




#50
Toluene-d8
Concen: 44.027 ug/l
RT: 10.440 min Scan# 1437
Delta R.T. 0.001 min
Lab File: VN072867.D
Acq: 15 Jun 2022 06:21

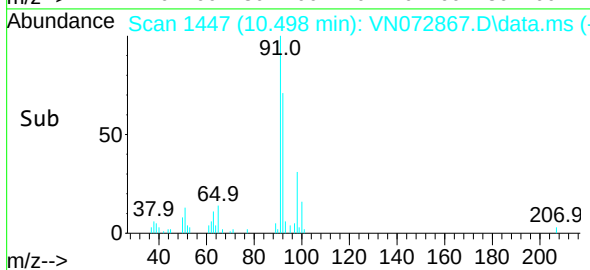
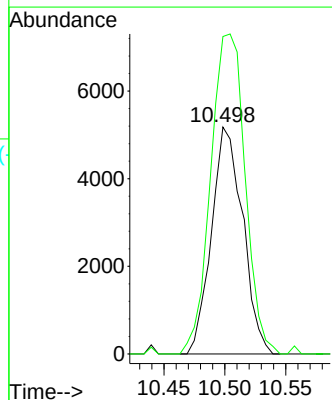
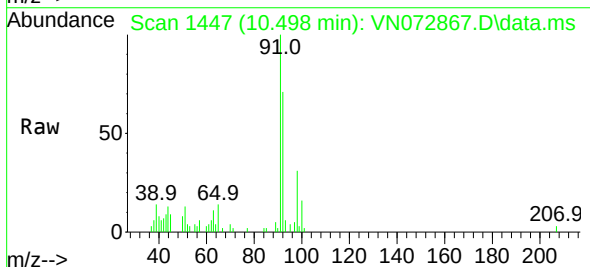
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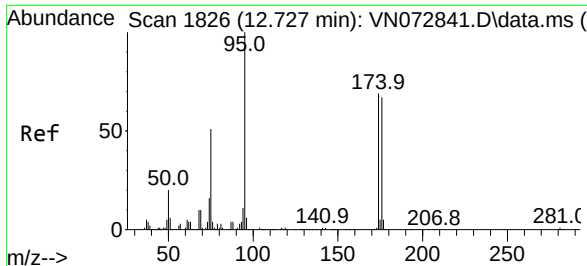
Tgt Ion: 98 Resp: 553712
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#52
Toluene
Concen: 1.105 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072867.D
Acq: 15 Jun 2022 06:21

Tgt Ion: 92 Resp: 9233
Ion Ratio Lower Upper
92 100
91 155.6 138.6 207.8

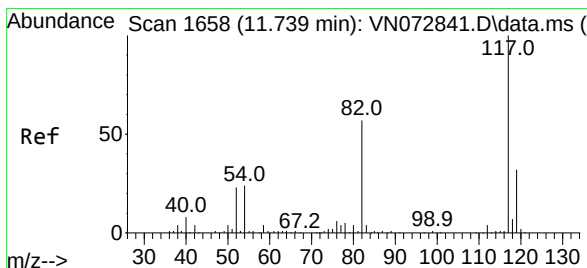
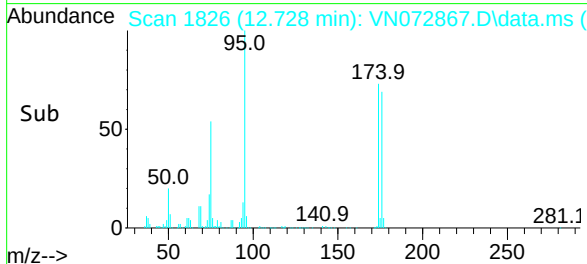
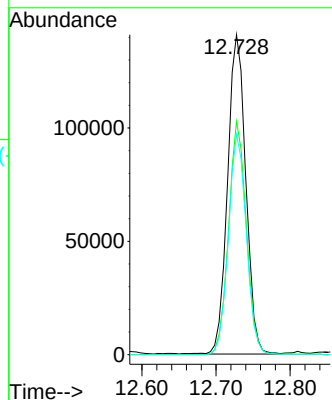
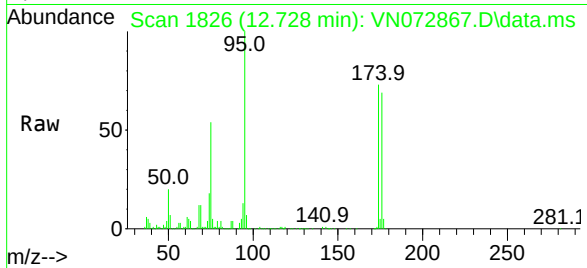




#62
4-Bromofluorobenzene
Concen: 56.939 ug/l
RT: 12.728 min Scan# 1826
Delta R.T. 0.001 min
Lab File: VN072867.D
Acq: 15 Jun 2022 06:21

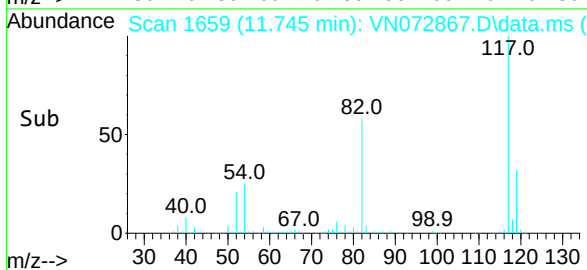
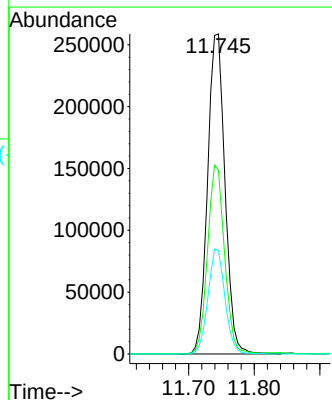
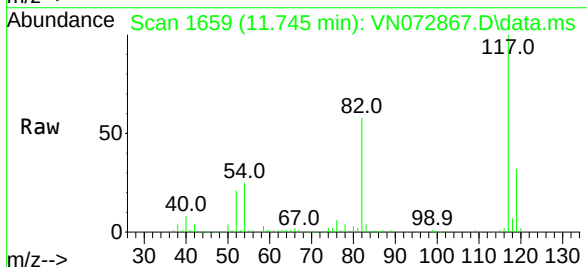
Instrument :
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WC-14A-1A-11

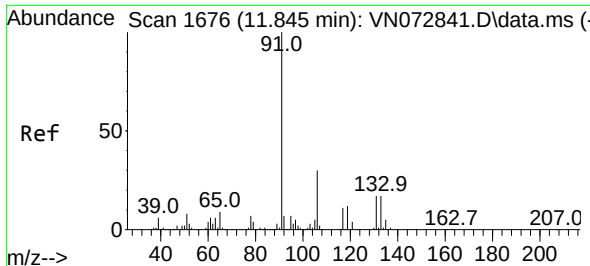
Tgt Ion: 95 Resp: 240386
Ion Ratio Lower Upper
95 100
174 71.5 0.0 167.6
176 67.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN072867.D
Acq: 15 Jun 2022 06:21

Tgt Ion: 117 Resp: 477014
Ion Ratio Lower Upper
117 100
82 57.5 44.2 66.2
119 32.4 25.4 38.0

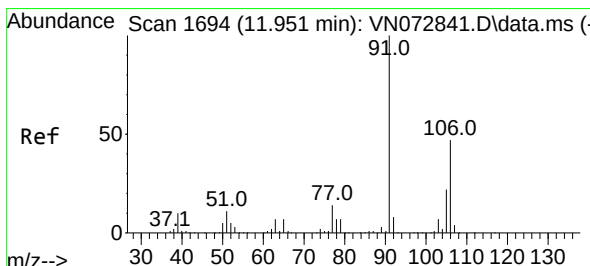
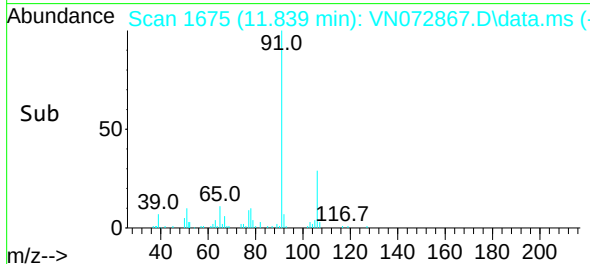
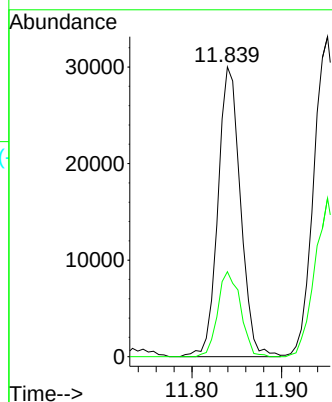
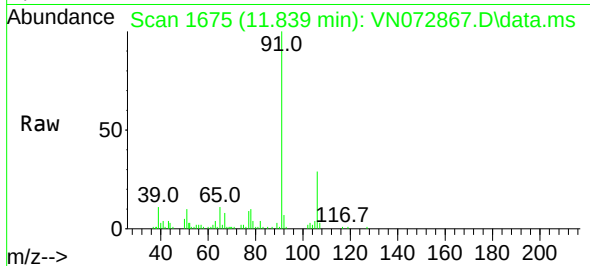




#67
Ethyl Benzene
Concen: 3.084 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VN072867.D
Acq: 15 Jun 2022 06:21

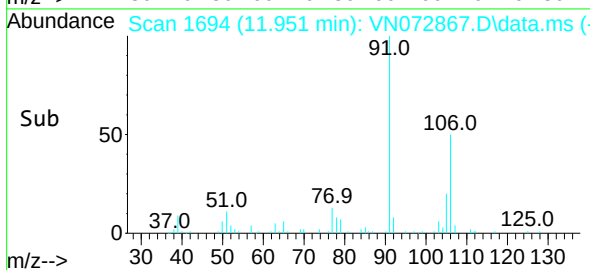
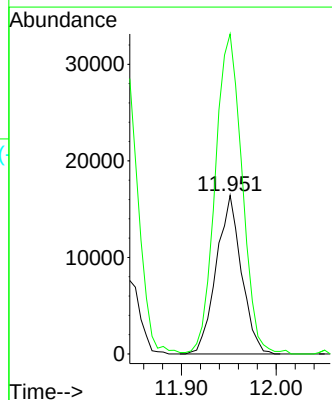
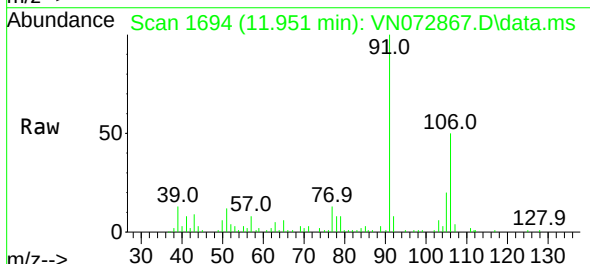
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-11

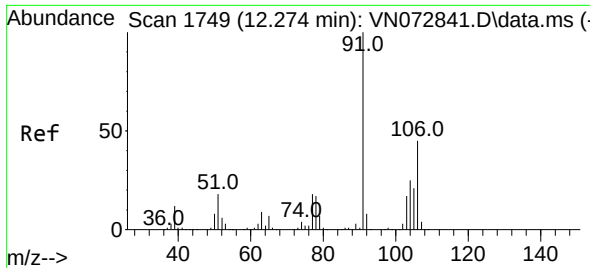
Tgt Ion: 91 Resp: 52306
Ion Ratio Lower Upper
91 100
106 29.3 24.9 37.3



#68
m/p-Xylenes
Concen: 5.050 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072867.D
Acq: 15 Jun 2022 06:21

Tgt Ion: 106 Resp: 30333
Ion Ratio Lower Upper
106 100
91 215.6 158.9 238.3

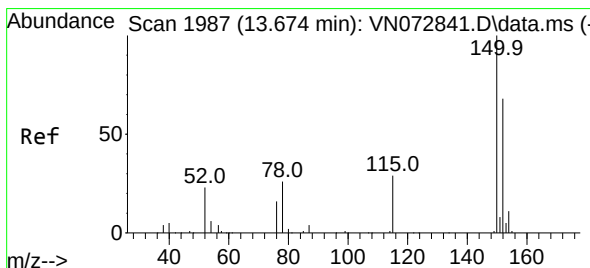
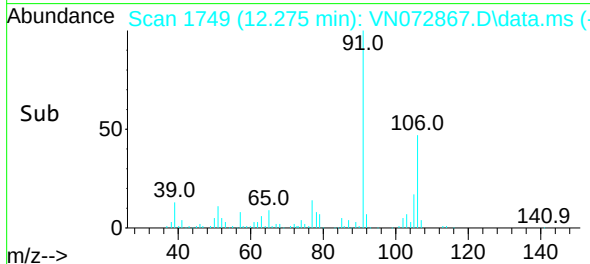
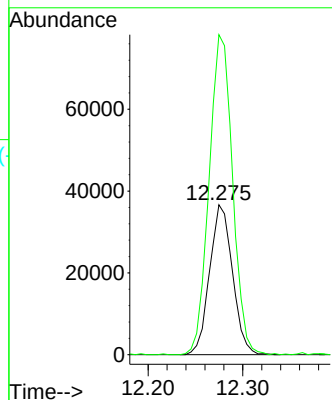
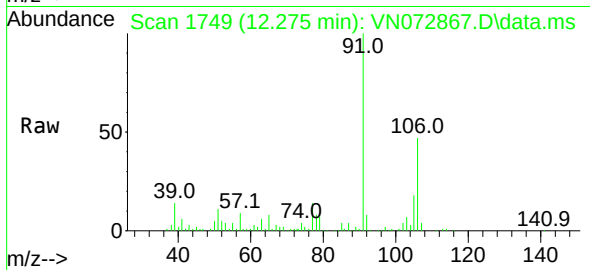




#69
o-Xylene
Concen: 9.691 ug/l
RT: 12.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN072867.D
Acq: 15 Jun 2022 06:21

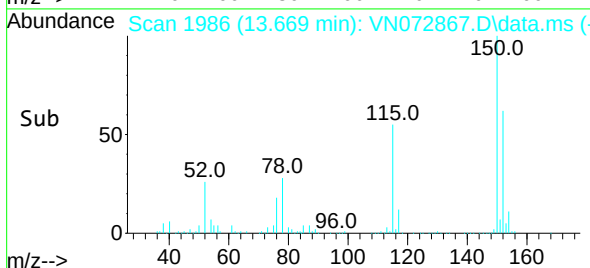
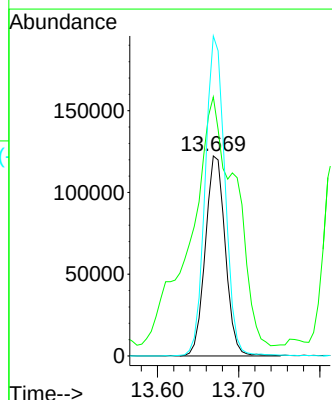
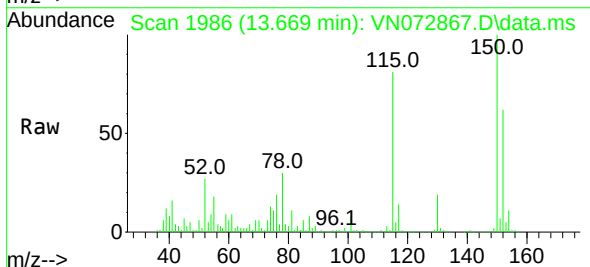
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-11

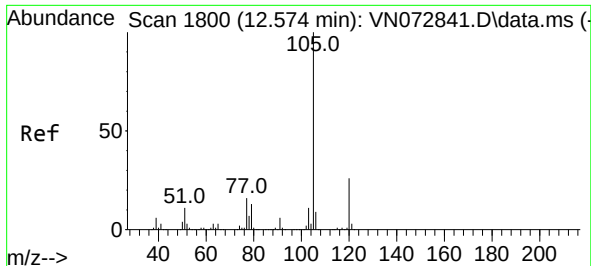
Tgt Ion:106 Resp: 61609
Ion Ratio Lower Upper
106 100
91 219.3 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.005 min
Lab File: VN072867.D
Acq: 15 Jun 2022 06:21

Tgt Ion:152 Resp: 208989
Ion Ratio Lower Upper
152 100
115 282.9 28.9 86.7#
150 158.7 0.0 356.2

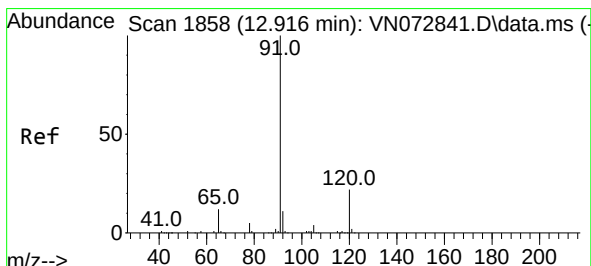
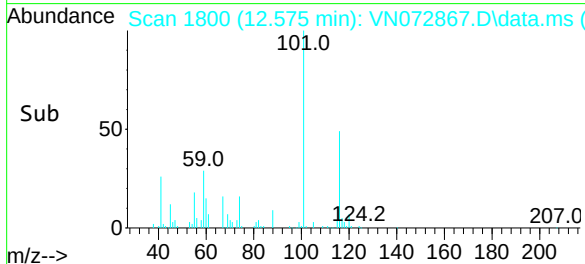
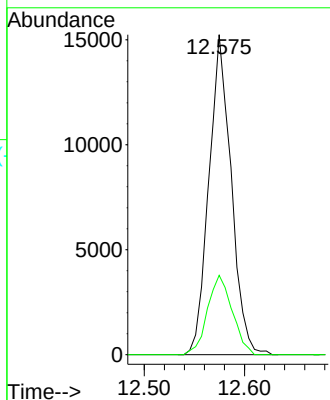
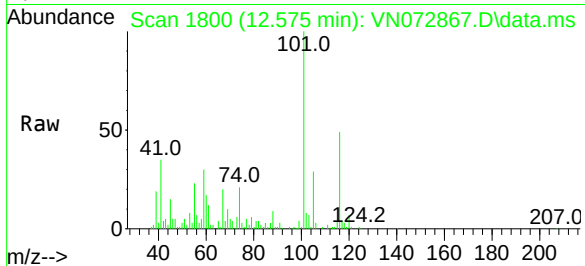




#73
Isopropylbenzene
Concen: 1.226 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. 0.001 min
Lab File: VN072867.D
Acq: 15 Jun 2022 06:21

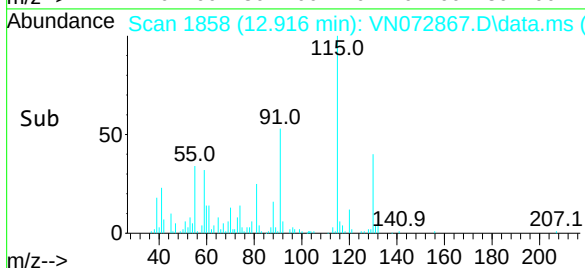
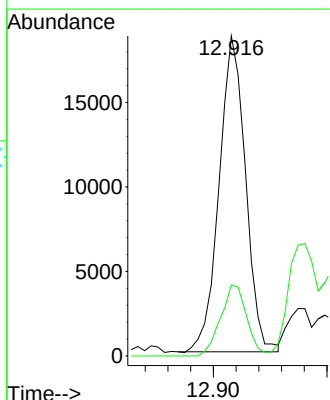
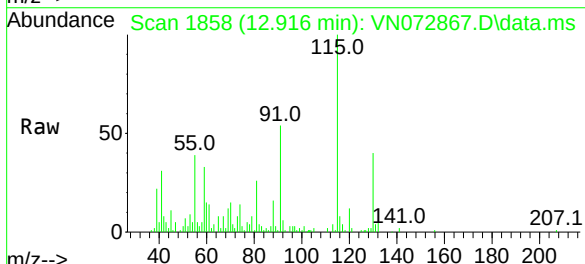
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-11

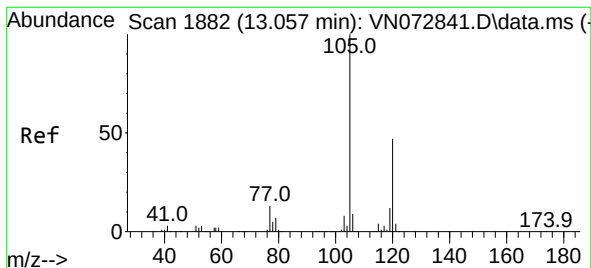
Tgt Ion:105 Resp: 23551
Ion Ratio Lower Upper
105 100
120 27.5 13.5 40.4



#78
n-propylbenzene
Concen: 1.441 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072867.D
Acq: 15 Jun 2022 06:21

Tgt Ion: 91 Resp: 30191
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 3.775 ug/l

RT: 13.057 min Scan# 1882

Delta R.T. 0.000 min

Lab File: VN072867.D

Acq: 15 Jun 2022 06:21

Instrument :

MSVOA_N

ClientSampleId :

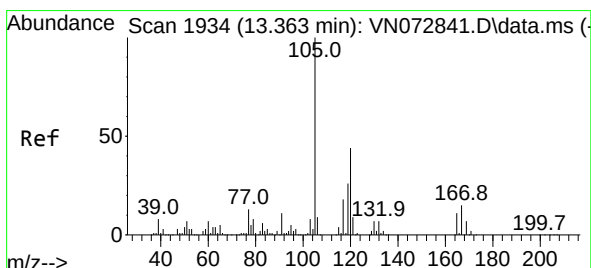
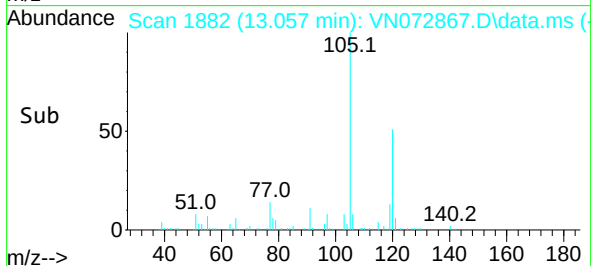
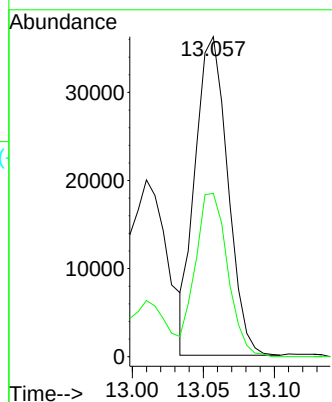
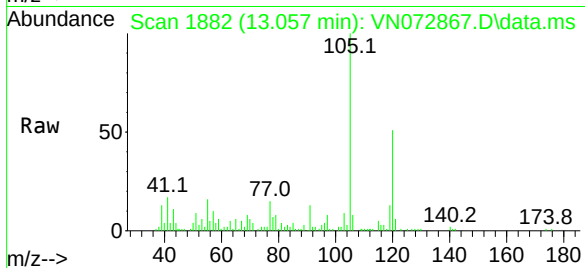
WC-14A-1A-11

Tgt Ion:105 Resp: 57618

Ion Ratio Lower Upper

105 100

120 50.9 24.9 74.7



#84

1,2,4-Trimethylbenzene

Concen: 11.930 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. -0.000 min

Lab File: VN072867.D

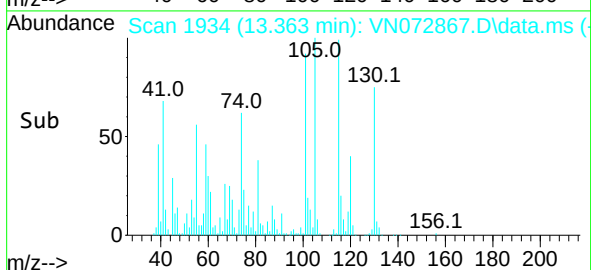
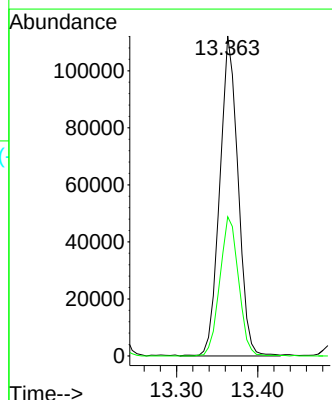
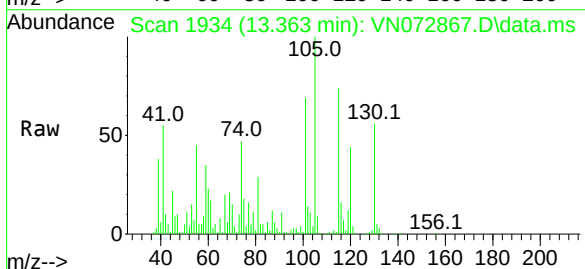
Acq: 15 Jun 2022 06:21

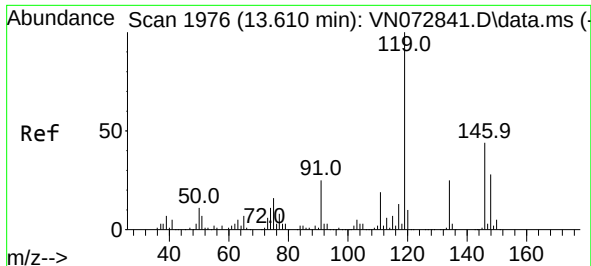
Tgt Ion:105 Resp: 176198

Ion Ratio Lower Upper

105 100

120 44.5 23.3 69.8

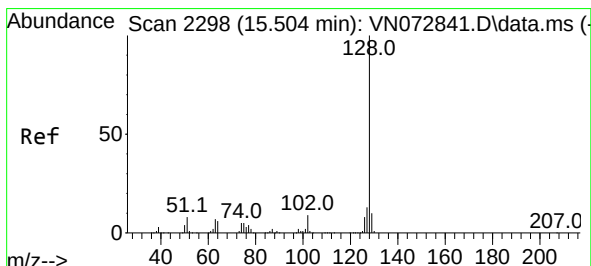
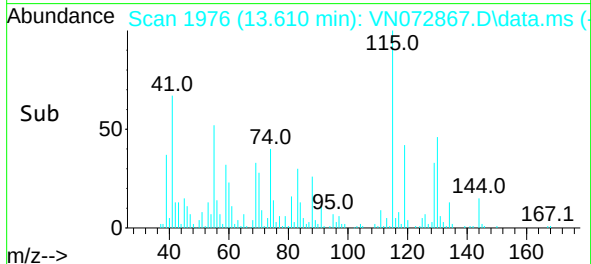
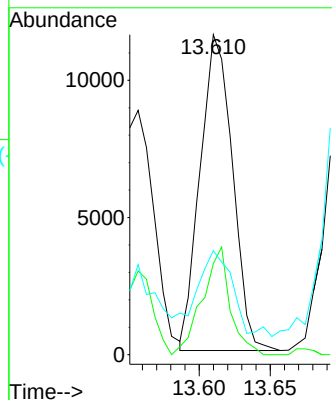
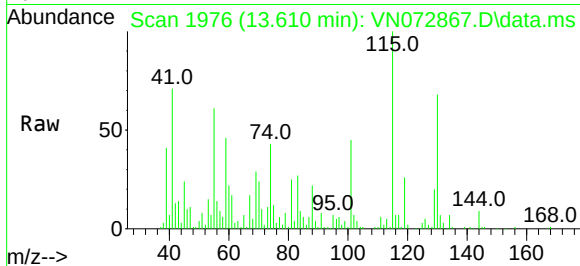




#86
p-Isopropyltoluene
Concen: 1.272 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072867.D
Acq: 15 Jun 2022 06:21

Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-11

Tgt Ion:	119	Resp:	18265
Ion	Ratio	Lower	Upper
119	100		
134	29.1	13.3	39.8
91	24.0	11.3	33.9



#95
Naphthalene
Concen: 6.825 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VN072867.D
Acq: 15 Jun 2022 06:21

Tgt Ion:	128	Resp:	89712
Ion	Ratio	Lower	Upper
128	100		
127	15.9	10.3	15.5#
129	13.1	8.6	13.0#

