

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011722\
 Data File : VN070658.D
 Acq On : 17 Jan 2022 20:43
 Operator : JC/MD
 Sample : N1148-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24

Quant Time: Jan 18 03:21:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/18/2022
 Supervised By : Mahesh Dadoda 01/18/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	820825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1413734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1283933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	505645	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.437	65	572805	48.535	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.060%
35) Dibromofluoromethane	8.021	113	413882	48.386	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.780%
50) Toluene-d8	10.440	98	1732297	49.575	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.140%
62) 4-Bromofluorobenzene	12.731	95	690134	54.683	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.360%

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.377	59	711058	361.848	ug/l #	71
22) Diisopropyl ether	6.498	45	190611	5.163	ug/l #	86
31) Cyclohexane	8.096	56	2847470	152.894	ug/l	86
39) Methylcyclohexane	9.459	83	1630417	95.173	ug/l	88
40) Benzene	8.461	78	13247563	305.373	ug/l	98
52) Toluene	10.505	92	112077	4.268	ug/l	95
67) Ethyl Benzene	11.843	91	1734500	34.750	ug/l	95
68) m/p-Xylenes	11.958	106	442591	24.360	ug/l	90
69) o-Xylene	12.280	106	46215	2.557	ug/l	89
73) Isopropylbenzene	12.578	105	406866	8.665	ug/l	97
78) n-propylbenzene	12.919	91	713948	13.723	ug/l	96
80) 1,3,5-Trimethylbenzene	13.058	105	167816	4.460	ug/l	97
84) 1,2,4-Trimethylbenzene	13.366	105	1136736	31.372	ug/l	96
85) sec-Butylbenzene	13.501	105	38943m	0.866	ug/l	
86) p-Isopropyltoluene	13.613	119	22548	0.638	ug/l #	78
89) n-Butylbenzene	13.940	91	27114m	0.920	ug/l	
95) Naphthalene	15.507	128	413223	19.088	ug/l	99

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

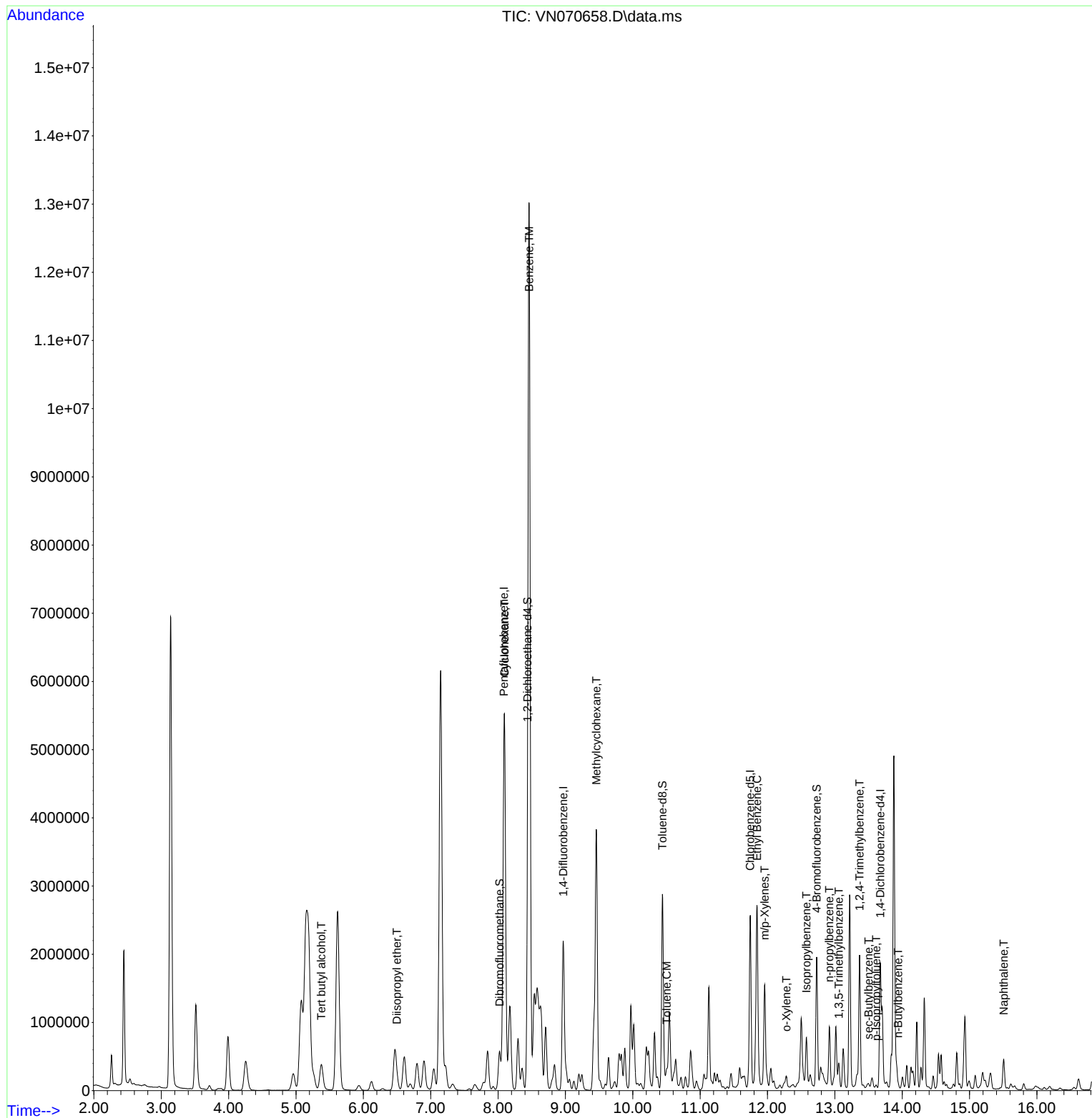
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011722\
Data File : VN070658.D
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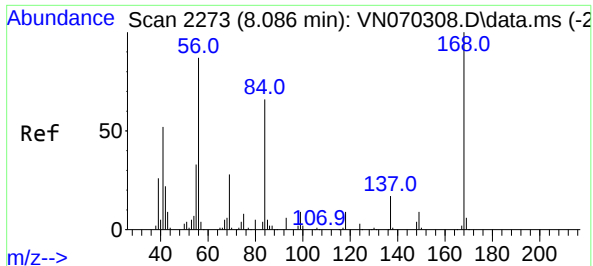
Instrument :
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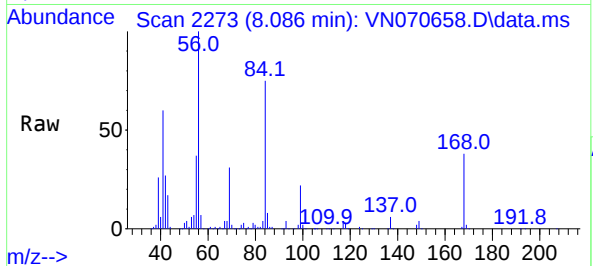
Quant Time: Jan 18 03:21:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN070658.D
Acq: 17 Jan 2022 20:43

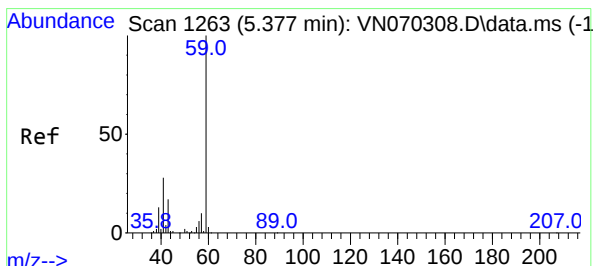
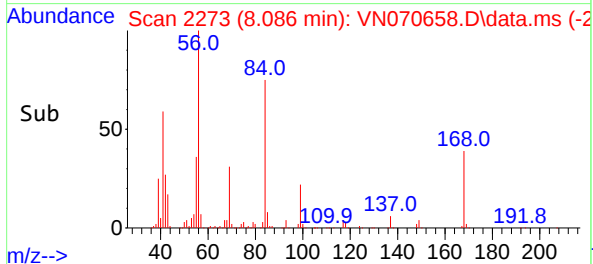
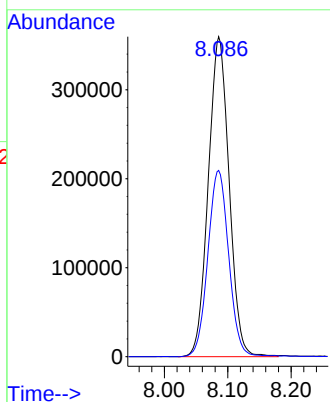
Instrument :
MSVOA_N
ClientSampleId :
MW-24



Tgt Ion:168 Resp: 820825
Ion Ratio Lower Upper
168 100
99 58.2 41.3 61.9

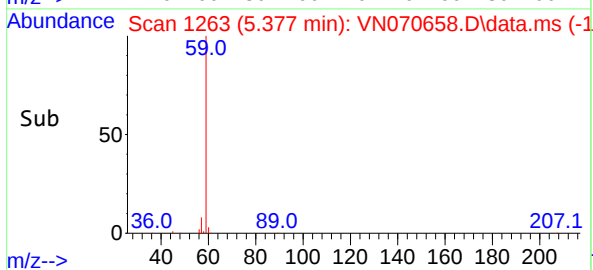
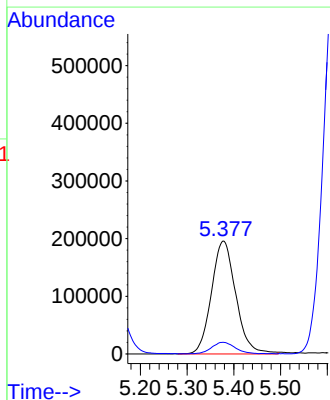
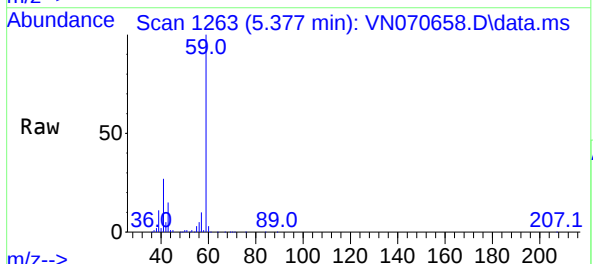
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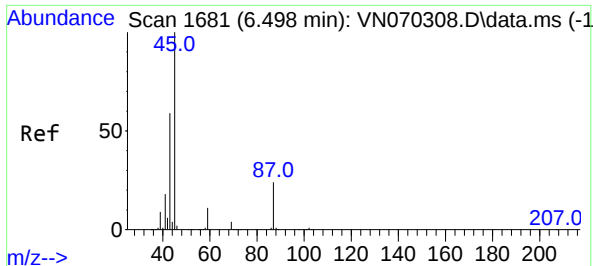
Reviewed By :John Carlone 01/18/2022
Supervised By :Mahesh Dadoda 01/18/2022



#11
Tert butyl alcohol
Concen: 361.848 ug/l
RT: 5.377 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VN070658.D
Acq: 17 Jan 2022 20:43

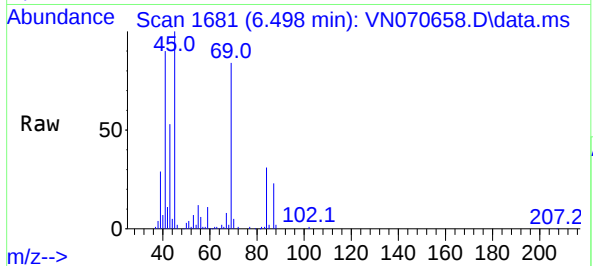
Tgt Ion: 59 Resp: 711058
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#22
Diisopropyl ether
Concen: 5.163 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN070658.D
Acq: 17 Jan 2022 20:43

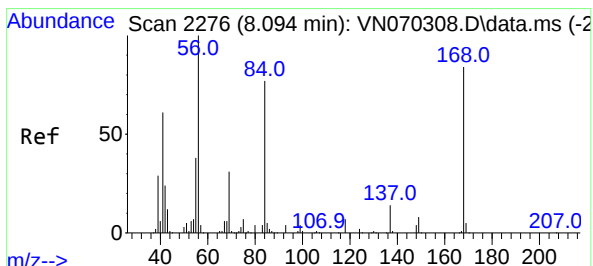
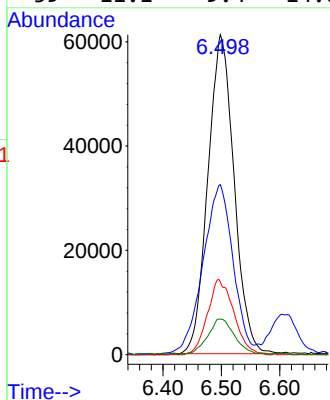
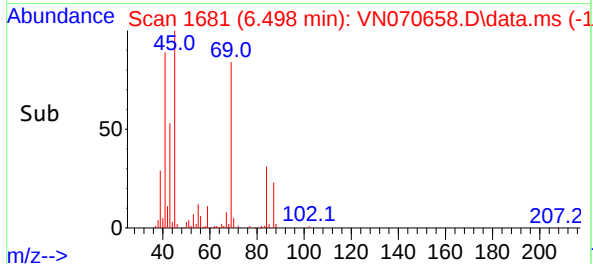
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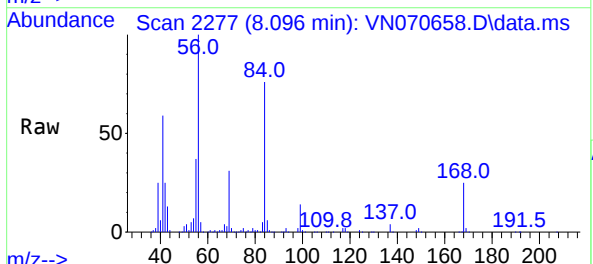
Tgt Ion: 45 Resp: 19061
Ion Ratio Lower Upper
45 100
43 51.4 51.7 77.5
87 22.9 23.2 34.8
59 11.1 9.4 14.0

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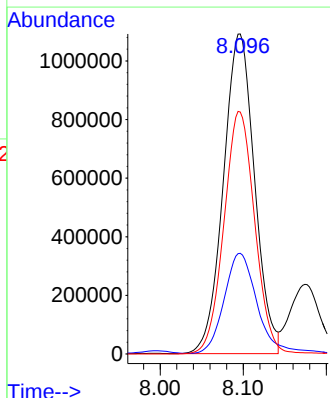
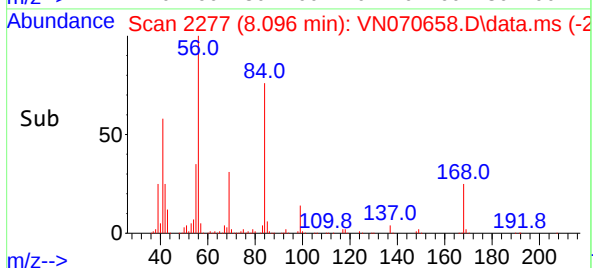
Reviewed By :John Carlone 01/18/2022
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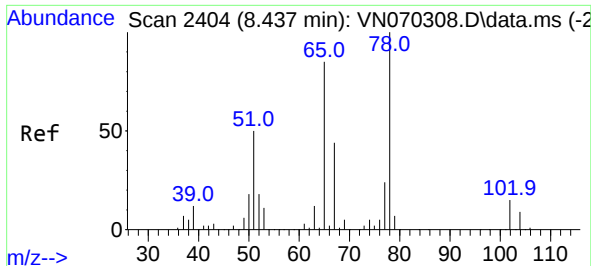


#31
Cyclohexane
Concen: 152.894 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. 0.002 min
Lab File: VN070658.D
Acq: 17 Jan 2022 20:43



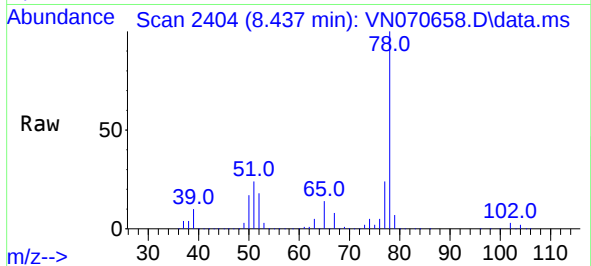
Tgt Ion: 56 Resp: 2847470
Ion Ratio Lower Upper
56 100
69 31.1 27.1 40.7
84 75.7 73.4 110.0





#33
1,2-Dichloroethane-d4
Concen: 48.535 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070658.D
Acq: 17 Jan 2022 20:43

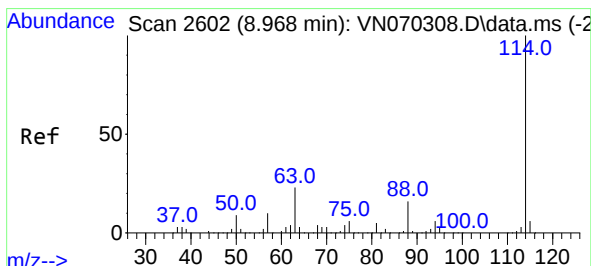
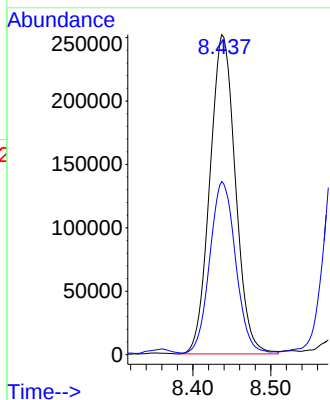
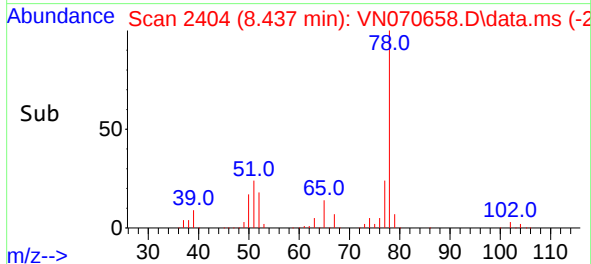
Instrument :
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ClientSampleId :
MW-24



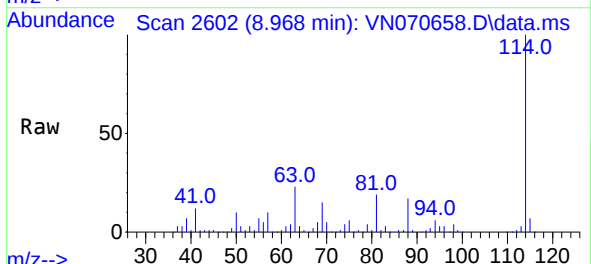
Tgt Ion: 65 Resp: 57280
Ion Ratio Lower Upper
65 100
67 54.0 0.0 103.0

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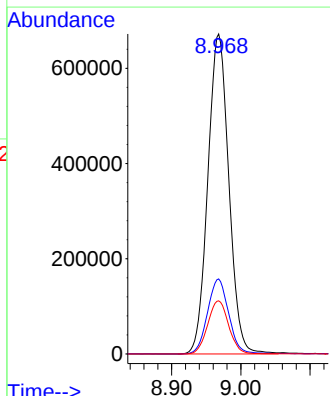
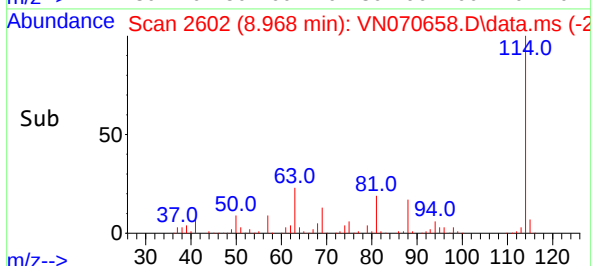
Reviewed By :John Carlone 01/18/2022
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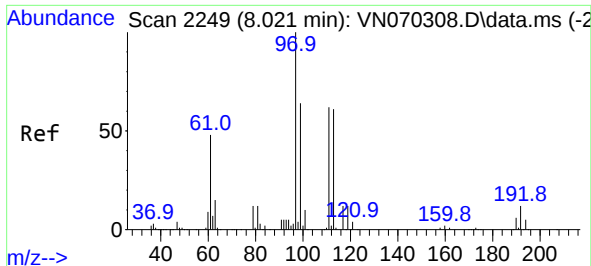


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070658.D
Acq: 17 Jan 2022 20:43



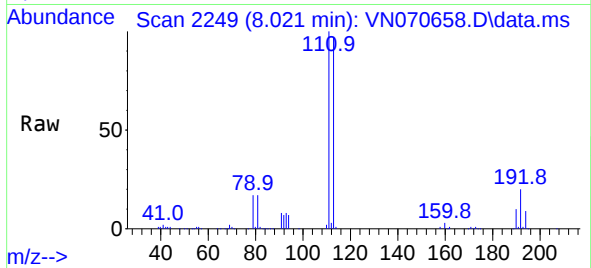
Tgt Ion:114 Resp: 1413734
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 16.6 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.386 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070658.D
Acq: 17 Jan 2022 20:43

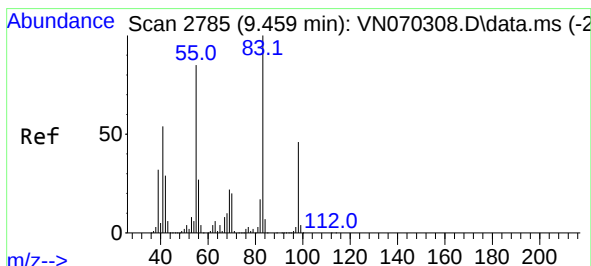
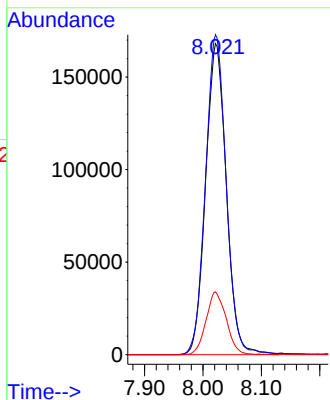
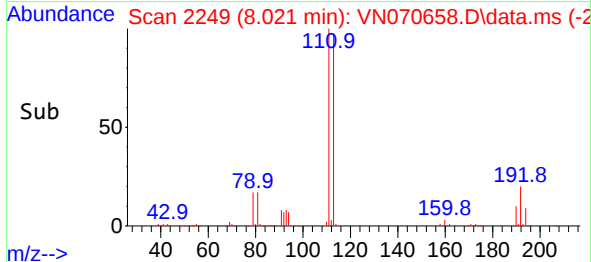
Instrument :
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ClientSampleId :
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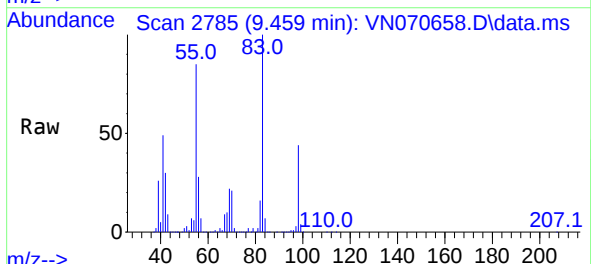
Tgt Ion: 113 Resp: 41388
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 19.7 16.9 25.3

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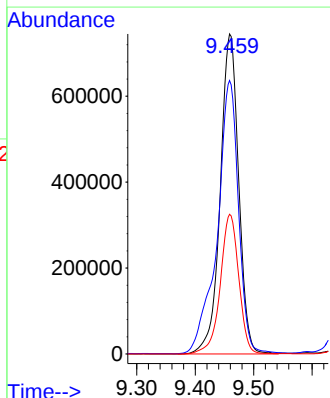
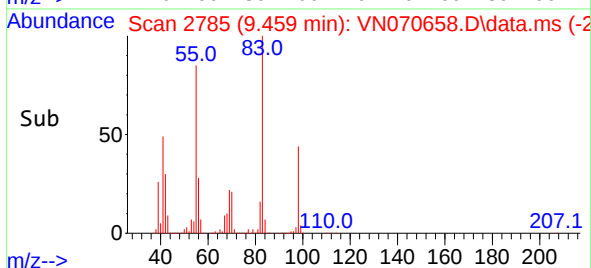
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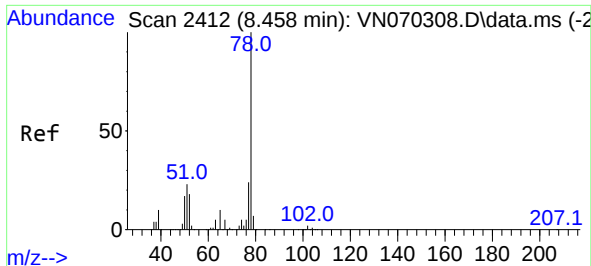


#39
Methylcyclohexane
Concen: 95.173 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VN070658.D
Acq: 17 Jan 2022 20:43



Tgt Ion: 83 Resp: 1630417
Ion Ratio Lower Upper
83 100
55 85.4 58.1 87.1
98 43.6 38.4 57.6





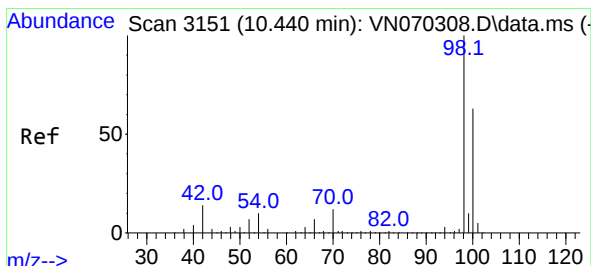
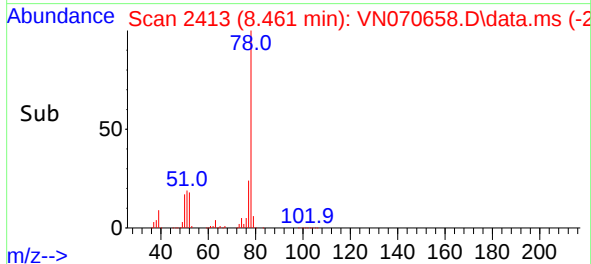
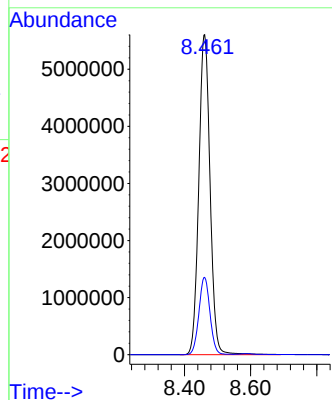
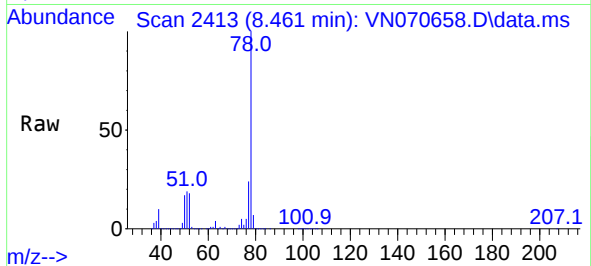
#40
Benzene
Concen: 305.373 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.003 min
Lab File: VN070658.D
Acq: 17 Jan 2022 20:43

Instrument :
MSVOA_N
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Tgt Ion: 78 Resp:1324756
Ion Ratio Lower Upper
78 100
77 24.2 18.6 27.8

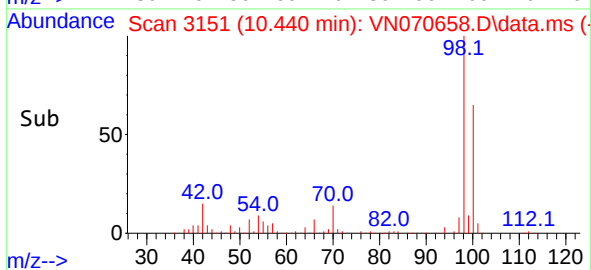
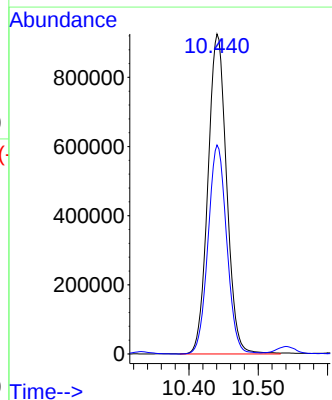
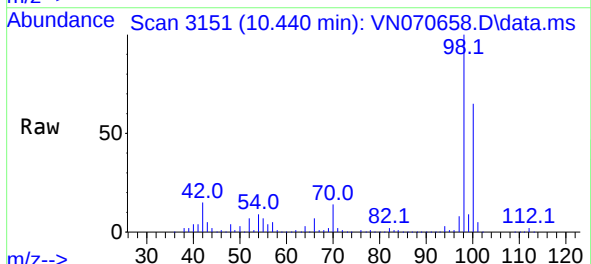
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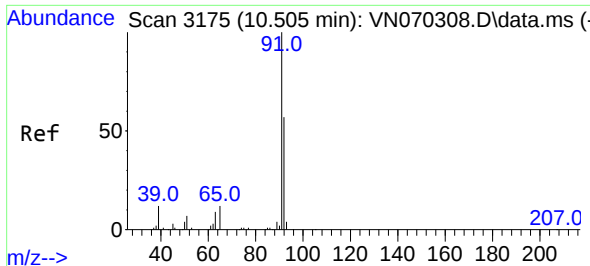
Reviewed By :John Carlone 01/18/2022
Supervised By :Mahesh Dadoda 01/18/2022



#50
Toluene-d8
Concen: 49.575 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070658.D
Acq: 17 Jan 2022 20:43

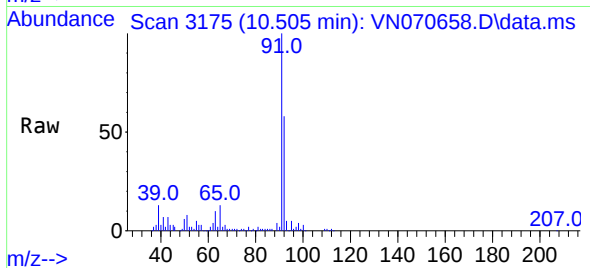
Tgt Ion: 98 Resp: 1732297
Ion Ratio Lower Upper
98 100
100 65.2 50.4 75.6





#52
Toluene
Concen: 4.268 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070658.D
Acq: 17 Jan 2022 20:43

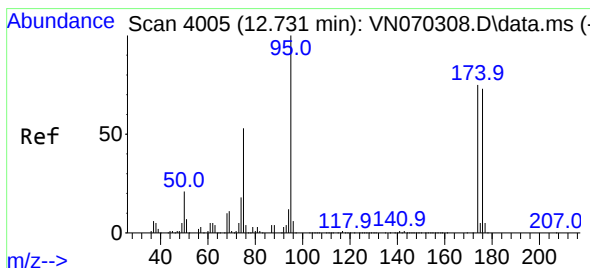
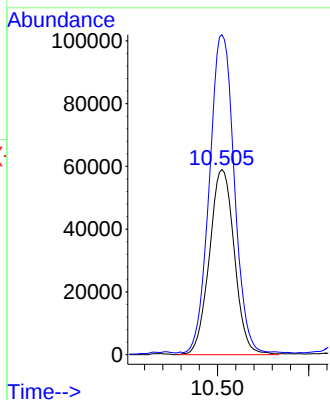
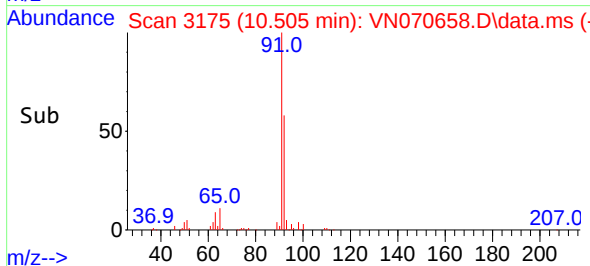
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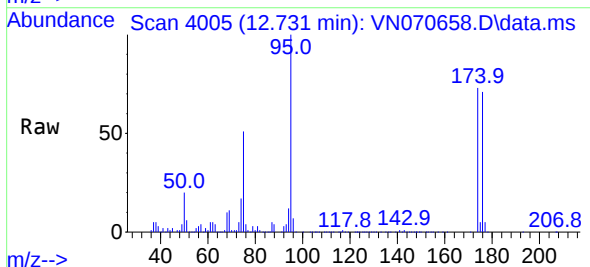
Tgt Ion: 92 Resp: 112072
Ion Ratio Lower Upper
92 100
91 170.6 142.0 213.0

Manual Integrations
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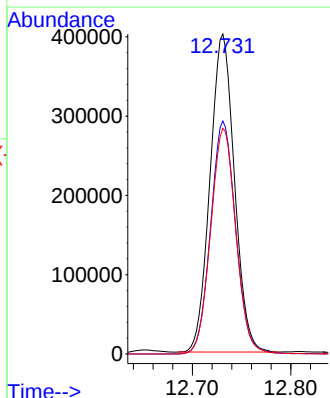
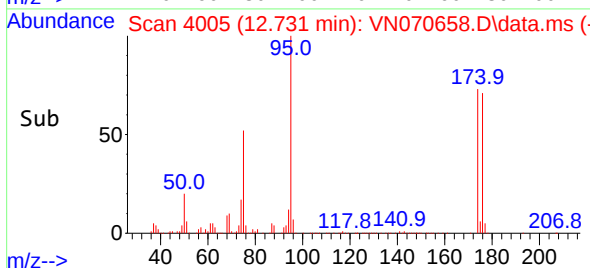
Reviewed By :John Carlone 01/18/2022
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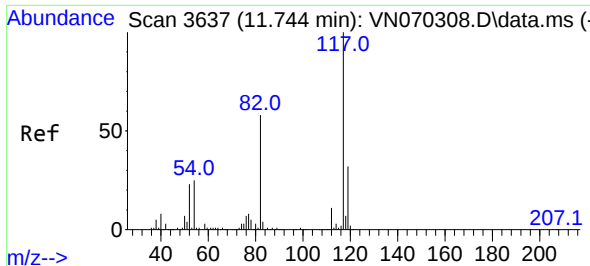


#62
4-Bromofluorobenzene
Concen: 54.683 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070658.D
Acq: 17 Jan 2022 20:43



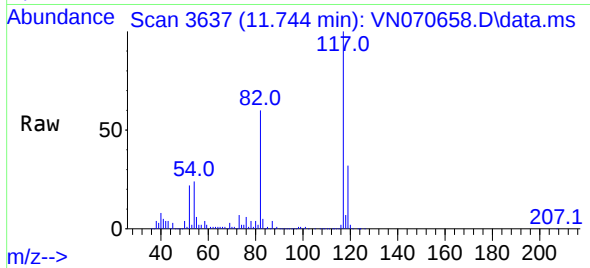
Tgt Ion: 95 Resp: 690134
Ion Ratio Lower Upper
95 100
174 75.3 0.0 187.2
176 73.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070658.D
Acq: 17 Jan 2022 20:43

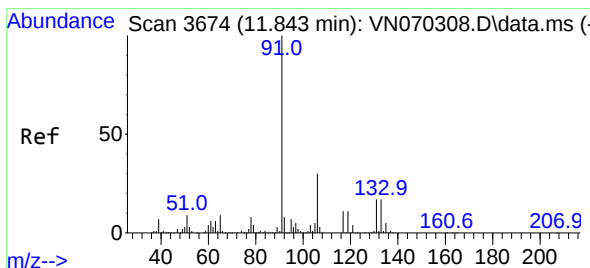
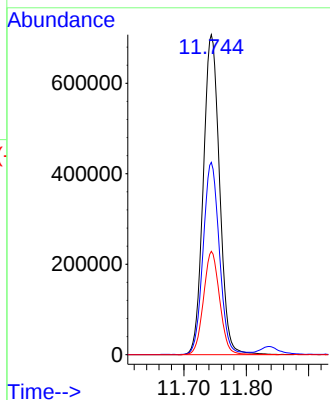
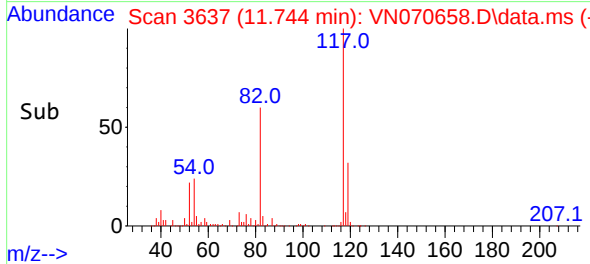
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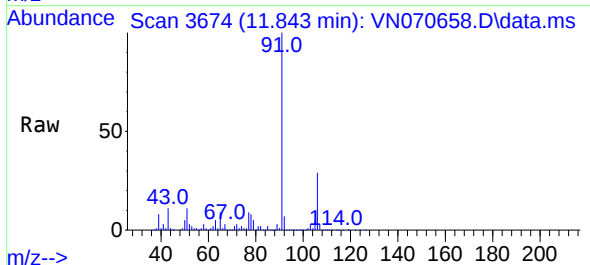
Tgt Ion: 117 Resp: 128393
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 32.3 25.4 38.2

Manual Integrations
APPROVED

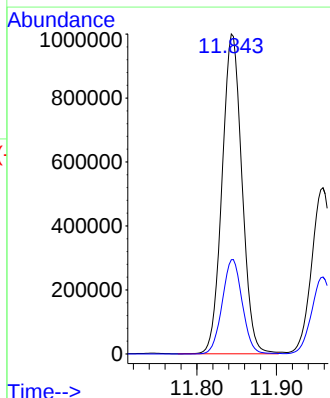
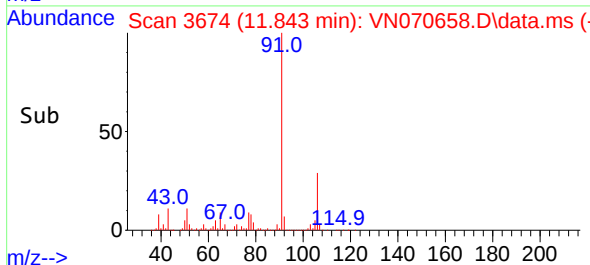
Reviewed By :John Carlone 01/18/2022
Supervised By :Mahesh Dadoda 01/18/2022

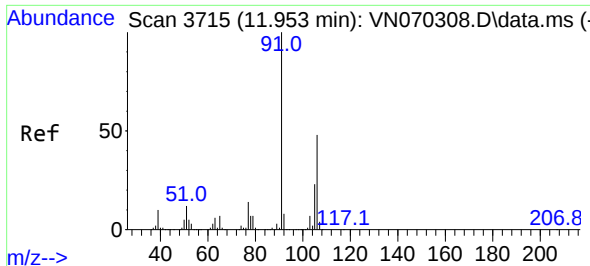


#67
Ethyl Benzene
Concen: 34.750 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070658.D
Acq: 17 Jan 2022 20:43



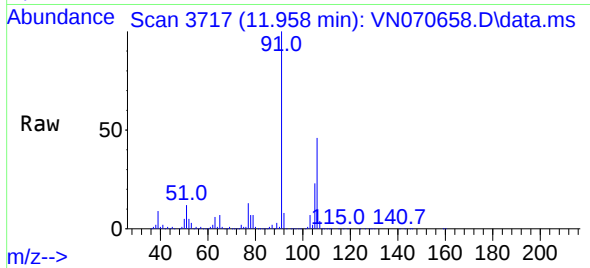
Tgt Ion: 91 Resp: 1734500
Ion Ratio Lower Upper
91 100
106 29.5 25.7 38.5





#68
m/p-Xylenes
Concen: 24.360 ug/l
RT: 11.958 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN070658.D
Acq: 17 Jan 2022 20:43

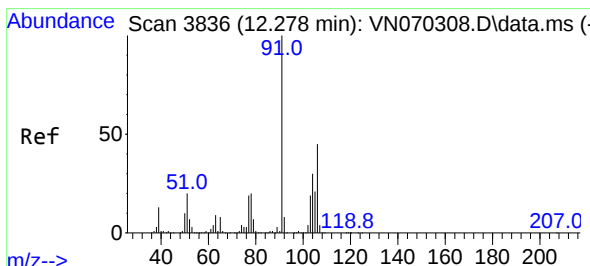
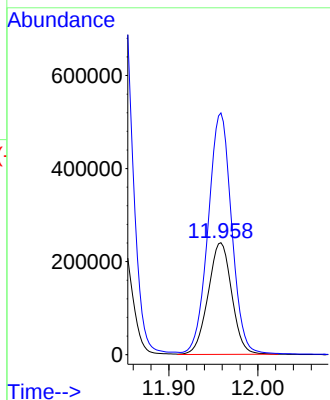
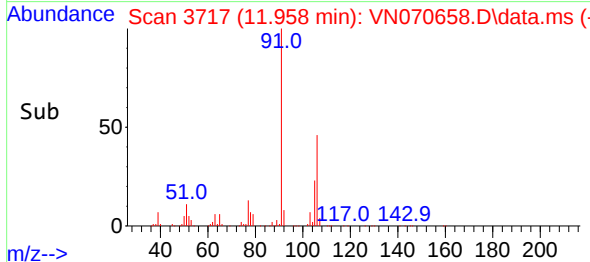
Instrument :
MSVOA_N
ClientSampleId :
MW-24



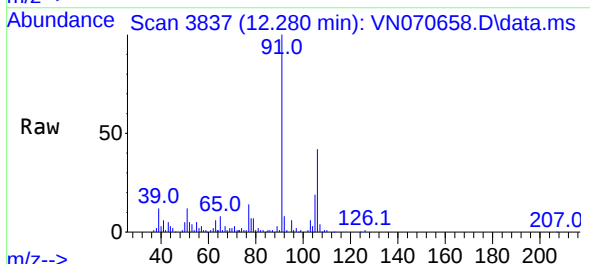
Tgt Ion:106 Resp: 44259
Ion Ratio Lower Upper
106 100
91 216.2 160.6 240.8

Manual Integrations
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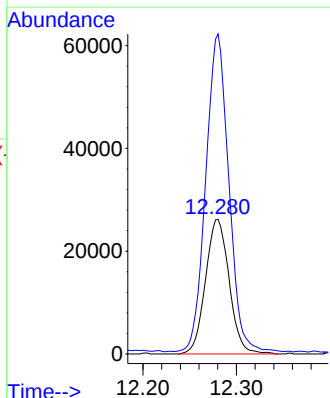
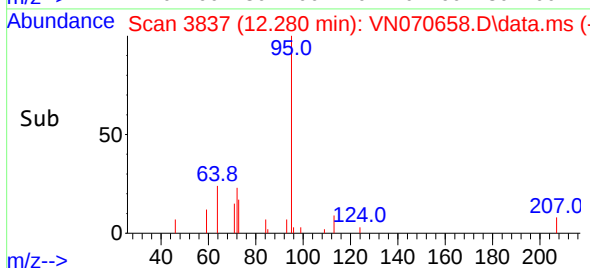
Reviewed By :John Carlone 01/18/2022
Supervised By :Mahesh Dadoda 01/18/2022

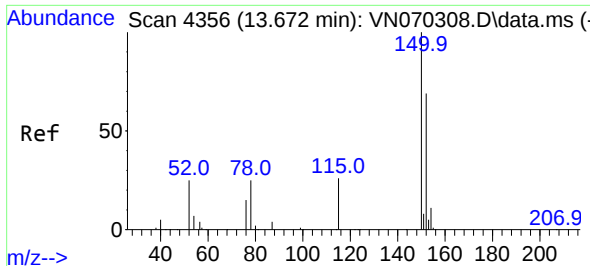


#69
o-Xylene
Concen: 2.557 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070658.D
Acq: 17 Jan 2022 20:43



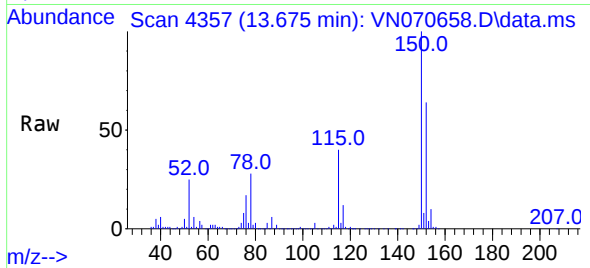
Tgt Ion:106 Resp: 46215
Ion Ratio Lower Upper
106 100
91 228.4 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4356
Delta R.T. 0.003 min
Lab File: VN070658.D
Acq: 17 Jan 2022 20:43

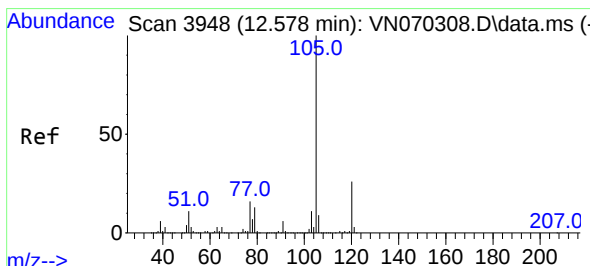
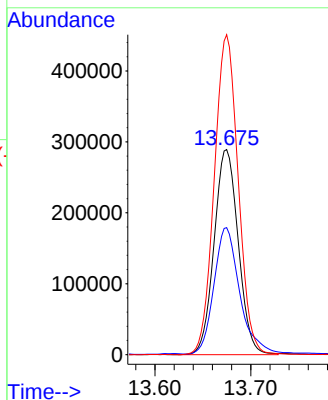
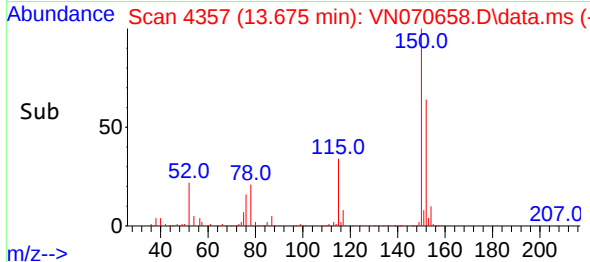
Instrument :
MSVOA_N
ClientSampleId :
MW-24



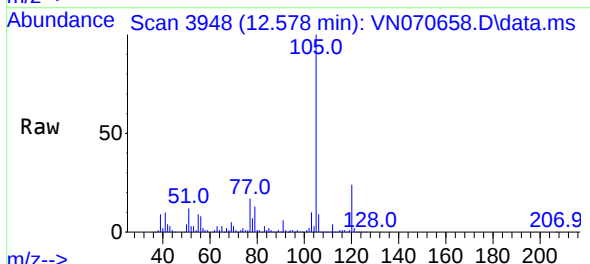
Tgt Ion:152 Resp: 50564
Ion Ratio Lower Upper
152 100
115 66.0 27.5 82.5
150 154.7 0.0 344.4

Manual Integrations
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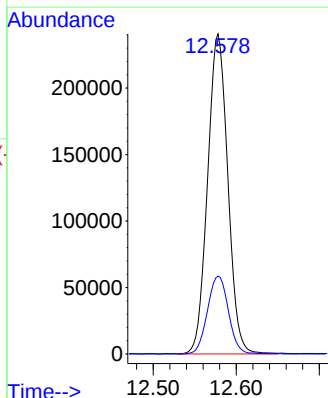
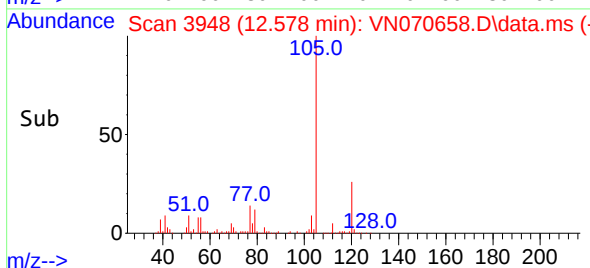
Reviewed By :John Carlone 01/18/2022
Supervised By :Mahesh Dadoda 01/18/2022

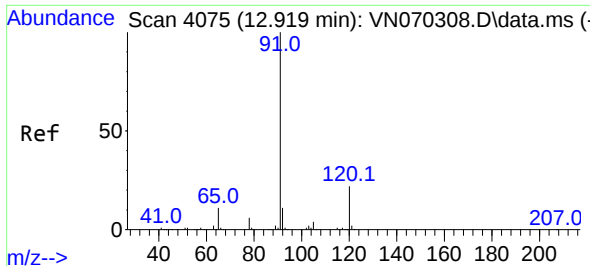


#73
Isopropylbenzene
Concen: 8.665 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070658.D
Acq: 17 Jan 2022 20:43



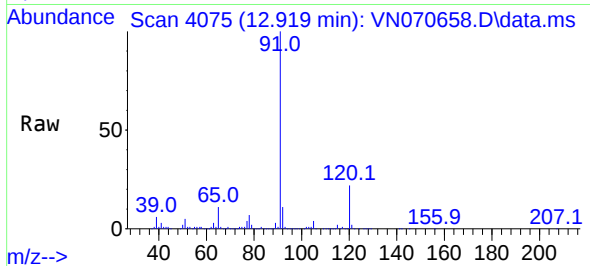
Tgt Ion:105 Resp: 406866
Ion Ratio Lower Upper
105 100
120 25.2 13.4 40.1





#78
n-propylbenzene
Concen: 13.723 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070658.D
Acq: 17 Jan 2022 20:43

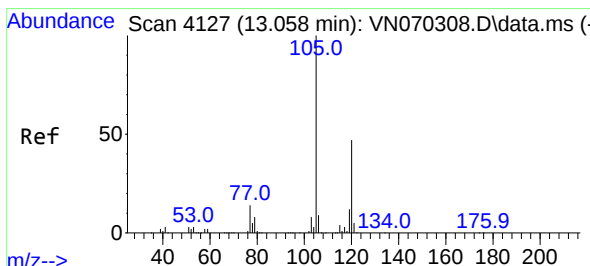
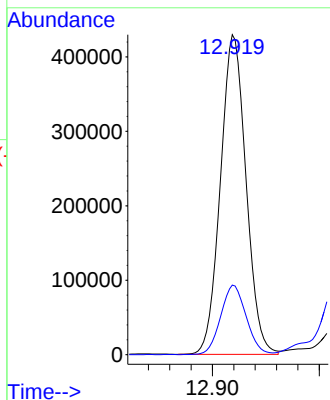
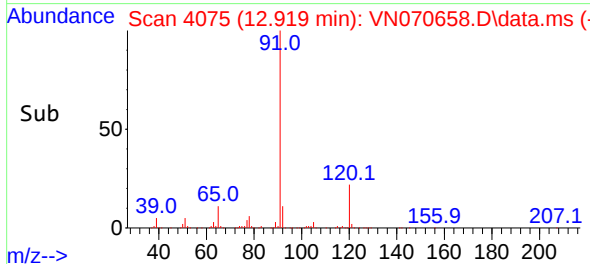
Instrument :
MSVOA_N
ClientSampleId :
MW-24



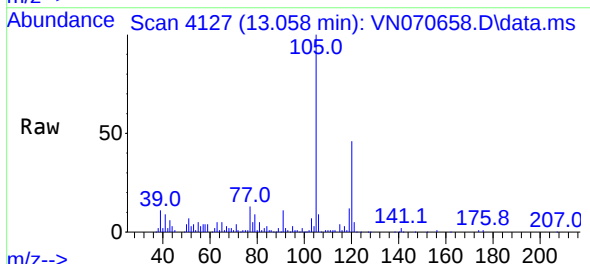
Tgt Ion: 91 Resp: 713948
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9

Manual Integrations
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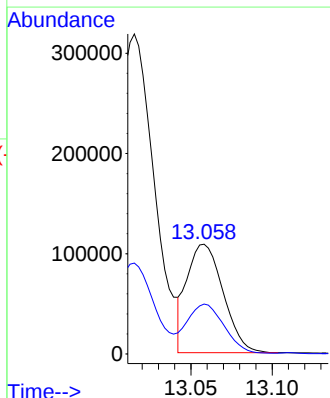
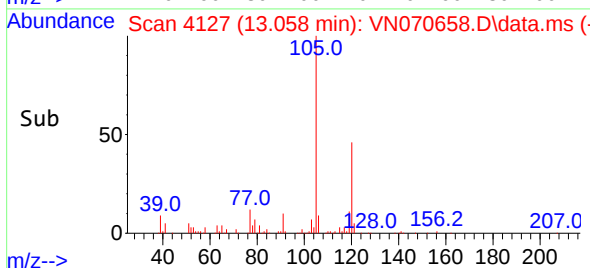
Reviewed By :John Carlone 01/18/2022
Supervised By :Mahesh Dadoda 01/18/2022

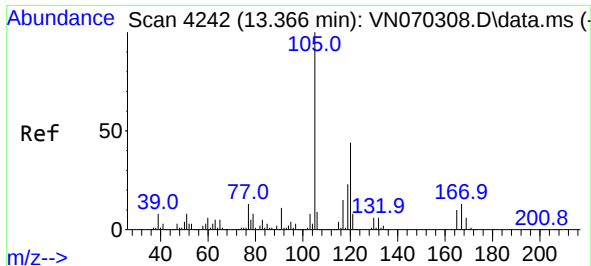


#80
1,3,5-Trimethylbenzene
Concen: 4.460 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070658.D
Acq: 17 Jan 2022 20:43



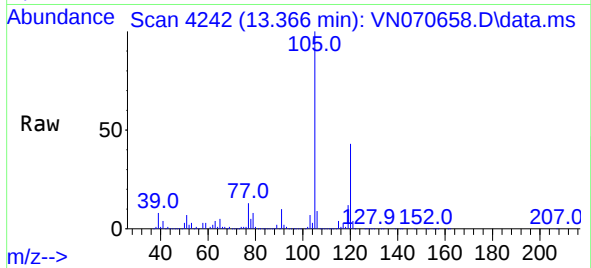
Tgt Ion:105 Resp: 167816
Ion Ratio Lower Upper
105 100
120 47.0 24.6 73.6





#84
1,2,4-Trimethylbenzene
Concen: 31.372 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.000 min
Lab File: VN070658.D
Acq: 17 Jan 2022 20:43

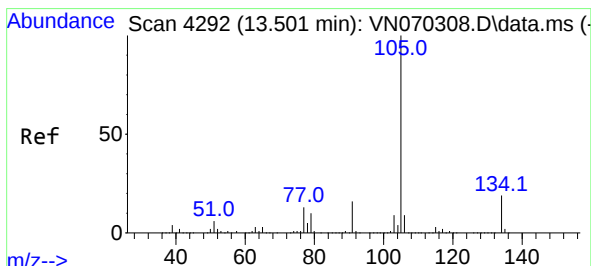
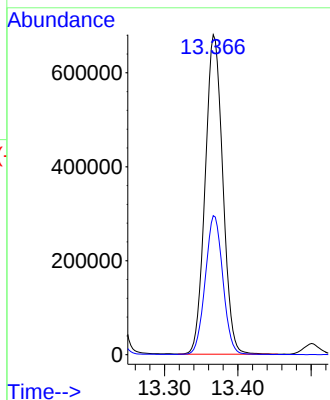
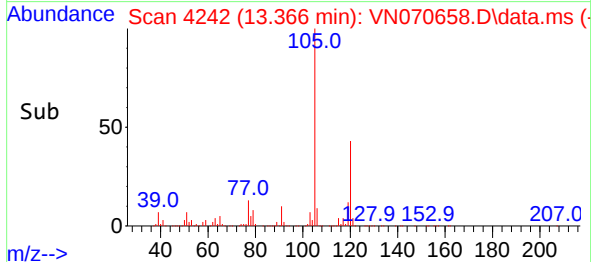
Instrument :
MSVOA_N
ClientSampleId :
MW-24



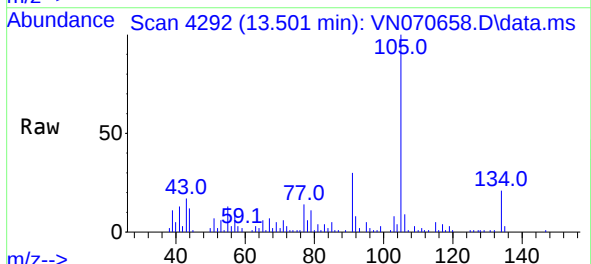
Tgt Ion:105 Resp: 1136730
Ion Ratio Lower Upper
105 100
120 43.2 22.8 68.4

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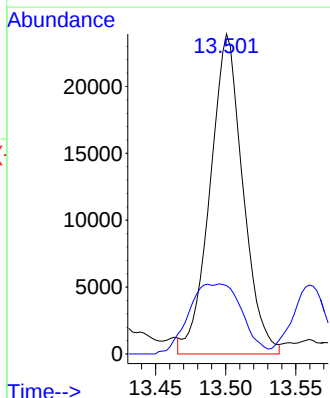
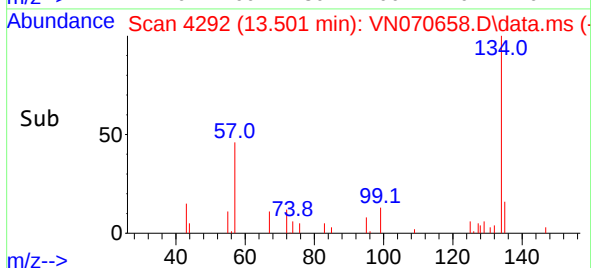
Reviewed By :John Carlone 01/18/2022
Supervised By :Mahesh Dadoda 01/18/2022

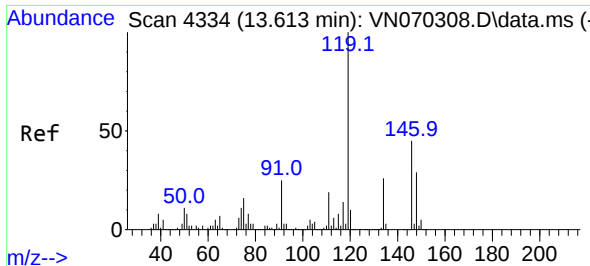


#85
sec-Butylbenzene
Concen: 0.866 ug/l m
RT: 13.501 min Scan# 4292
Delta R.T. -0.000 min
Lab File: VN070658.D
Acq: 17 Jan 2022 20:43



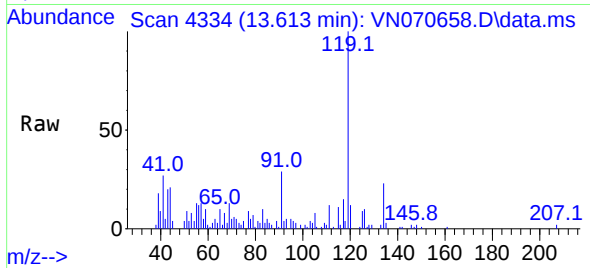
Tgt Ion:105 Resp: 38943
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





#86
p-Isopropyltoluene
Concen: 0.638 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070658.D
Acq: 17 Jan 2022 20:43

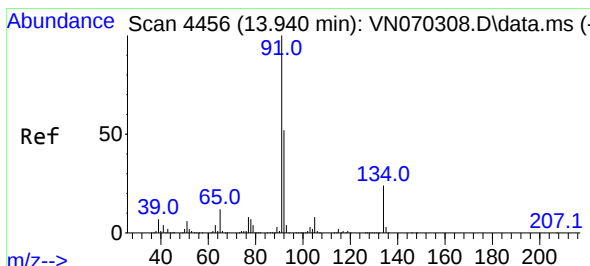
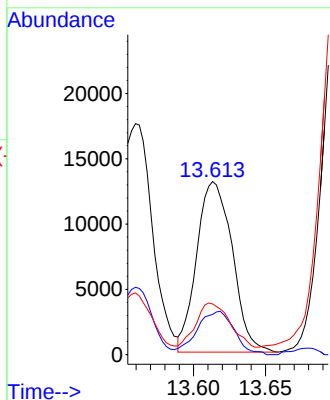
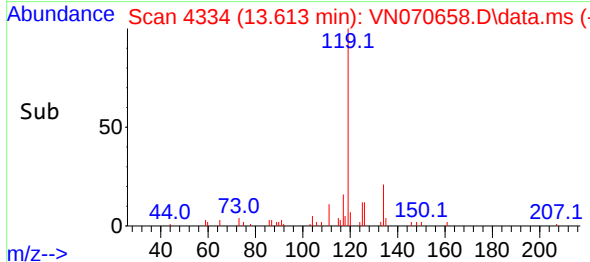
Instrument :
MSVOA_N
ClientSampleId :
MW-24



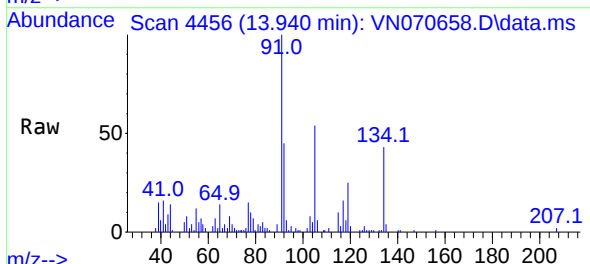
Tgt Ion:119 Resp: 22548
Ion Ratio Lower Upper
119 100
134 26.6 13.6 40.7
91 0.0 11.4 34.1

Manual Integrations
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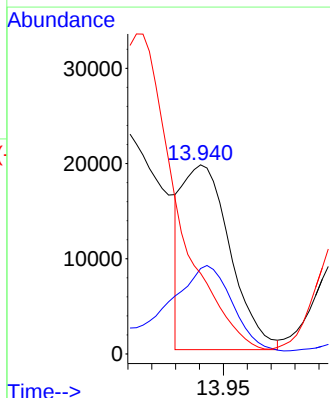
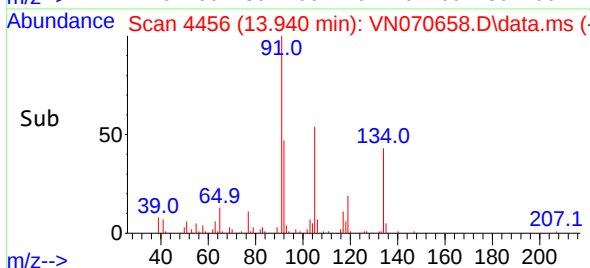
Reviewed By :John Carlone 01/18/2022
Supervised By :Mahesh Dadoda 01/18/2022

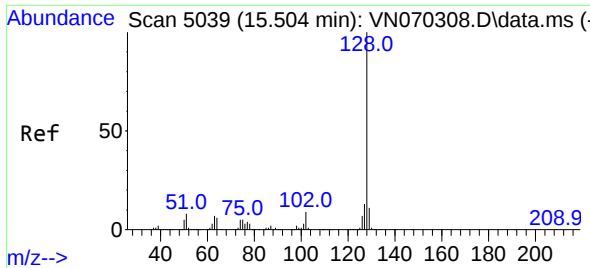


#89
n-Butylbenzene
Concen: 0.920 ug/l m
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070658.D
Acq: 17 Jan 2022 20:43



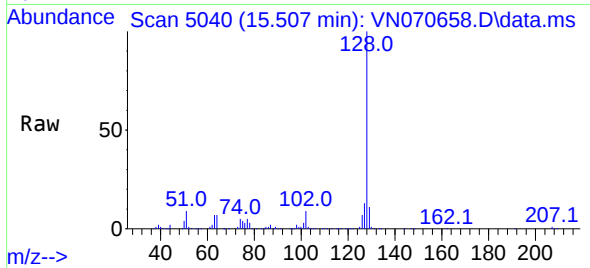
Tgt Ion: 91 Resp: 27114
Ion Ratio Lower Upper
91 100
92 5.7 25.4 76.0#
134 89.2 13.6 40.8#





#95
Naphthalene
Concen: 19.088 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070658.D
Acq: 17 Jan 2022 20:43

Instrument :
MSVOA_N
ClientSampleId :
MW-24



Tgt Ion:128 Resp: 413223
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.3 8.7 13.1

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Reviewed By :John Carlone 01/18/2022
Supervised By :Mahesh Dadoda 01/18/2022

