

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073103.D
 Acq On : 25 Jun 2022 12:14
 Operator : JC\MD
 Sample : N3431-03
 Misc : 4.20g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jun 27 03:36:00 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)

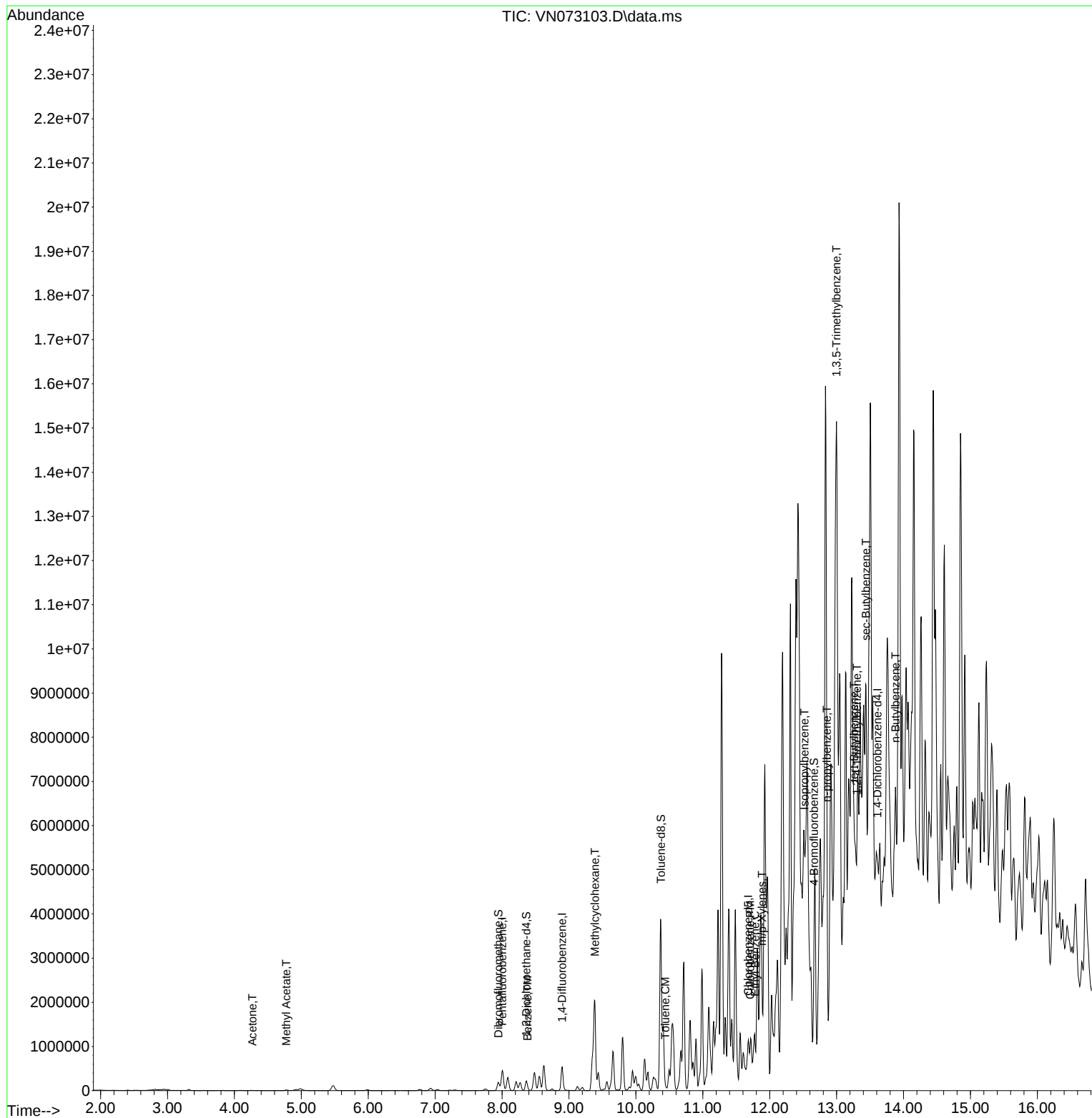
Internal Standards						
1) Pentafluorobenzene	8.004	168	283364	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.898	114	464741	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	432517	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	360683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	168463	43.974	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.940%
35) Dibromofluoromethane	7.945	113	139779	48.661	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.320%
50) Toluene-d8	10.375	98	645781	60.417	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	120.840%#
62) 4-Bromofluorobenzene	12.663	95	511806	133.161	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	266.320%#
Target Compounds						
					Qvalue	
16) Acetone	4.269	43	8542	4.056	ug/l #	85
18) Methyl Acetate	4.775	43	32005	5.707	ug/l #	89
39) Methylcyclohexane	9.386	83	883834	188.652	ug/l	92
40) Benzene	8.381	78	24259	1.986	ug/l	96
52) Toluene	10.439	92	24426	3.257	ug/l	97
65) Chlorobenzene	11.710	112	10409	1.232	ug/l #	76
67) Ethyl Benzene	11.780	91	35996	2.421	ug/l	98
68) m/p-Xylenes	11.886	106	48524	8.320	ug/l #	62
73) Isopropylbenzene	12.521	105	731863	26.228	ug/l	98
78) n-propylbenzene	12.857	91	833052	27.142	ug/l	93
80) 1,3,5-Trimethylbenzene	12.998	105	130123	5.677	ug/l	93
83) tert-Butylbenzene	13.263	119	171227	8.157	ug/l	76
84) 1,2,4-Trimethylbenzene	13.304	105	496818	21.763	ug/l	97
85) sec-Butylbenzene	13.439	105	1322782	47.238	ug/l #	77
89) n-Butylbenzene	13.880	91	861286	46.525	ug/l #	76

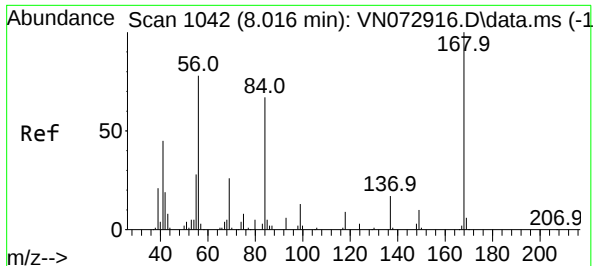
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
Data File : VN073103.D
Acq On : 25 Jun 2022 12:14
Operator : JC\MD
Sample : N3431-03
Misc : 4.20g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jun 27 03:36:00 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

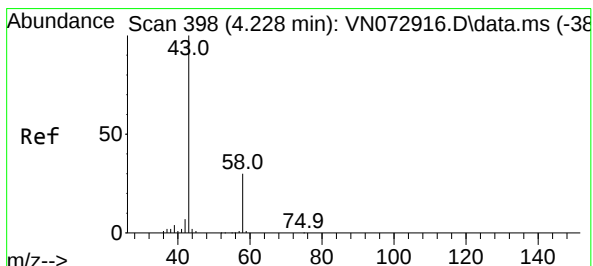
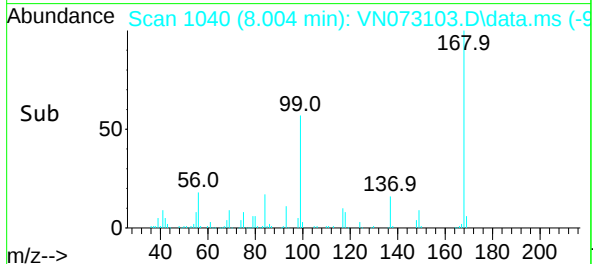
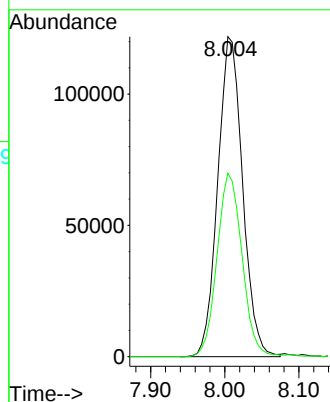
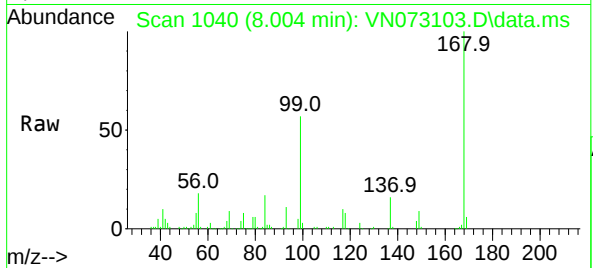




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.004 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN073103.D
Acq: 25 Jun 2022 12:14

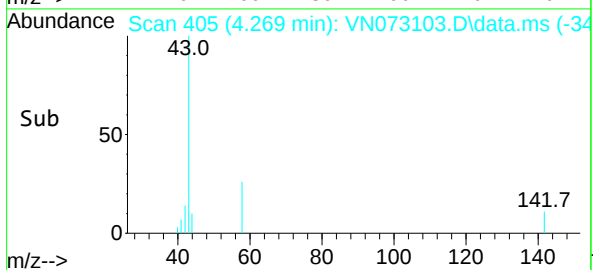
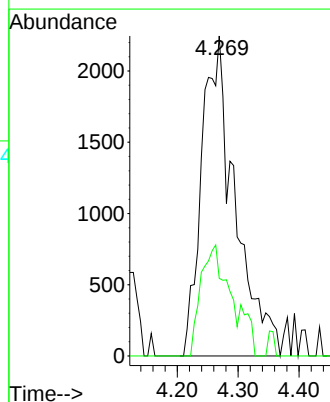
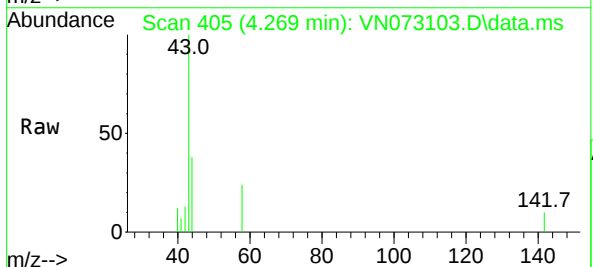
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2

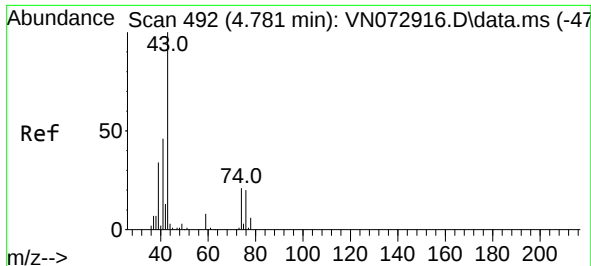
Tgt Ion:168 Resp: 283364
Ion Ratio Lower Upper
168 100
99 57.3 42.3 63.5



#16
Acetone
Concen: 4.056 ug/l
RT: 4.269 min Scan# 405
Delta R.T. 0.041 min
Lab File: VN073103.D
Acq: 25 Jun 2022 12:14

Tgt Ion: 43 Resp: 8542
Ion Ratio Lower Upper
43 100
58 24.3 26.0 39.0#

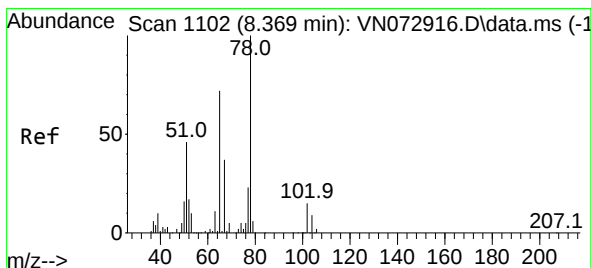
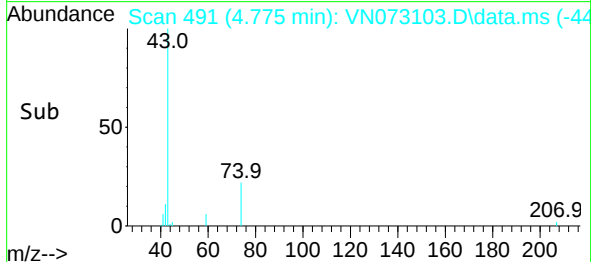
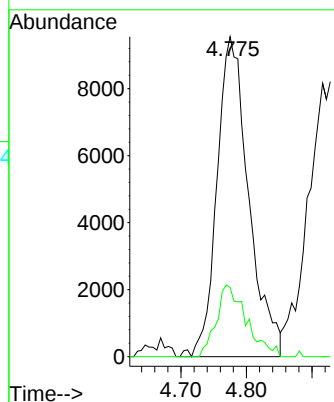
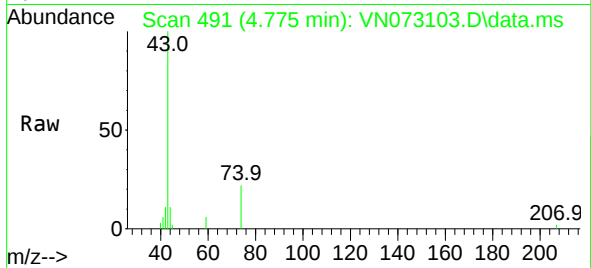




#18
Methyl Acetate
Concen: 5.707 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073103.D
Acq: 25 Jun 2022 12:14

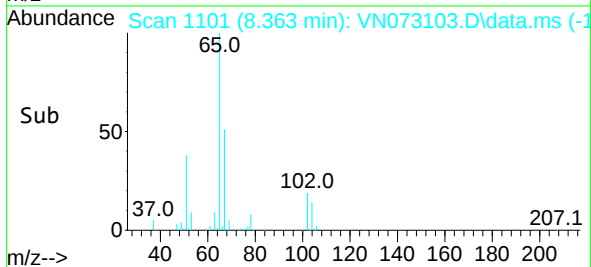
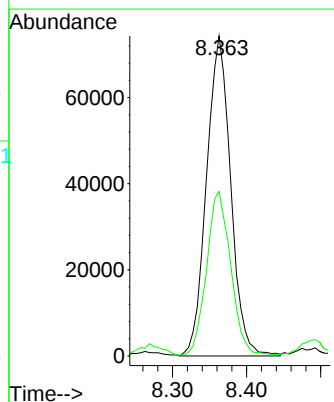
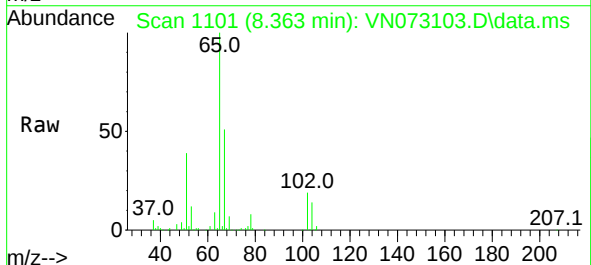
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2

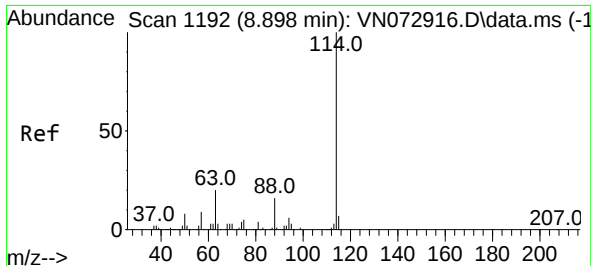
Tgt Ion: 43 Resp: 32005
Ion Ratio Lower Upper
43 100
74 21.2 21.6 32.4#



#33
1,2-Dichloroethane-d4
Concen: 43.974 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073103.D
Acq: 25 Jun 2022 12:14

Tgt Ion: 65 Resp: 168463
Ion Ratio Lower Upper
65 100
67 50.8 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: VN073103.D

Acq: 25 Jun 2022 12:14

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-2-2

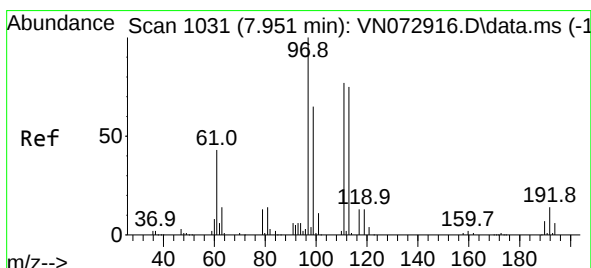
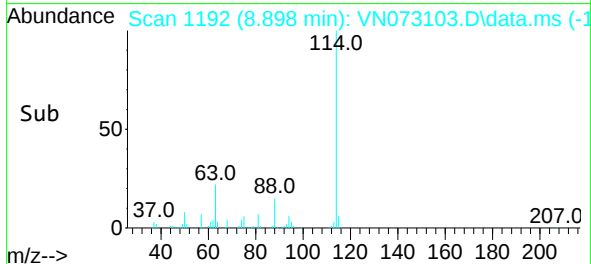
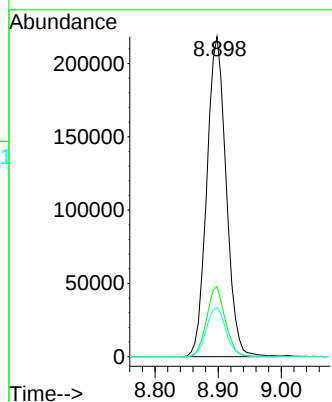
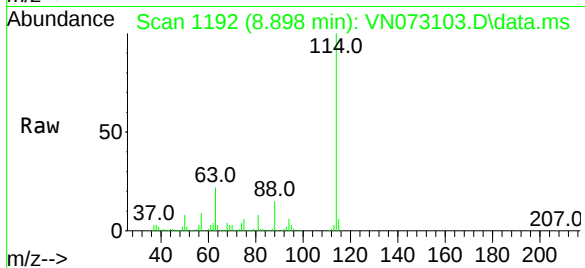
Tgt Ion:114 Resp: 464741

Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.0

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.661 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073103.D

Acq: 25 Jun 2022 12:14

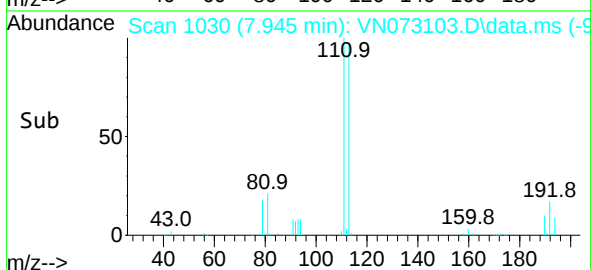
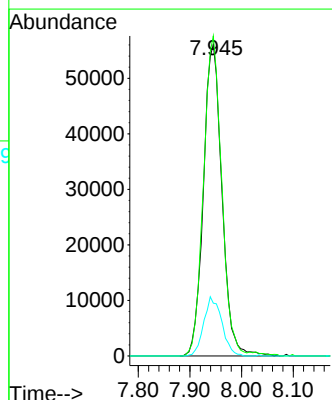
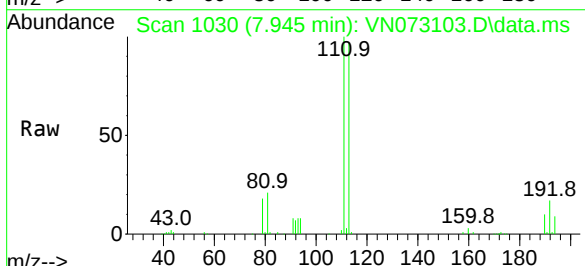
Tgt Ion:113 Resp: 139779

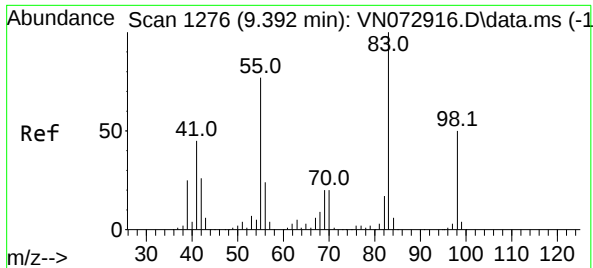
Ion Ratio Lower Upper

113 100

111 100.4 81.4 122.0

192 18.5 17.0 25.6





#39

Methylcyclohexane

Concen: 188.652 ug/l

RT: 9.386 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VN073103.D

Acq: 25 Jun 2022 12:14

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-2-2

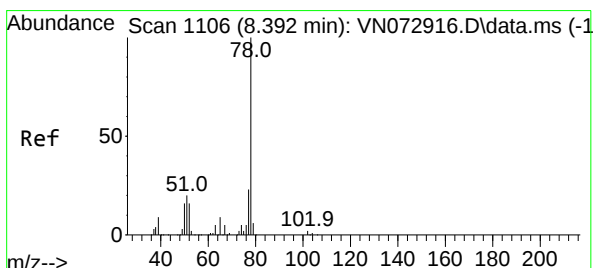
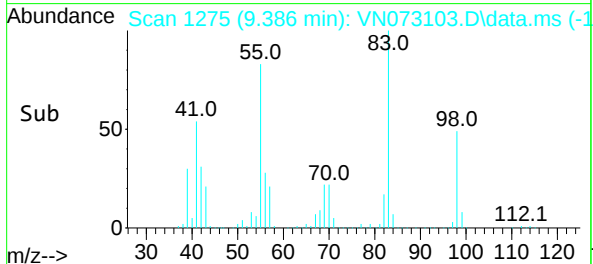
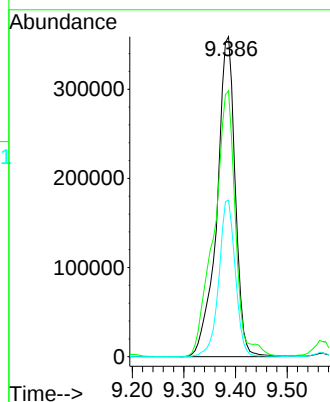
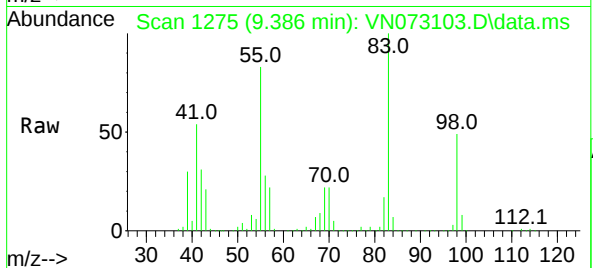
Tgt Ion: 83 Resp: 883834

Ion Ratio Lower Upper

83 100

55 83.1 57.8 86.8

98 48.9 39.4 59.2



#40

Benzene

Concen: 1.986 ug/l

RT: 8.381 min Scan# 1104

Delta R.T. -0.012 min

Lab File: VN073103.D

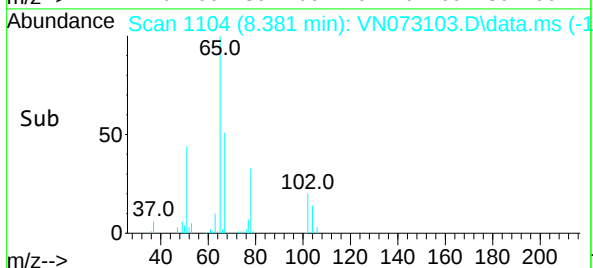
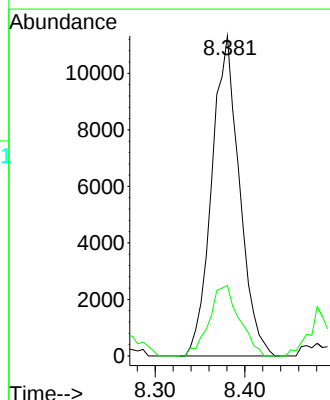
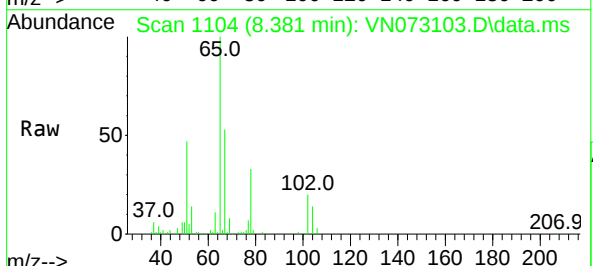
Acq: 25 Jun 2022 12:14

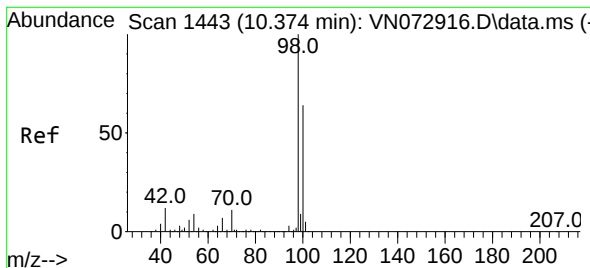
Tgt Ion: 78 Resp: 24259

Ion Ratio Lower Upper

78 100

77 22.0 19.4 29.0





#50

Toluene-d8

Concen: 60.417 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN073103.D

Acq: 25 Jun 2022 12:14

Instrument :

MSVOA_N

ClientSampleId :

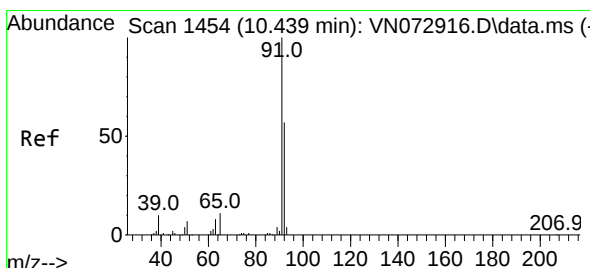
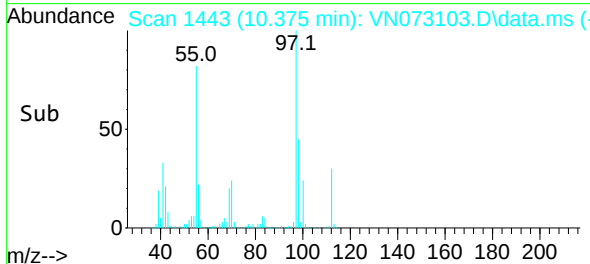
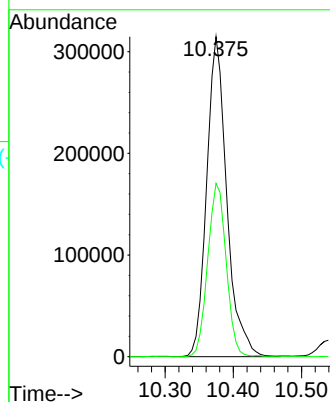
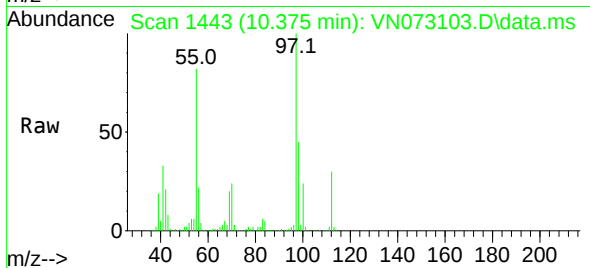
WC-14B-2-2

Tgt Ion: 98 Resp: 645781

Ion Ratio Lower Upper

98 100

100 49.8 52.6 78.8#



#52

Toluene

Concen: 3.257 ug/l

RT: 10.439 min Scan# 1454

Delta R.T. 0.000 min

Lab File: VN073103.D

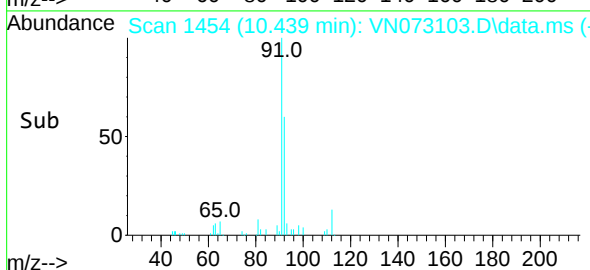
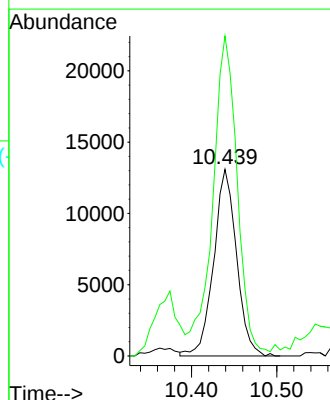
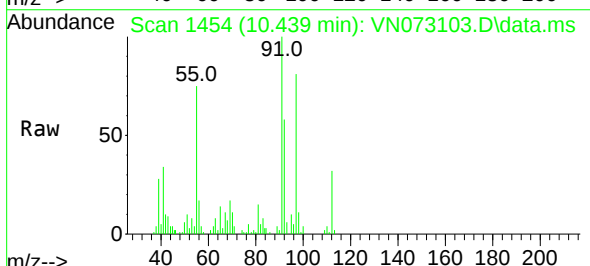
Acq: 25 Jun 2022 12:14

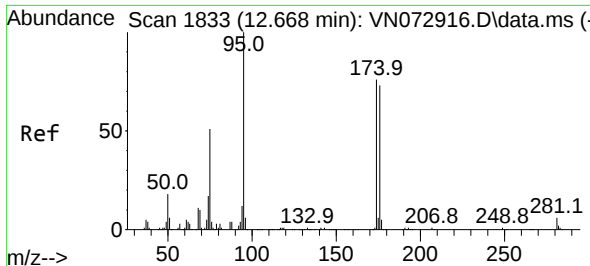
Tgt Ion: 92 Resp: 24426

Ion Ratio Lower Upper

92 100

91 177.7 138.6 207.8

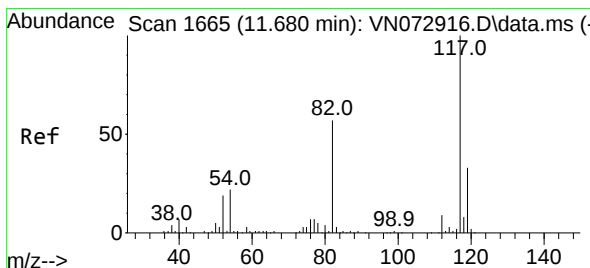
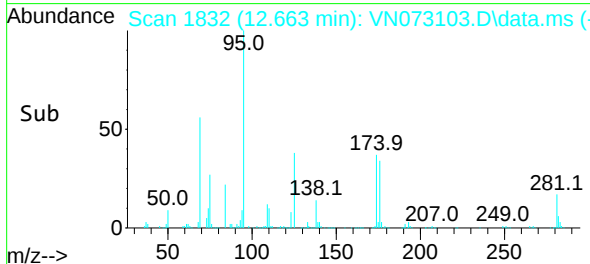
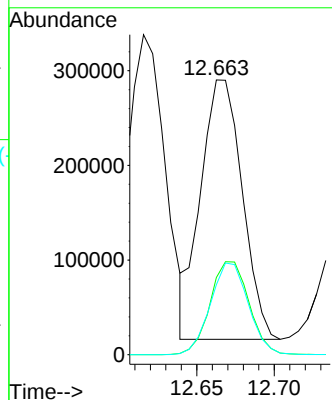
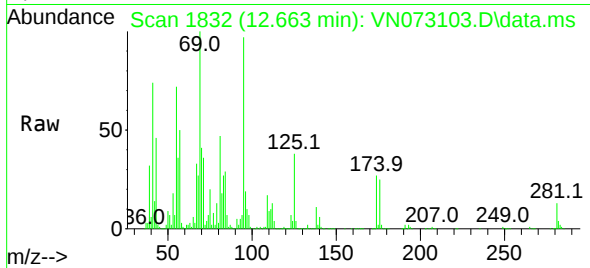




#62
4-Bromofluorobenzene
Concen: 133.161 ug/l
RT: 12.663 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073103.D
Acq: 25 Jun 2022 12:14

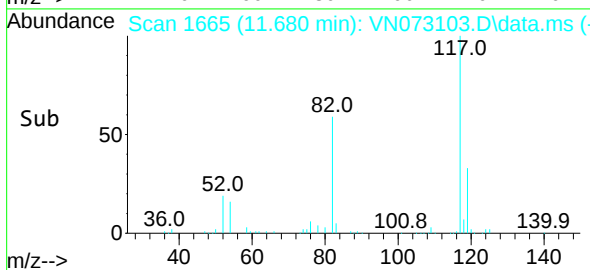
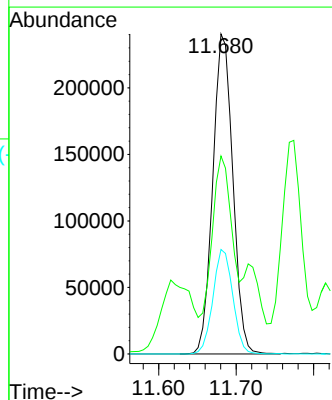
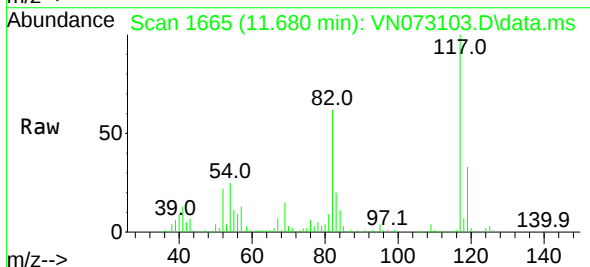
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2

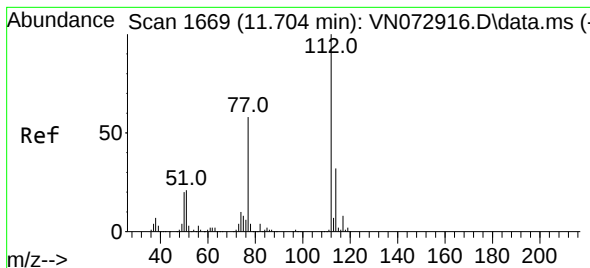
Tgt Ion: 95 Resp: 511806
Ion Ratio Lower Upper
95 100
174 33.7 0.0 167.6
176 32.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073103.D
Acq: 25 Jun 2022 12:14

Tgt Ion: 117 Resp: 432517
Ion Ratio Lower Upper
117 100
82 41.1 44.2 66.2#
119 32.6 25.4 38.0





#65

Chlorobenzene

Concen: 1.232 ug/l

RT: 11.710 min Scan# 1670

Delta R.T. 0.006 min

Lab File: VN073103.D

Acq: 25 Jun 2022 12:14

Instrument :

MSVOA_N

ClientSampleId :

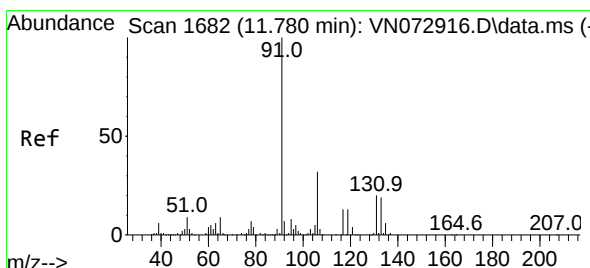
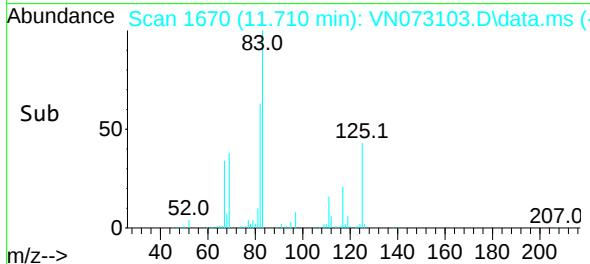
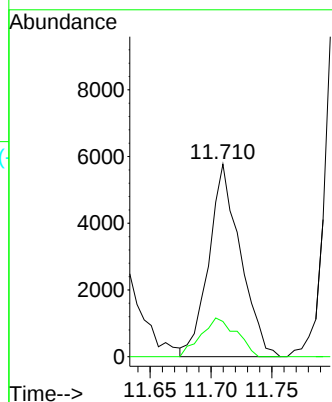
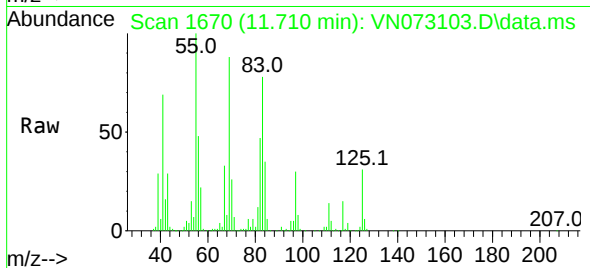
WC-14B-2-2

Tgt Ion:112 Resp: 10409

Ion Ratio Lower Upper

112 100

114 18.3 25.4 38.2#



#67

Ethyl Benzene

Concen: 2.421 ug/l

RT: 11.780 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VN073103.D

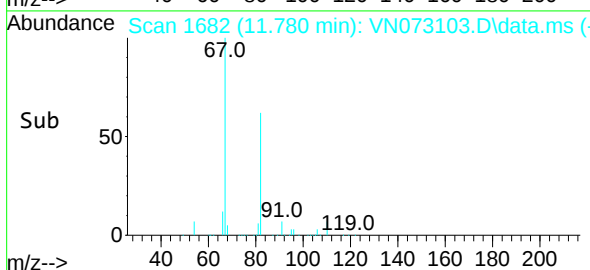
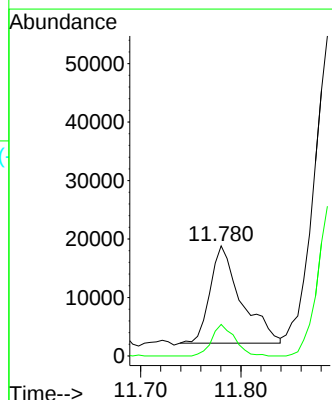
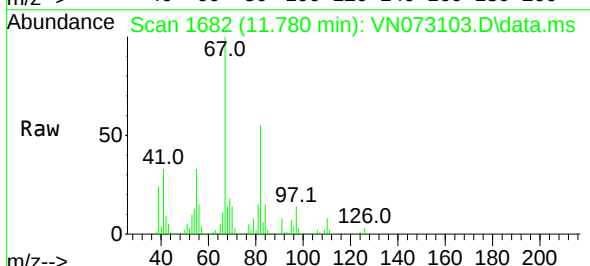
Acq: 25 Jun 2022 12:14

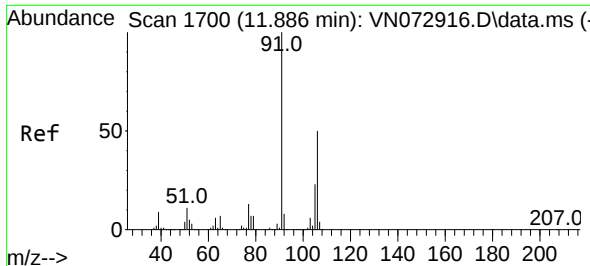
Tgt Ion: 91 Resp: 35996

Ion Ratio Lower Upper

91 100

106 32.3 24.9 37.3

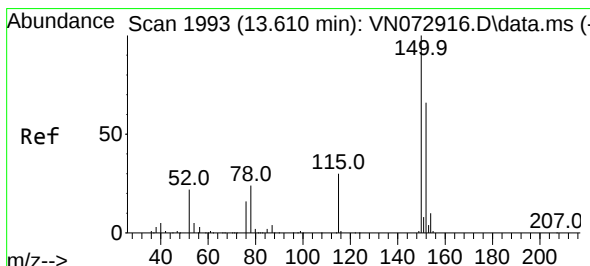
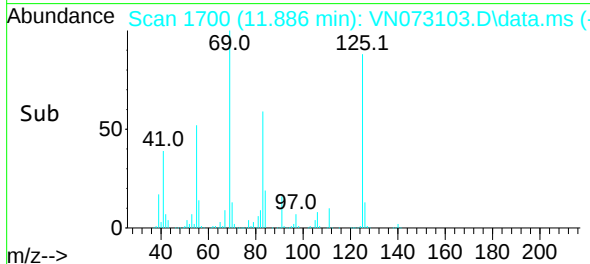
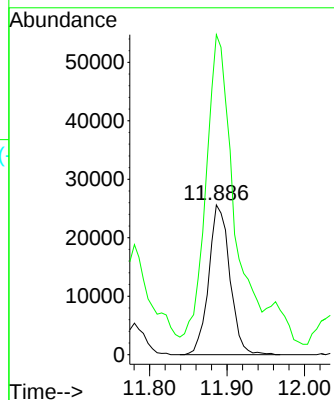
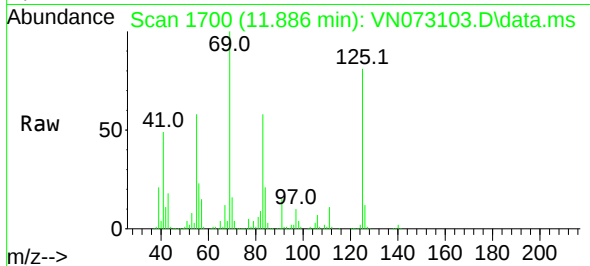




#68
m/p-Xylenes
Concen: 8.320 ug/l
RT: 11.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073103.D
Acq: 25 Jun 2022 12:14

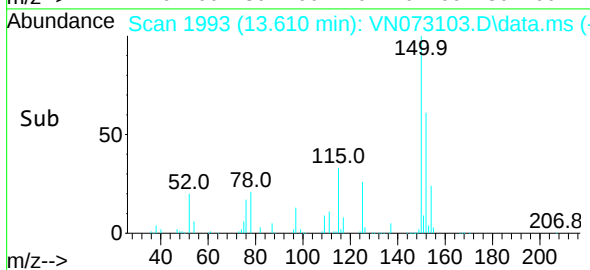
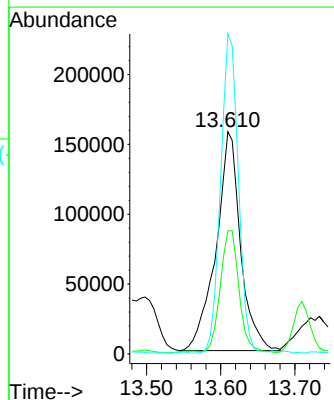
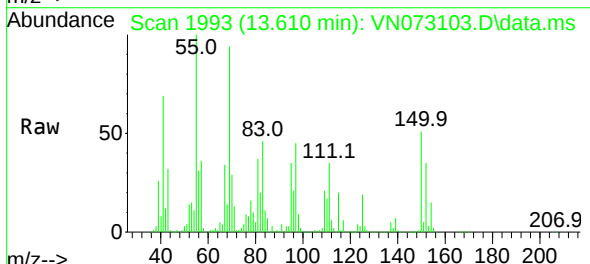
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2

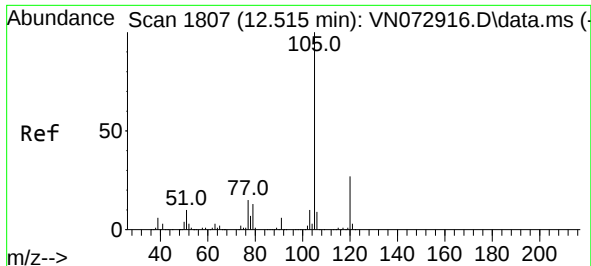
Tgt Ion:106 Resp: 48524
Ion Ratio Lower Upper
106 100
91 255.5 158.9 238.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073103.D
Acq: 25 Jun 2022 12:14

Tgt Ion:152 Resp: 360683
Ion Ratio Lower Upper
152 100
115 42.3 28.9 86.7
150 105.1 0.0 356.2

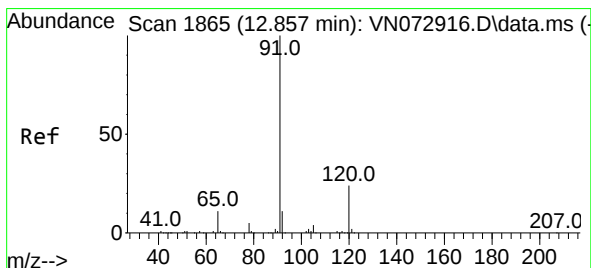
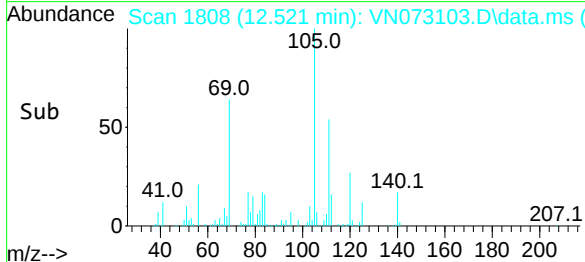
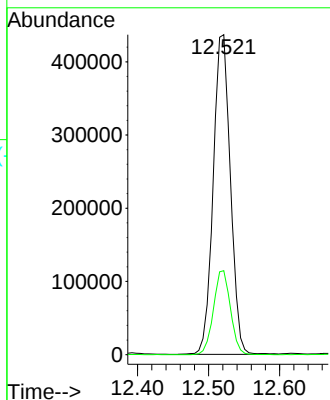
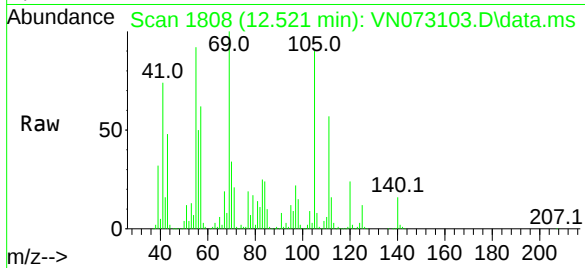




#73
Isopropylbenzene
Concen: 26.228 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN073103.D
Acq: 25 Jun 2022 12:14

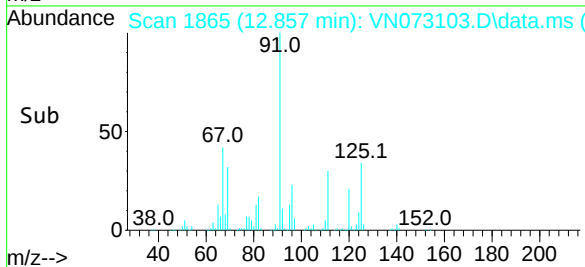
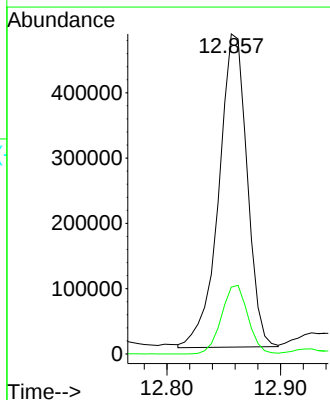
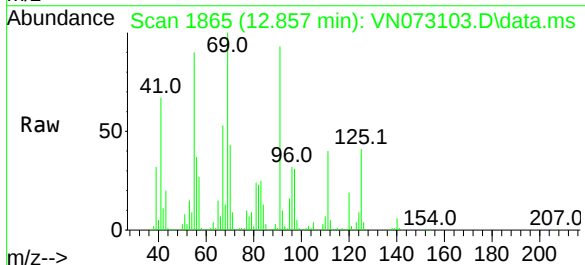
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2

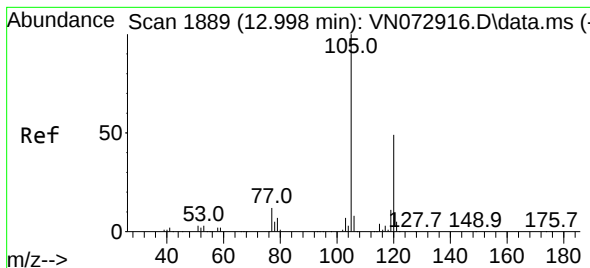
Tgt Ion:105 Resp: 731863
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4



#78
n-propylbenzene
Concen: 27.142 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073103.D
Acq: 25 Jun 2022 12:14

Tgt Ion: 91 Resp: 833052
Ion Ratio Lower Upper
91 100
120 20.5 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 5.677 ug/l

RT: 12.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN073103.D

Acq: 25 Jun 2022 12:14

Instrument :

MSVOA_N

ClientSampleId :

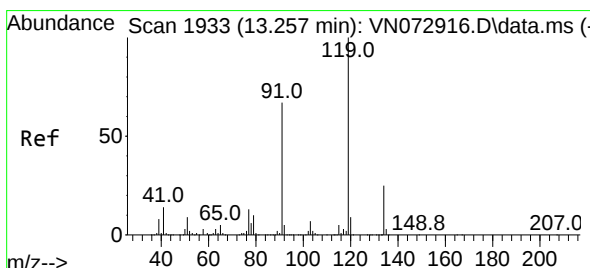
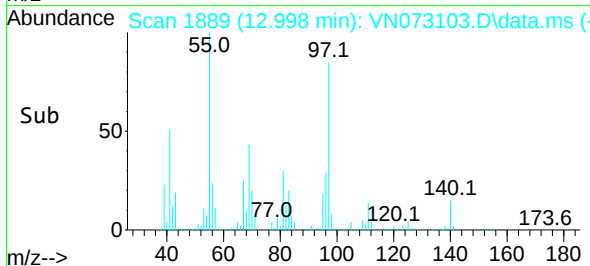
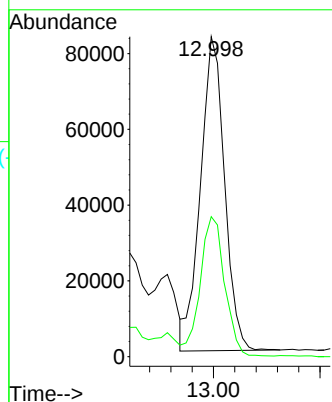
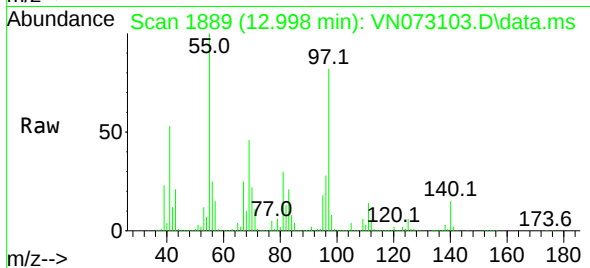
WC-14B-2-2

Tgt Ion:105 Resp: 130123

Ion Ratio Lower Upper

105 100

120 45.1 24.9 74.7



#83

tert-Butylbenzene

Concen: 8.157 ug/l

RT: 13.263 min Scan# 1934

Delta R.T. 0.006 min

Lab File: VN073103.D

Acq: 25 Jun 2022 12:14

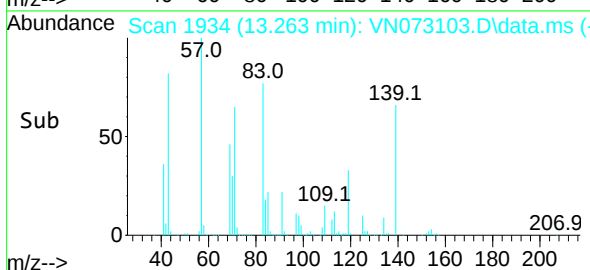
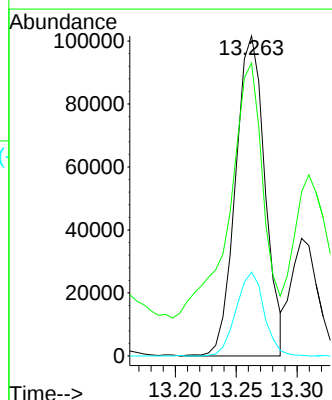
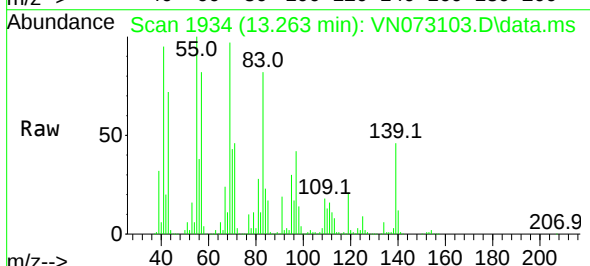
Tgt Ion:119 Resp: 171227

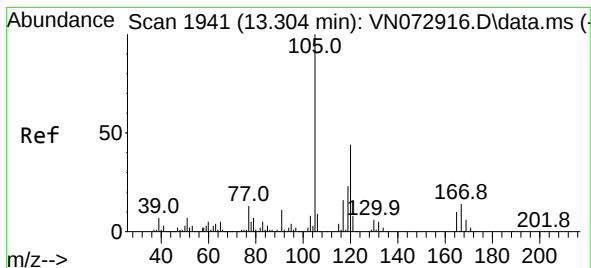
Ion Ratio Lower Upper

119 100

91 88.7 31.6 94.8

134 24.8 13.7 41.1





#84

1,2,4-Trimethylbenzene

Concen: 21.763 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VN073103.D

Acq: 25 Jun 2022 12:14

Instrument :

MSVOA_N

ClientSampleId :

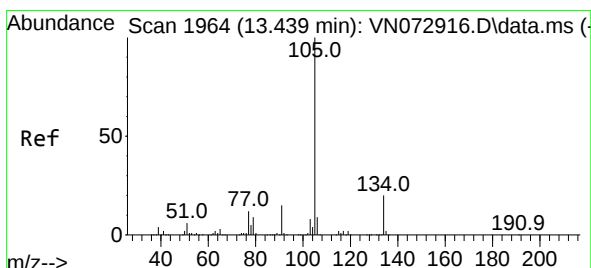
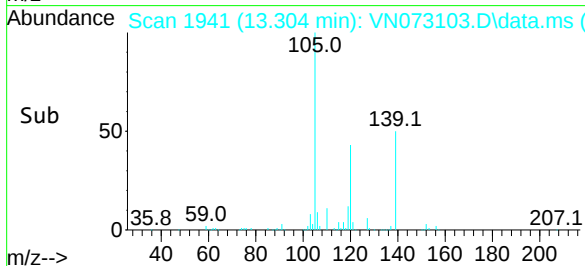
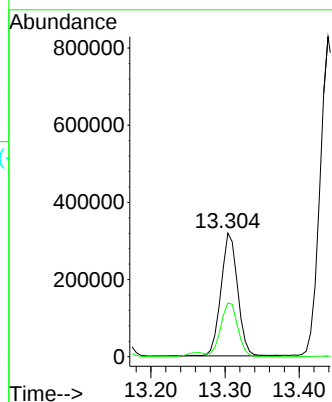
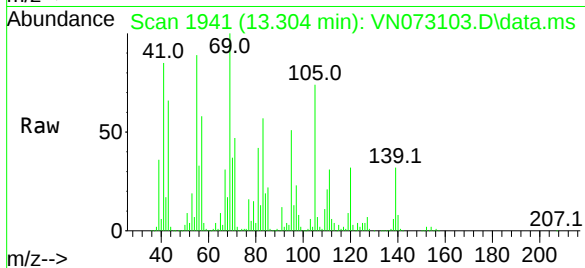
WC-14B-2-2

Tgt Ion:105 Resp: 496818

Ion Ratio Lower Upper

105 100

120 44.8 23.3 69.8



#85

sec-Butylbenzene

Concen: 47.238 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN073103.D

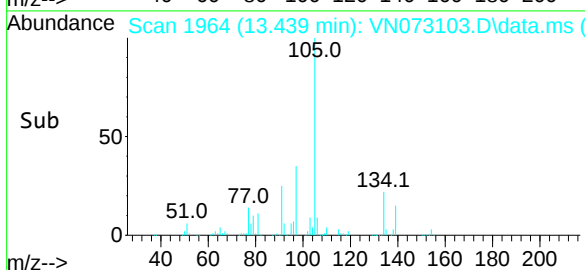
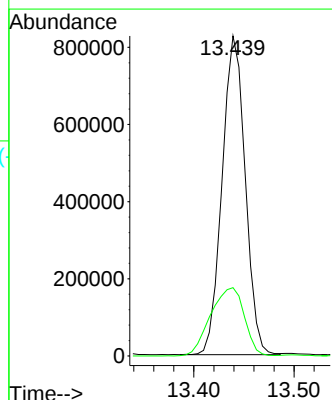
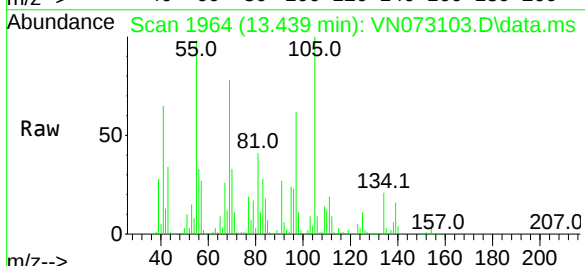
Acq: 25 Jun 2022 12:14

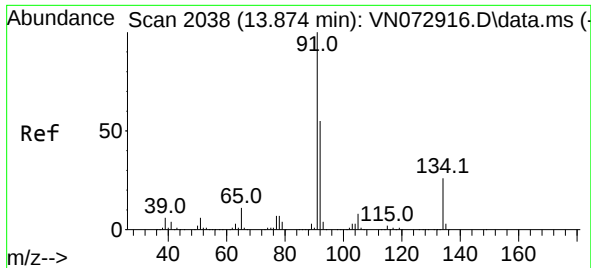
Tgt Ion:105 Resp: 1322782

Ion Ratio Lower Upper

105 100

134 31.3 10.4 31.1#





#89

n-Butylbenzene

Concen: 46.525 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN073103.D

Acq: 25 Jun 2022 12:14

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-2-2

Tgt Ion: 91 Resp: 861286

Ion Ratio Lower Upper

91 100

92 47.0 26.9 80.7

134 0.0 13.6 40.8#

