

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022822\
 Data File : VN071110.D
 Acq On : 28 Feb 2022 21:32
 Operator : JC\MD
 Sample : N1655-10ME
 Misc : 6.90g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 UNK-NORTHME

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/01/2022
 Supervised By :Mahesh Dadoda 03/01/2022

Quant Time: Mar 01 06:50:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	848978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.957	114	1340625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1136743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	510367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	499609	51.517	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.040%			
35) Dibromofluoromethane	8.016	113	371967	46.647	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 93.300%			
50) Toluene-d8	10.433	98	1656383	51.725	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.440%			
62) 4-Bromofluorobenzene	12.727	95	556236	48.595	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.180%			
Target Compounds					Qvalue	
39) Methylcyclohexane	9.451	83	451096	26.834	ug/l	92
40) Benzene	8.451	78	66363	1.717	ug/l	96
67) Ethyl Benzene	11.839	91	418839	9.770	ug/l	99
68) m/p-Xylenes	11.945	106	60639	3.662	ug/l	97
73) Isopropylbenzene	12.575	105	182172	4.435	ug/l	98
78) n-propylbenzene	12.916	91	730743	15.832	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	118377	3.557	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	255984	7.814	ug/l	99
85) sec-Butylbenzene	13.498	105	140410	3.376	ug/l #	64
86) p-Isopropyltoluene	13.610	119	39763m	1.165	ug/l	
89) n-Butylbenzene	13.939	91	205316	7.371	ug/l #	76
95) Naphthalene	15.498	128	132342	10.211	ug/l	99

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

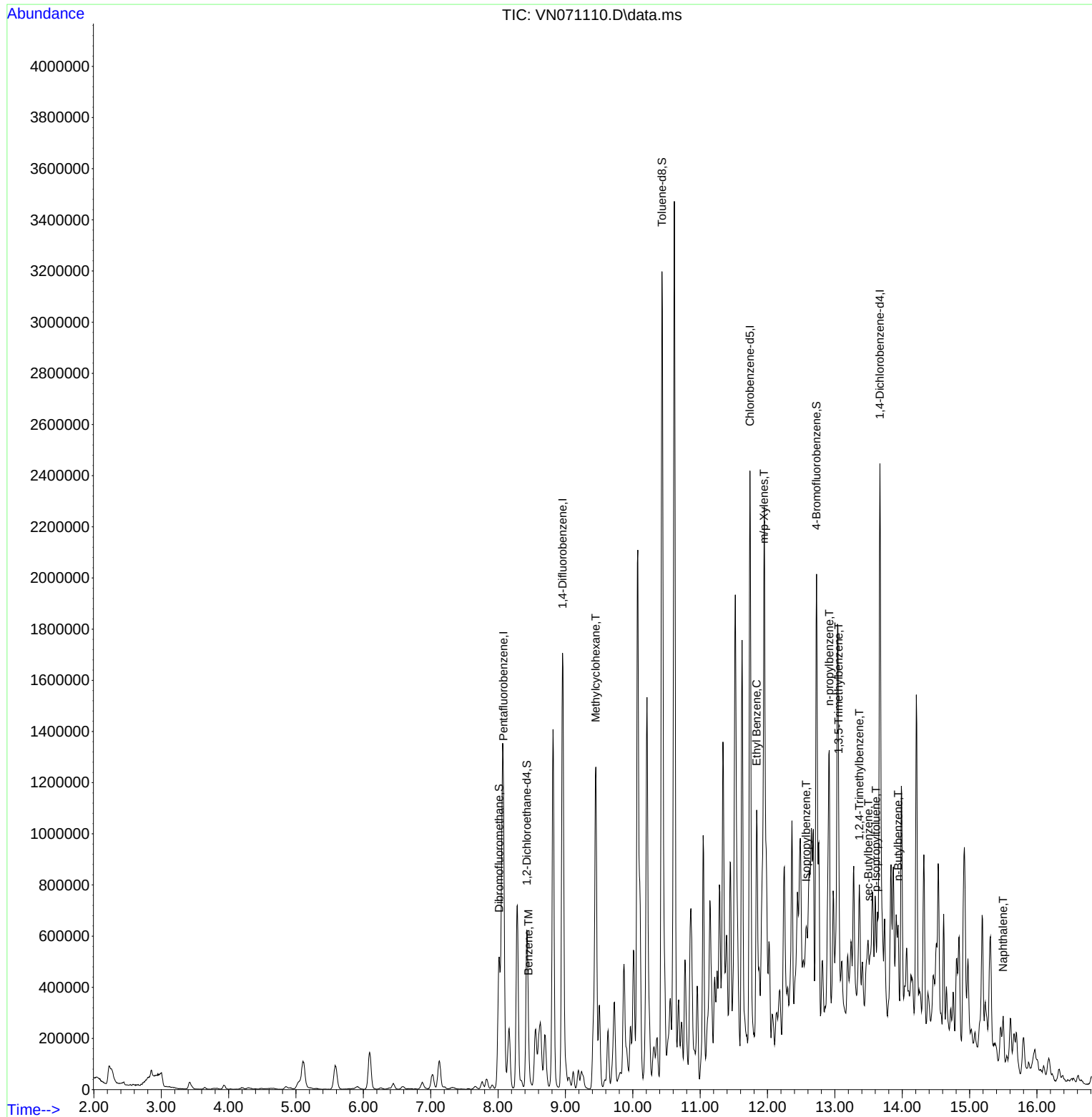
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022822\
Data File : VN071110.D
Acq On : 28 Feb 2022 21:32
Operator : JC\MD
Sample : N1655-10ME
Misc : 6.90g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 25 Sample Multiplier: 1

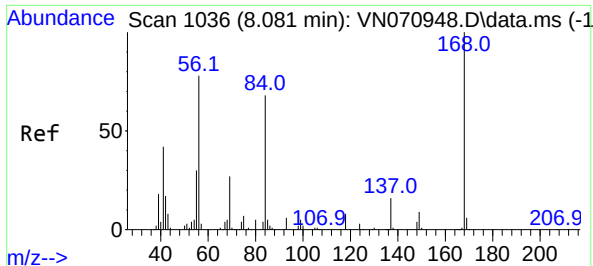
Instrument :
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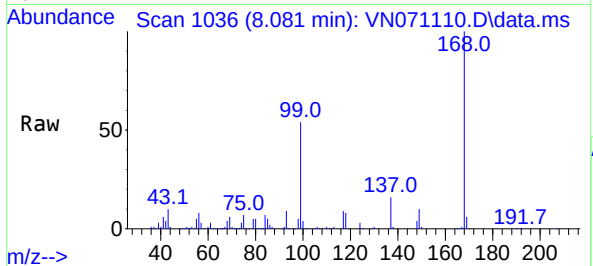
Quant Time: Mar 01 06:50:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 21 07:57:15 2022
Response via : Initial Calibration





Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071110.D
Acq: 28 Feb 2022 21:32

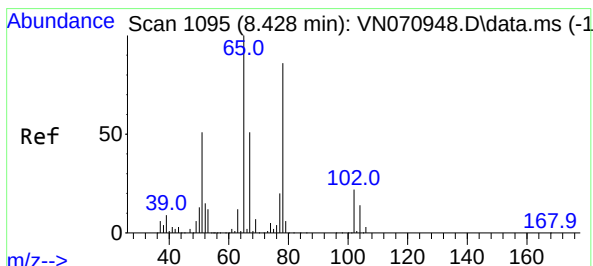
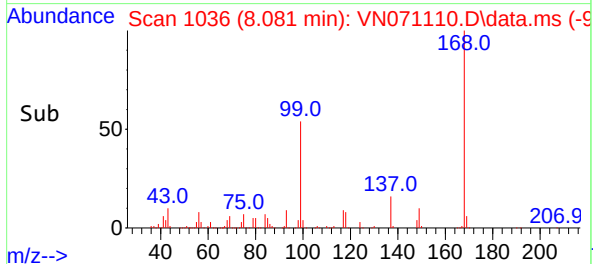
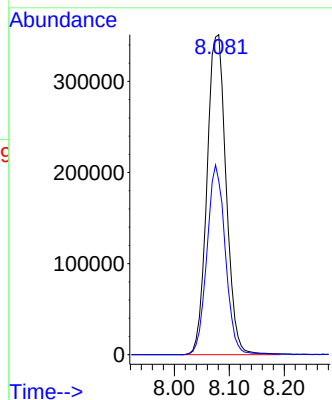
Instrument :
MSVOA_N
ClientSampleId :
UNK-NORTHME



Tgt Ion:168 Resp: 848978
Ion Ratio Lower Upper
168 100
99 54.3 41.3 61.9

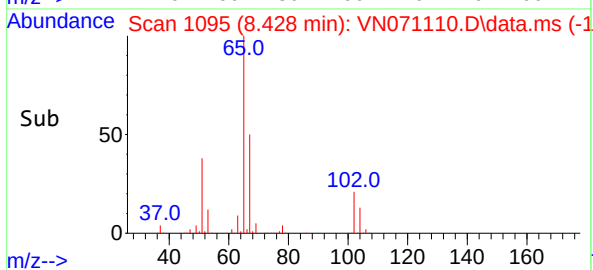
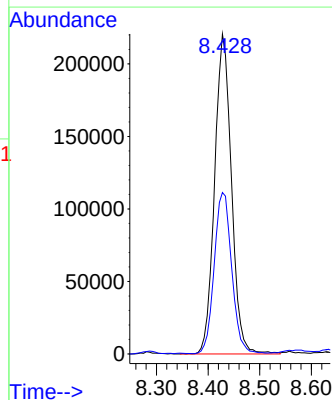
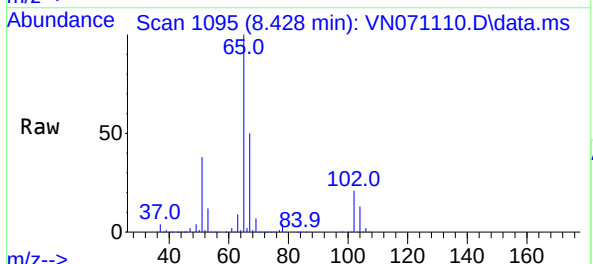
Manual Integrations
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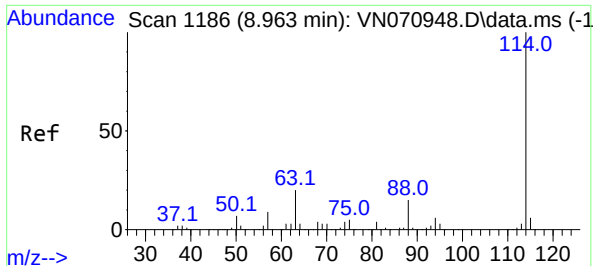
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



1,2-Dichloroethane-d4
Concen: 51.517 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN071110.D
Acq: 28 Feb 2022 21:32

Tgt Ion: 65 Resp: 499609
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.0





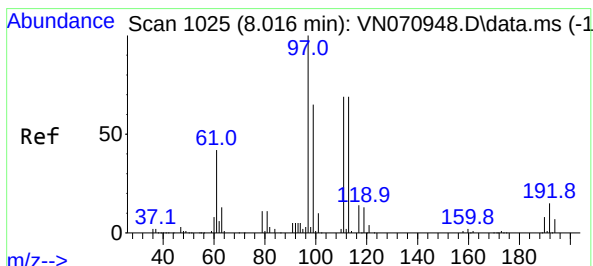
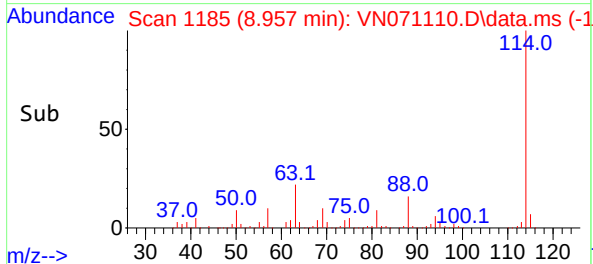
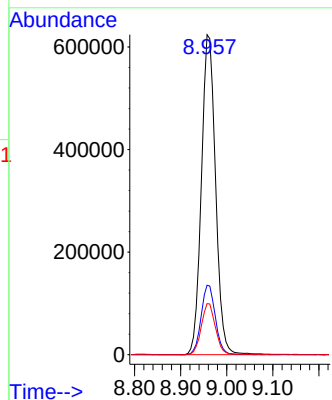
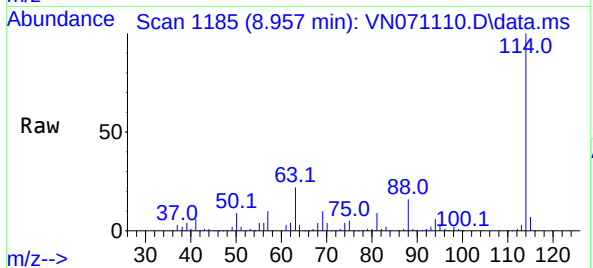
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.957 min Scan# 1185
Delta R.T. -0.006 min
Lab File: VN071110.D
Acq: 28 Feb 2022 21:32

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:114 Resp: 134062
Ion Ratio Lower Upper
114 100
63 21.7 0.0 37.8
88 15.9 0.0 27.4

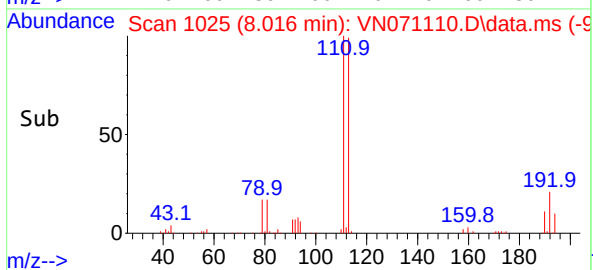
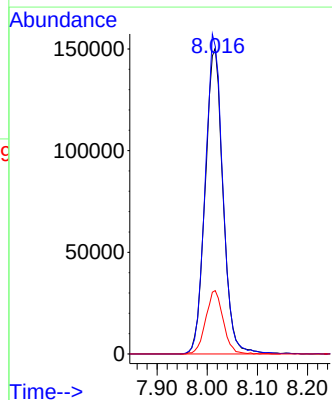
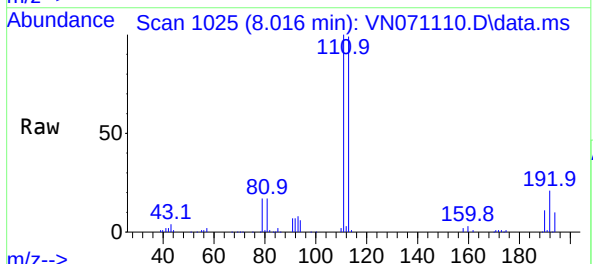
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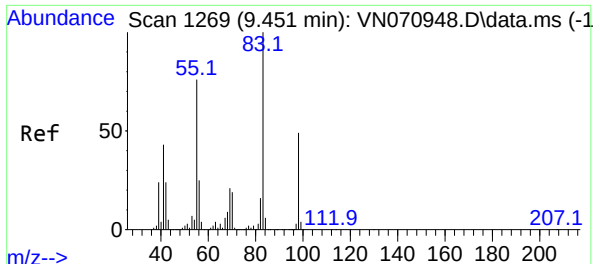
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#35
Dibromofluoromethane
Concen: 46.647 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071110.D
Acq: 28 Feb 2022 21:32

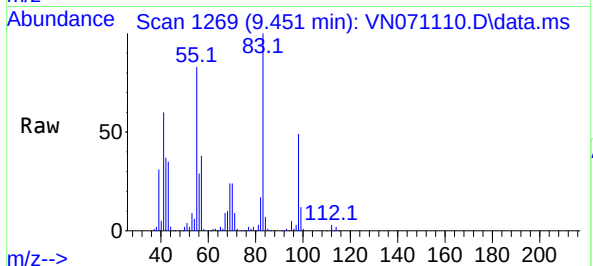
Tgt Ion:113 Resp: 371967
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 20.3 16.9 25.3





#39
Methylcyclohexane
Concen: 26.834 ug/l
RT: 9.451 min Scan# 1099
Delta R.T. 0.000 min
Lab File: VN071110.D
Acq: 28 Feb 2022 21:32

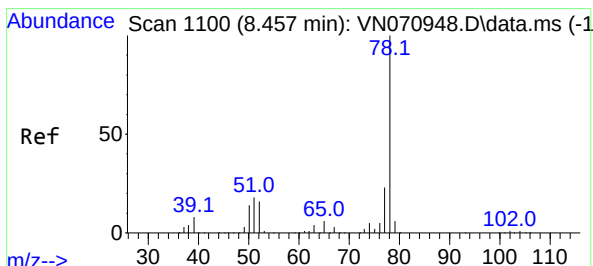
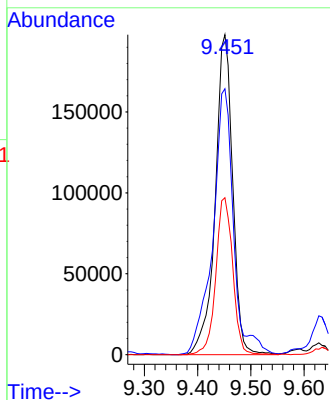
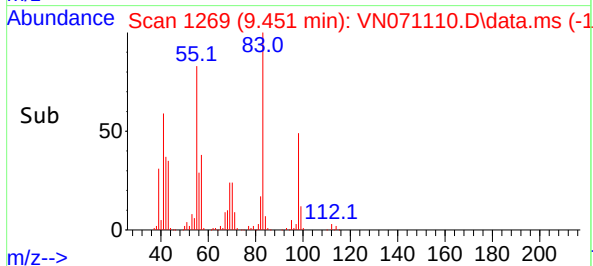
Instrument :
MSVOA_N
ClientSampleId :
UNK-NORTHME



Tgt Ion: 83 Resp: 451090
Ion Ratio Lower Upper
83 100
55 83.1 58.1 87.1
98 49.1 38.4 57.6

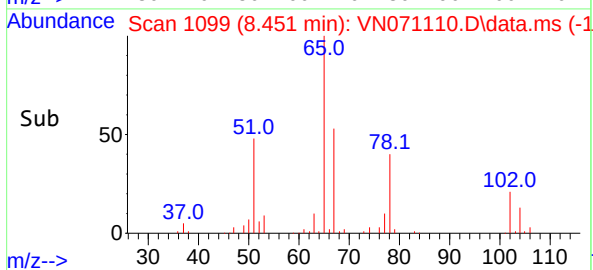
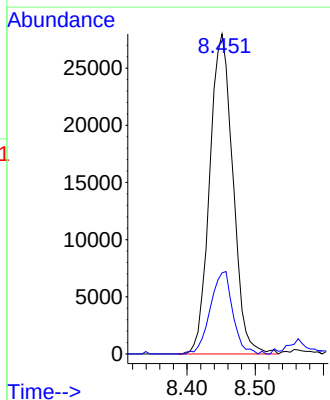
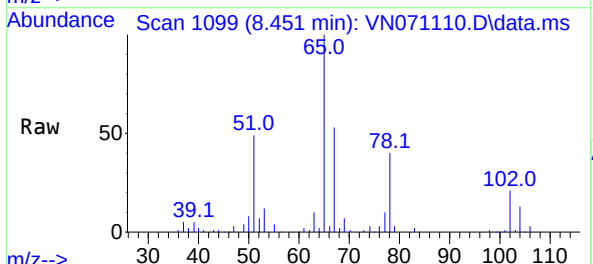
Manual Integrations
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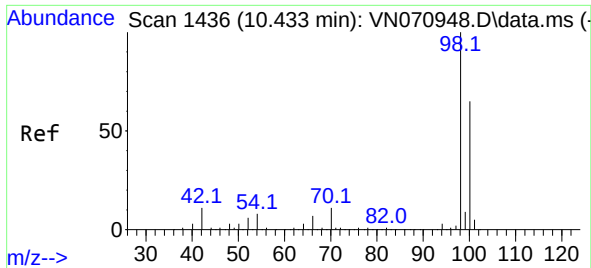
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#40
Benzene
Concen: 1.717 ug/l
RT: 8.451 min Scan# 1099
Delta R.T. -0.006 min
Lab File: VN071110.D
Acq: 28 Feb 2022 21:32

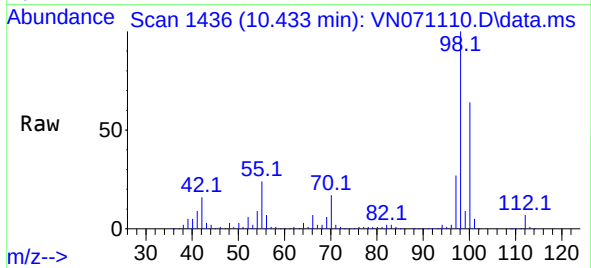
Tgt Ion: 78 Resp: 66363
Ion Ratio Lower Upper
78 100
77 25.3 18.6 27.8





#50
Toluene-d8
Concen: 51.725 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. 0.000 min
Lab File: VN071110.D
Acq: 28 Feb 2022 21:32

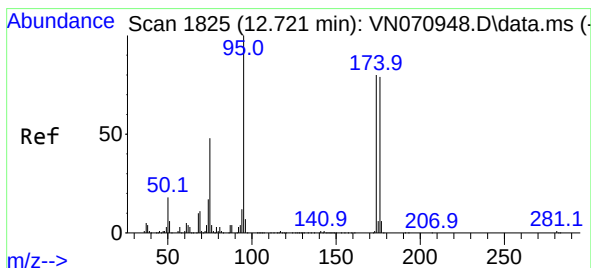
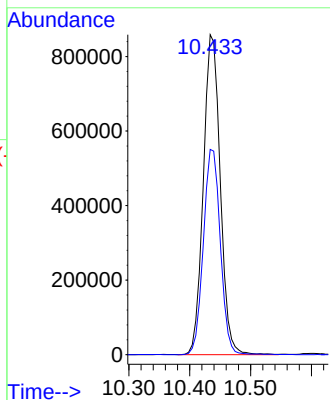
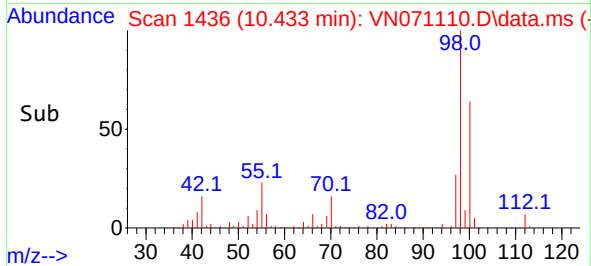
Instrument :
MSVOA_N
ClientSampleId :
UNK-NORTHME



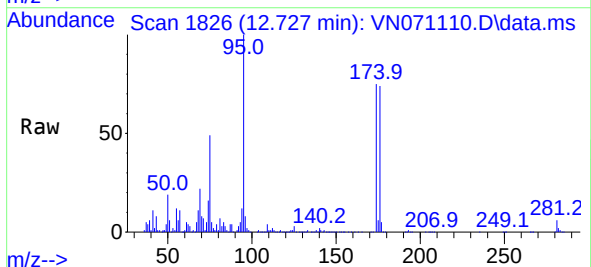
Tgt Ion: 98 Resp: 165638
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6

Manual Integrations
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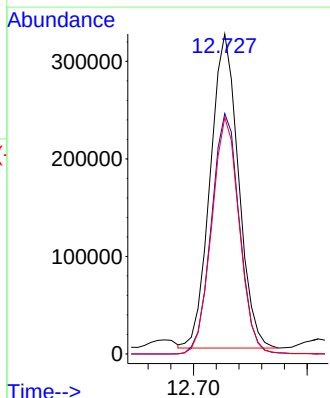
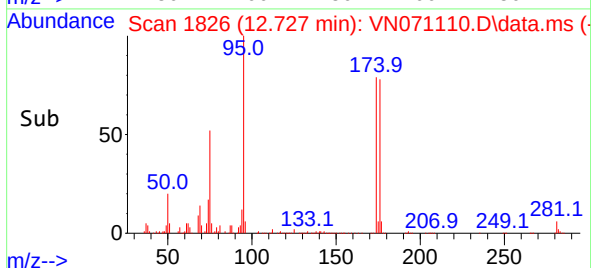
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

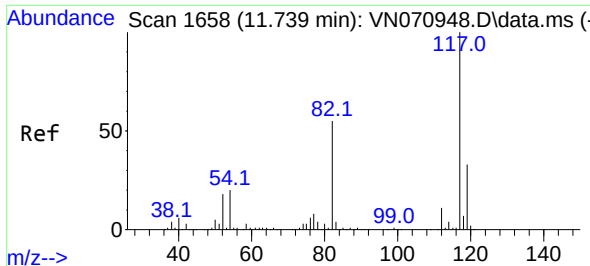


#62
4-Bromofluorobenzene
Concen: 48.595 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071110.D
Acq: 28 Feb 2022 21:32



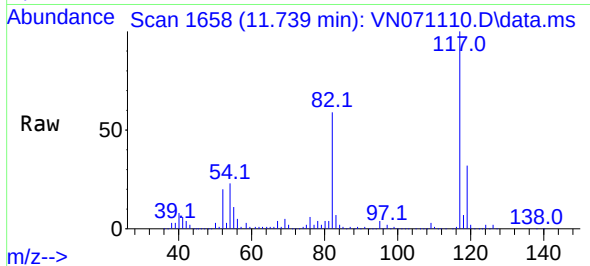
Tgt Ion: 95 Resp: 556236
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 73.6 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071110.D
Acq: 28 Feb 2022 21:32

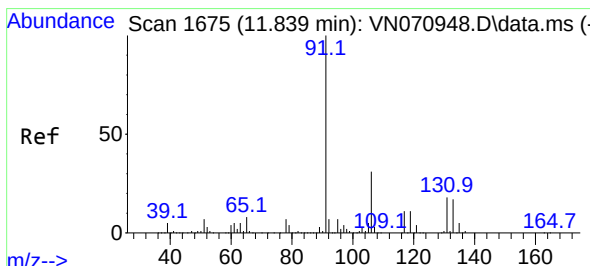
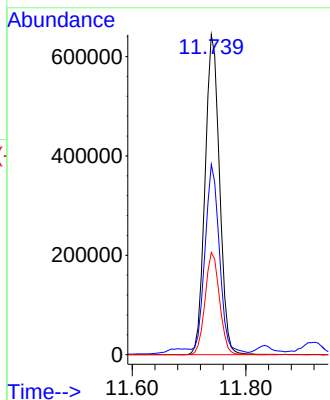
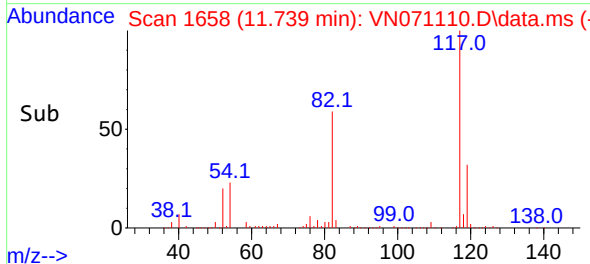
Instrument :
MSVOA_N
ClientSampleId :
UNK-NORTHME



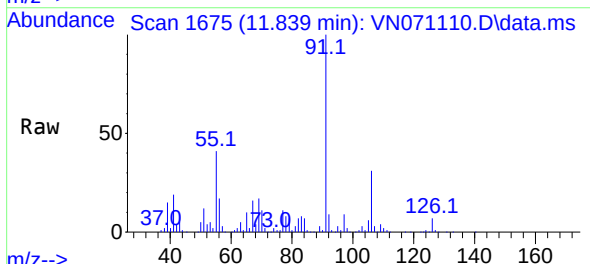
Tgt Ion: 117 Resp: 113674
Ion Ratio Lower Upper
117 100
82 58.3 42.4 63.6
119 32.0 25.4 38.2

Manual Integrations
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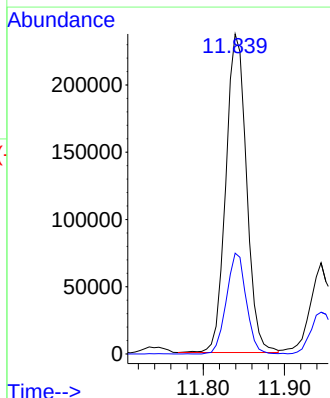
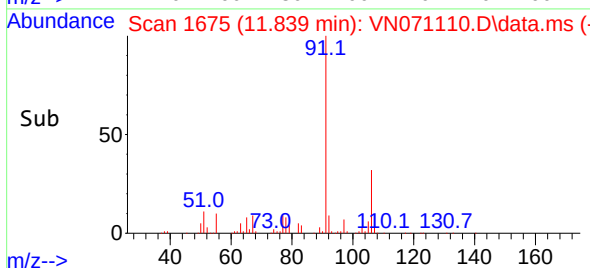
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

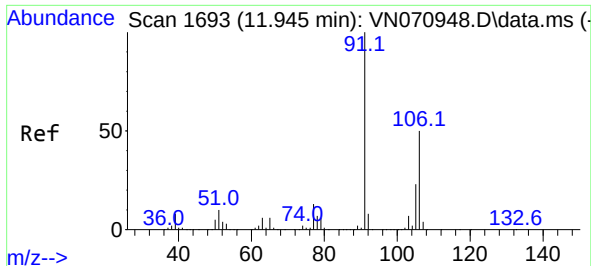


#67
Ethyl Benzene
Concen: 9.770 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071110.D
Acq: 28 Feb 2022 21:32



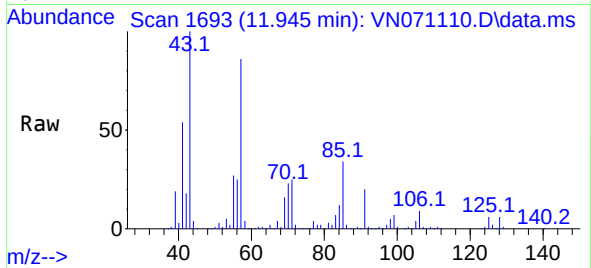
Tgt Ion: 91 Resp: 418839
Ion Ratio Lower Upper
91 100
106 31.6 25.7 38.5





#68
m/p-Xylenes
Concen: 3.662 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN071110.D
Acq: 28 Feb 2022 21:32

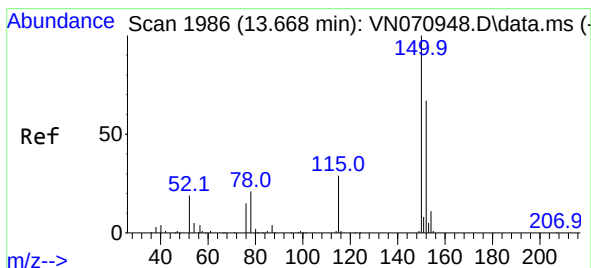
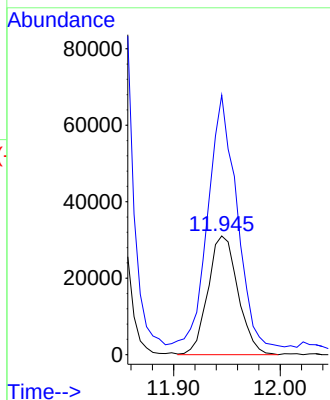
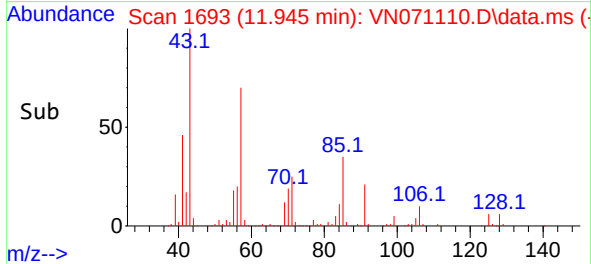
Instrument :
MSVOA_N
ClientSampleId :
UNK-NORTHME



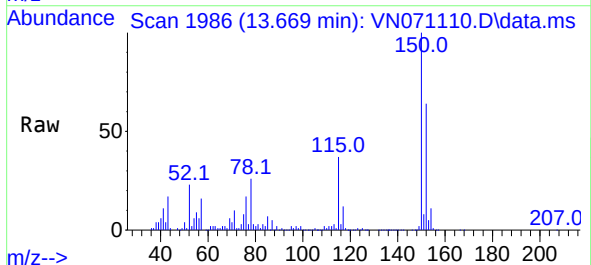
Tgt Ion:106 Resp: 60639
Ion Ratio Lower Upper
106 100
91 204.7 160.6 240.8

Manual Integrations
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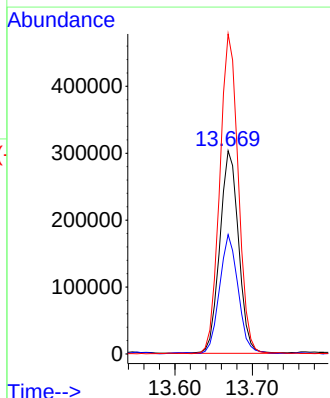
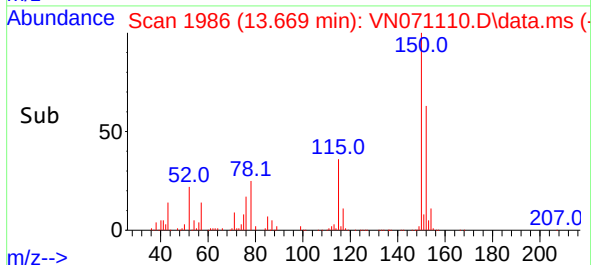
Reviewed By :John Carlone 03/01/2022
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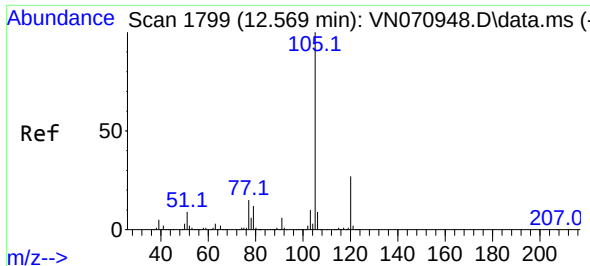


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071110.D
Acq: 28 Feb 2022 21:32



Tgt Ion:152 Resp: 510367
Ion Ratio Lower Upper
152 100
115 57.9 27.5 82.5
150 156.0 0.0 344.4





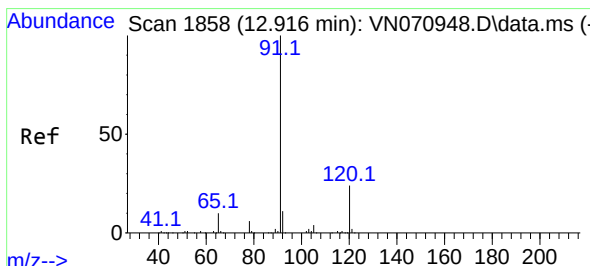
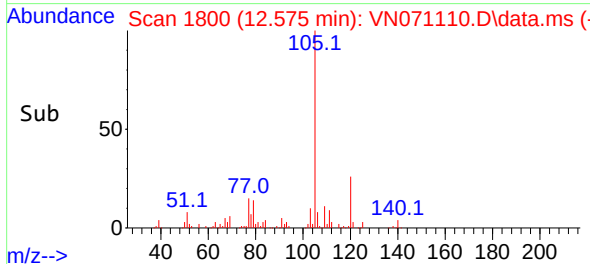
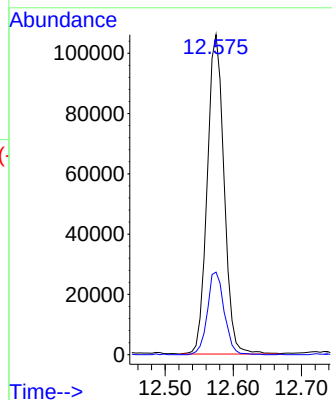
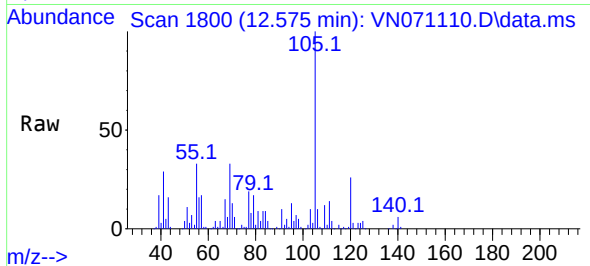
#73
Isopropylbenzene
Concen: 4.435 ug/l
RT: 12.575 min Scan# 18217
Delta R.T. 0.006 min
Lab File: VN071110.D
Acq: 28 Feb 2022 21:32

Instrument :
MSVOA_N
ClientSampleId :
UNK-NORTHME

Tgt Ion:105 Resp: 18217
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

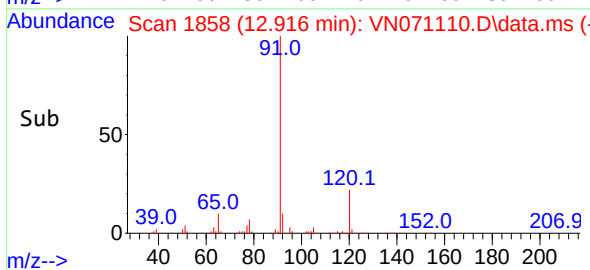
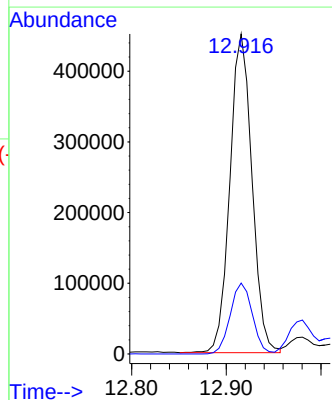
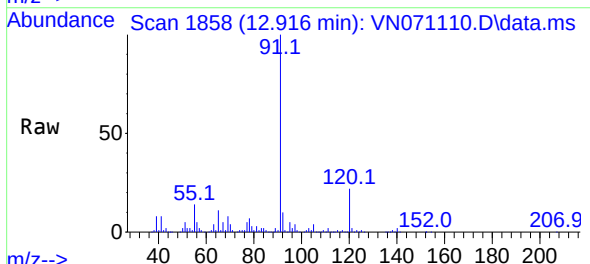
Manual Integrations
APPROVED

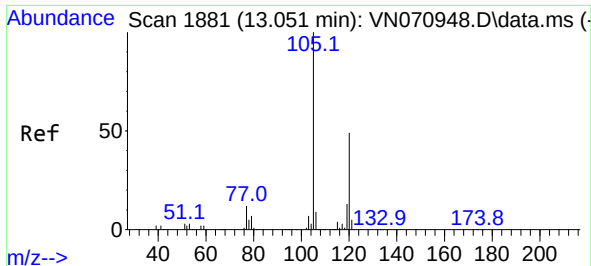
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#78
n-propylbenzene
Concen: 15.832 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071110.D
Acq: 28 Feb 2022 21:32

Tgt Ion: 91 Resp: 730743
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.9





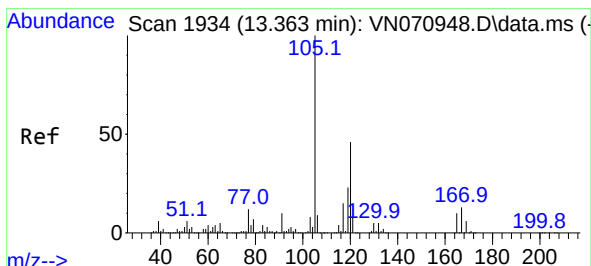
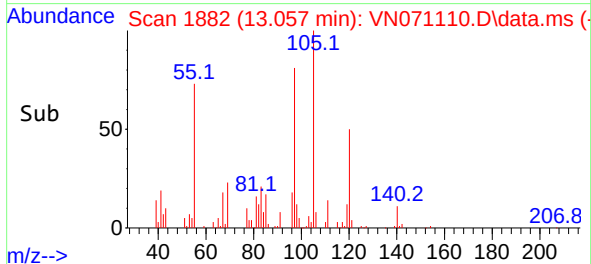
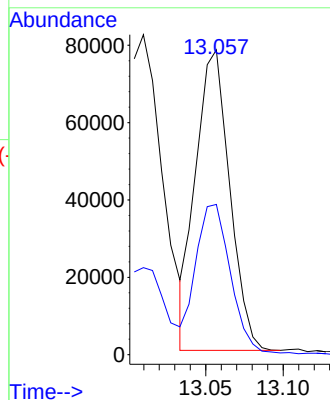
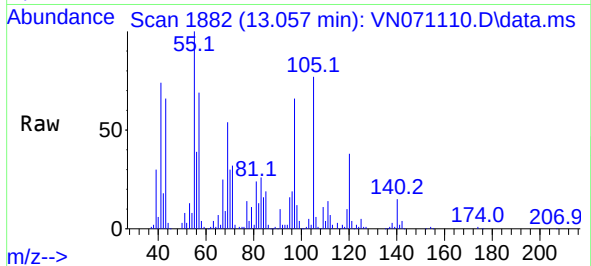
#80
1,3,5-Trimethylbenzene
Concen: 3.557 ug/l
RT: 13.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071110.D
Acq: 28 Feb 2022 21:32

Instrument :
MSVOA_N
ClientSampleId :
UNK-NORTHME

Tgt Ion:105 Resp: 11837
Ion Ratio Lower Upper
105 100
120 52.2 24.6 73.6

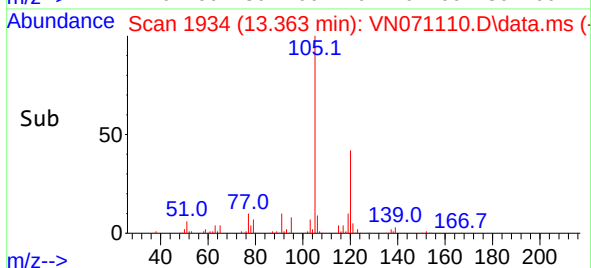
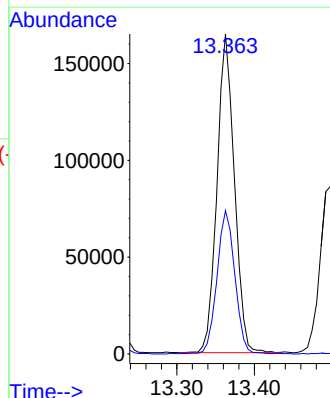
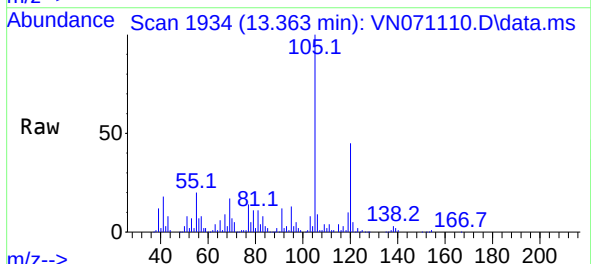
Manual Integrations
APPROVED

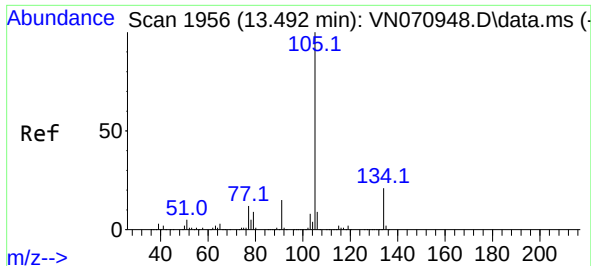
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#84
1,2,4-Trimethylbenzene
Concen: 7.814 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071110.D
Acq: 28 Feb 2022 21:32

Tgt Ion:105 Resp: 255984
Ion Ratio Lower Upper
105 100
120 46.5 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 3.376 ug/l
 RT: 13.498 min Scan# 1956
 Delta R.T. 0.006 min
 Lab File: VN071110.D
 Acq: 28 Feb 2022 21:32

Instrument :

MSVOA_N

ClientSampleId :

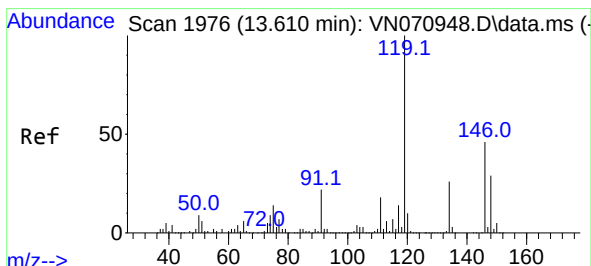
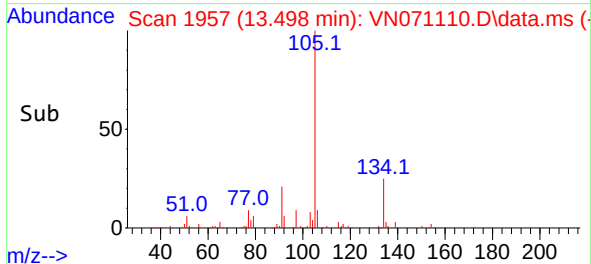
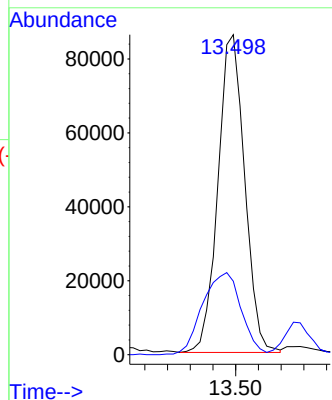
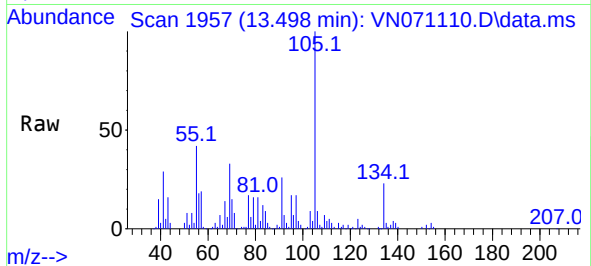
UNK-NORTHME

Tgt Ion:105 Resp: 140410
 Ion Ratio Lower Upper
 105 100
 134 37.3 10.4 31.1

Manual Integrations

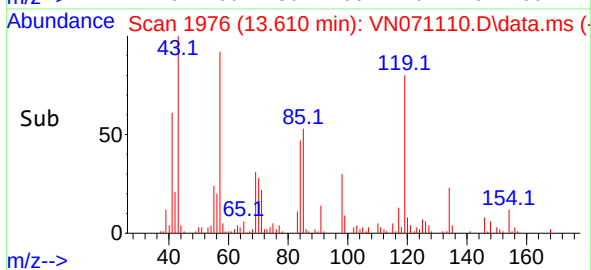
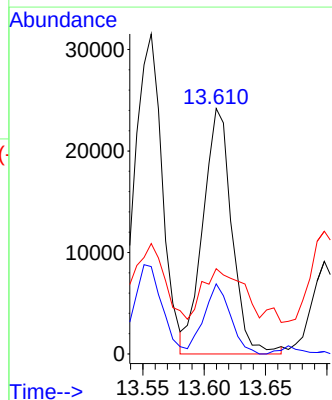
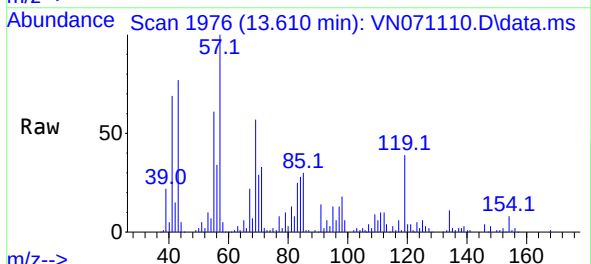
APPROVED

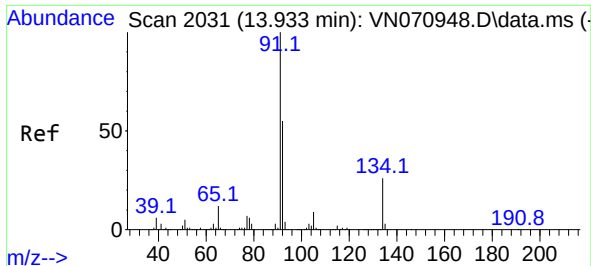
Reviewed By :John Carlone 03/01/2022
 Supervised By :Mahesh Dadoda 03/01/2022



#86
 p-Isopropyltoluene
 Concen: 1.165 ug/l m
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071110.D
 Acq: 28 Feb 2022 21:32

Tgt Ion:119 Resp: 39763
 Ion Ratio Lower Upper
 119 100
 134 35.5 13.6 40.7
 91 31.3 11.4 34.1





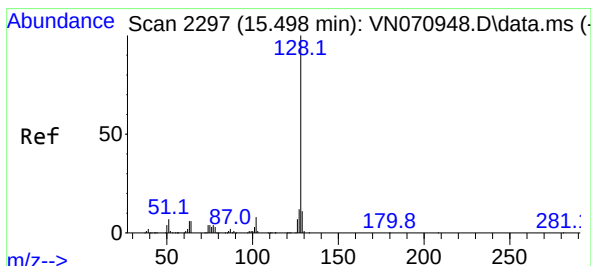
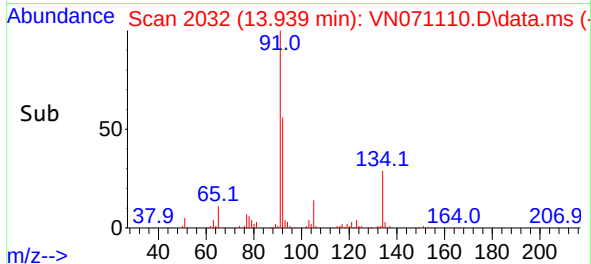
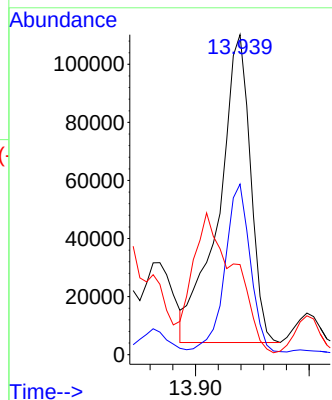
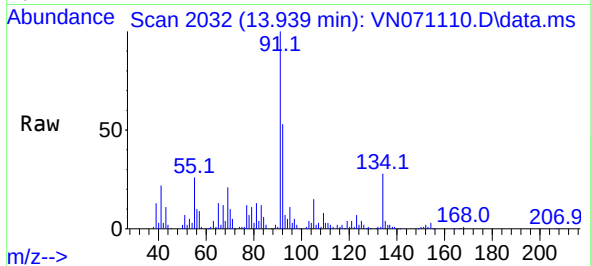
#89
n-Butylbenzene
Concen: 7.371 ug/l
RT: 13.939 min Scan# 2031
Delta R.T. 0.006 min
Lab File: VN071110.D
Acq: 28 Feb 2022 21:32

Instrument :
MSVOA_N
ClientSampleId :
UNK-NORTHME

Tgt Ion: 91 Resp: 205310
Ion Ratio Lower Upper
91 100
92 44.7 25.4 76.0
134 0.0 13.6 40.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#95
Naphthalene
Concen: 10.211 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071110.D
Acq: 28 Feb 2022 21:32

Tgt Ion:128 Resp: 132342
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.7 8.7 13.1

