

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073106.D
 Acq On : 25 Jun 2022 13:27
 Operator : JC\MD
 Sample : N3431-21
 Misc : 5.09g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14B-2-5

Quant Time: Jun 27 03:37:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

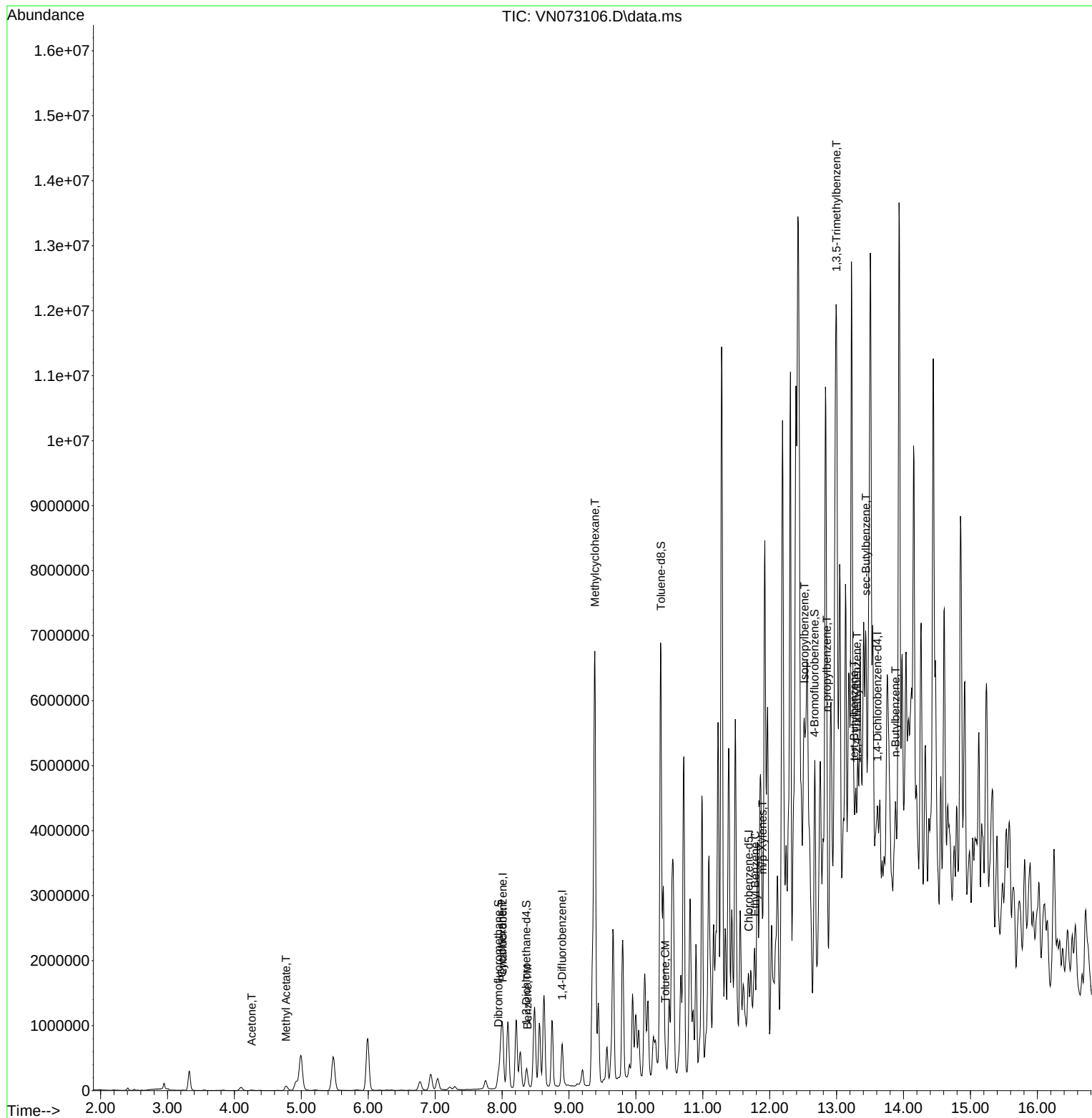
Internal Standards						
1) Pentafluorobenzene	8.010	168	342011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	547098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	498962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	351116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	188465	40.759	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.520%
35) Dibromofluoromethane	7.945	113	160977	47.604	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.200%
50) Toluene-d8	10.374	98	848568	67.438	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	134.880%#
62) 4-Bromofluorobenzene	12.668	95	474072	104.776	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	209.560%#
Target Compounds						
					Qvalue	
16) Acetone	4.257	43	19564	7.697	ug/l	94
18) Methyl Acetate	4.769	43	147895	21.851	ug/l	92
31) Cyclohexane	7.998	56	368009	58.837	ug/l	84
39) Methylcyclohexane	9.386	83	2832373	513.555	ug/l	92
40) Benzene	8.380	78	95711	6.656	ug/l	96
52) Toluene	10.439	92	108612	12.302	ug/l	99
67) Ethyl Benzene	11.780	91	91322	5.324	ug/l	96
68) m/p-Xylenes	11.892	106	138898	20.645	ug/l	87
73) Isopropylbenzene	12.521	105	896669	33.010	ug/l	100
78) n-propylbenzene	12.857	91	1188178	39.768	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	144535	6.478	ug/l	82
83) tert-Butylbenzene	13.262	119	156243	7.646	ug/l	81
84) 1,2,4-Trimethylbenzene	13.304	105	348146	15.666	ug/l	95
85) sec-Butylbenzene	13.439	105	1054728	38.692	ug/l #	75
89) n-Butylbenzene	13.880	91	490071	27.194	ug/l	88

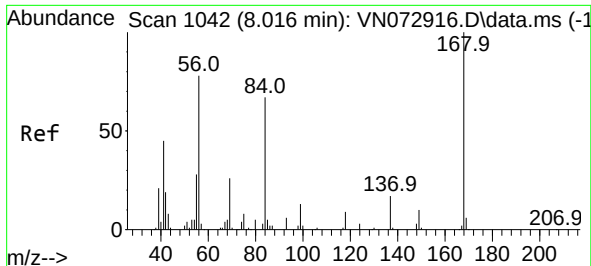
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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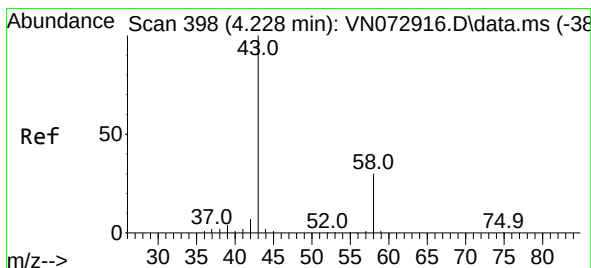
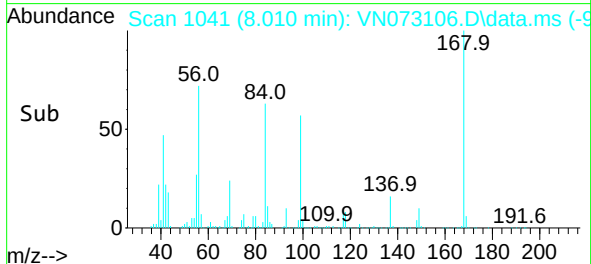
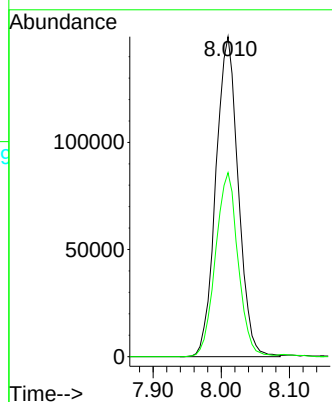
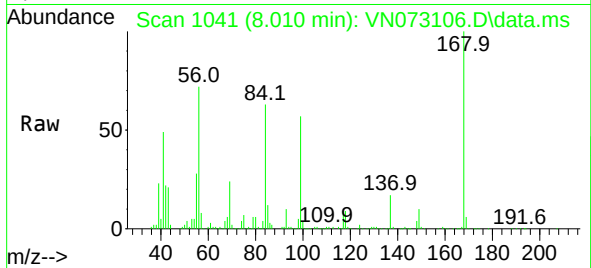




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VN073106.D
Acq: 25 Jun 2022 13:27

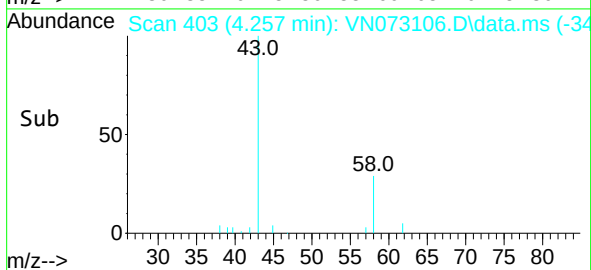
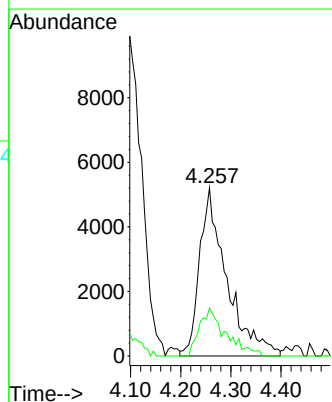
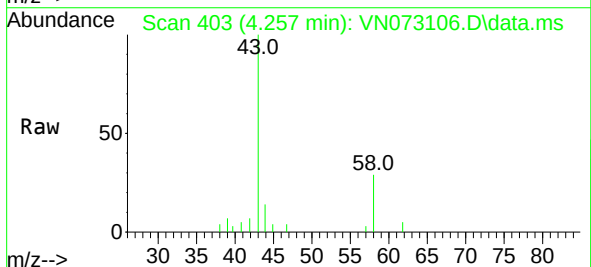
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-5

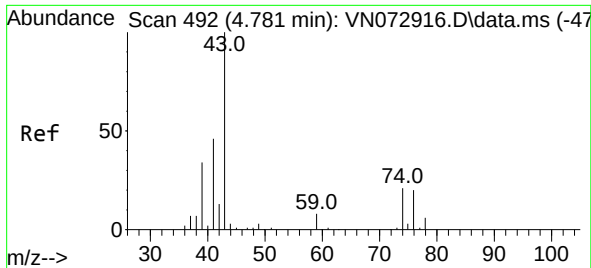
Tgt Ion:168 Resp: 342011
Ion Ratio Lower Upper
168 100
99 57.5 42.3 63.5



#16
Acetone
Concen: 7.697 ug/l
RT: 4.257 min Scan# 403
Delta R.T. 0.029 min
Lab File: VN073106.D
Acq: 25 Jun 2022 13:27

Tgt Ion: 43 Resp: 19564
Ion Ratio Lower Upper
43 100
58 29.4 26.0 39.0

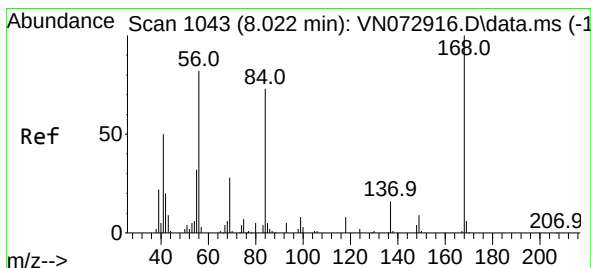
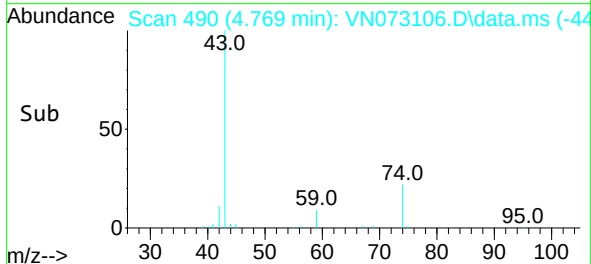
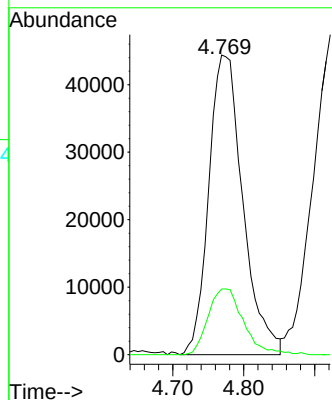
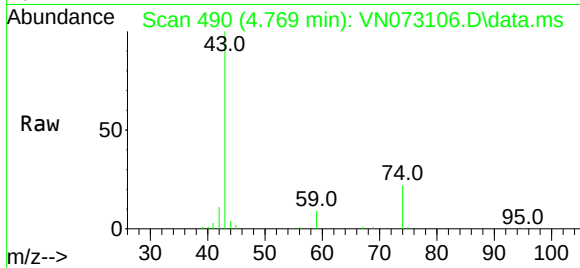




#18
Methyl Acetate
Concen: 21.851 ug/l
RT: 4.769 min Scan# 492
Delta R.T. -0.012 min
Lab File: VN073106.D
Acq: 25 Jun 2022 13:27

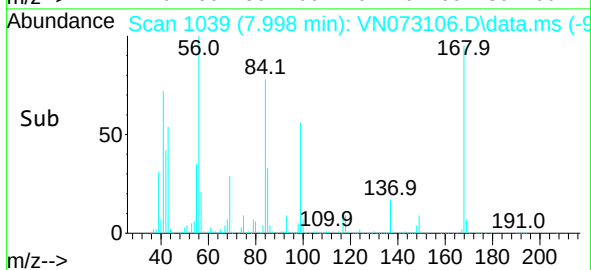
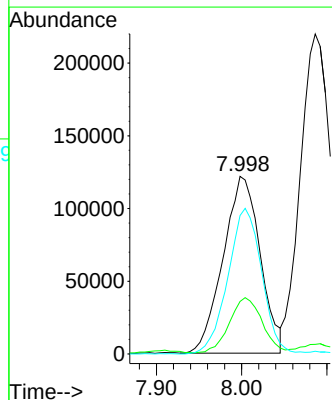
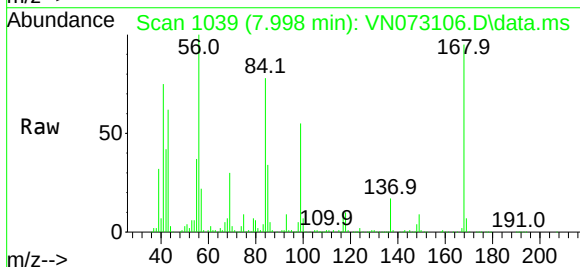
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-5

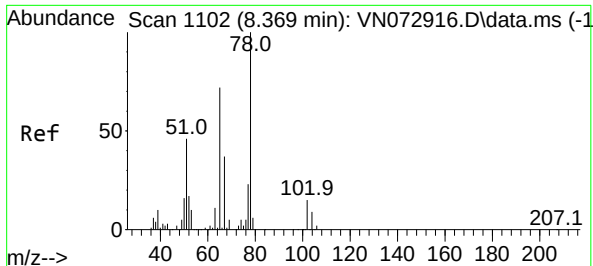
Tgt Ion: 43 Resp: 147895
Ion Ratio Lower Upper
43 100
74 22.9 21.6 32.4



#31
Cyclohexane
Concen: 58.837 ug/l
RT: 7.998 min Scan# 1039
Delta R.T. -0.024 min
Lab File: VN073106.D
Acq: 25 Jun 2022 13:27

Tgt Ion: 56 Resp: 368009
Ion Ratio Lower Upper
56 100
69 28.2 27.8 41.8
84 78.2 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 40.759 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN073106.D

Acq: 25 Jun 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

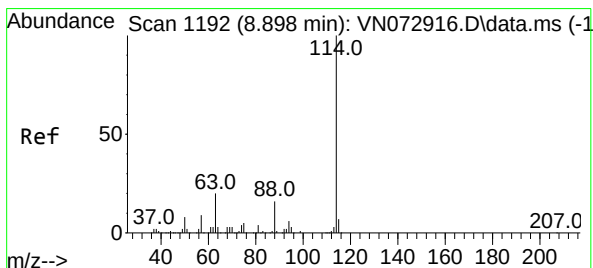
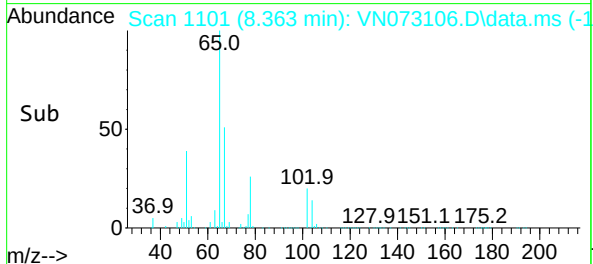
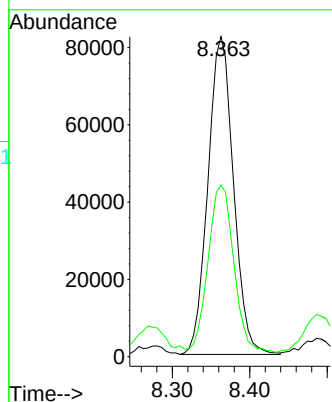
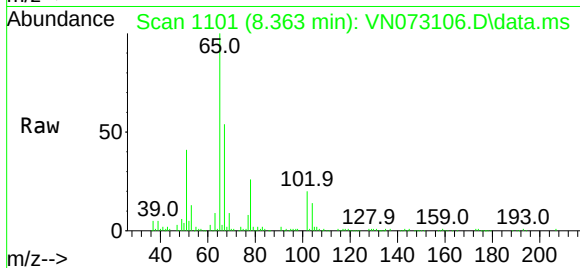
WC-14B-2-5

Tgt Ion: 65 Resp: 188465

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VN073106.D

Acq: 25 Jun 2022 13:27

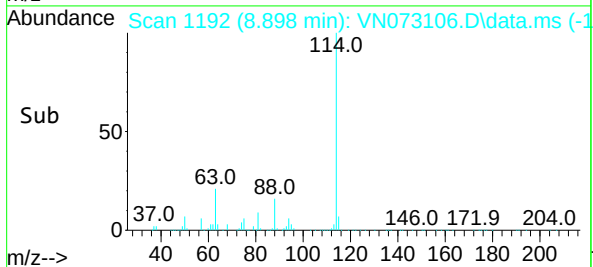
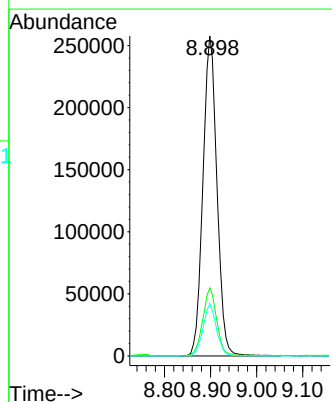
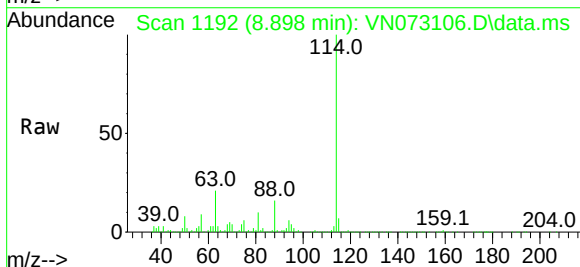
Tgt Ion: 114 Resp: 547098

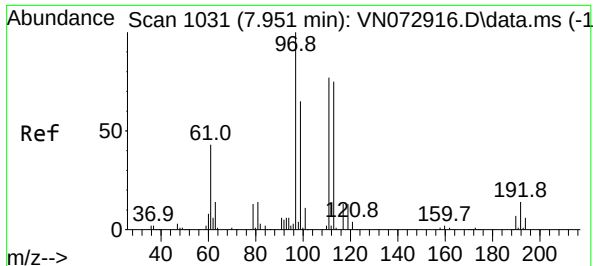
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.604 ug/l

RT: 7.945 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN073106.D

Acq: 25 Jun 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-2-5

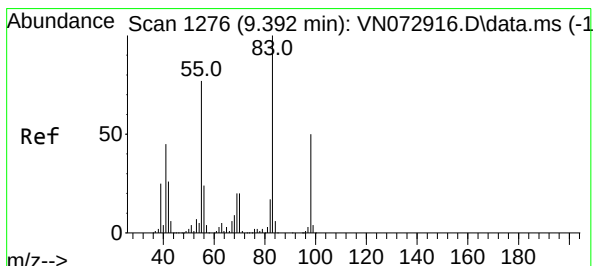
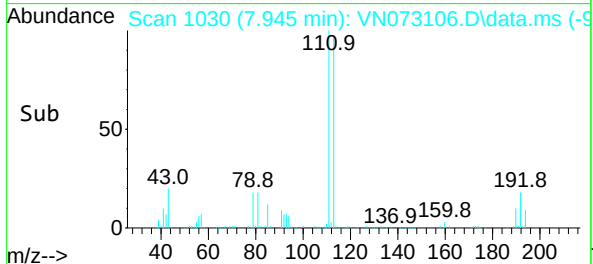
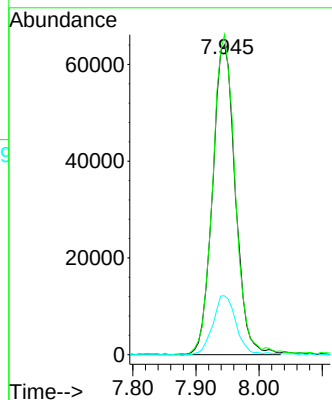
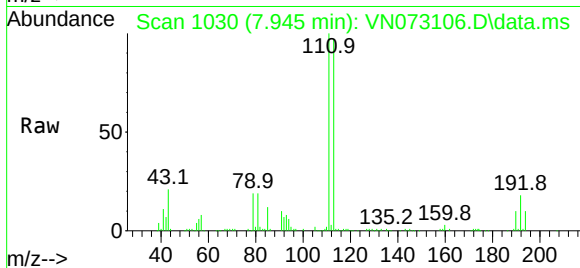
Tgt Ion:113 Resp: 160977

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 19.1 17.0 25.6



#39

Methylcyclohexane

Concen: 513.555 ug/l

RT: 9.386 min Scan# 1275

Delta R.T. -0.006 min

Lab File: VN073106.D

Acq: 25 Jun 2022 13:27

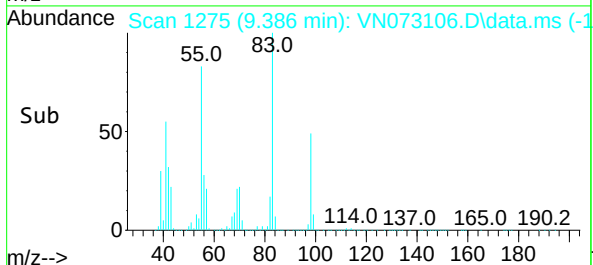
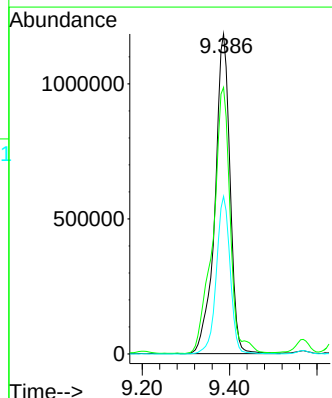
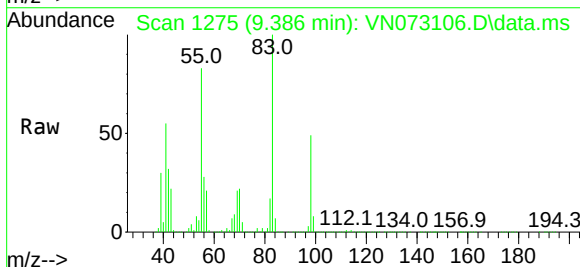
Tgt Ion: 83 Resp: 2832373

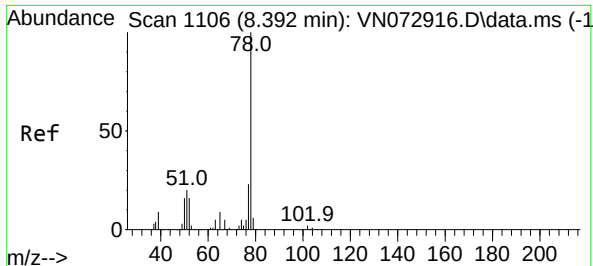
Ion Ratio Lower Upper

83 100

55 83.2 57.8 86.8

98 49.3 39.4 59.2

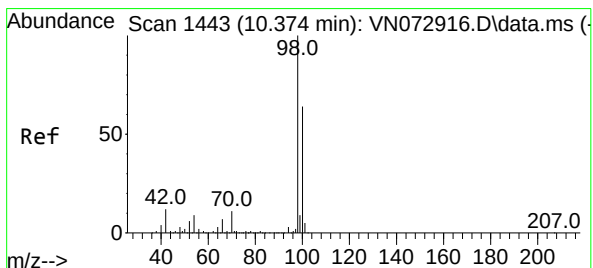
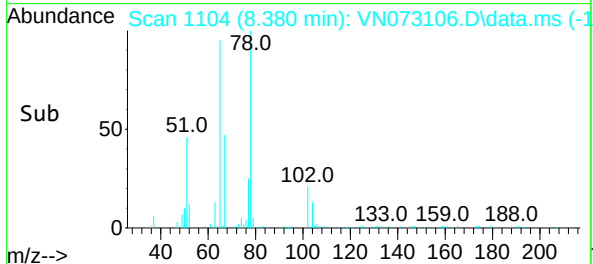
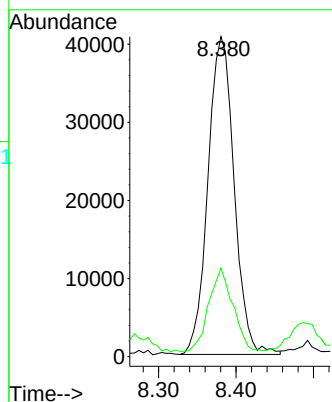
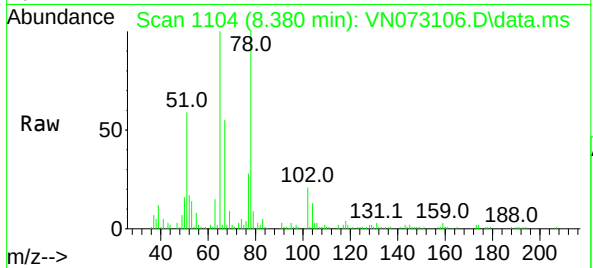




#40
Benzene
Concen: 6.656 ug/l
RT: 8.380 min Scan# 1106
Delta R.T. -0.012 min
Lab File: VN073106.D
Acq: 25 Jun 2022 13:27

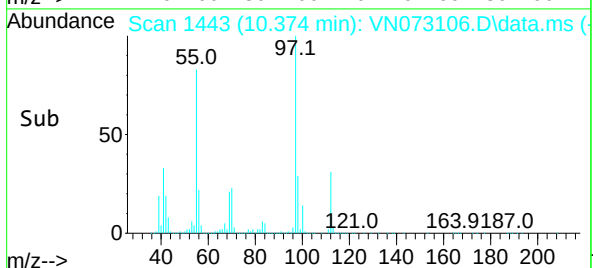
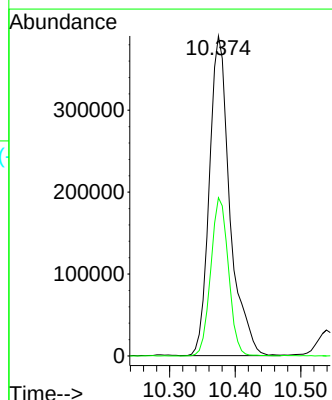
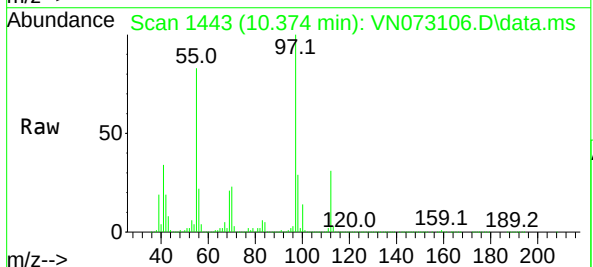
Instrument :
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WC-14B-2-5

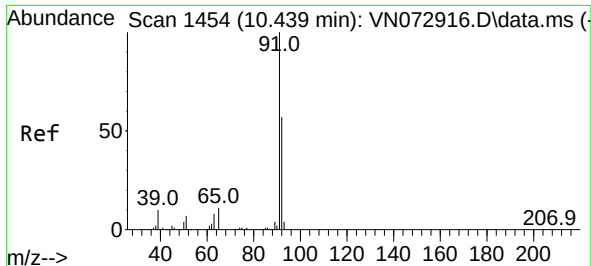
Tgt Ion: 78 Resp: 95711
Ion Ratio Lower Upper
78 100
77 26.2 19.4 29.0



#50
Toluene-d8
Concen: 67.438 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073106.D
Acq: 25 Jun 2022 13:27

Tgt Ion: 98 Resp: 848568
Ion Ratio Lower Upper
98 100
100 42.7 52.6 78.8#

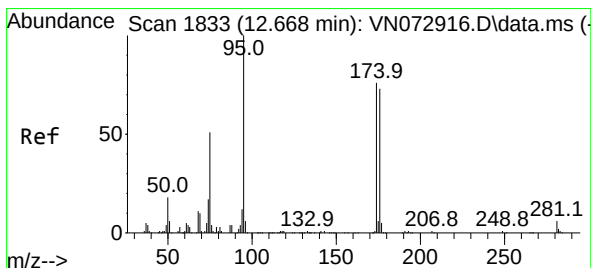
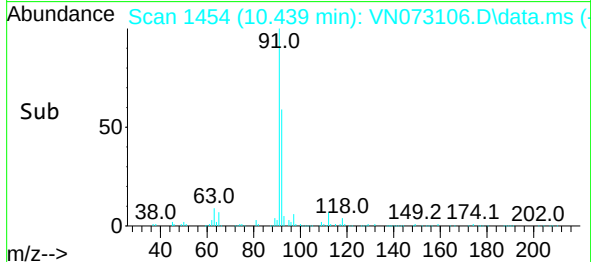
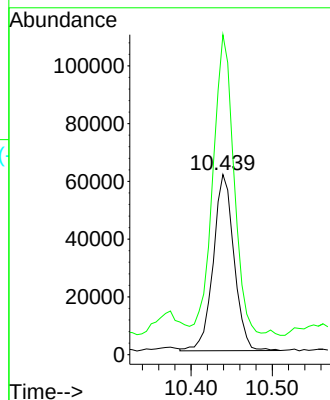
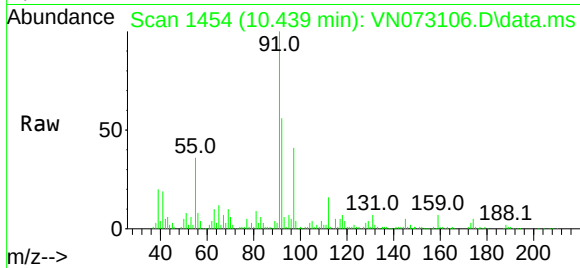




#52
Toluene
Concen: 12.302 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.000 min
Lab File: VN073106.D
Acq: 25 Jun 2022 13:27

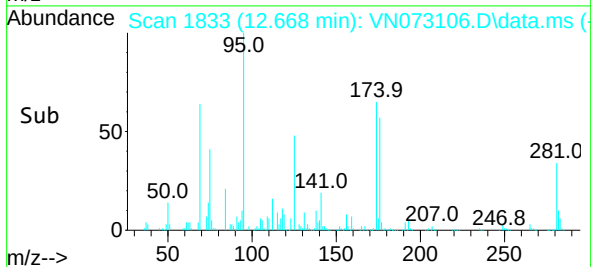
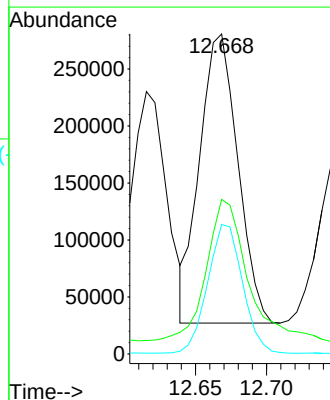
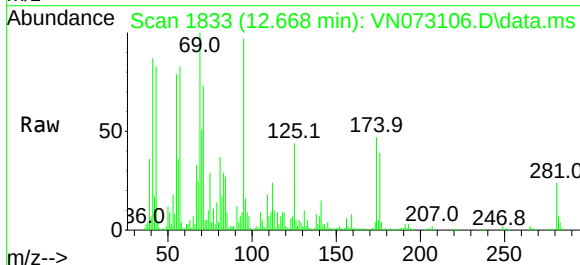
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MSVOA_N
ClientSampleId :
WC-14B-2-5

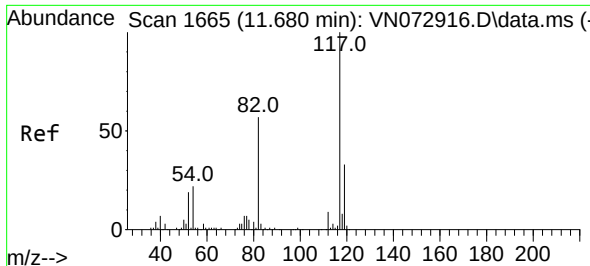
Tgt Ion: 92 Resp: 108612
Ion Ratio Lower Upper
92 100
91 171.3 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 104.776 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073106.D
Acq: 25 Jun 2022 13:27

Tgt Ion: 95 Resp: 474072
Ion Ratio Lower Upper
95 100
174 68.8 0.0 167.6
176 40.7 0.0 163.4

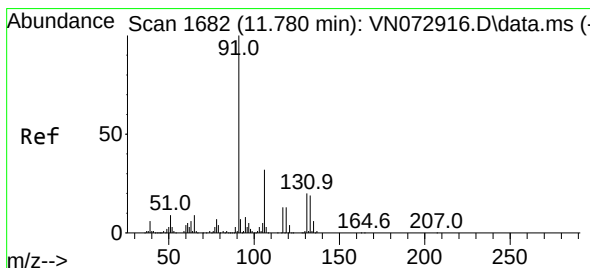
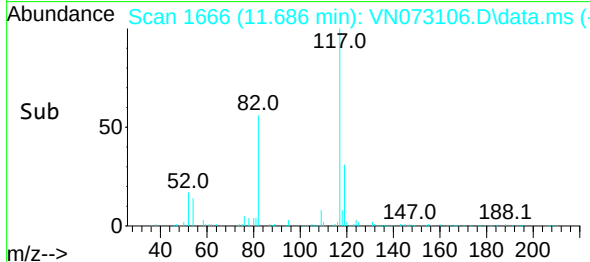
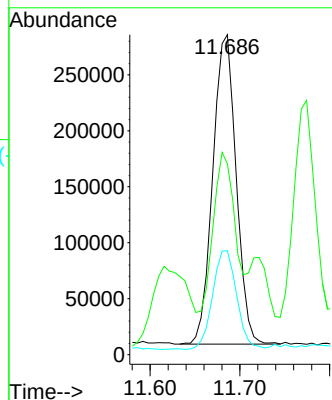
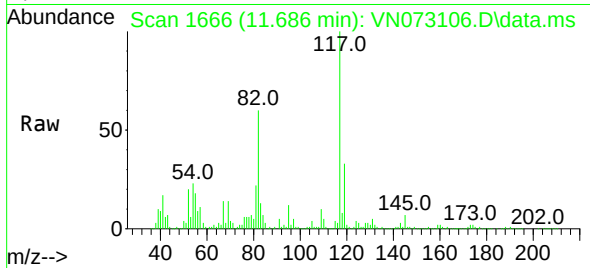




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN073106.D
Acq: 25 Jun 2022 13:27

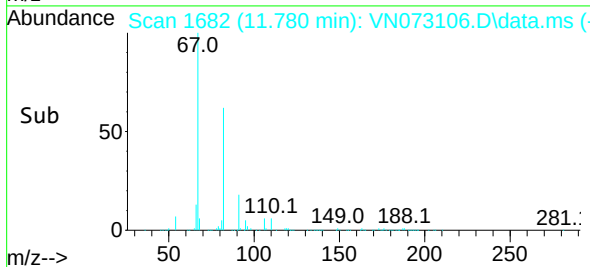
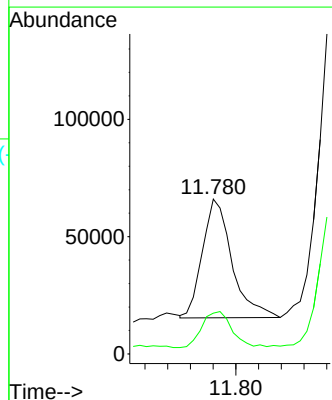
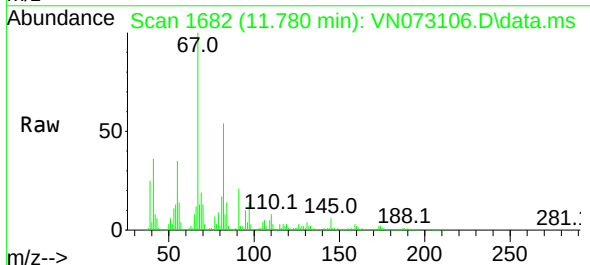
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-5

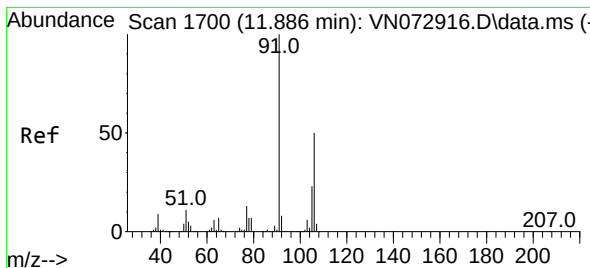
Tgt Ion:117 Resp: 498962
Ion Ratio Lower Upper
117 100
82 49.6 44.2 66.2
119 31.7 25.4 38.0



#67
Ethyl Benzene
Concen: 5.324 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN073106.D
Acq: 25 Jun 2022 13:27

Tgt Ion: 91 Resp: 91322
Ion Ratio Lower Upper
91 100
106 29.1 24.9 37.3





#68

m/p-Xylenes

Concen: 20.645 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VN073106.D

Acq: 25 Jun 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

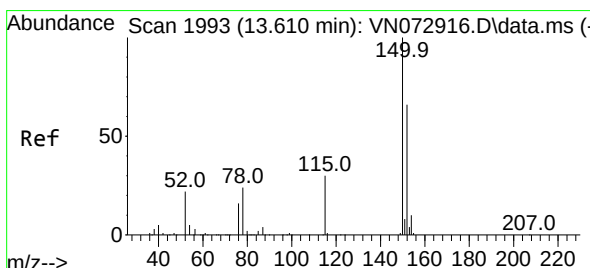
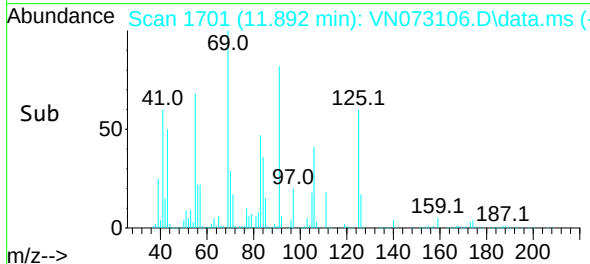
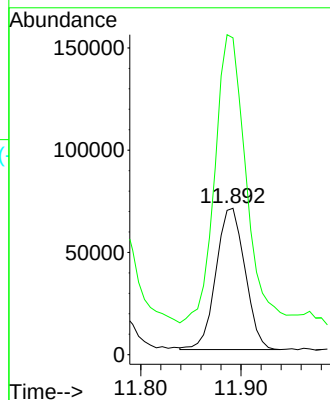
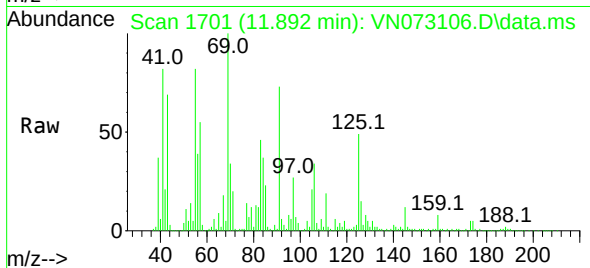
WC-14B-2-5

Tgt Ion:106 Resp: 138898

Ion Ratio Lower Upper

106 100

91 217.6 158.9 238.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.609 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN073106.D

Acq: 25 Jun 2022 13:27

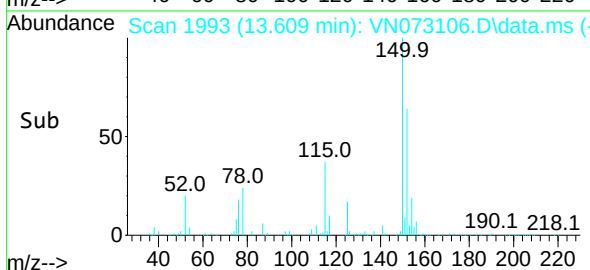
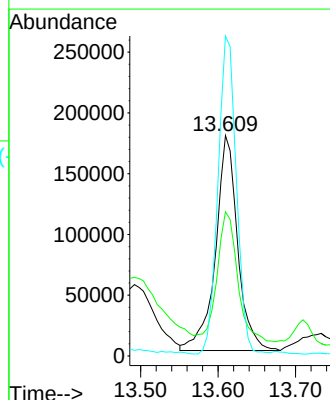
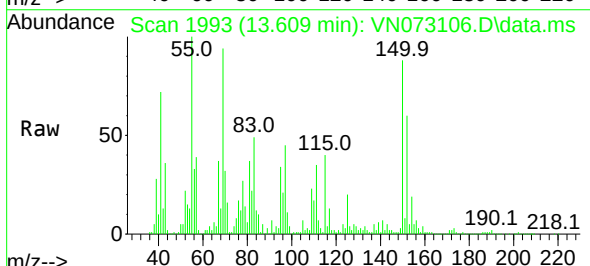
Tgt Ion:152 Resp: 351116

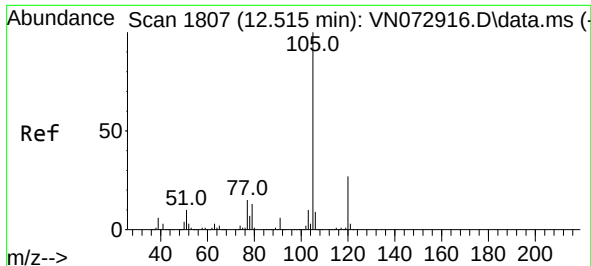
Ion Ratio Lower Upper

152 100

115 55.9 28.9 86.7

150 122.7 0.0 356.2

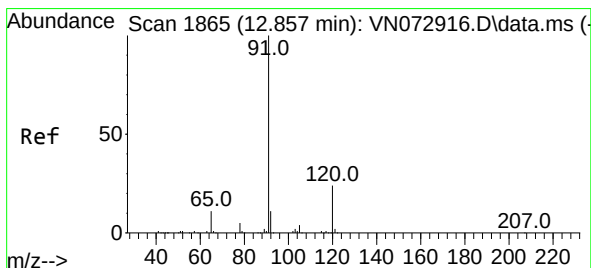
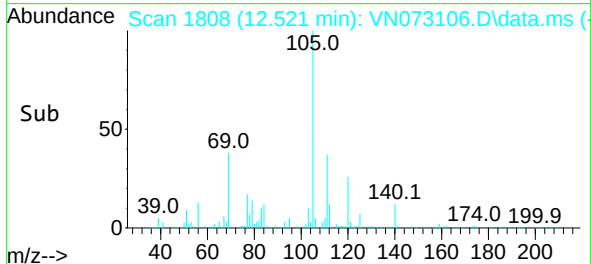
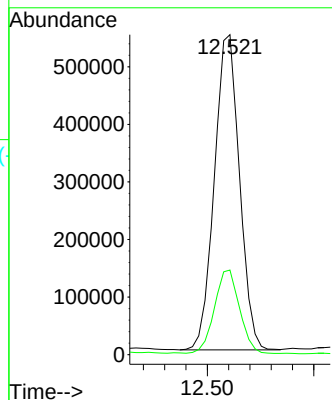
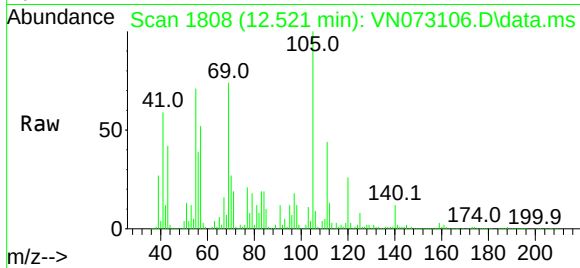




#73
Isopropylbenzene
Concen: 33.010 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN073106.D
Acq: 25 Jun 2022 13:27

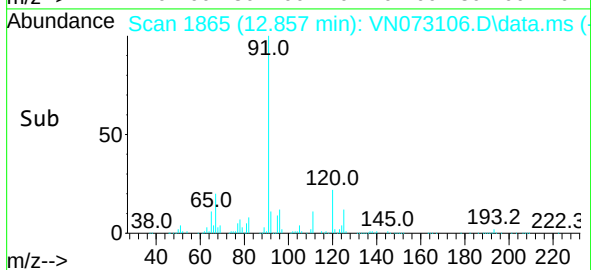
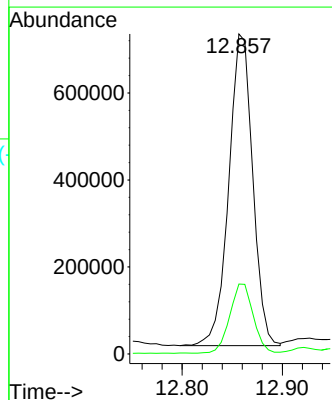
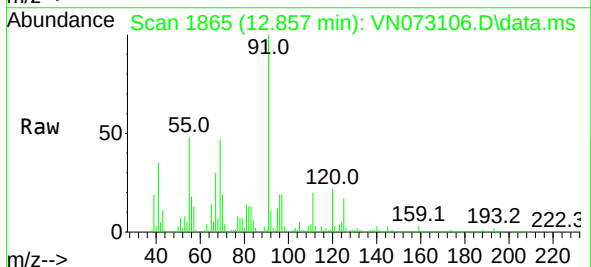
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-5

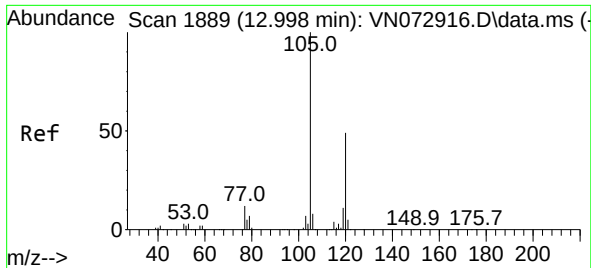
Tgt Ion:105 Resp: 896669
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4



#78
n-propylbenzene
Concen: 39.768 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073106.D
Acq: 25 Jun 2022 13:27

Tgt Ion: 91 Resp: 1188178
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.5

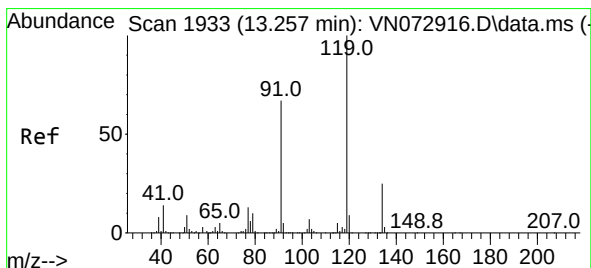
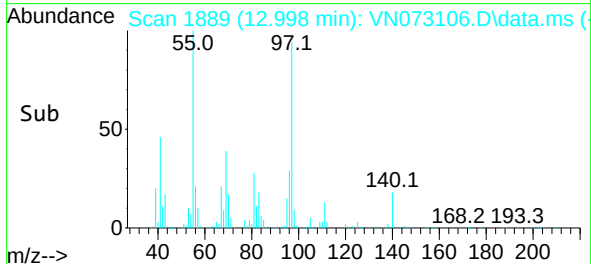
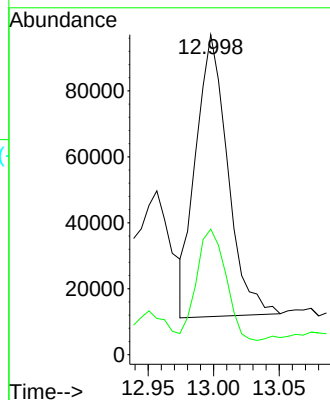
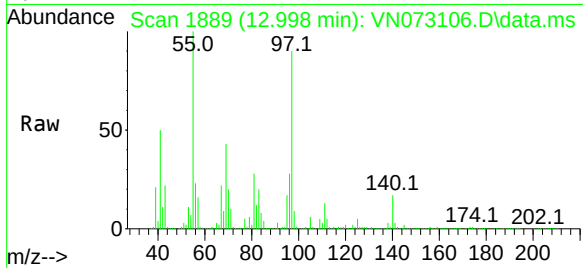




#80
1,3,5-Trimethylbenzene
Concen: 6.478 ug/l
RT: 12.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073106.D
Acq: 25 Jun 2022 13:27

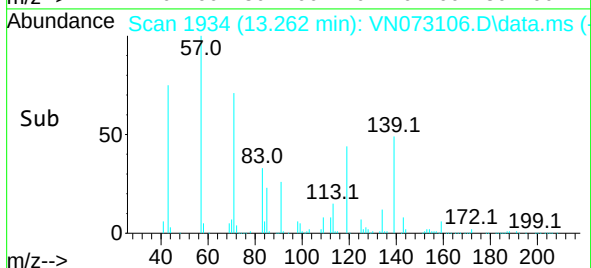
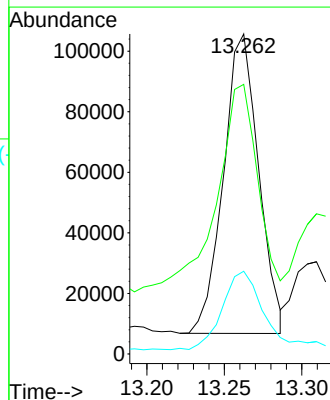
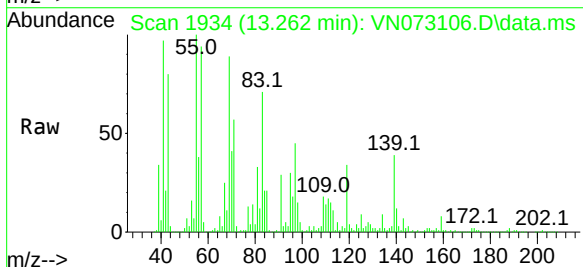
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-5

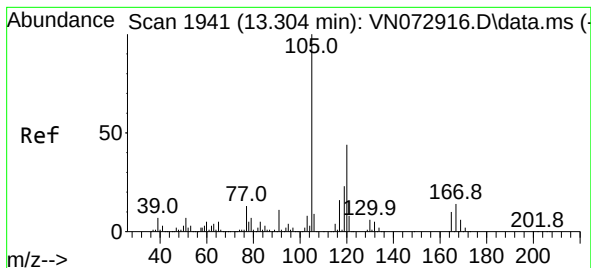
Tgt Ion:105 Resp: 144535
Ion Ratio Lower Upper
105 100
120 37.7 24.9 74.7



#83
tert-Butylbenzene
Concen: 7.646 ug/l
RT: 13.262 min Scan# 1934
Delta R.T. 0.006 min
Lab File: VN073106.D
Acq: 25 Jun 2022 13:27

Tgt Ion:119 Resp: 156243
Ion Ratio Lower Upper
119 100
91 80.8 31.6 94.8
134 32.7 13.7 41.1





#84

1,2,4-Trimethylbenzene

Concen: 15.666 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073106.D

Acq: 25 Jun 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

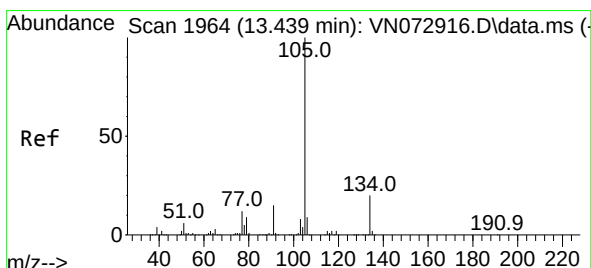
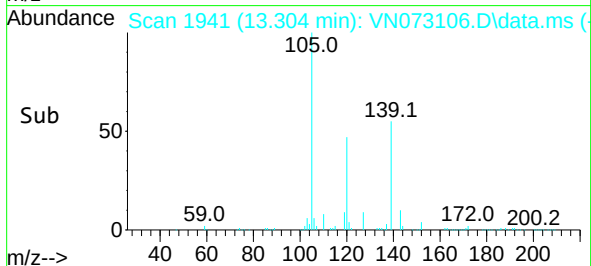
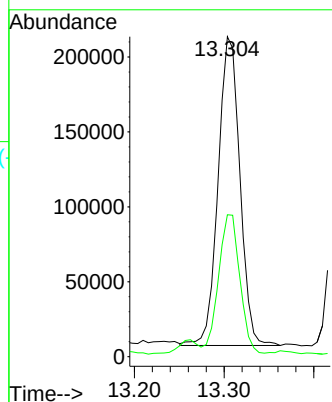
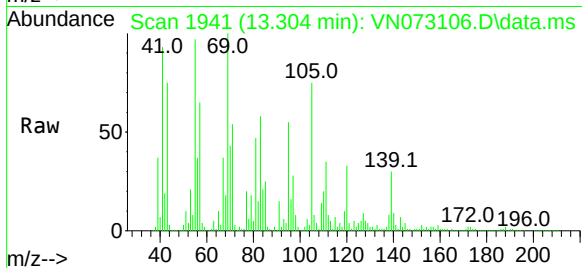
WC-14B-2-5

Tgt Ion:105 Resp: 348146

Ion Ratio Lower Upper

105 100

120 43.4 23.3 69.8



#85

sec-Butylbenzene

Concen: 38.692 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VN073106.D

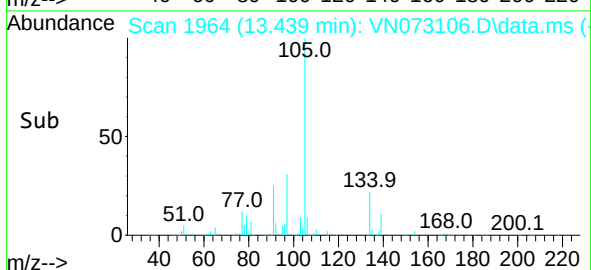
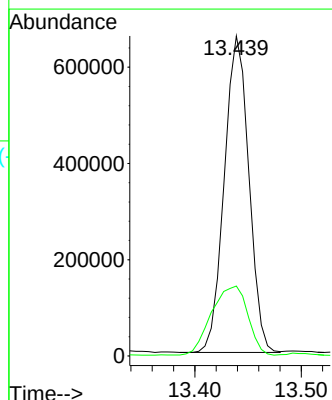
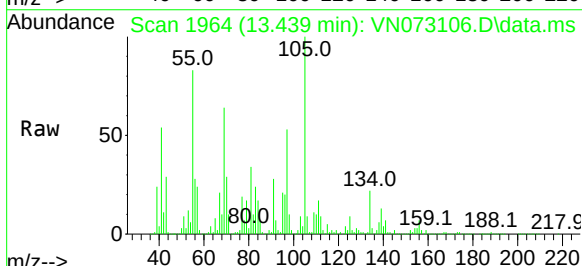
Acq: 25 Jun 2022 13:27

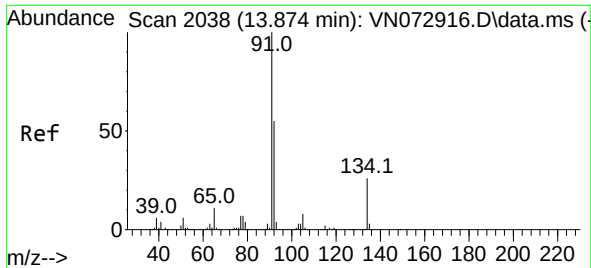
Tgt Ion:105 Resp: 1054728

Ion Ratio Lower Upper

105 100

134 32.2 10.4 31.1#





#89

n-Butylbenzene

Concen: 27.194 ug/l

RT: 13.880 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN073106.D

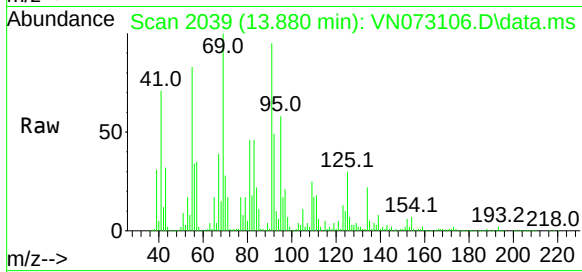
Acq: 25 Jun 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-2-5



Tgt Ion: 91 Resp: 490071

Ion Ratio Lower Upper

91 100

92 50.0 26.9 80.7

134 39.8 13.6 40.8

