

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073104.D
 Acq On : 25 Jun 2022 12:38
 Operator : JC\MD
 Sample : N3431-09
 Misc : 5.13g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14B-2-3

Quant Time: Jun 27 03:36:39 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)

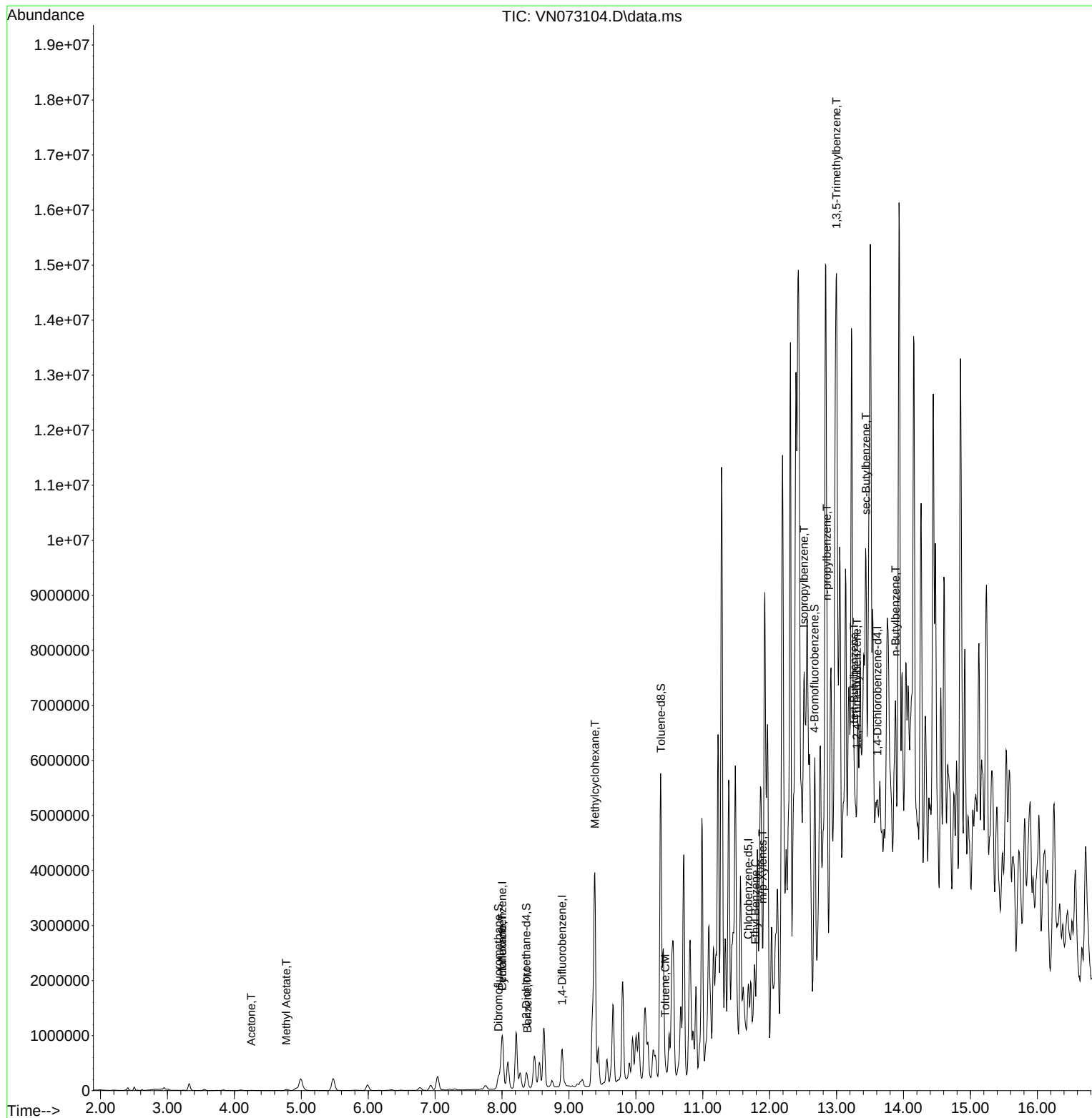
Internal Standards						
1) Pentafluorobenzene	8.004	168	321252	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.898	114	523248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	491816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	384406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	180917	41.655	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.300%
35) Dibromofluoromethane	7.945	113	151650	46.890	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.780%
50) Toluene-d8	10.375	98	771472	64.106	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	128.220%#
62) 4-Bromofluorobenzene	12.669	95	543185	125.523	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	251.040%#
Target Compounds						
					Qvalue	
16) Acetone	4.251	43	9830	4.117	ug/l	91
18) Methyl Acetate	4.775	43	42052	6.614	ug/l #	88
31) Cyclohexane	8.004	56	335643	57.130	ug/l	94
39) Methylcyclohexane	9.386	83	1659782	314.663	ug/l	94
40) Benzene	8.381	78	89020	6.473	ug/l	99
52) Toluene	10.439	92	70172	8.311	ug/l	95
67) Ethyl Benzene	11.786	91	98809	5.844	ug/l	93
68) m/p-Xylenes	11.892	106	118360	17.848	ug/l	91
73) Isopropylbenzene	12.516	105	1547668	52.042	ug/l	98
78) n-propylbenzene	12.857	91	2744429	83.899	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	75263	3.081	ug/l	80
83) tert-Butylbenzene	13.263	119	220969	9.877	ug/l	82
84) 1,2,4-Trimethylbenzene	13.304	105	397652	16.344	ug/l	95
85) sec-Butylbenzene	13.439	105	2090772	70.056	ug/l	78
89) n-Butylbenzene	13.880	91	1504380	76.249	ug/l	88

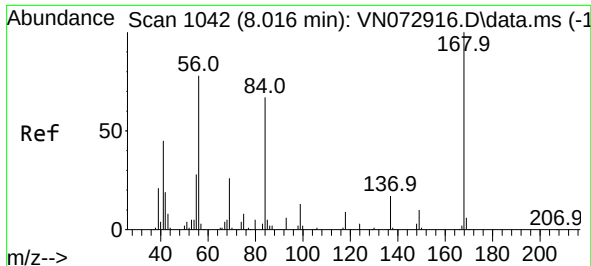
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
Data File : VN073104.D
Acq On : 25 Jun 2022 12:38
Operator : JC\MD
Sample : N3431-09
Misc : 5.13g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-3

Quant Time: Jun 27 03:36:39 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

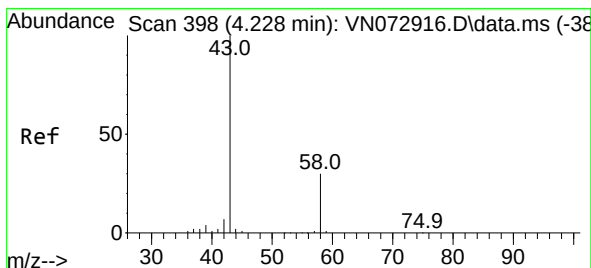
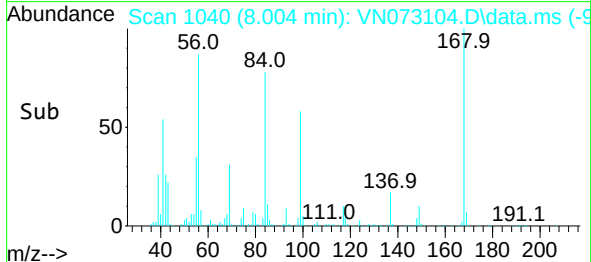
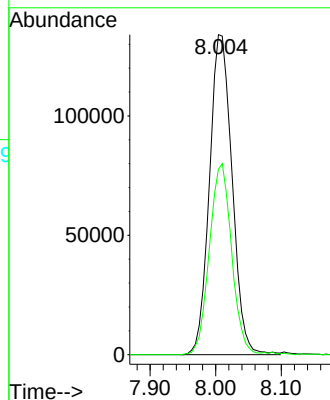
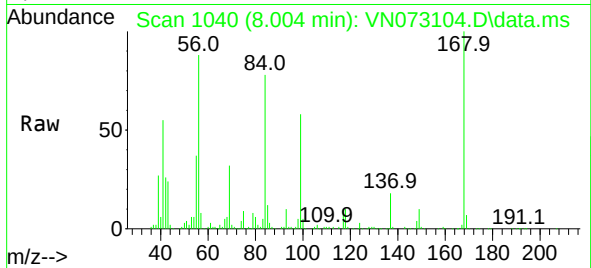




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.004 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN073104.D
Acq: 25 Jun 2022 12:38

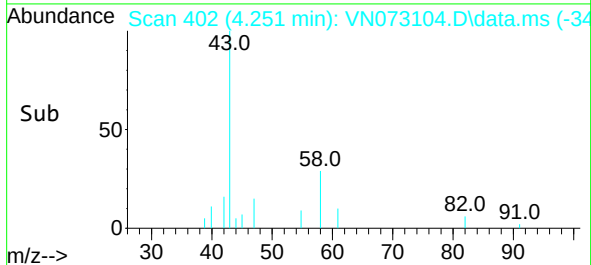
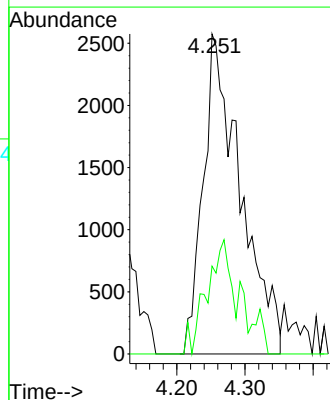
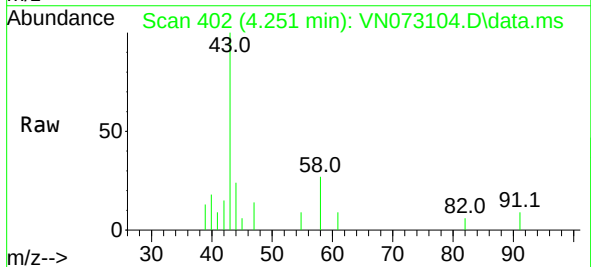
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-3

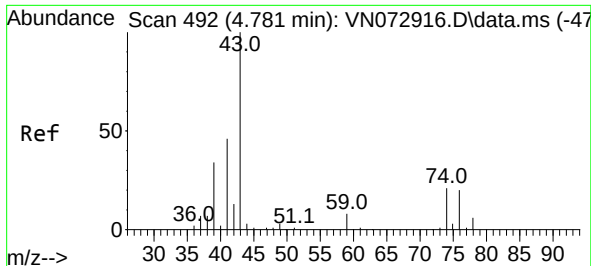
Tgt Ion:168 Resp: 321252
Ion Ratio Lower Upper
168 100
99 58.0 42.3 63.5



#16
Acetone
Concen: 4.117 ug/l
RT: 4.251 min Scan# 402
Delta R.T. 0.024 min
Lab File: VN073104.D
Acq: 25 Jun 2022 12:38

Tgt Ion: 43 Resp: 9830
Ion Ratio Lower Upper
43 100
58 27.5 26.0 39.0





#18

Methyl Acetate

Concen: 6.614 ug/l

RT: 4.775 min Scan# 491

Delta R.T. -0.006 min

Lab File: VN073104.D

Acq: 25 Jun 2022 12:38

Instrument :

MSVOA_N

ClientSampleId :

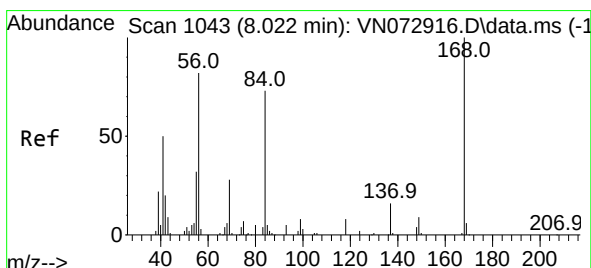
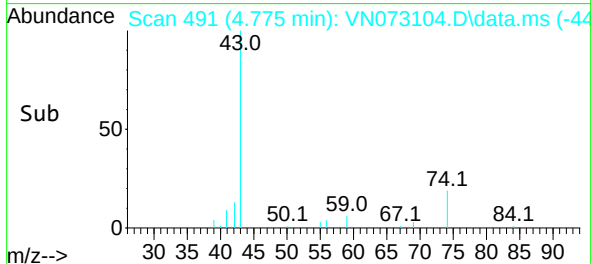
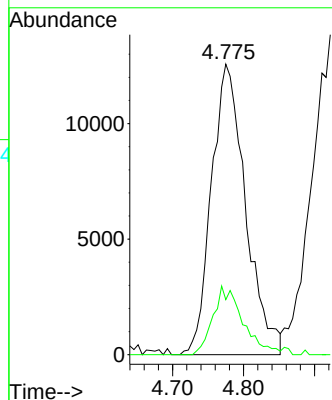
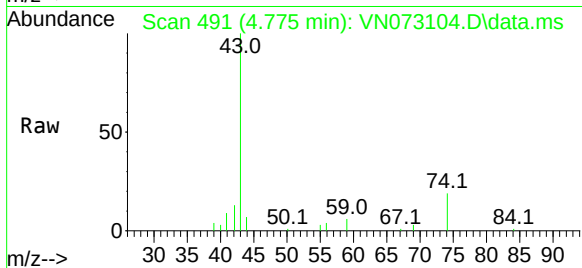
WC-14B-2-3

Tgt Ion: 43 Resp: 42052

Ion Ratio Lower Upper

43 100

74 20.6 21.6 32.4#



#31

Cyclohexane

Concen: 57.130 ug/l

RT: 8.004 min Scan# 1040

Delta R.T. -0.017 min

Lab File: VN073104.D

Acq: 25 Jun 2022 12:38

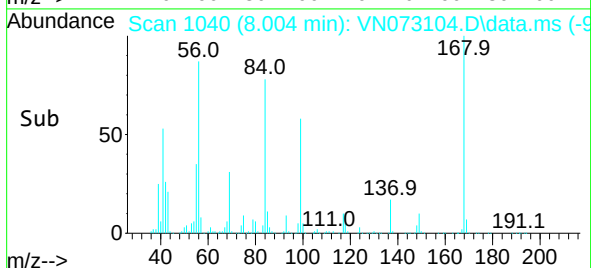
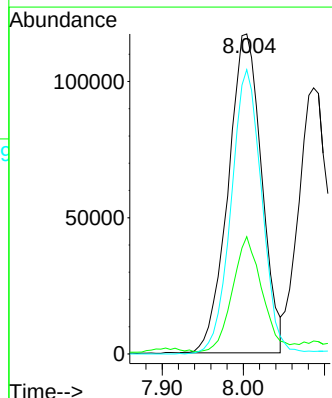
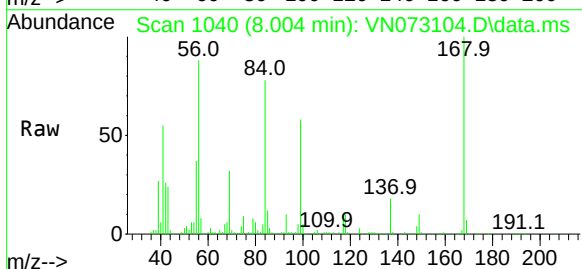
Tgt Ion: 56 Resp: 335643

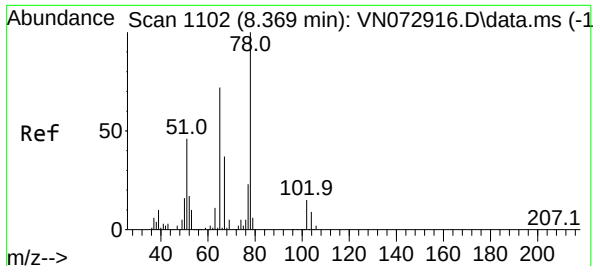
Ion Ratio Lower Upper

56 100

69 35.6 27.8 41.8

84 89.0 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 41.655 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN073104.D

Acq: 25 Jun 2022 12:38

Instrument :

MSVOA_N

ClientSampleId :

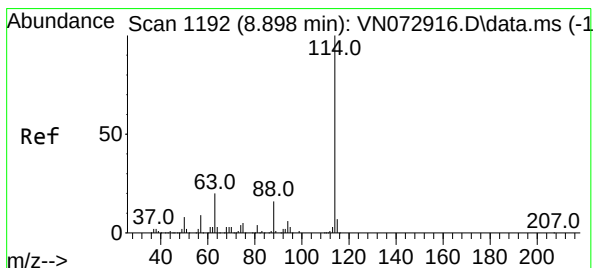
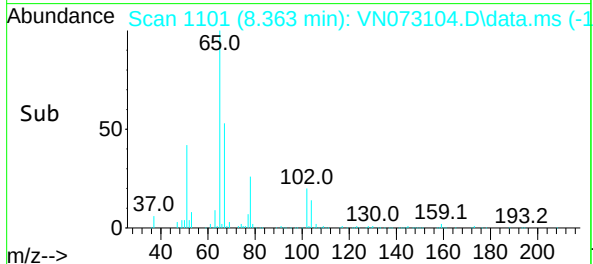
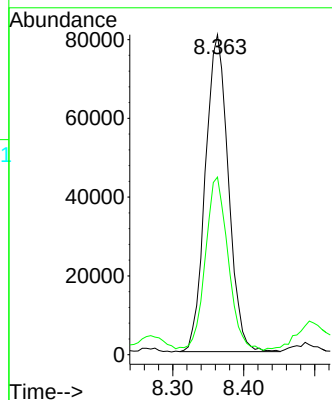
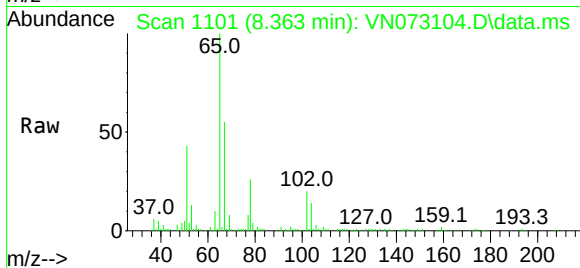
WC-14B-2-3

Tgt Ion: 65 Resp: 180917

Ion Ratio Lower Upper

65 100

67 53.9 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: VN073104.D

Acq: 25 Jun 2022 12:38

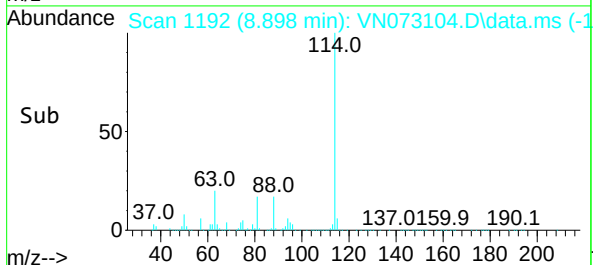
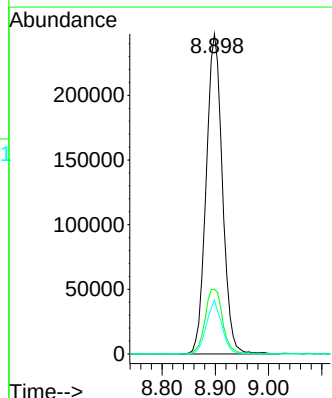
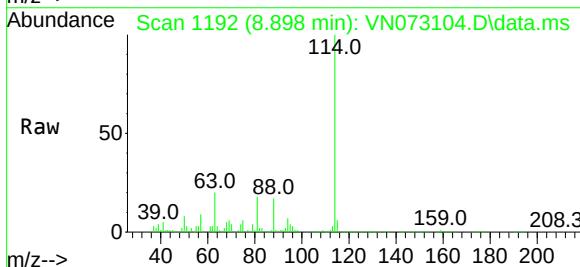
Tgt Ion: 114 Resp: 523248

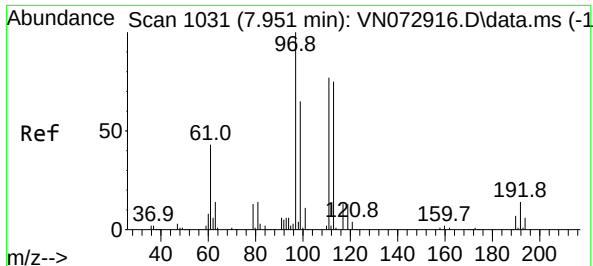
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

88 16.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.890 ug/l

RT: 7.945 min Scan# 113

Delta R.T. -0.006 min

Lab File: VN073104.D

Acq: 25 Jun 2022 12:38

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-2-3

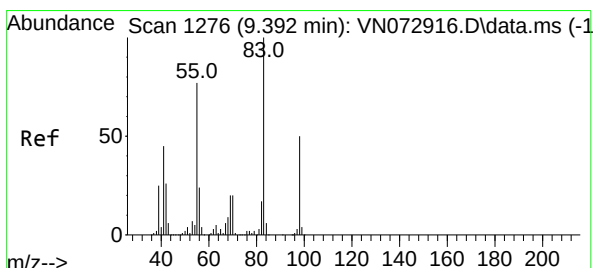
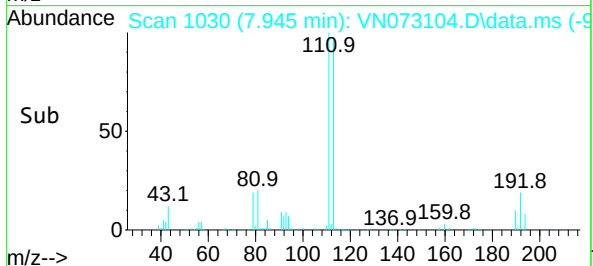
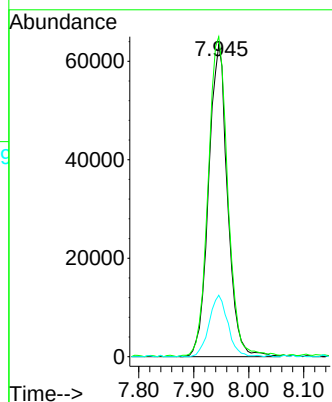
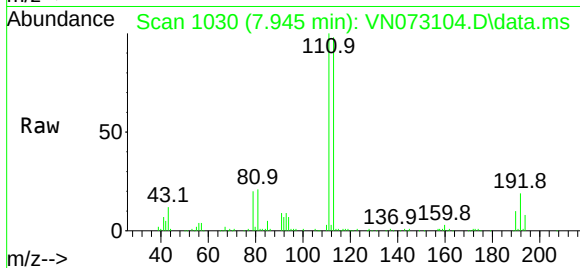
Tgt Ion:113 Resp: 151650

Ion Ratio Lower Upper

113 100

111 107.0 81.4 122.0

192 19.5 17.0 25.6



#39

Methylcyclohexane

Concen: 314.663 ug/l

RT: 9.386 min Scan# 1275

Delta R.T. -0.006 min

Lab File: VN073104.D

Acq: 25 Jun 2022 12:38

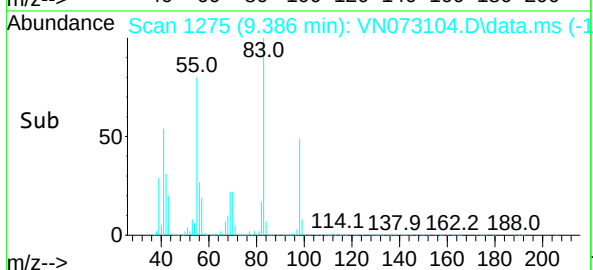
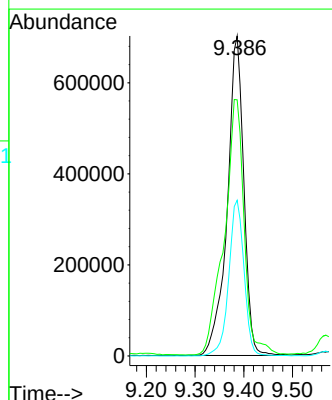
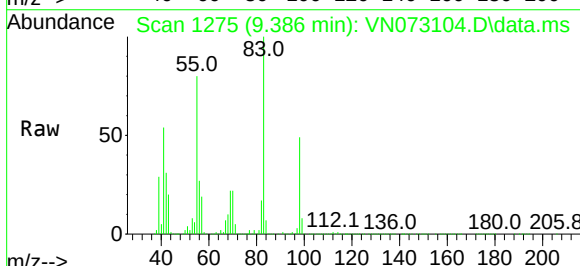
Tgt Ion: 83 Resp: 1659782

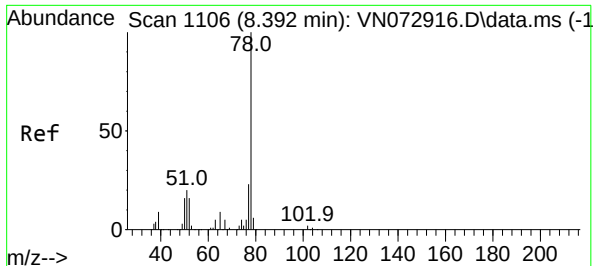
Ion Ratio Lower Upper

83 100

55 79.8 57.8 86.8

98 48.7 39.4 59.2

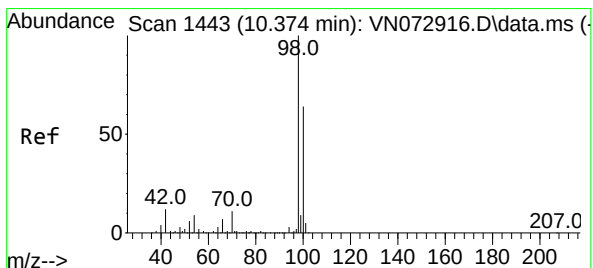
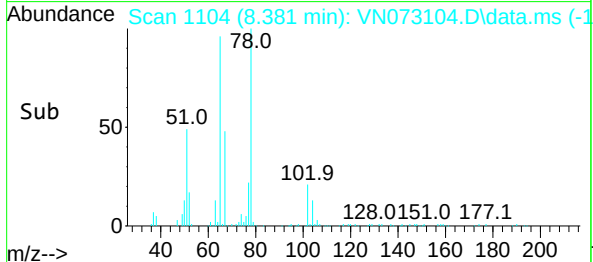
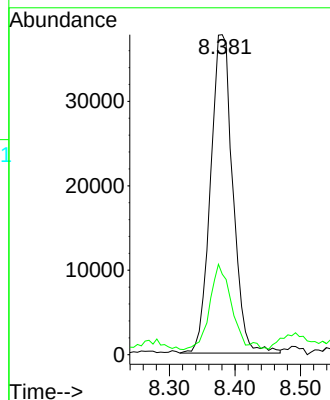
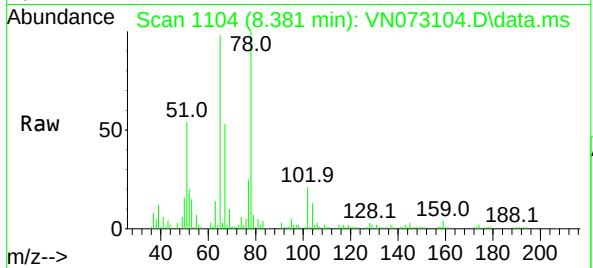




#40
Benzene
Concen: 6.473 ug/l
RT: 8.381 min Scan# 1104
Delta R.T. -0.012 min
Lab File: VN073104.D
Acq: 25 Jun 2022 12:38

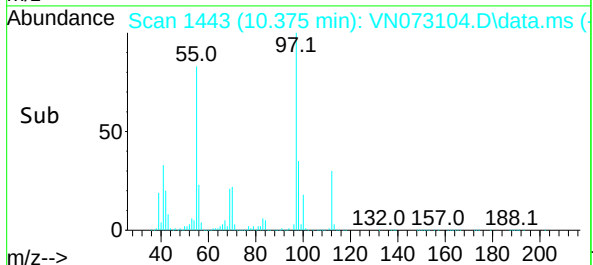
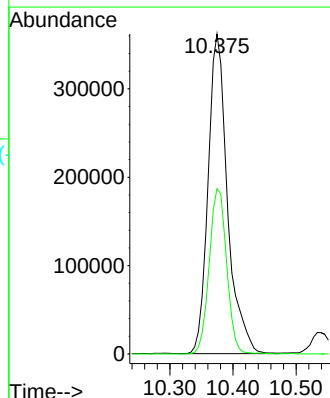
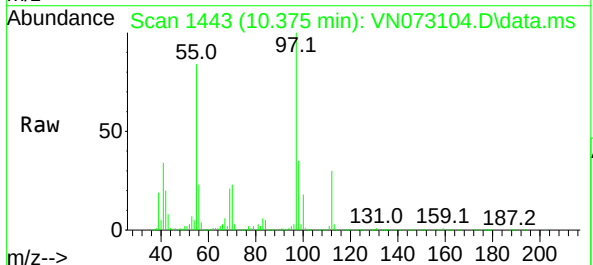
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-3

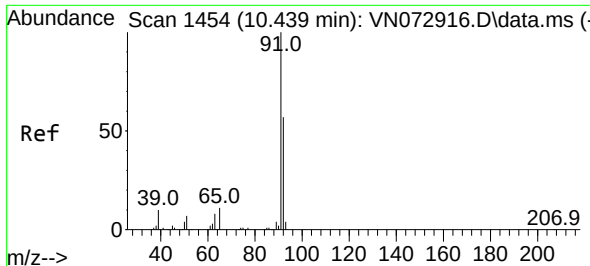
Tgt Ion: 78 Resp: 89020
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0



#50
Toluene-d8
Concen: 64.106 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073104.D
Acq: 25 Jun 2022 12:38

Tgt Ion: 98 Resp: 771472
Ion Ratio Lower Upper
98 100
100 46.5 52.6 78.8#

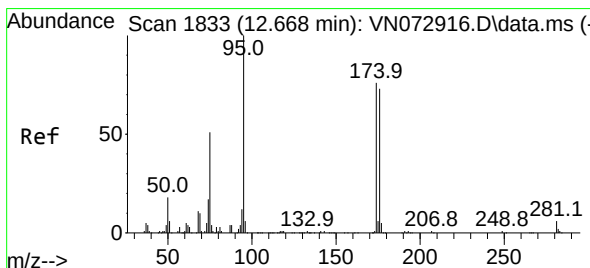
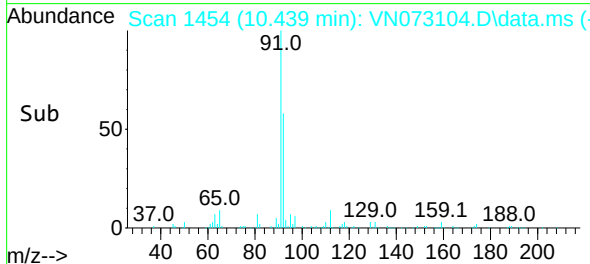
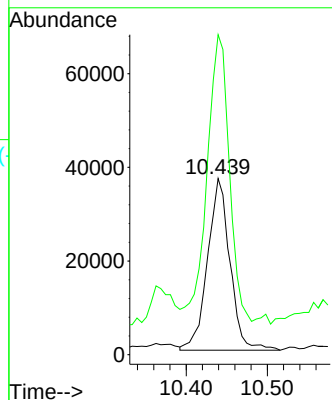
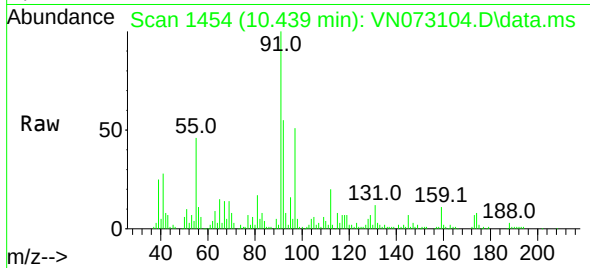




#52
Toluene
Concen: 8.311 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073104.D
Acq: 25 Jun 2022 12:38

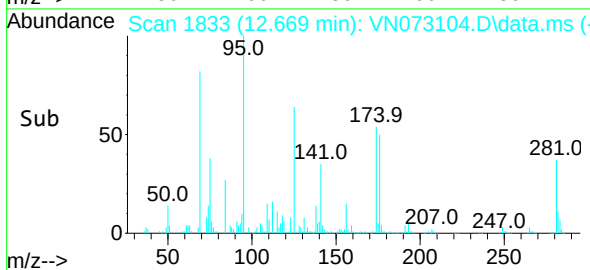
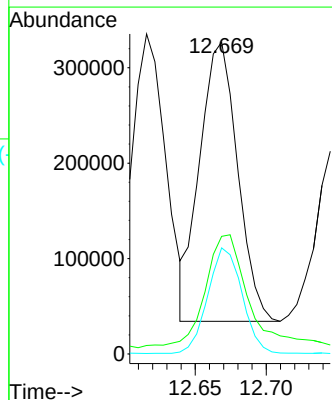
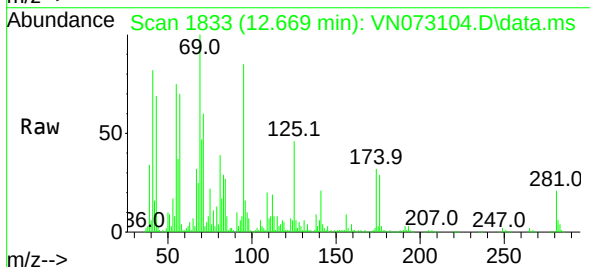
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-3

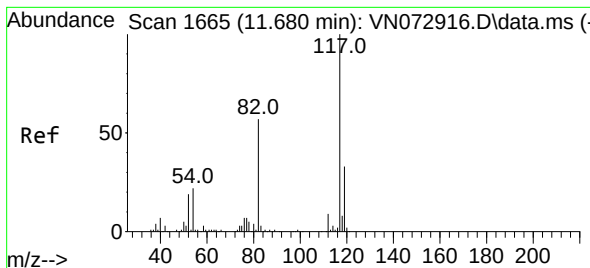
Tgt Ion: 92 Resp: 70172
Ion Ratio Lower Upper
92 100
91 166.5 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 125.523 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073104.D
Acq: 25 Jun 2022 12:38

Tgt Ion: 95 Resp: 543185
Ion Ratio Lower Upper
95 100
174 55.0 0.0 167.6
176 34.3 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073104.D

Acq: 25 Jun 2022 12:38

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-2-3

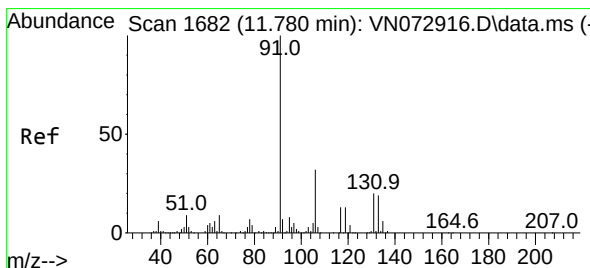
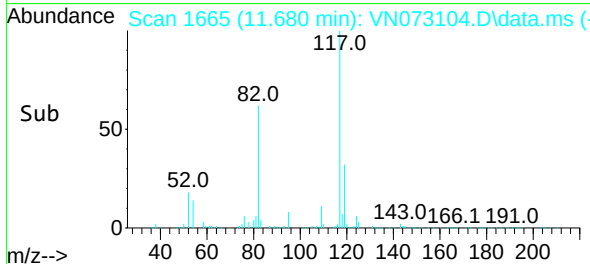
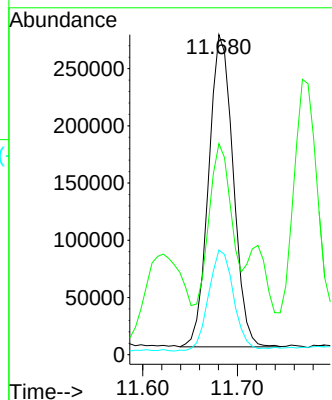
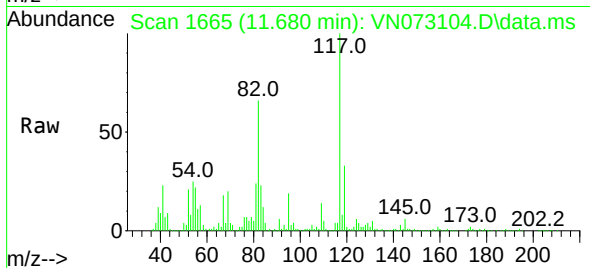
Tgt Ion:117 Resp: 491816

Ion Ratio Lower Upper

117 100

82 54.2 44.2 66.2

119 32.1 25.4 38.0



#67

Ethyl Benzene

Concen: 5.844 ug/l

RT: 11.786 min Scan# 1683

Delta R.T. 0.006 min

Lab File: VN073104.D

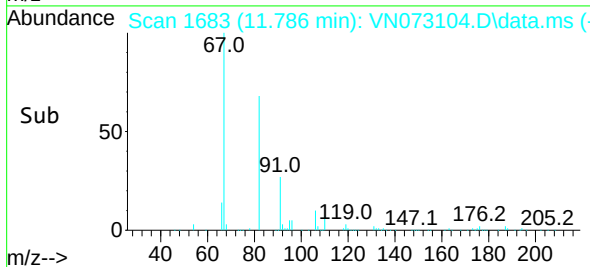
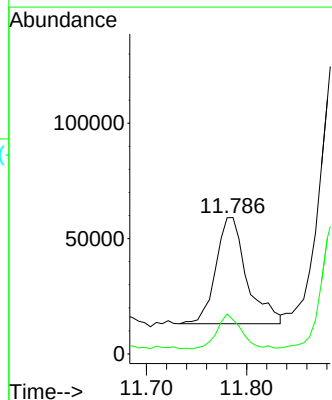
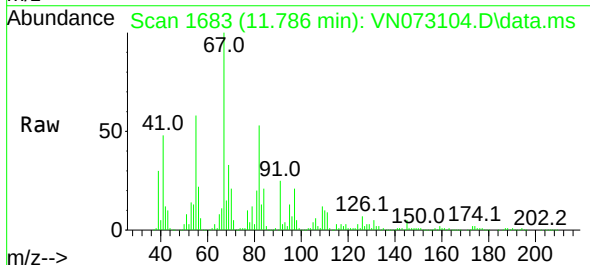
Acq: 25 Jun 2022 12:38

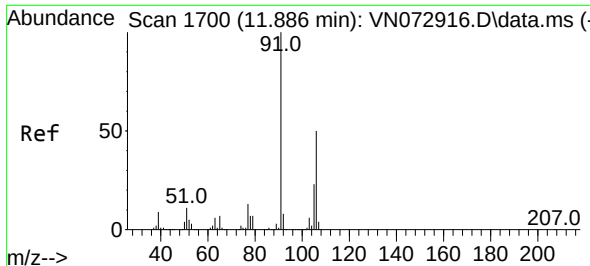
Tgt Ion: 91 Resp: 98809

Ion Ratio Lower Upper

91 100

106 27.3 24.9 37.3

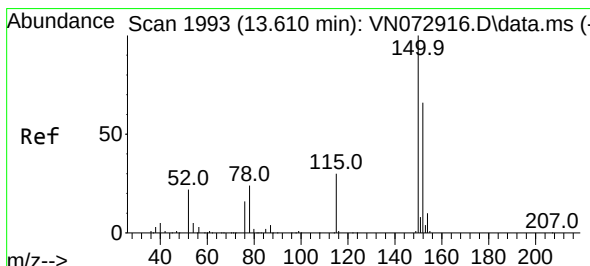
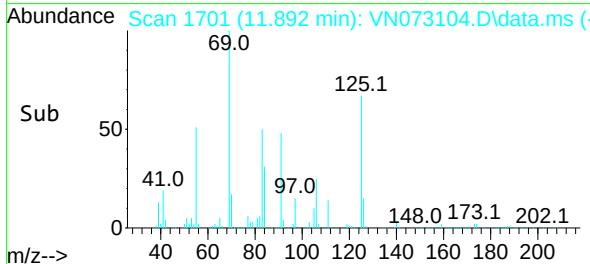
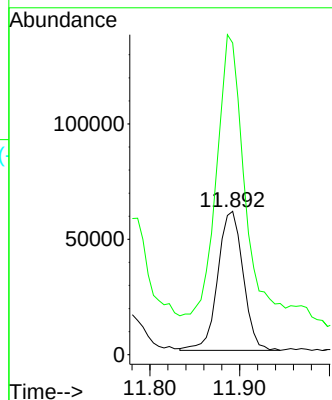
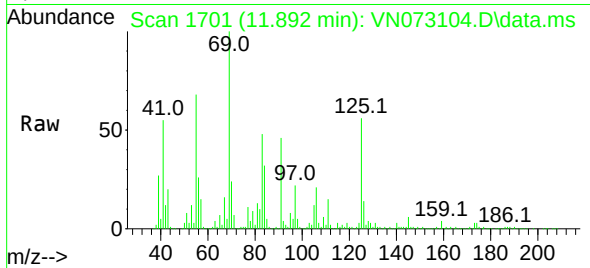




#68
m/p-Xylenes
Concen: 17.848 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN073104.D
Acq: 25 Jun 2022 12:38

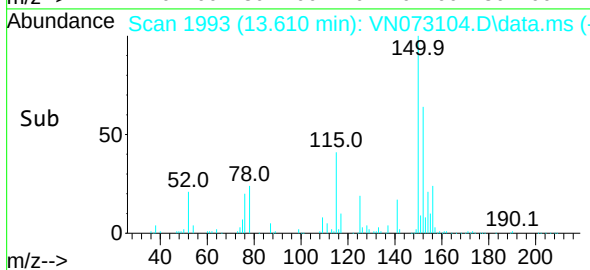
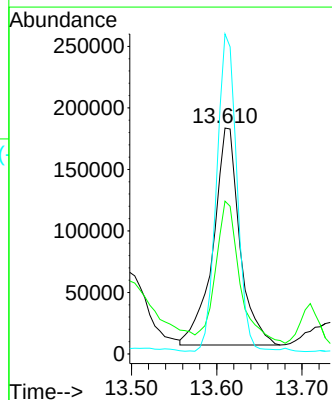
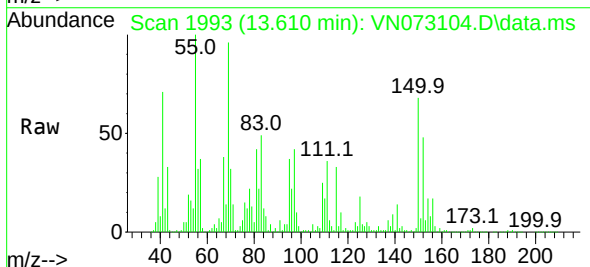
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-3

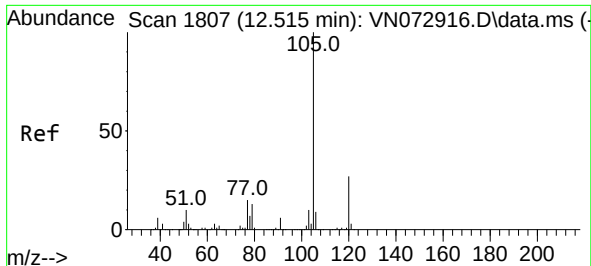
Tgt Ion:106 Resp: 118360
Ion Ratio Lower Upper
106 100
91 212.6 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073104.D
Acq: 25 Jun 2022 12:38

Tgt Ion:152 Resp: 384406
Ion Ratio Lower Upper
152 100
115 59.3 28.9 86.7
150 110.8 0.0 356.2

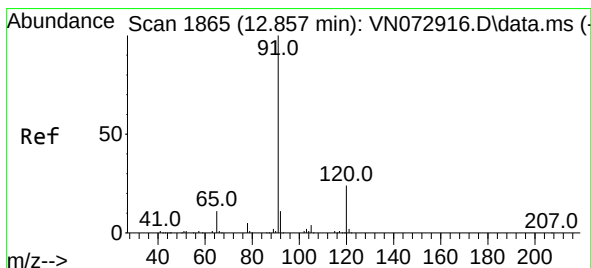
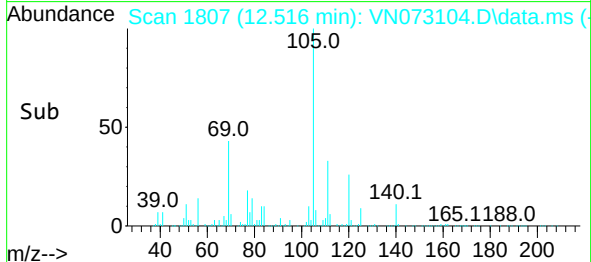
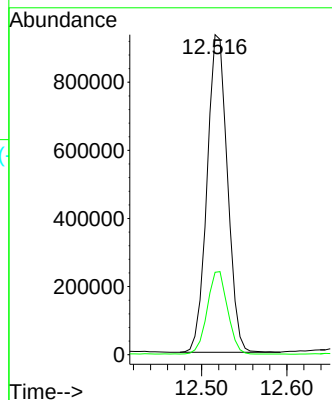
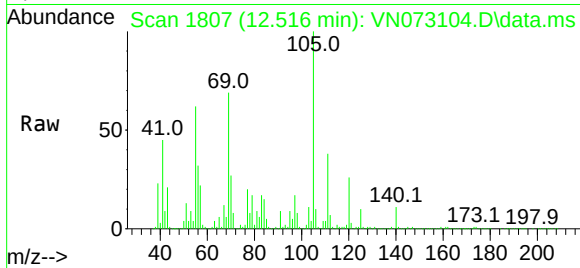




#73
Isopropylbenzene
Concen: 52.042 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN073104.D
Acq: 25 Jun 2022 12:38

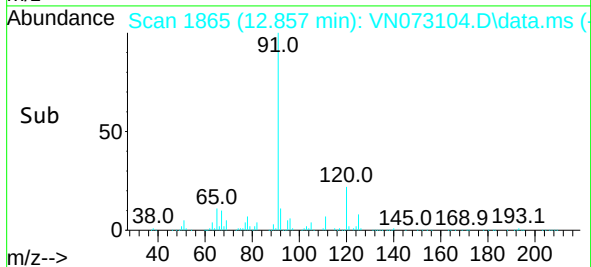
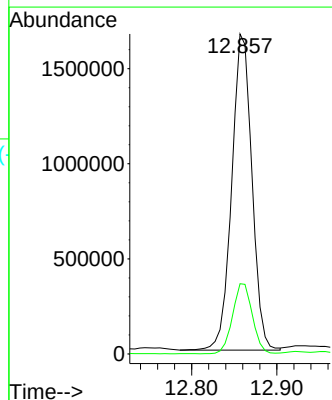
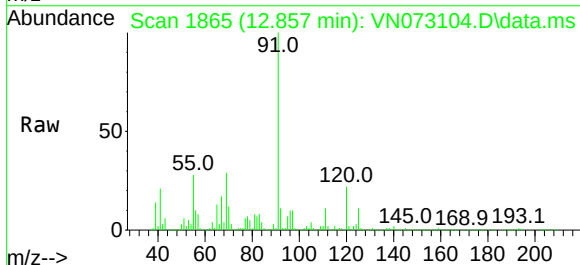
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-3

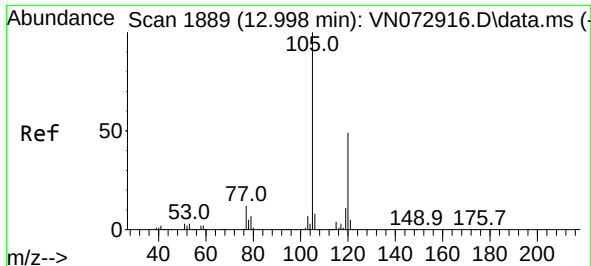
Tgt Ion:105 Resp: 1547668
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4



#78
n-propylbenzene
Concen: 83.899 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073104.D
Acq: 25 Jun 2022 12:38

Tgt Ion: 91 Resp: 2744429
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.5

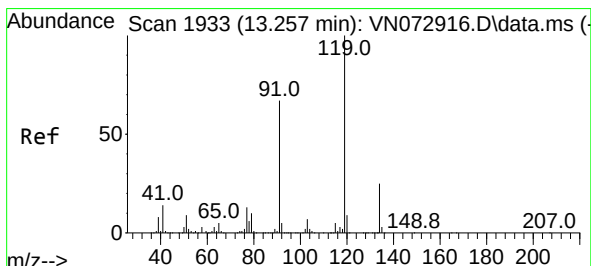
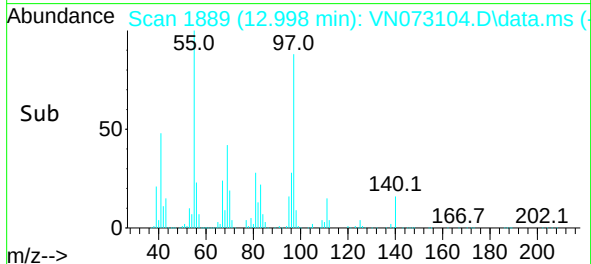
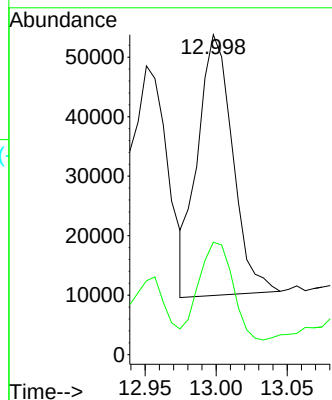
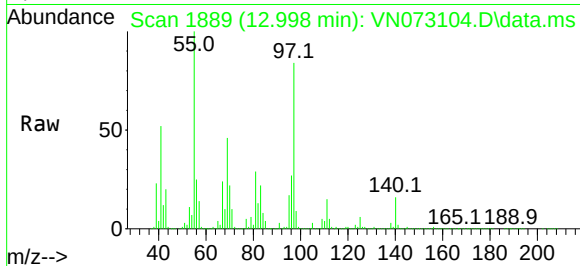




#80
1,3,5-Trimethylbenzene
Concen: 3.081 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073104.D
Acq: 25 Jun 2022 12:38

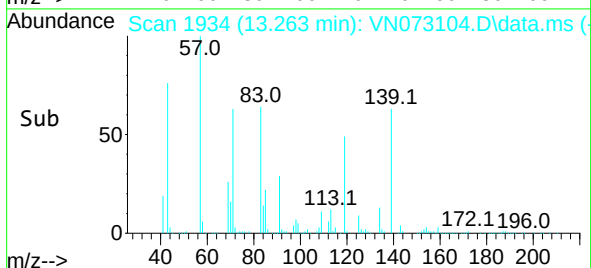
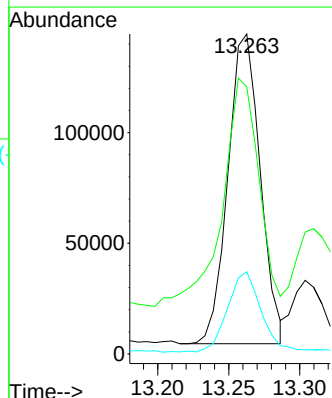
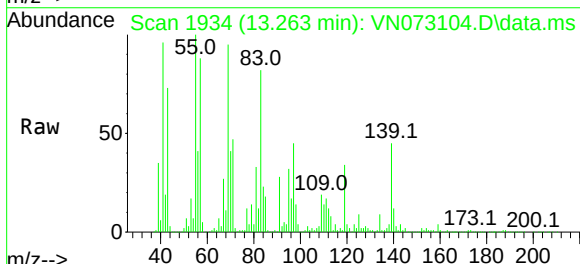
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-3

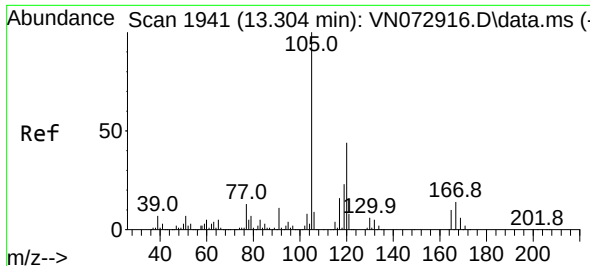
Tgt Ion:105 Resp: 75263
Ion Ratio Lower Upper
105 100
120 36.1 24.9 74.7



#83
tert-Butylbenzene
Concen: 9.877 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.006 min
Lab File: VN073104.D
Acq: 25 Jun 2022 12:38

Tgt Ion:119 Resp: 220969
Ion Ratio Lower Upper
119 100
91 83.1 31.6 94.8
134 26.9 13.7 41.1

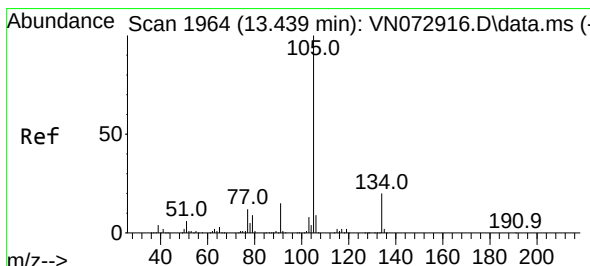
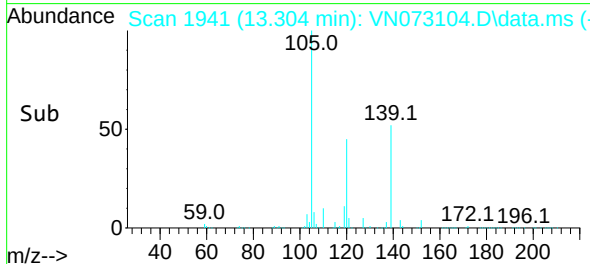
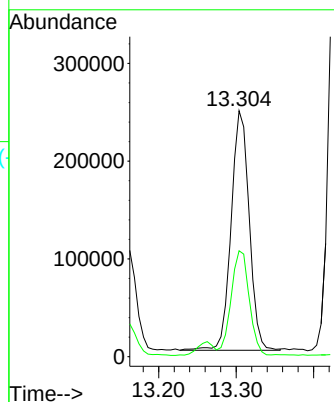
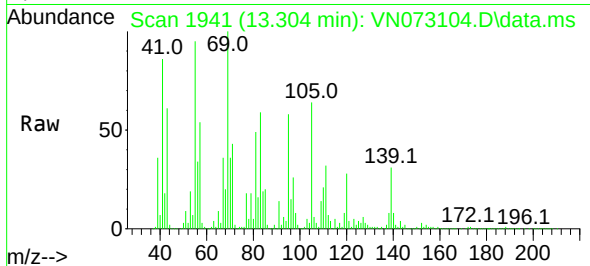




#84
1,2,4-Trimethylbenzene
Concen: 16.344 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073104.D
Acq: 25 Jun 2022 12:38

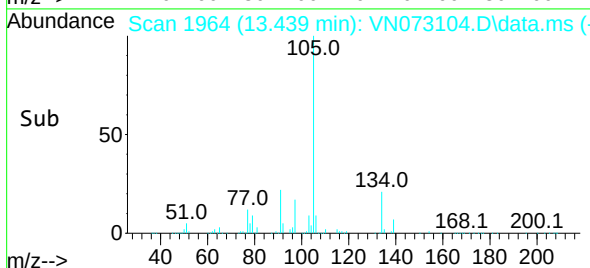
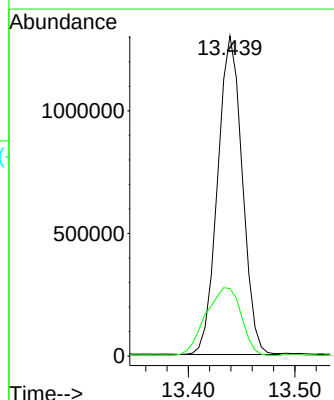
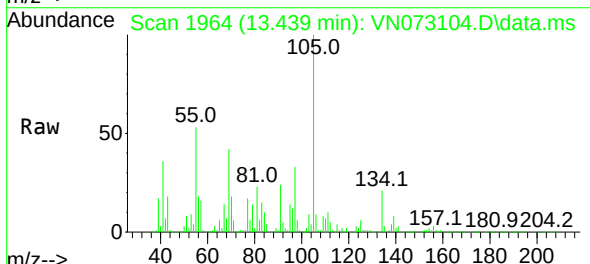
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-3

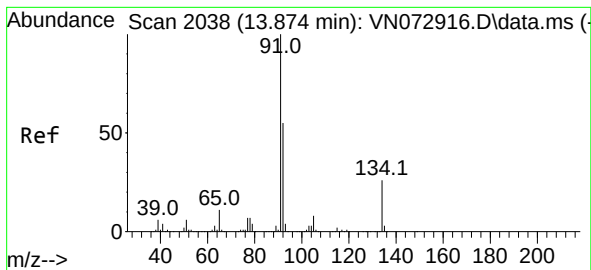
Tgt Ion:105 Resp: 397652
Ion Ratio Lower Upper
105 100
120 43.3 23.3 69.8



#85
sec-Butylbenzene
Concen: 70.056 ug/l
RT: 13.439 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VN073104.D
Acq: 25 Jun 2022 12:38

Tgt Ion:105 Resp: 2090772
Ion Ratio Lower Upper
105 100
134 30.8 10.4 31.1





#89

n-Butylbenzene

Concen: 76.249 ug/l

RT: 13.880 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN073104.D

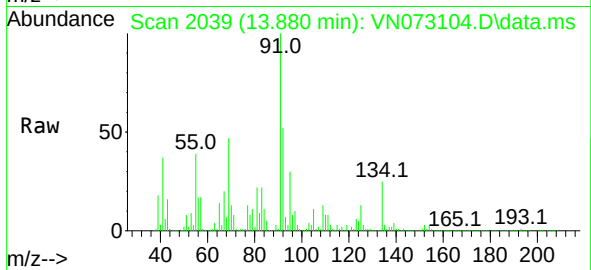
Acq: 25 Jun 2022 12:38

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-2-3



Tgt Ion: 91 Resp: 1504380

Ion Ratio Lower Upper

91 100

92 48.5 26.9 80.7

134 38.6 13.6 40.8

