

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040822\
 Data File : VN071921.D
 Acq On : 08 Apr 2022 17:56
 Operator : JC\MD
 Sample : N2308-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 INF0422

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/11/2022
 Supervised By : Mahesh Dadoda 04/11/2022

Quant Time: Apr 09 05:06:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	688433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1128807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1221191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	510493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	358627	45.631	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.260%		
35) Dibromofluoromethane	8.016	113	323969	48.773	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.540%		
50) Toluene-d8	10.439	98	1457160	53.626	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.260%		
62) 4-Bromofluorobenzene	12.727	95	549936	62.578	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	125.160%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.369	59	24667	19.340	ug/l #	72
31) Cyclohexane	8.092	56	506569	47.395	ug/l	98
39) Methylcyclohexane	9.457	83	274894	24.896	ug/l	98
40) Benzene	8.457	78	2512260	85.737	ug/l	100
52) Toluene	10.504	92	231203	12.482	ug/l	98
68) m/p-Xylenes	11.957	106	3012920	189.433	ug/l	98
69) o-Xylene	12.274	106	882278	55.887	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	1405298	41.231	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	99488	2.992	ug/l	99
86) p-Isopropyltoluene	13.610	119	24078m	0.748	ug/l	
95) Naphthalene	15.498	128	979150	42.719	ug/l	100

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

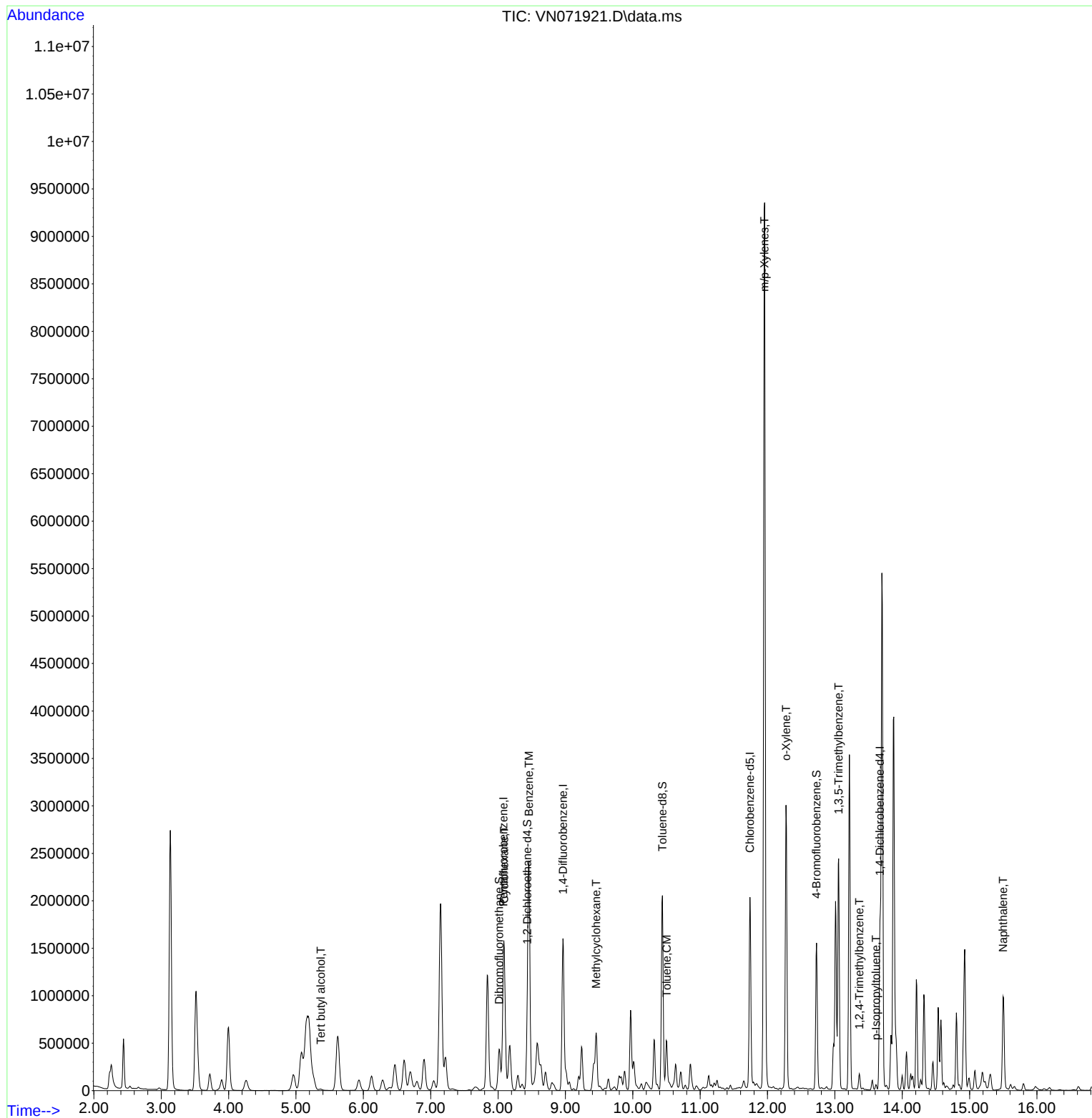
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040822\
Data File : VN071921.D
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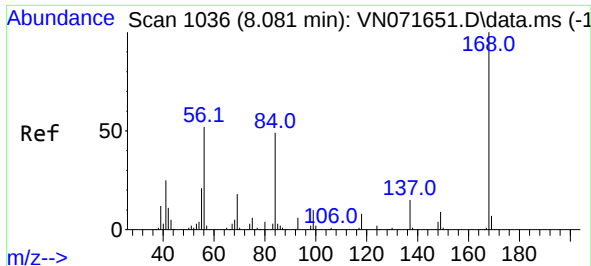
Instrument :
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Quant Time: Apr 09 05:06:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
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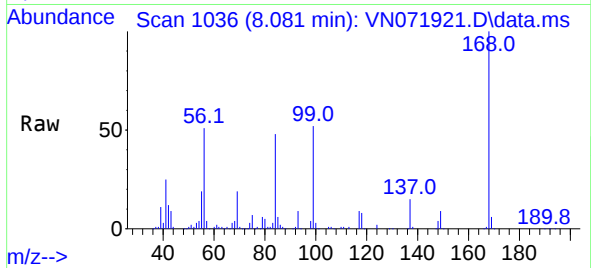
Reviewed By : John Carlone 04/11/2022
Supervised By : Mahesh Dadoda 04/11/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

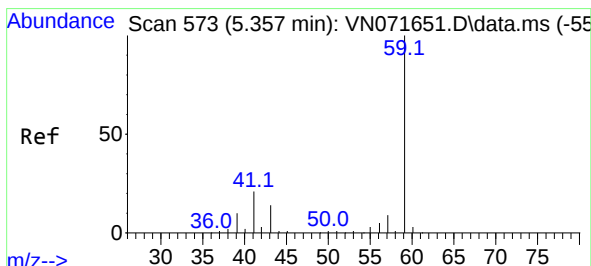
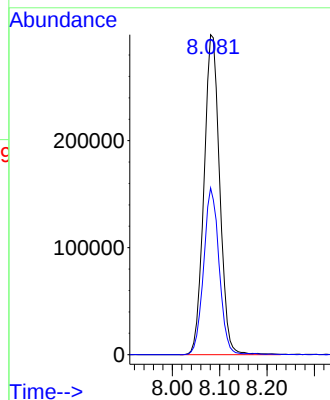
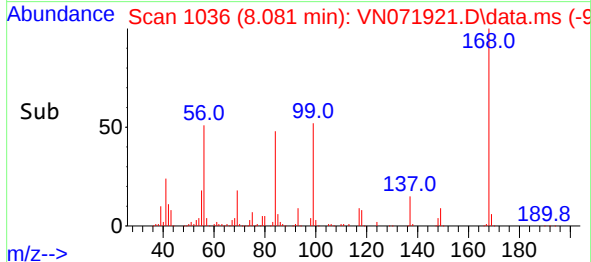
Instrument :
MSVOA_N
ClientSampleId :
INF0422



Tgt Ion:168 Resp: 68843
Ion Ratio Lower Upper
168 100
99 52.1 42.3 63.5

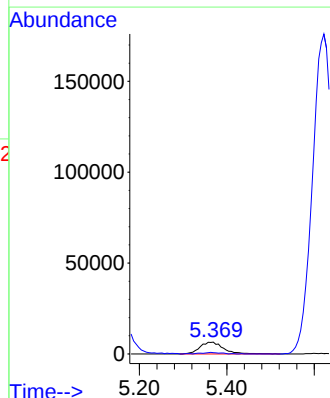
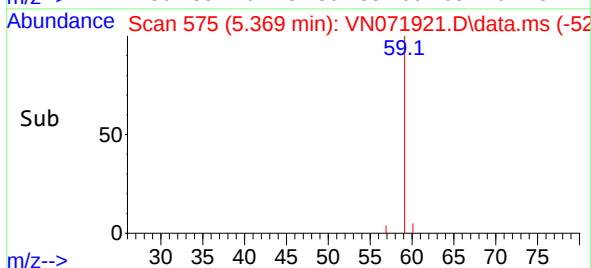
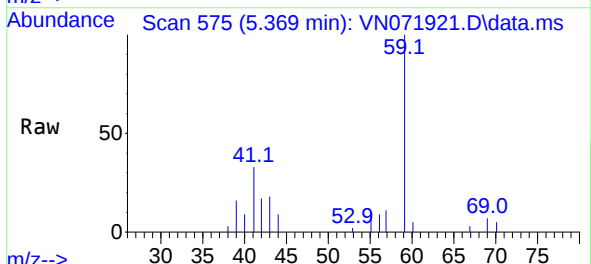
Manual Integrations
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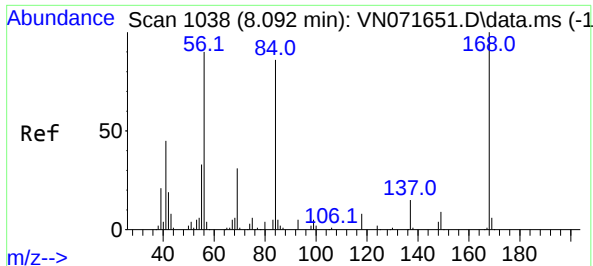
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#11
Tert butyl alcohol
Concen: 19.340 ug/l
RT: 5.369 min Scan# 575
Delta R.T. 0.012 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Tgt Ion: 59 Resp: 24667
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#31

Cyclohexane

Concen: 47.395 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN071921.D

Acq: 08 Apr 2022 17:56

Instrument :

MSVOA_N

ClientSampleId :

INF0422

Tgt Ion: 56 Resp: 50656

Ion Ratio Lower Upper

56 100

69 36.7 27.8 41.8

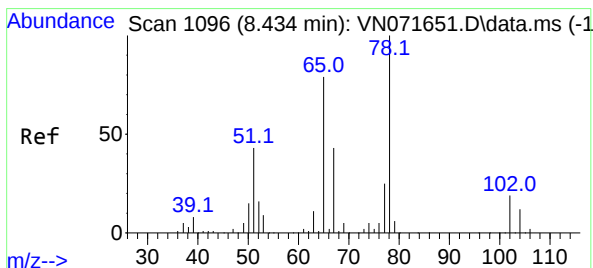
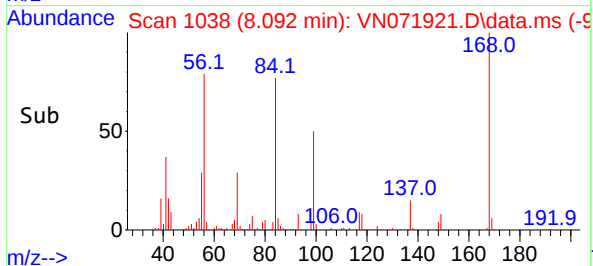
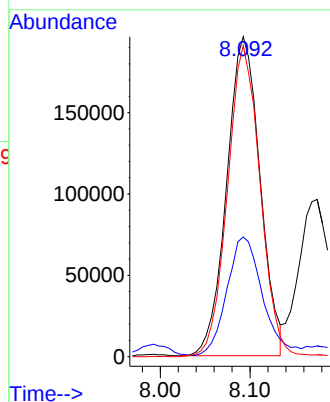
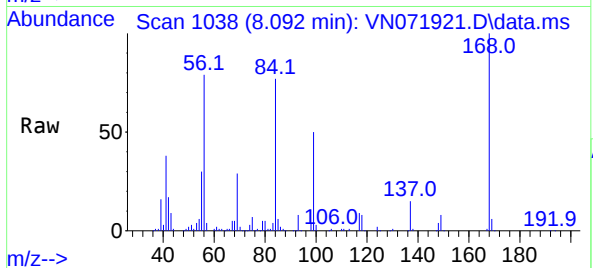
84 97.5 76.9 115.3

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#33

1,2-Dichloroethane-d4

Concen: 45.631 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071921.D

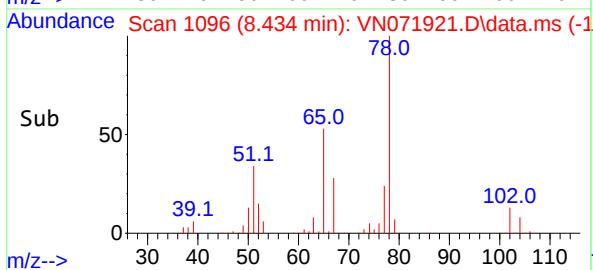
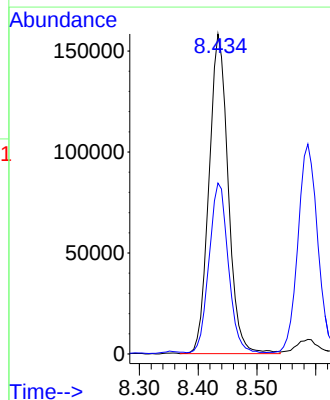
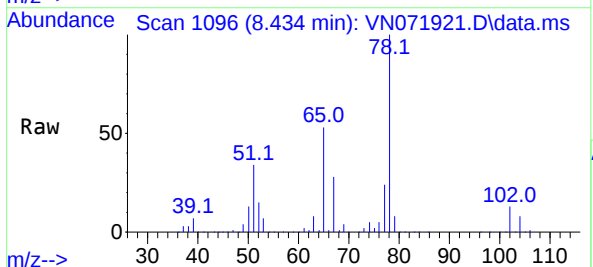
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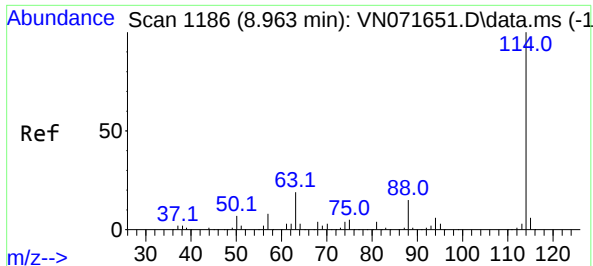
Tgt Ion: 65 Resp: 358627

Ion Ratio Lower Upper

65 100

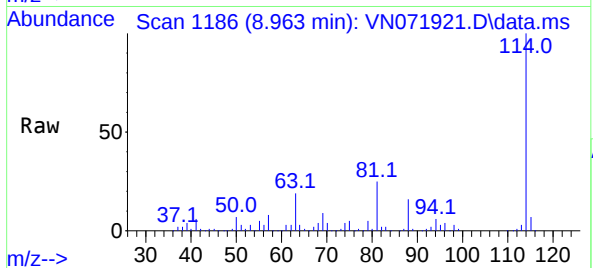
67 52.8 0.0 104.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

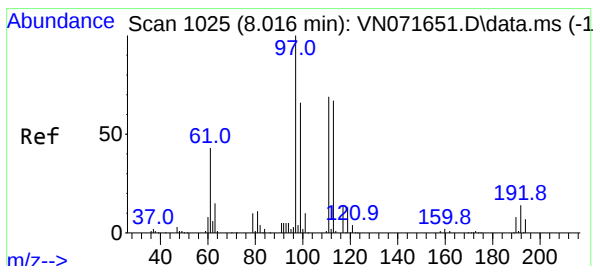
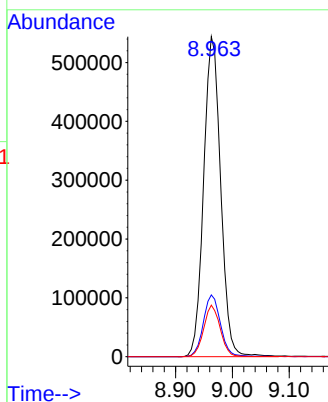
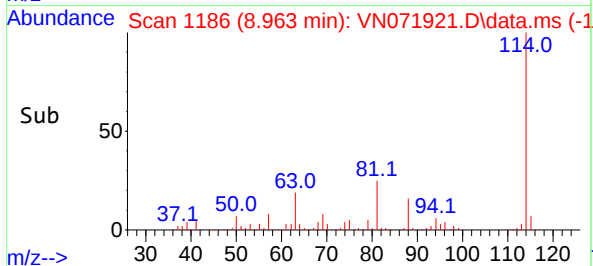
Instrument :
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INF0422



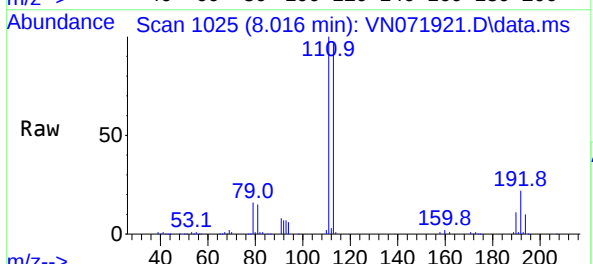
Tgt Ion:114 Resp: 112880
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.0
88 16.1 0.0 32.6

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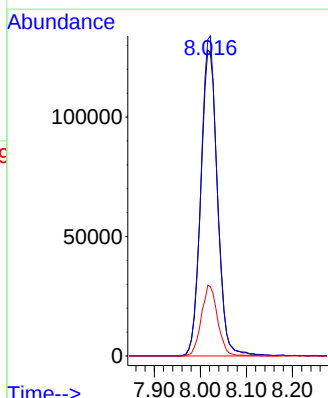
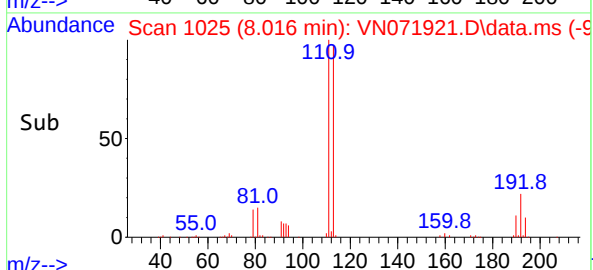
Reviewed By :John Carlone 04/11/2022
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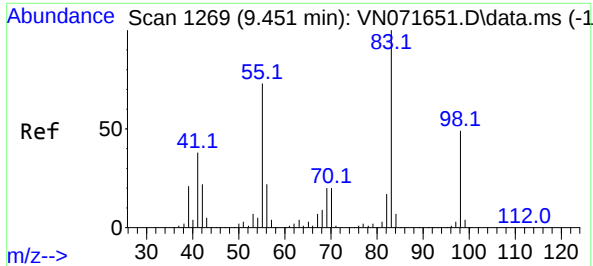


#35
Dibromofluoromethane
Concen: 48.773 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56



Tgt Ion:113 Resp: 323969
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 22.4 17.0 25.6





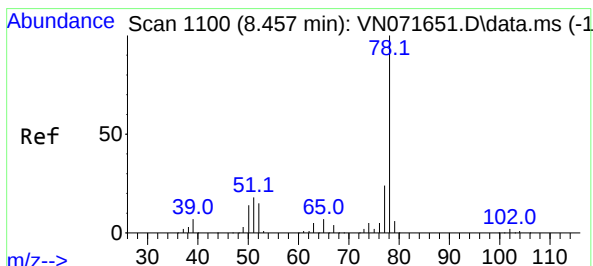
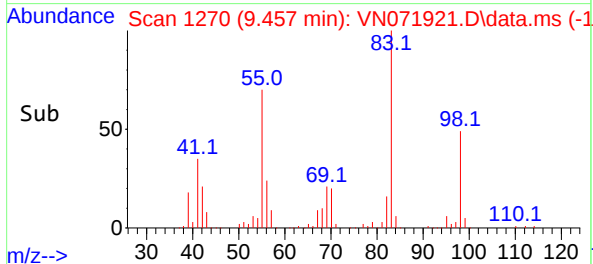
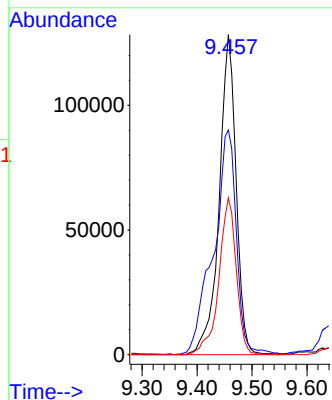
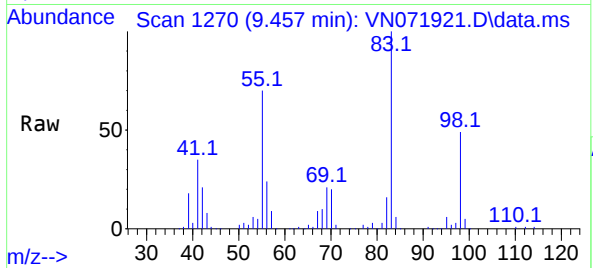
#39
Methylcyclohexane
Concen: 24.896 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Instrument :
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ClientSampleId :
INF0422

Tgt Ion: 83 Resp: 274894
Ion Ratio Lower Upper
83 100
55 70.0 57.8 86.8
98 49.0 39.4 59.2

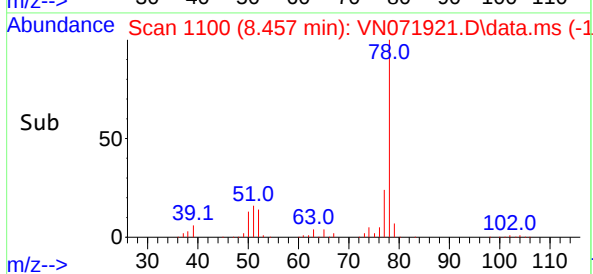
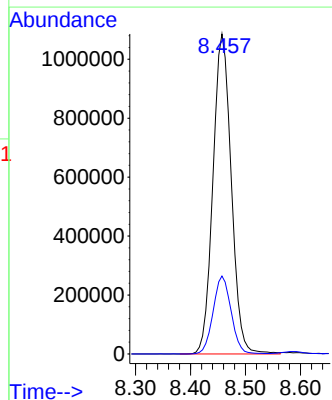
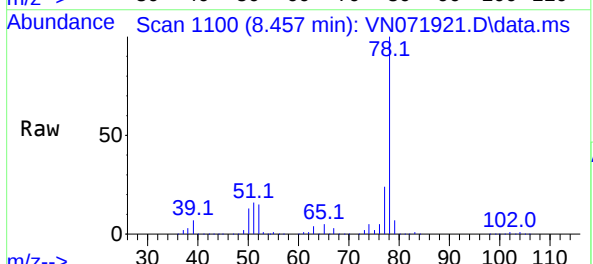
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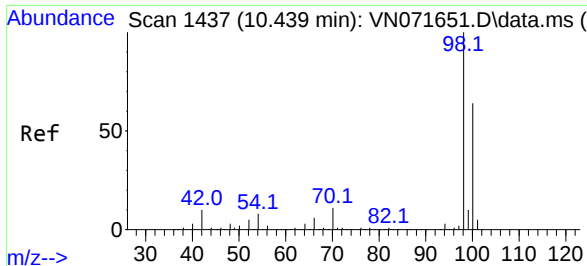
Reviewed By :John Carlone 04/11/2022
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#40
Benzene
Concen: 85.737 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

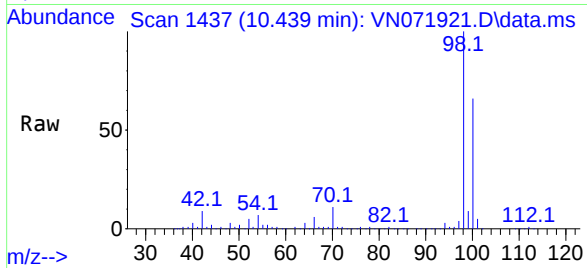
Tgt Ion: 78 Resp: 2512260
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0





#50
Toluene-d8
Concen: 53.626 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

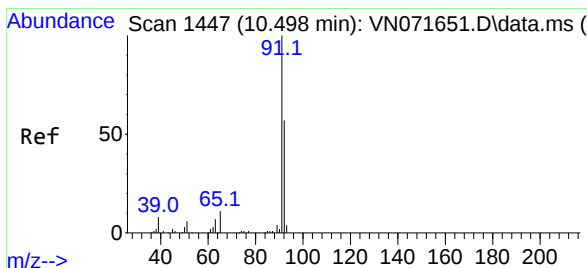
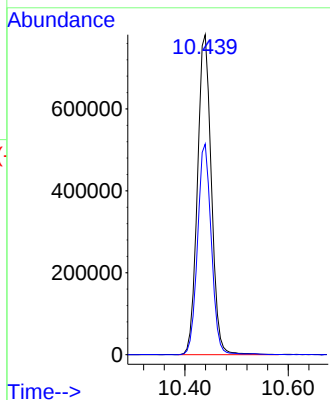
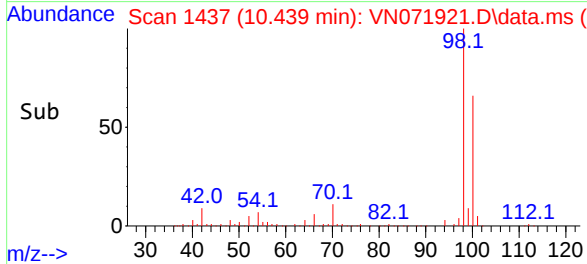
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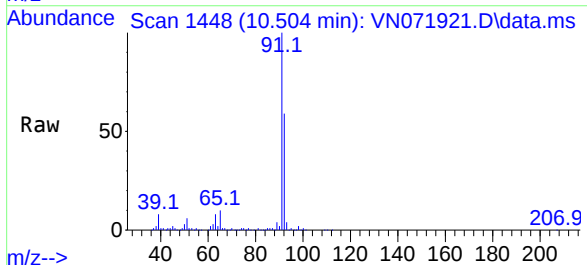
Tgt Ion: 98 Resp: 1457160
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

Manual Integrations
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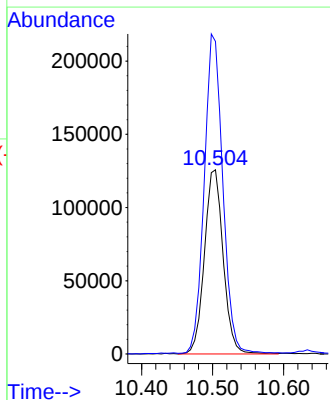
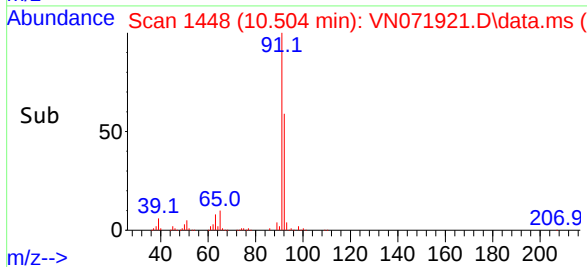
Reviewed By :John Carlone 04/11/2022
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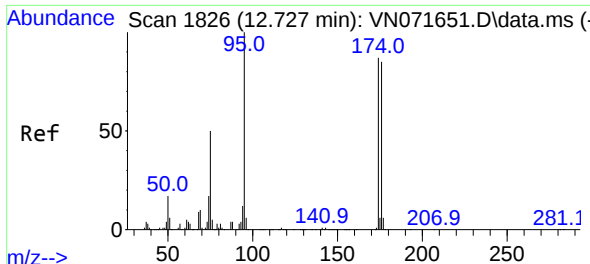


#52
Toluene
Concen: 12.482 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56



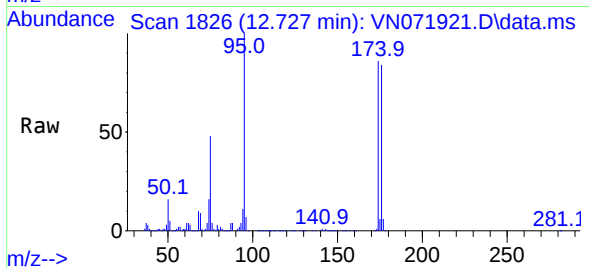
Tgt Ion: 92 Resp: 231203
Ion Ratio Lower Upper
92 100
91 171.0 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 62.578 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

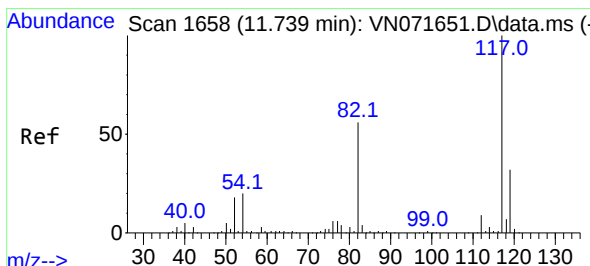
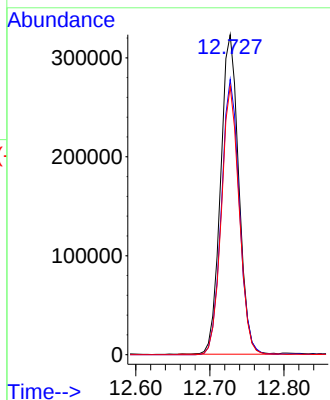
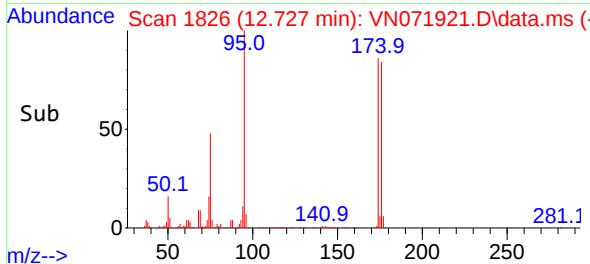
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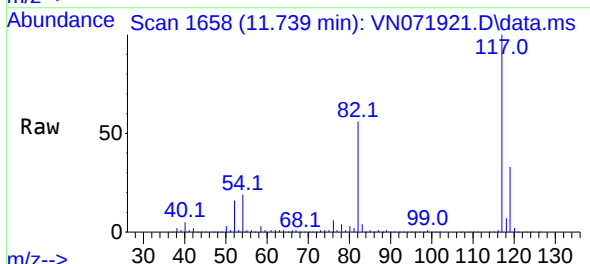
Tgt Ion: 95 Resp: 549930
Ion Ratio Lower Upper
95 100
174 84.9 0.0 167.6
176 82.1 0.0 163.4

Manual Integrations
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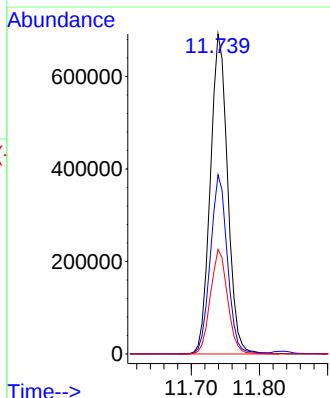
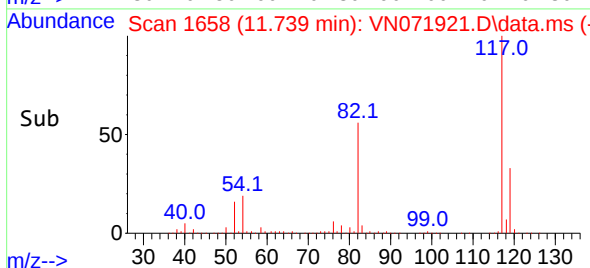
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

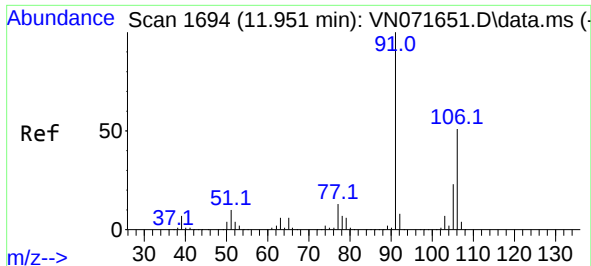


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56



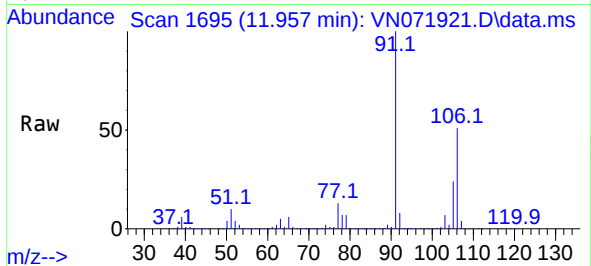
Tgt Ion:117 Resp: 1221191
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.2
119 32.6 25.4 38.0





#68
m/p-Xylenes
Concen: 189.433 ug/l
RT: 11.957 min Scan# 1695
Delta R.T. 0.006 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

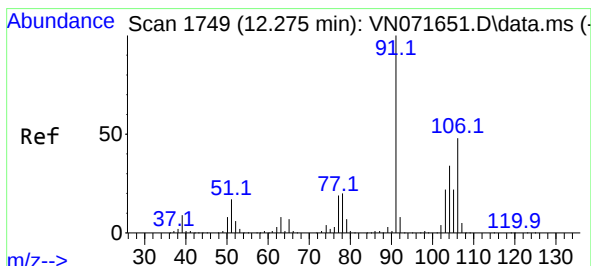
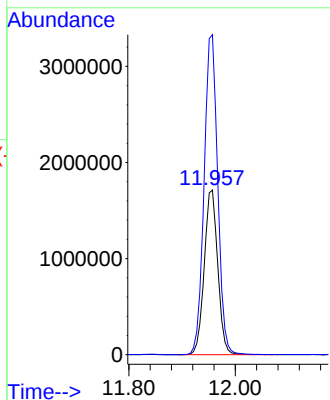
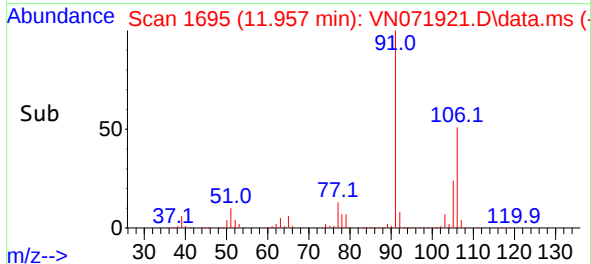
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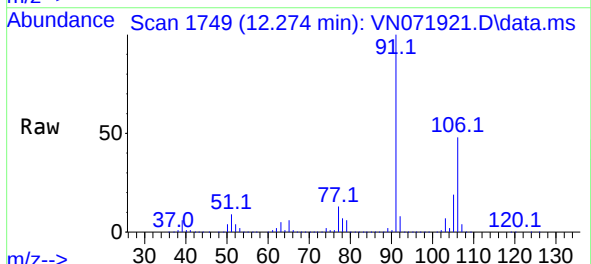
Tgt Ion:106 Resp: 3012920
Ion Ratio Lower Upper
106 100
91 196.2 158.9 238.3

Manual Integrations
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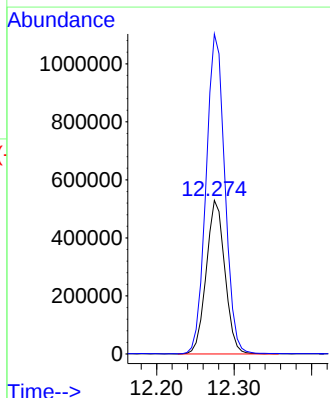
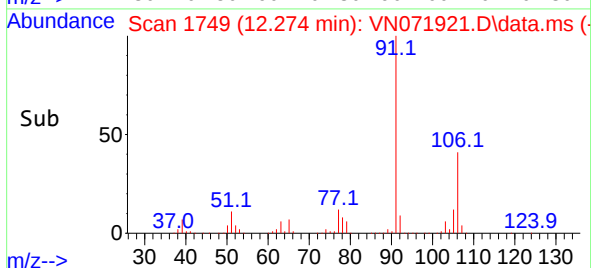
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

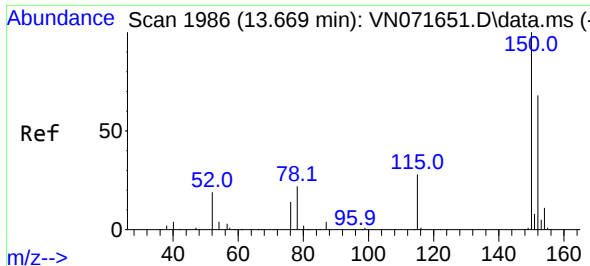


#69
o-Xylene
Concen: 55.887 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56



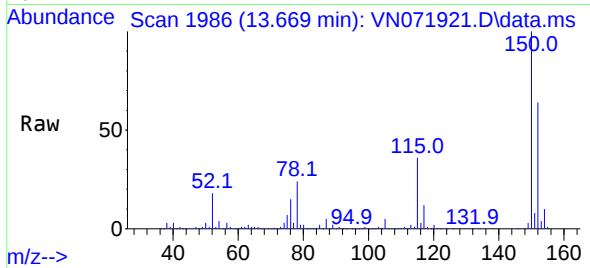
Tgt Ion:106 Resp: 882278
Ion Ratio Lower Upper
106 100
91 209.9 106.0 318.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.669 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN071921.D
 Acq: 08 Apr 2022 17:56

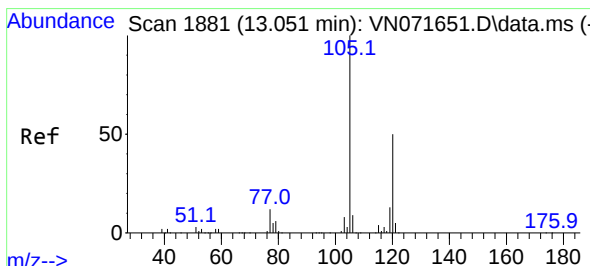
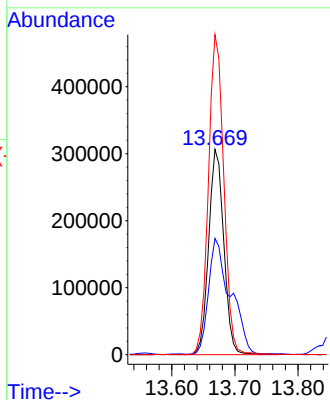
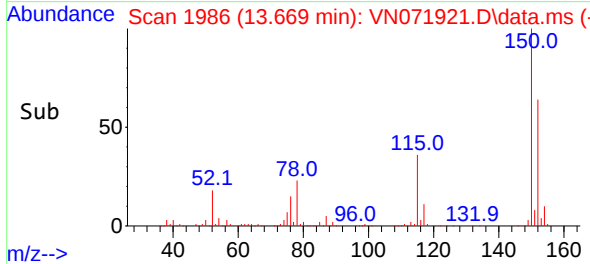
Instrument :
 MSVOA_N
 ClientSampleId :
 INF0422



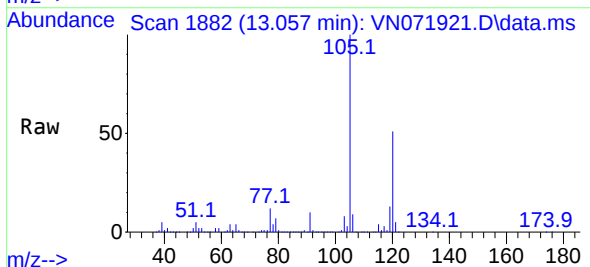
Tgt Ion:152 Resp: 510498
 Ion Ratio Lower Upper
 152 100
 115 81.2 28.9 86.7
 150 158.0 0.0 356.2

Manual Integrations
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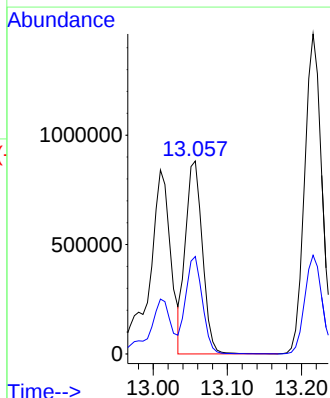
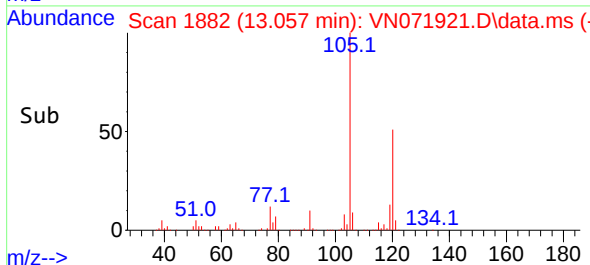
Reviewed By :John Carlone 04/11/2022
 Supervised By :Mahesh Dadoda 04/11/2022

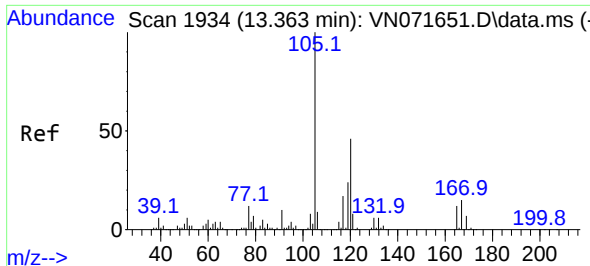


#80
 1,3,5-Trimethylbenzene
 Concen: 41.231 ug/l
 RT: 13.057 min Scan# 1882
 Delta R.T. 0.006 min
 Lab File: VN071921.D
 Acq: 08 Apr 2022 17:56



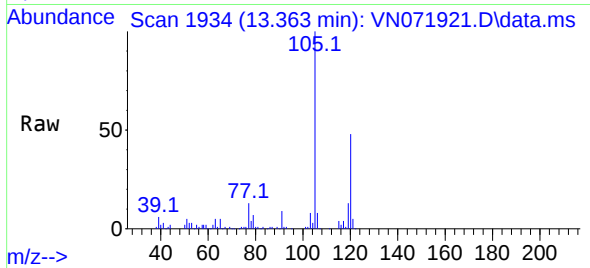
Tgt Ion:105 Resp: 1405298
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.9 74.7





#84
1,2,4-Trimethylbenzene
Concen: 2.992 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

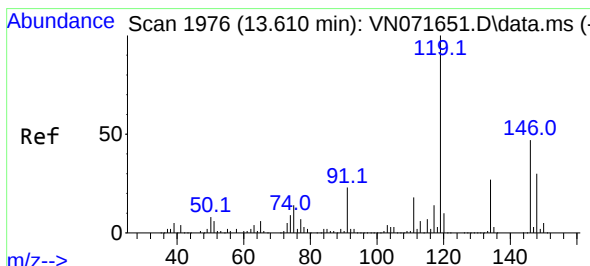
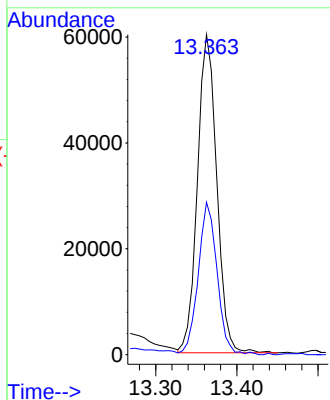
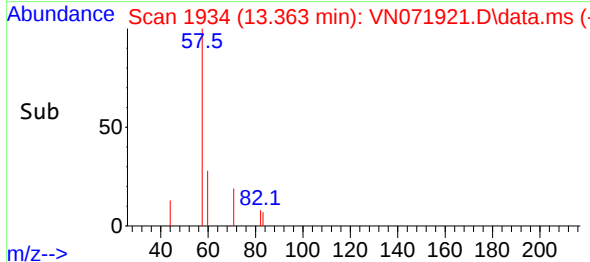
Instrument :
MSVOA_N
ClientSampleId :
INF0422



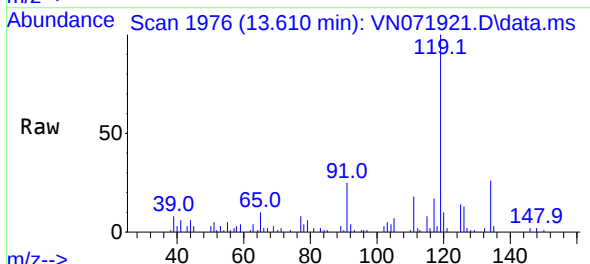
Tgt Ion:105 Resp: 99488
Ion Ratio Lower Upper
105 100
120 46.8 23.3 69.8

Manual Integrations
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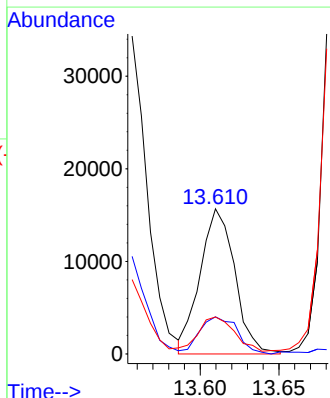
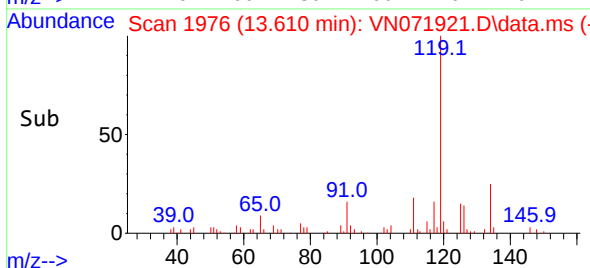
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

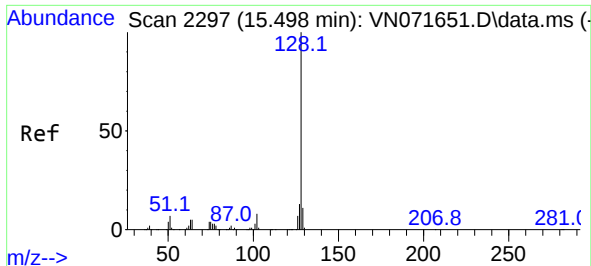


#86
p-Isopropyltoluene
Concen: 0.748 ug/l m
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56



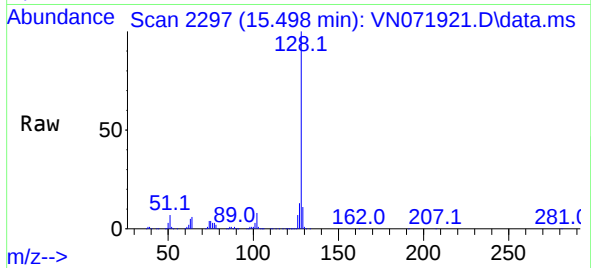
Tgt Ion:119 Resp: 24078
Ion Ratio Lower Upper
119 100
134 64.2 13.3 39.8#
91 53.0 11.3 33.9#





#95
Naphthalene
Concen: 42.719 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Instrument :
MSVOA_N
ClientSampleId :
INF0422



Tgt Ion:128 Resp: 979150
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

