

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078912.D
 Acq On : 16 Aug 2023 18:55
 Operator : JC\MD
 Sample : 03945-02 20X
 Misc : 6.30g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NEVINS-SB01-Z78-80

Manual Integrations
 APPROVED

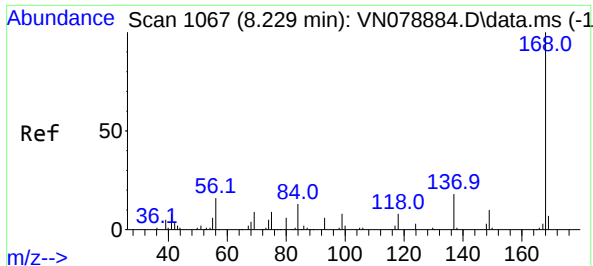
Reviewed By :John Carlone 08/17/2023
 Supervised By :Mahesh Dadoda 08/17/2023

Quant Time: Aug 17 01:21:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

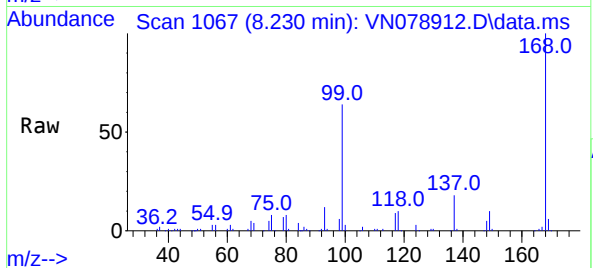
Internal Standards						
1) Pentafluorobenzene	8.230	168	151602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	298009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	281886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	124248	52.669	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.340%			
35) Dibromofluoromethane	8.171	113	100428	50.063	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.120%			
50) Toluene-d8	10.571	98	372242	49.975	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.940%			
62) 4-Bromofluorobenzene	12.853	95	143166	58.804	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.600%			
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.606	83	5084	1.832	ug/l #	85
40) Benzene	8.612	78	496167	55.628	ug/l	98
52) Toluene	10.635	92	11934	2.179	ug/l	87
67) Ethyl Benzene	11.971	91	3704652	339.510	ug/l	96
68) m/p-Xylenes	12.071	106	863822	211.737	ug/l	97
69) o-Xylene	12.406	106	413773	104.261	ug/l	94
73) Isopropylbenzene	12.700	105	299152	25.237	ug/l	99
78) n-propylbenzene	13.041	91	142152	10.342	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	319767	34.041	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	1125929	121.049	ug/l	98
85) sec-Butylbenzene	13.618	105	11113m	1.023	ug/l	
86) p-Isopropyltoluene	13.735	119	80849m	9.316	ug/l	

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

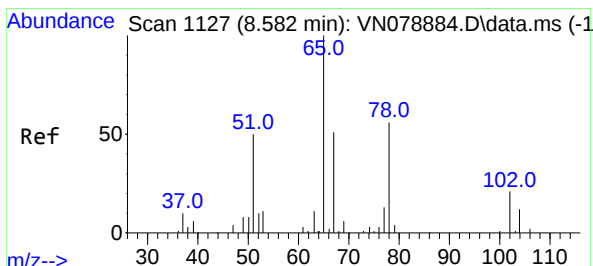
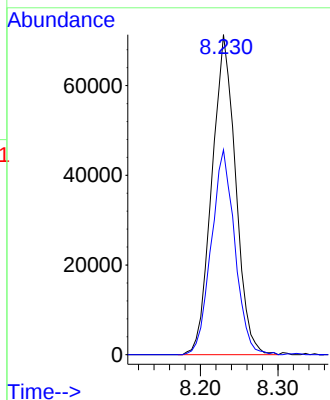
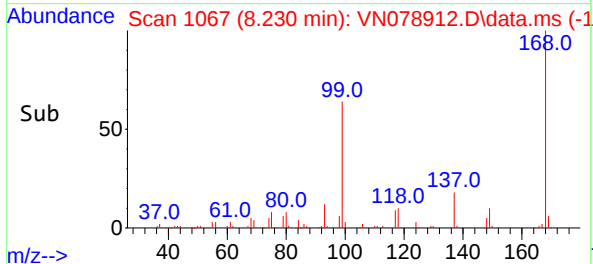
Instrument :
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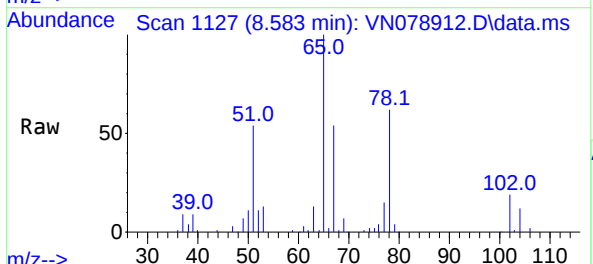
Tgt Ion:168 Resp: 151602
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6

Manual Integrations
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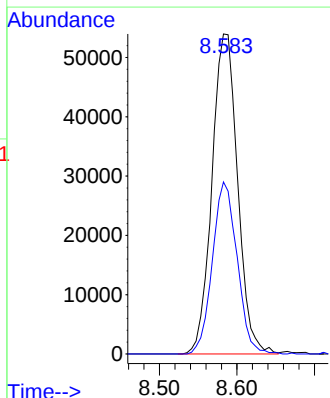
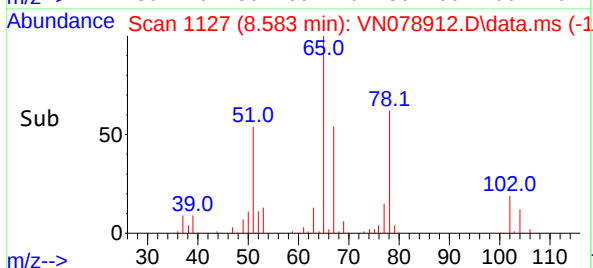
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

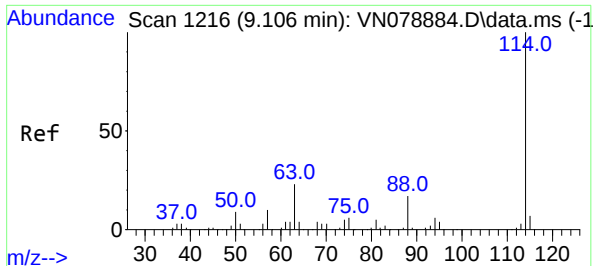


#33
1,2-Dichloroethane-d4
Concen: 52.669 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55



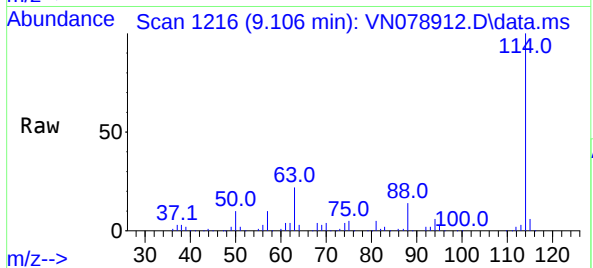
Tgt Ion: 65 Resp: 124248
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

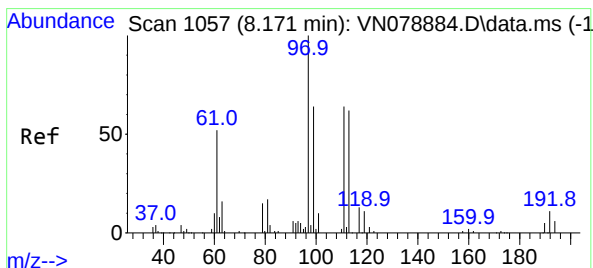
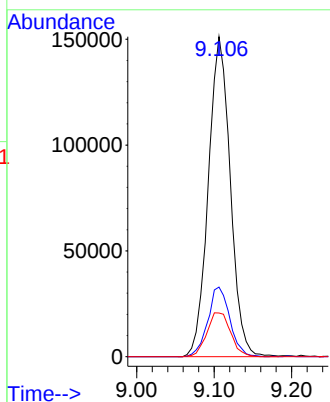
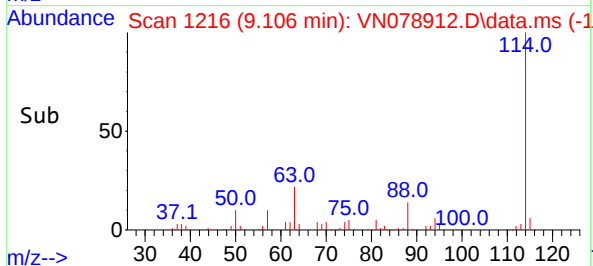
Instrument :
MSVOA_N
ClientSampleId :
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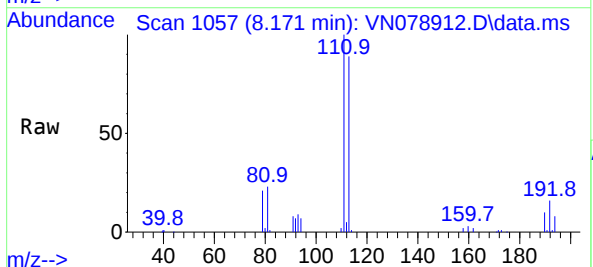
Tgt Ion:114 Resp: 298009
Ion Ratio Lower Upper
114 100
63 21.8 0.0 36.4
88 13.6 0.0 30.6

Manual Integrations
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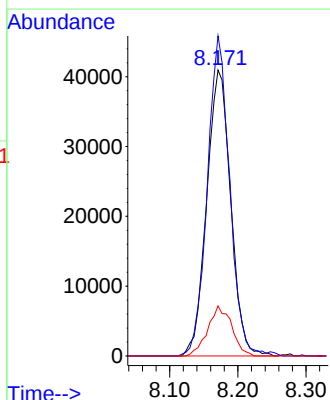
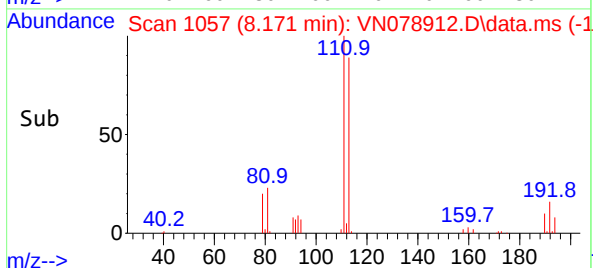
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

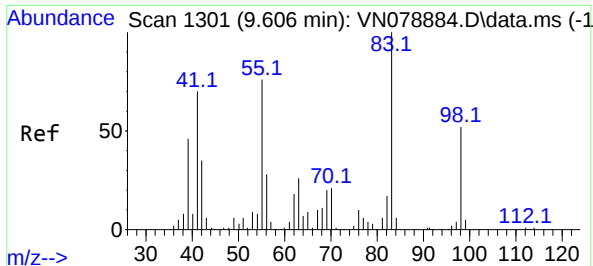


#35
Dibromofluoromethane
Concen: 50.063 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55



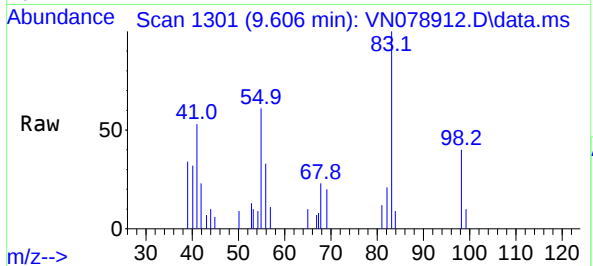
Tgt Ion:113 Resp: 100428
Ion Ratio Lower Upper
113 100
111 104.6 82.6 123.8
192 17.4 12.7 19.1





#39
Methylcyclohexane
Concen: 1.832 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

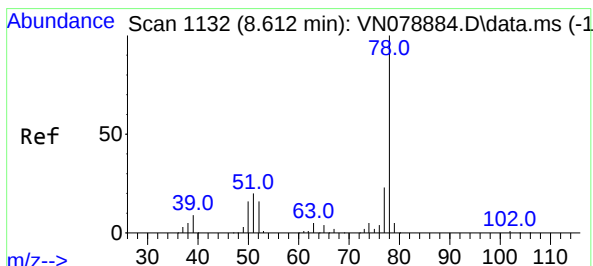
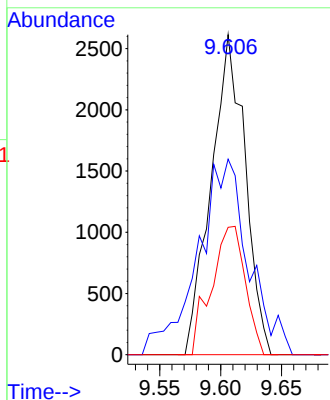
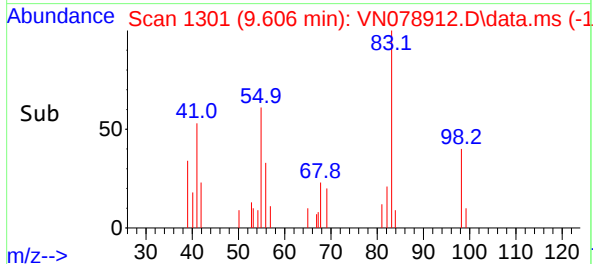
Instrument :
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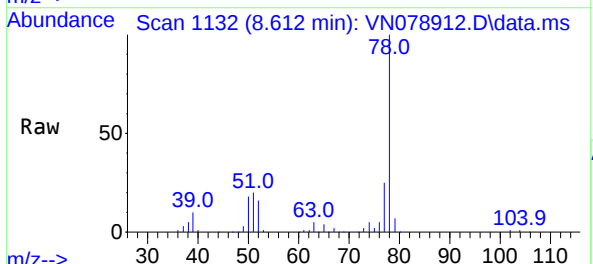
Tgt Ion: 83 Resp: 5084
Ion Ratio Lower Upper
83 100
55 51.0 49.1 73.7
98 39.8 40.6 61.0

Manual Integrations
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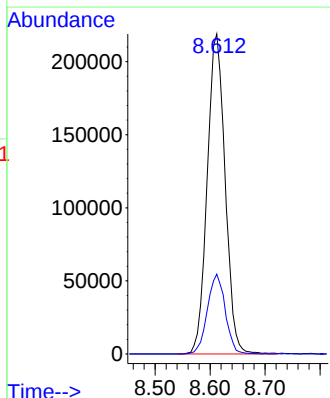
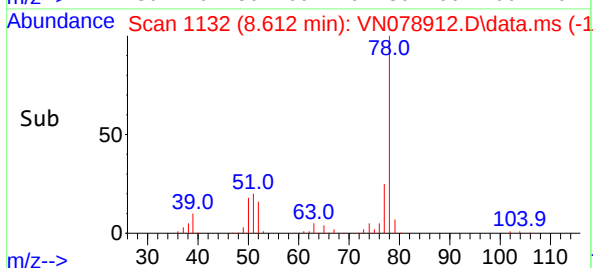
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

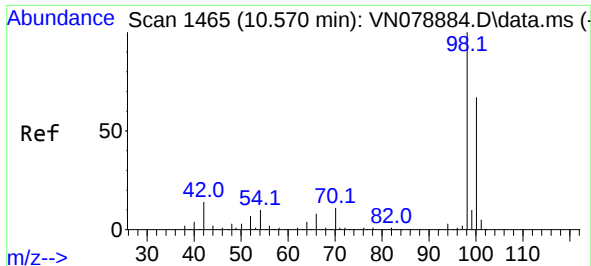


#40
Benzene
Concen: 55.628 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55



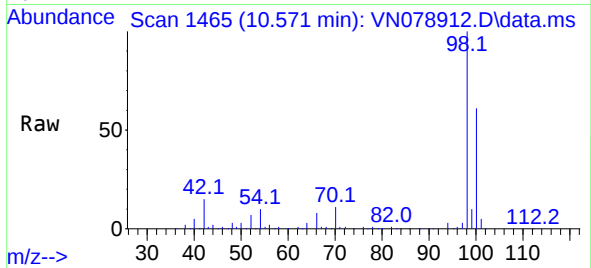
Tgt Ion: 78 Resp: 496167
Ion Ratio Lower Upper
78 100
77 25.0 19.0 28.6





#50
Toluene-d8
Concen: 49.975 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

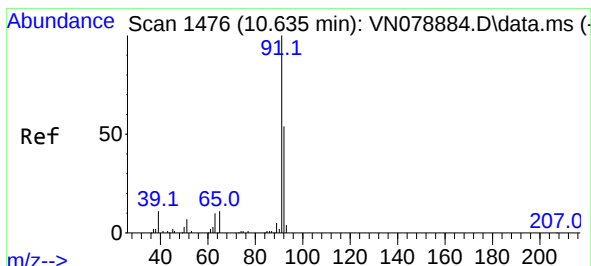
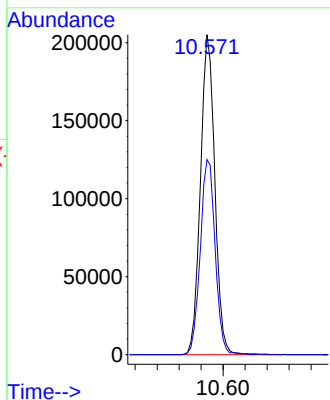
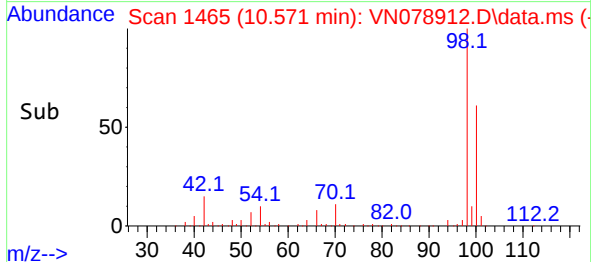
Instrument :
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NEVINS-SB01-Z78-80



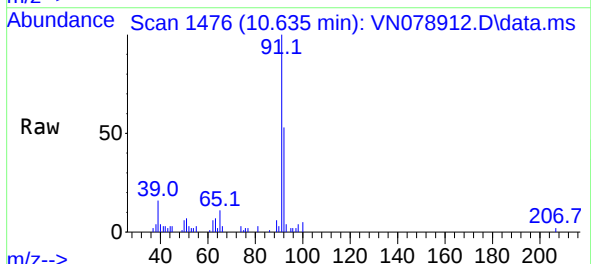
Tgt Ion: 98 Resp: 37224
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0

Manual Integrations
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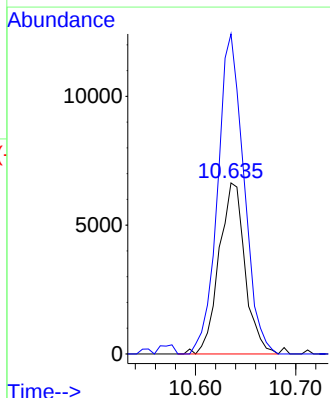
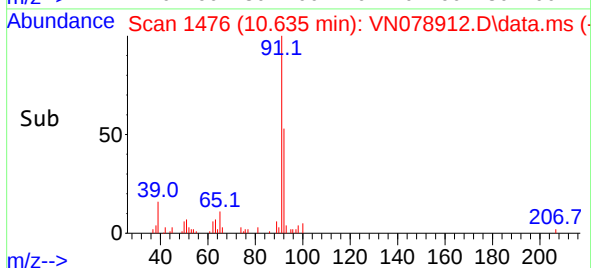
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

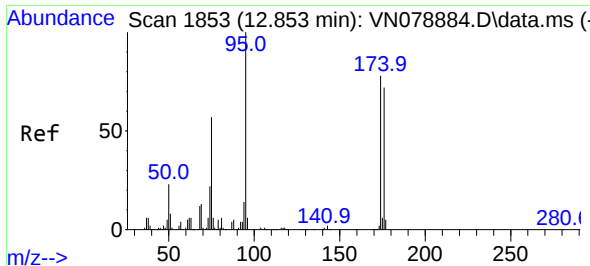


#52
Toluene
Concen: 2.179 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55



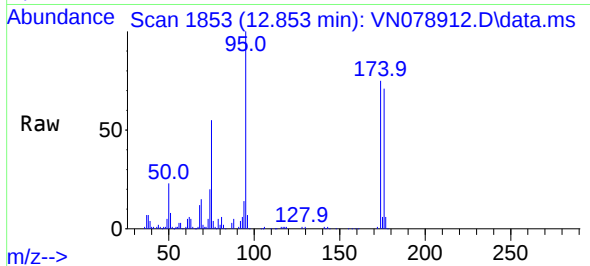
Tgt Ion: 92 Resp: 11934
Ion Ratio Lower Upper
92 100
91 189.0 137.4 206.0





#62
4-Bromofluorobenzene
Concen: 58.804 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

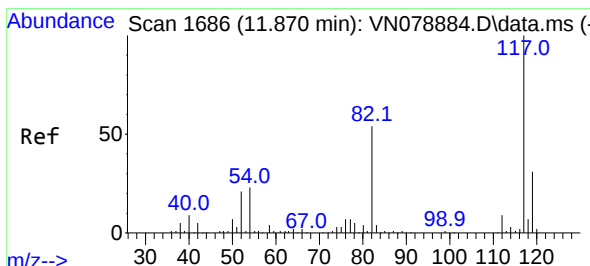
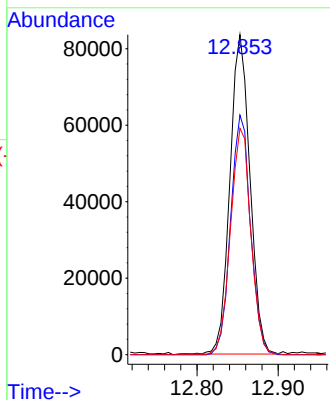
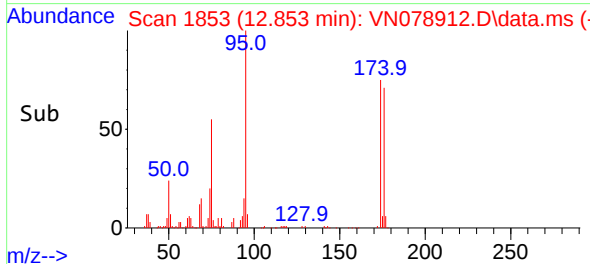
Instrument : MSVOA_N
ClientSampleId : NEVINS-SB01-Z78-80



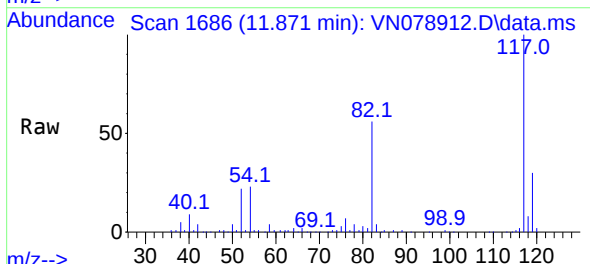
Tgt Ion: 95 Resp: 143160
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 71.7 0.0 135.8

Manual Integrations
APPROVED

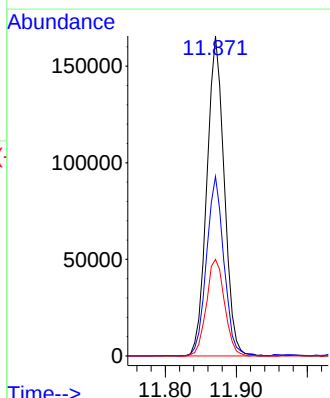
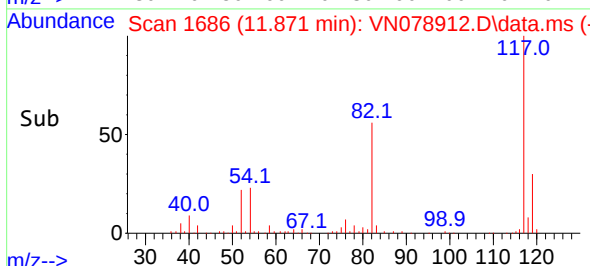
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

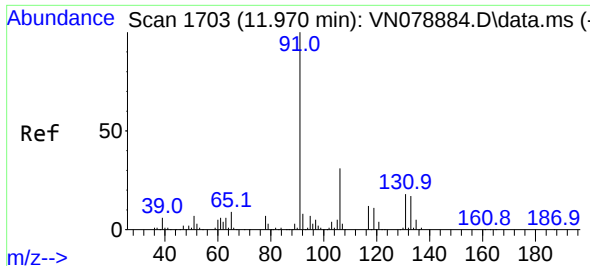


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55



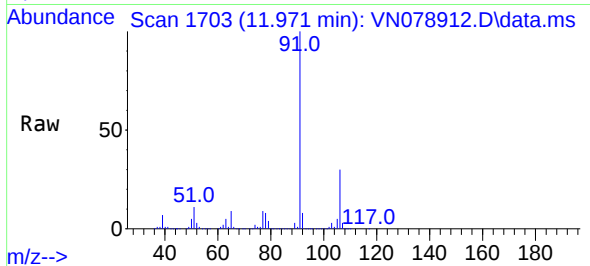
Tgt Ion:117 Resp: 281886
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 30.2 25.6 38.4





#67
Ethyl Benzene
Concen: 339.510 ug/l
RT: 11.971 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

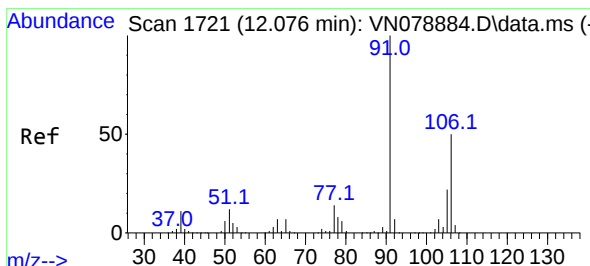
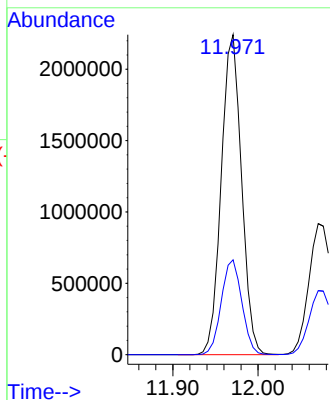
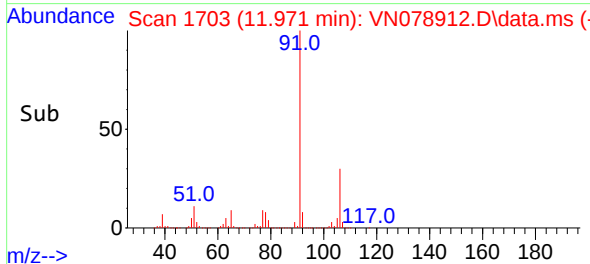
Instrument :
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ClientSampleId :
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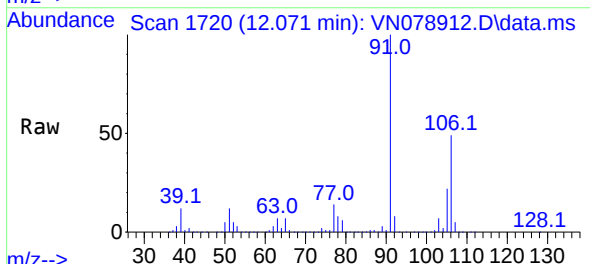
Tgt Ion: 91 Resp: 3704652
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

Manual Integrations
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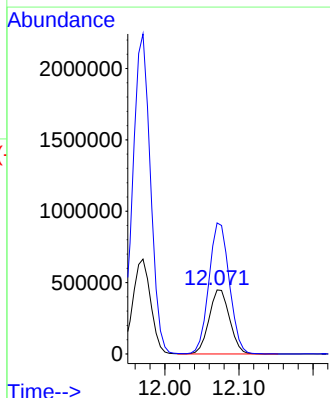
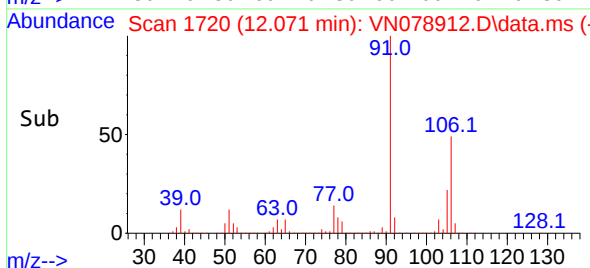
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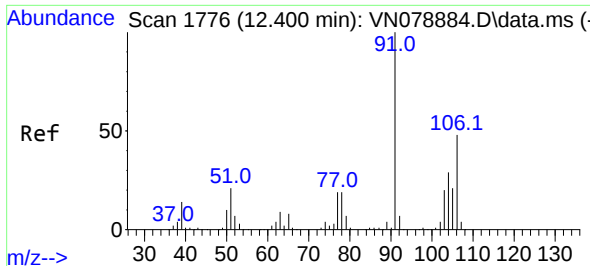


#68
m/p-Xylenes
Concen: 211.737 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55



Tgt Ion:106 Resp: 863822
Ion Ratio Lower Upper
106 100
91 203.9 159.6 239.4





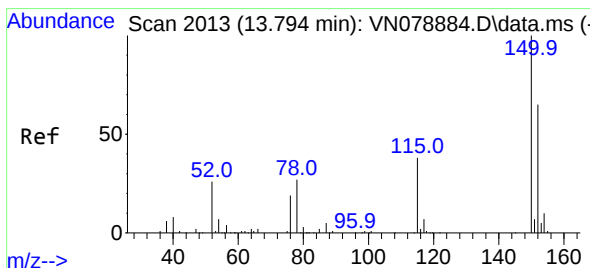
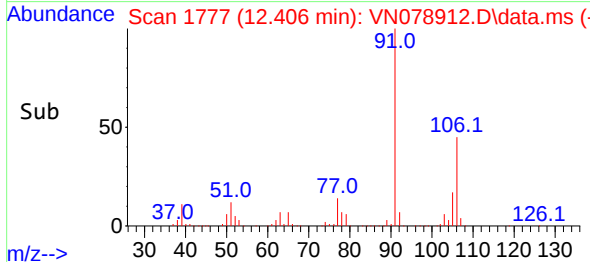
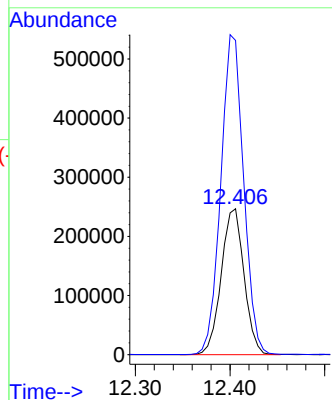
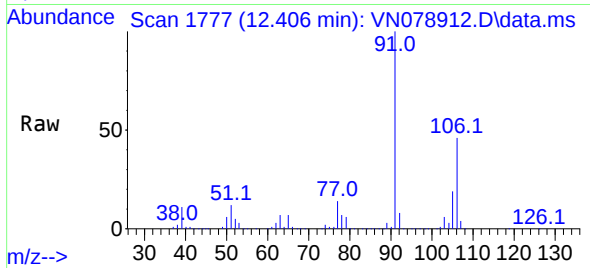
#69
o-Xylene
Concen: 104.261 ug/l
RT: 12.406 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB01-Z78-80

Tgt Ion:106 Resp: 41377
Ion Ratio Lower Upper
106 100
91 219.1 105.2 315.5

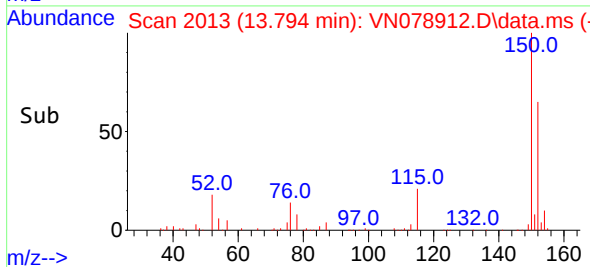
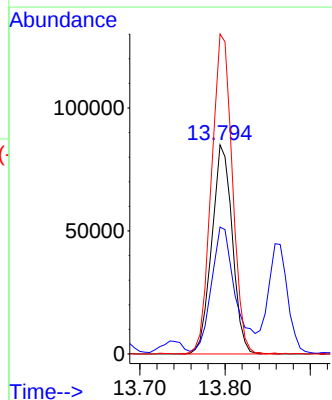
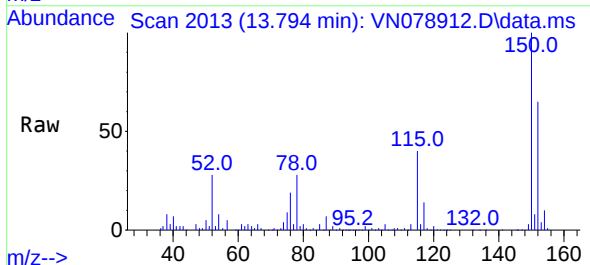
Manual Integrations
APPROVED

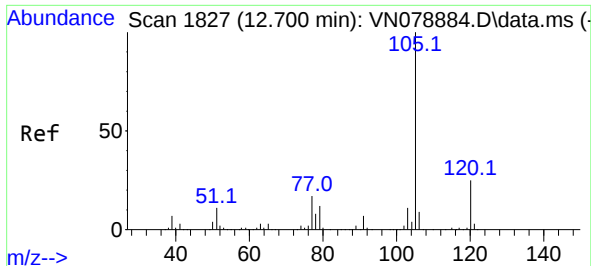
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

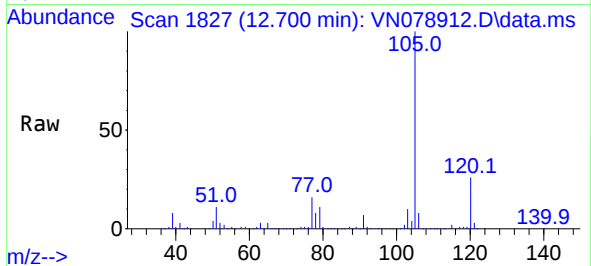
Tgt Ion:152 Resp: 142163
Ion Ratio Lower Upper
152 100
115 68.1 32.3 96.8
150 156.1 0.0 355.8





#73
Isopropylbenzene
Concen: 25.237 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

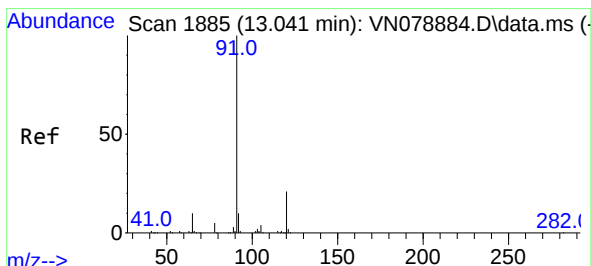
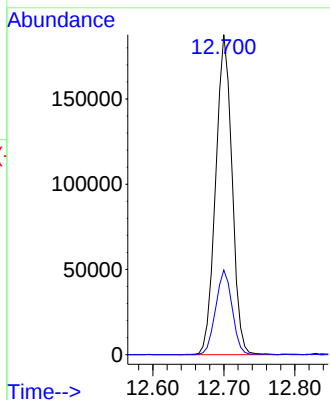
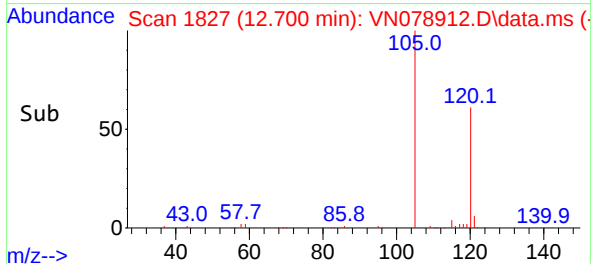
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB01-Z78-80



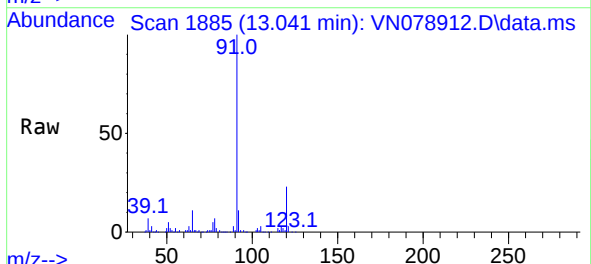
Tgt Ion:105 Resp: 299152
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

Manual Integrations
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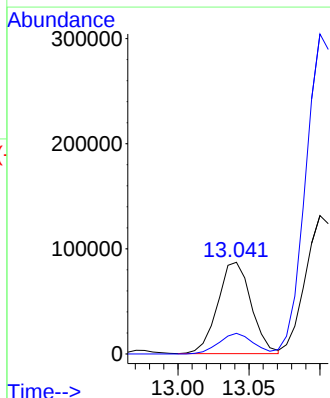
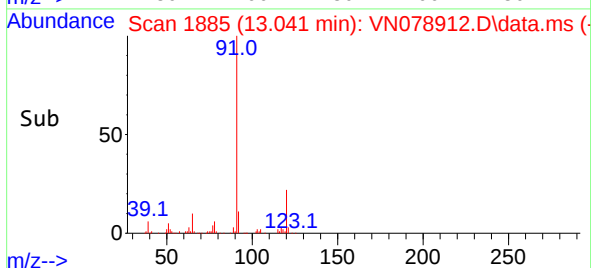
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

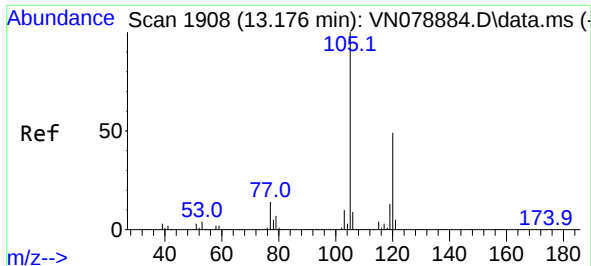


#78
n-propylbenzene
Concen: 10.342 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55



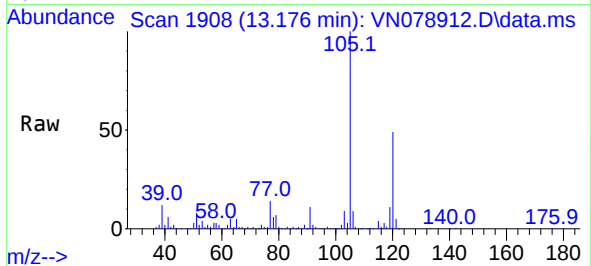
Tgt Ion: 91 Resp: 142152
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





#80
1,3,5-Trimethylbenzene
Concen: 34.041 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

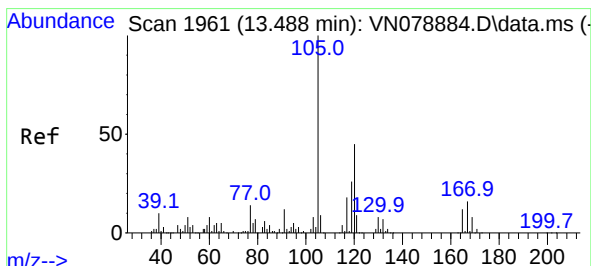
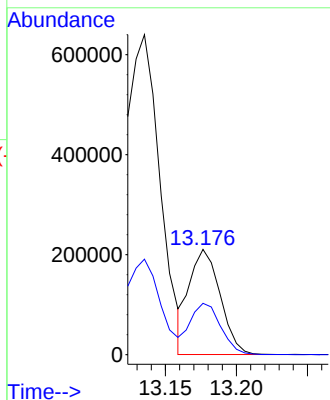
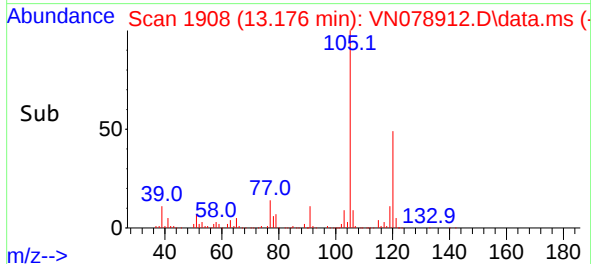
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB01-Z78-80



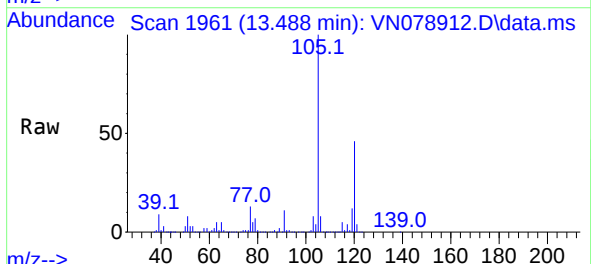
Tgt Ion:105 Resp: 31976
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3

Manual Integrations
APPROVED

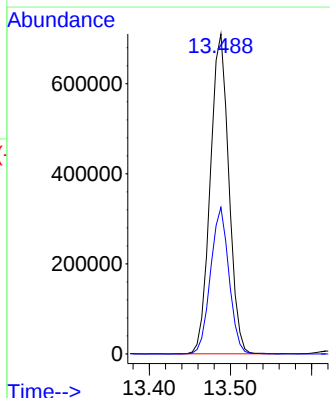
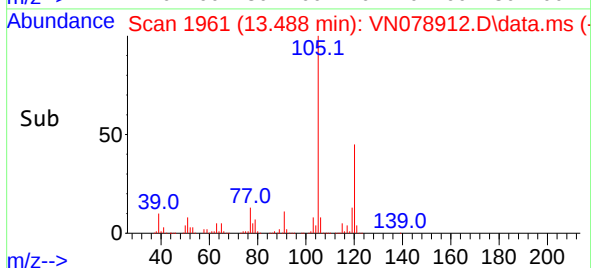
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

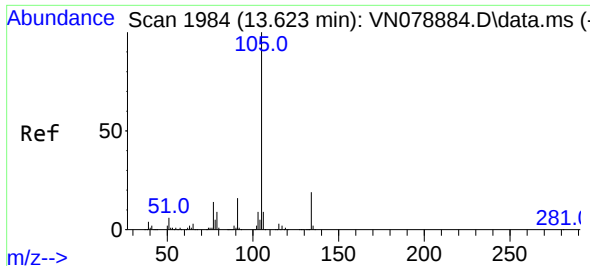


#84
1,2,4-Trimethylbenzene
Concen: 121.049 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55



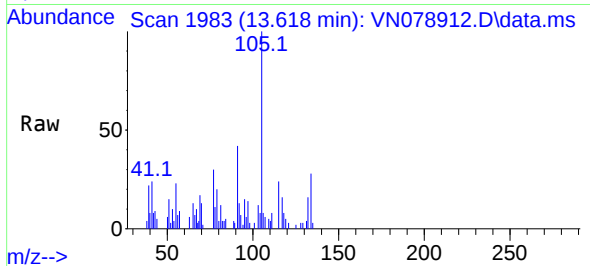
Tgt Ion:105 Resp: 1125929
Ion Ratio Lower Upper
105 100
120 45.5 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 1.023 ug/l m
 RT: 13.618 min Scan# 1984
 Delta R.T. -0.005 min
 Lab File: VN078912.D
 Acq: 16 Aug 2023 18:55

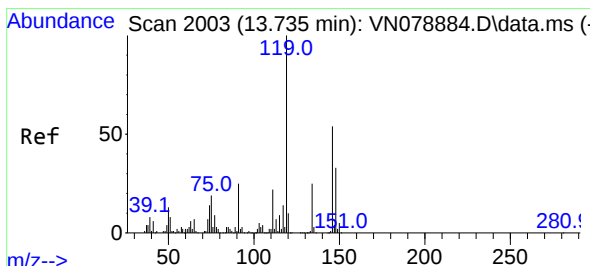
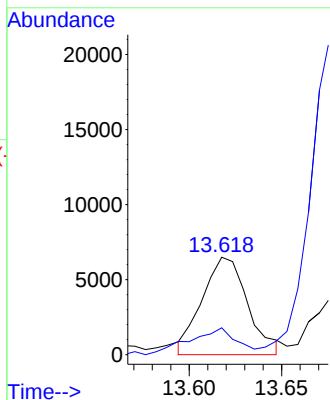
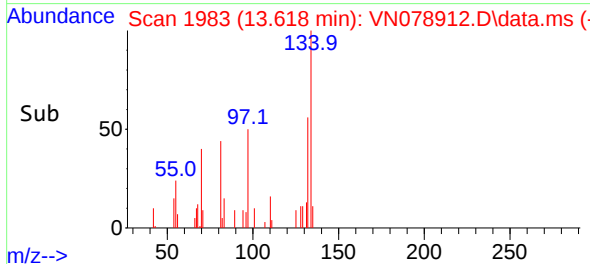
Instrument :
 MSVOA_N
 ClientSampleId :
 NEVINS-SB01-Z78-80



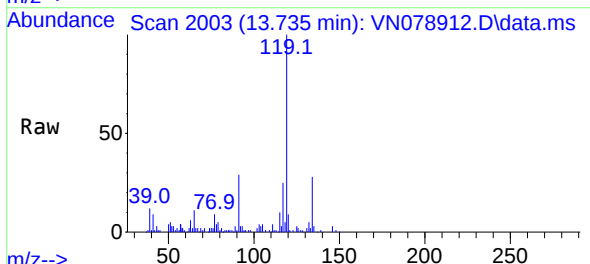
Tgt Ion:105 Resp: 1111
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/17/2023
 Supervised By :Mahesh Dadoda 08/17/2023



#86
 p-Isopropyltoluene
 Concen: 9.316 ug/l m
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078912.D
 Acq: 16 Aug 2023 18:55



Tgt Ion:119 Resp: 80849
 Ion Ratio Lower Upper
 119 100
 134 43.0 12.6 37.8#
 91 36.0 12.4 37.2

