

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010622\
 Data File : VN070516.D
 Acq On : 6 Jan 2022 13:55
 Operator : JC/MD
 Sample : N1021-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 INF0122

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/10/2022
 Supervised By :Mahesh Dadoda 01/11/2022

Quant Time: Jan 08 01:38:10 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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	958061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1583285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1458995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	622681	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	680708	49.416	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.840%
35) Dibromofluoromethane	8.021	113	491416	51.298	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.600%
50) Toluene-d8	10.440	98	2065333	52.776	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.560%
62) 4-Bromofluorobenzene	12.728	95	840058	59.434	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	118.860%

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.374	59	57503	25.071	ug/l #	71
22) Diisopropyl ether	6.498	45	68063	1.580	ug/l	89
31) Cyclohexane	8.094	56	850322	39.118	ug/l	90
39) Methylcyclohexane	9.459	83	367184	19.139	ug/l #	86
40) Benzene	8.458	78	14385376	296.091	ug/l	98
52) Toluene	10.502	92	1498628	50.960	ug/l	98
67) Ethyl Benzene	11.843	91	10386565	183.121	ug/l	97
68) m/p-Xylenes	11.953	106	9404959	455.527	ug/l #	1
69) o-Xylene	12.278	106	1358946	66.174	ug/l	93
73) Isopropylbenzene	12.575	105	1193206	20.635	ug/l	98
78) n-propylbenzene	12.919	91	2533991	39.551	ug/l	96
80) 1,3,5-Trimethylbenzene	13.055	105	1699021	36.666	ug/l	97
84) 1,2,4-Trimethylbenzene	13.366	105	8320633	186.476	ug/l	99
85) sec-Butylbenzene	13.498	105	92923m	1.677	ug/l	
86) p-Isopropyltoluene	13.613	119	39753	0.914	ug/l #	78
89) n-Butylbenzene	13.938	91	82914m	2.284	ug/l	
95) Naphthalene	15.504	128	2097528	73.072	ug/l	99

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

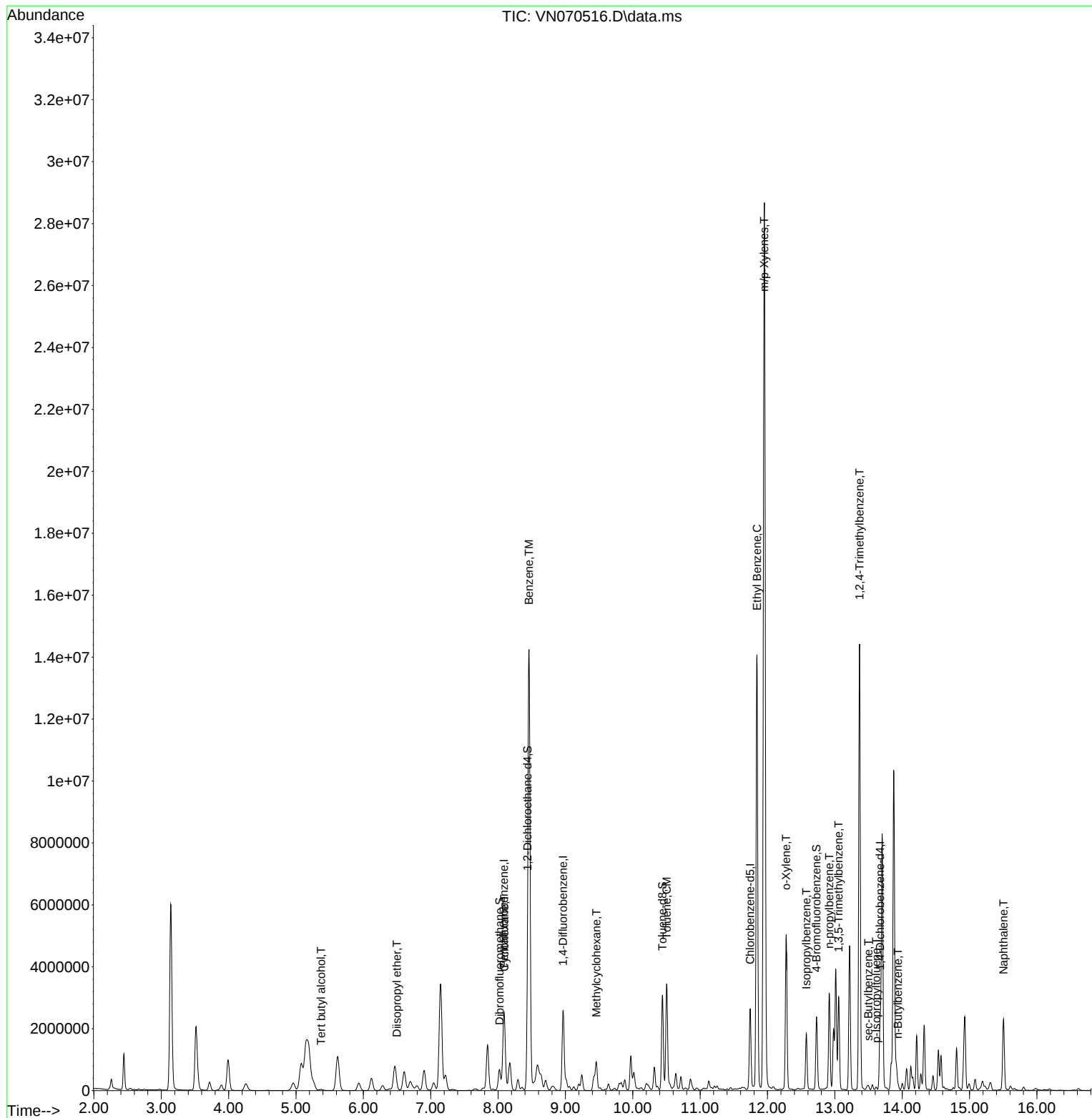
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010622\
Data File : VN070516.D
Acq On : 6 Jan 2022 13:55
Operator : JC/MD
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Misc : 5.00mL/MSVOA_N/WATER
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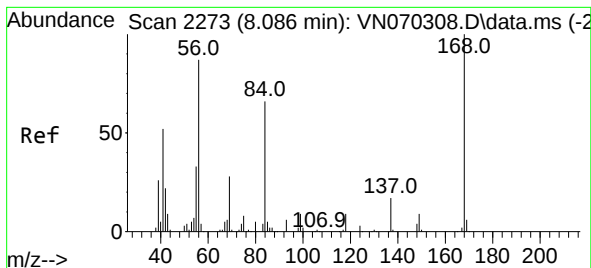
Instrument :
MSVOA_N
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INF0122

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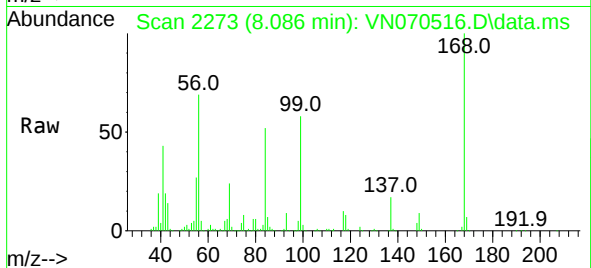
Quant Time: Jan 08 01:38:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

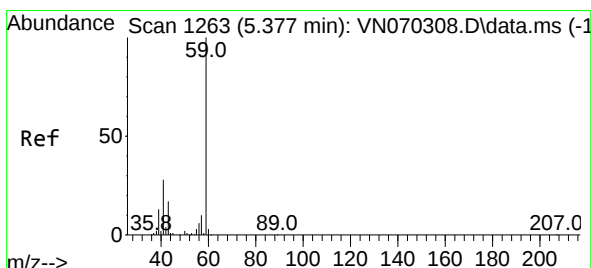
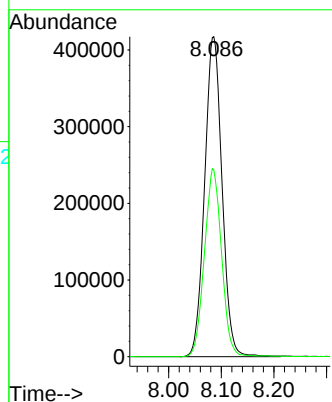
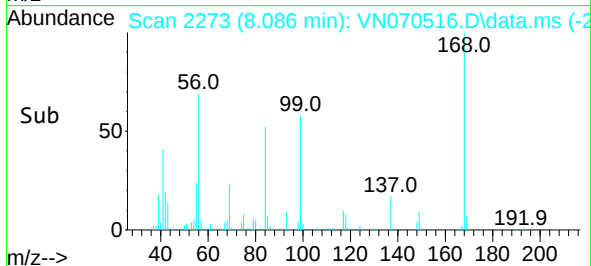
Instrument :
MSVOA_N
ClientSampleId :
INF0122



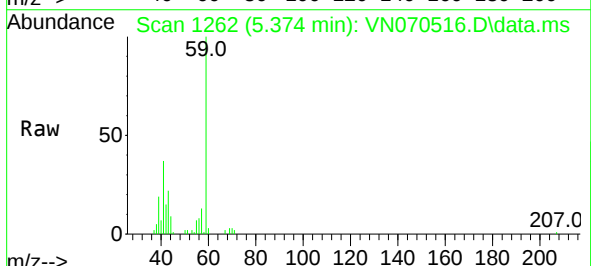
Tgt Ion:168 Resp: 95806
Ion Ratio Lower Upper
168 100
99 58.4 41.3 61.9

Manual Integrations
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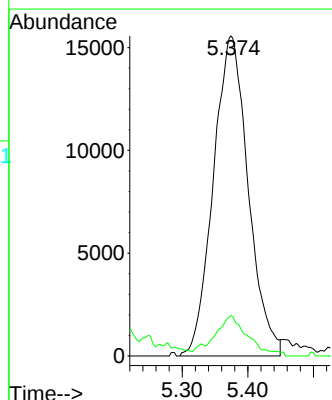
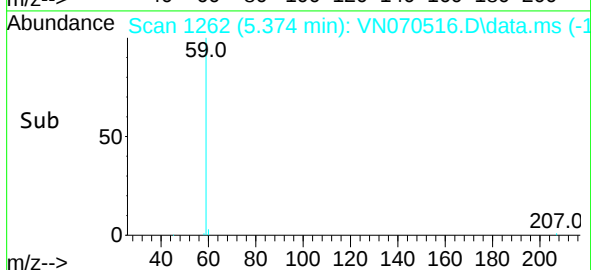
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

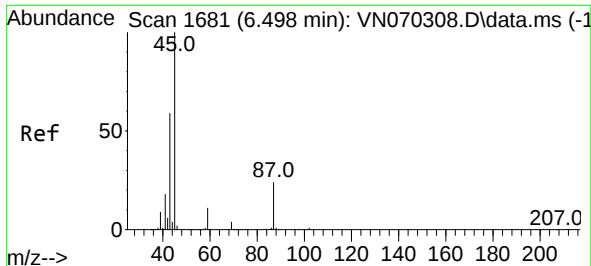


#11
Tert butyl alcohol
Concen: 25.071 ug/l
RT: 5.374 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55



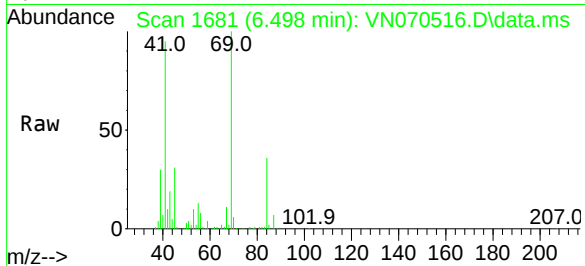
Tgt Ion: 59 Resp: 57503
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#22
Diisopropyl ether
Concen: 1.580 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

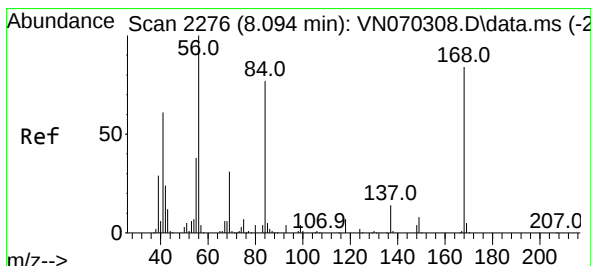
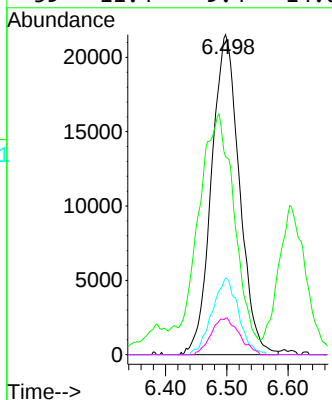
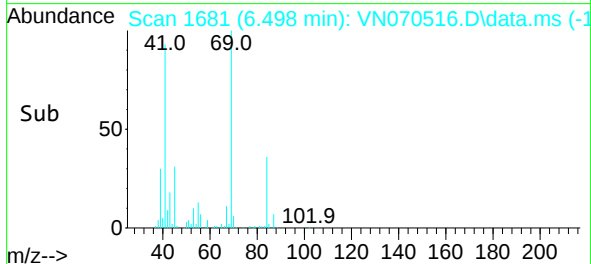
Instrument :
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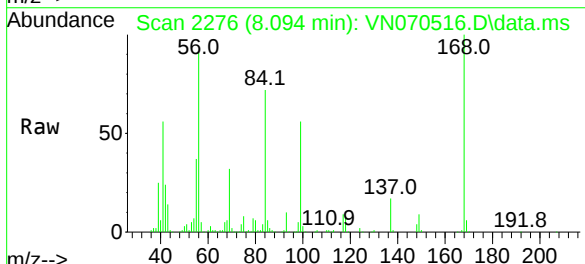
Tgt Ion: 45 Resp: 6806
Ion Ratio Lower Upper
45 100
43 53.5 51.7 77.5
87 24.0 23.2 34.8
59 11.4 9.4 14.0

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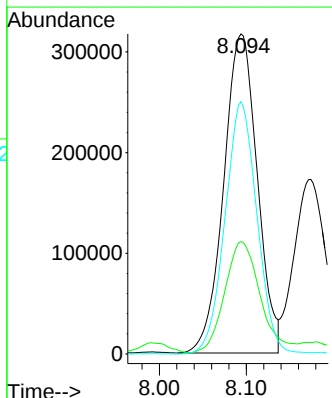
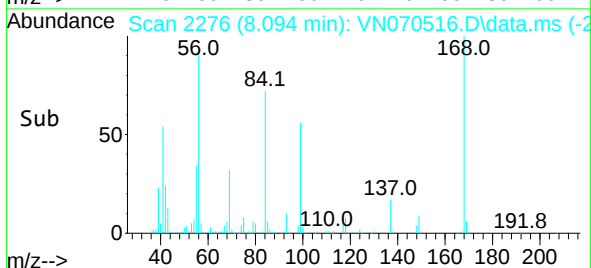
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

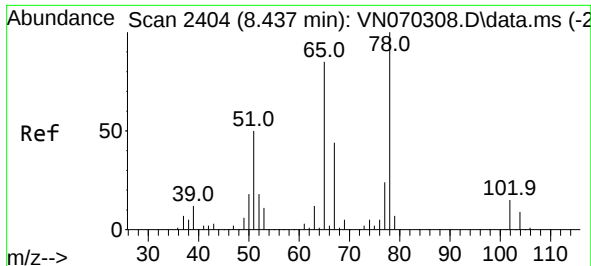


#31
Cyclohexane
Concen: 39.118 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55



Tgt Ion: 56 Resp: 850322
Ion Ratio Lower Upper
56 100
69 34.0 27.1 40.7
84 79.1 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 49.416 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070516.D

Acq: 6 Jan 2022 13:55

Instrument :

MSVOA_N

ClientSampleId :

INF0122

Tgt Ion: 65 Resp: 680708

Ion Ratio Lower Upper

65 100

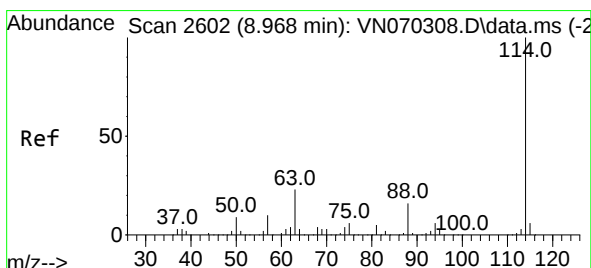
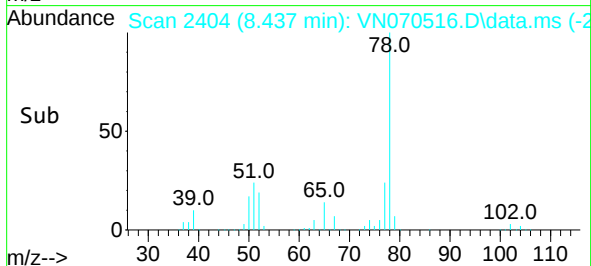
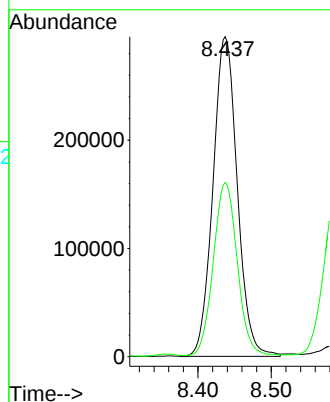
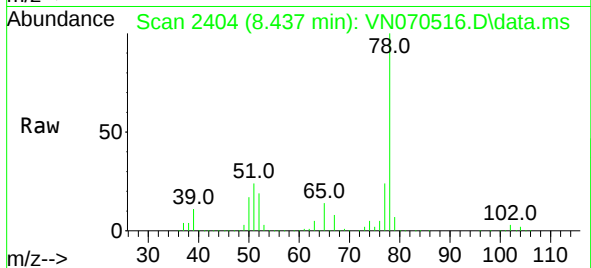
67 53.2 0.0 103.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070516.D

Acq: 6 Jan 2022 13:55

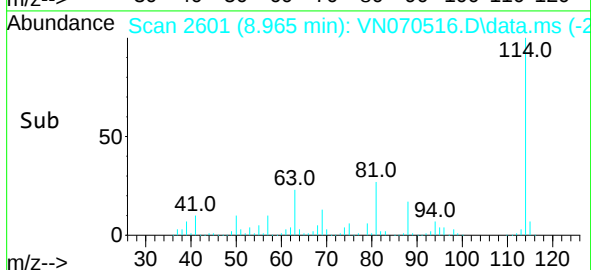
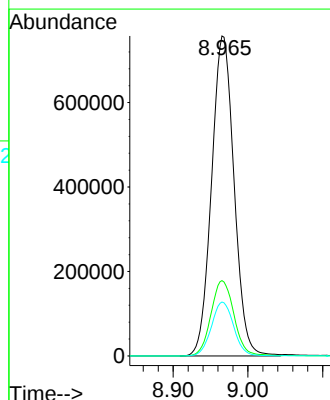
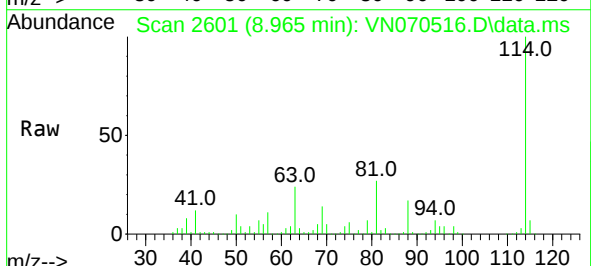
Tgt Ion:114 Resp: 1583285

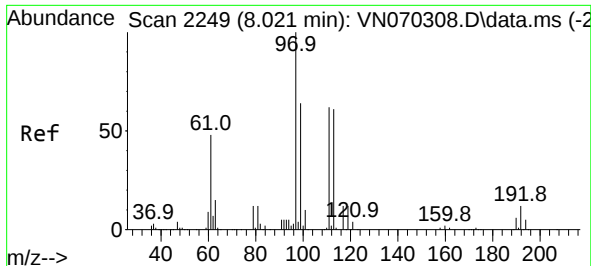
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

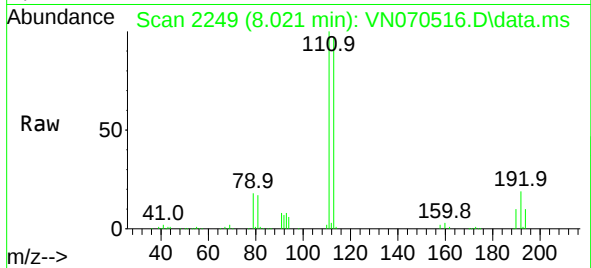
88 16.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 51.298 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

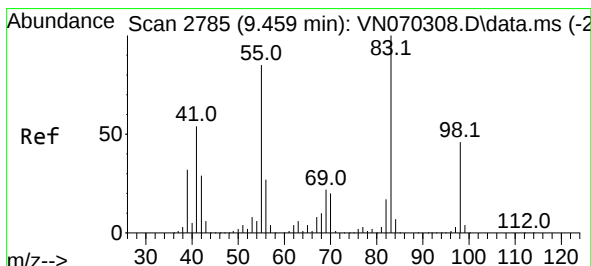
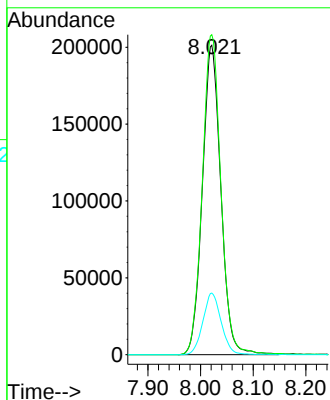
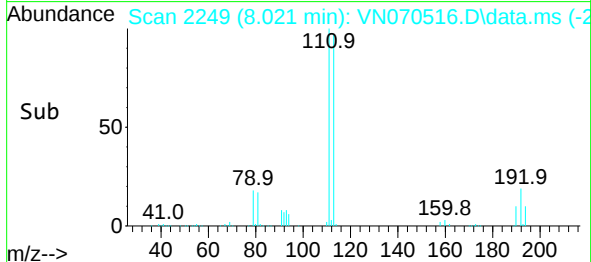
Instrument :
MSVOA_N
ClientSampleId :
INF0122



Tgt Ion: 113 Resp: 491410
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 19.7 16.9 25.3

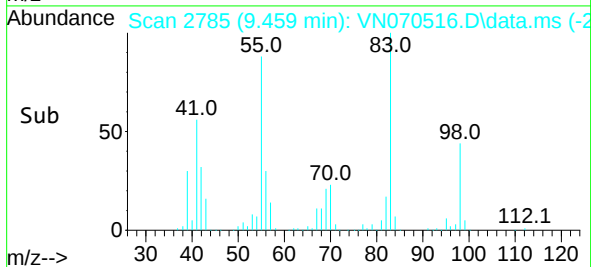
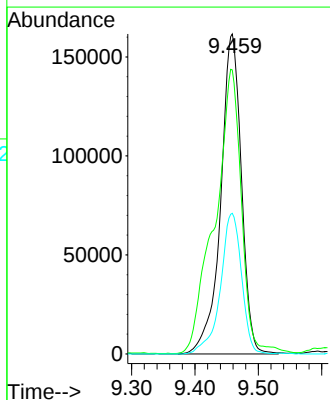
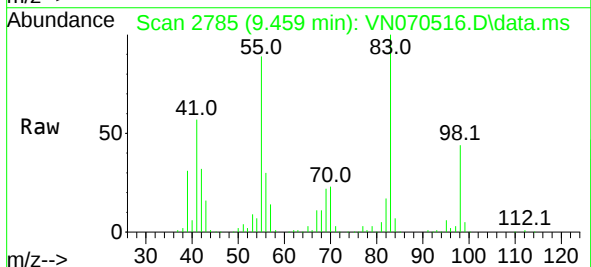
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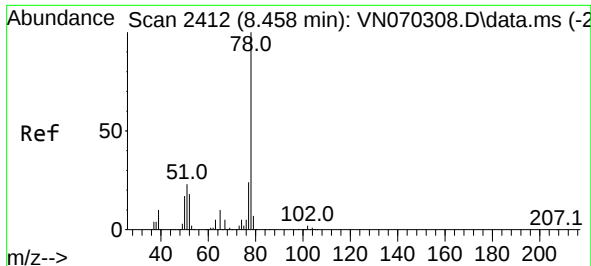
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#39
Methylcyclohexane
Concen: 19.139 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

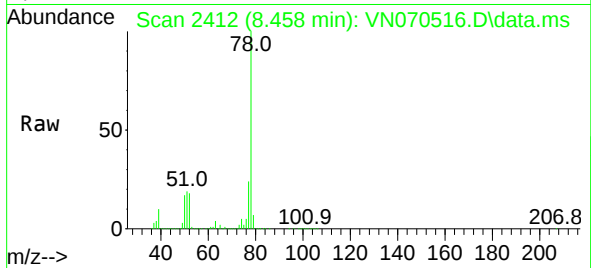
Tgt Ion: 83 Resp: 367184
Ion Ratio Lower Upper
83 100
55 88.5 58.1 87.1#
98 44.0 38.4 57.6





#40
Benzene
Concen: 296.091 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. 0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

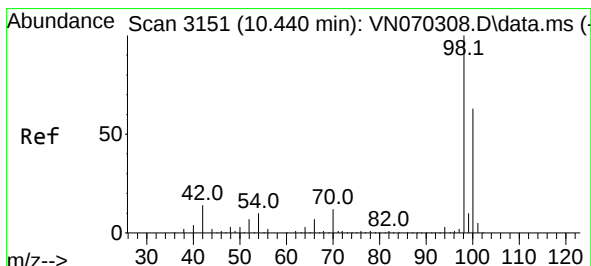
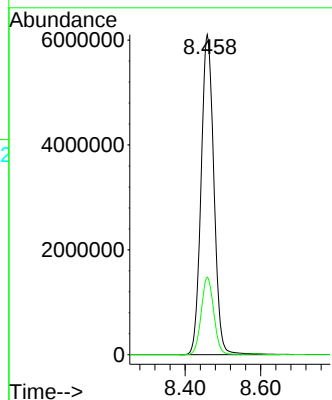
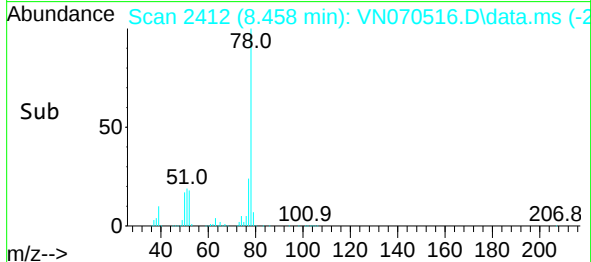
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MSVOA_N
ClientSampleId :
INF0122



Tgt Ion: 78 Resp:1438537
Ion Ratio Lower Upper
78 100
77 24.3 18.6 27.8

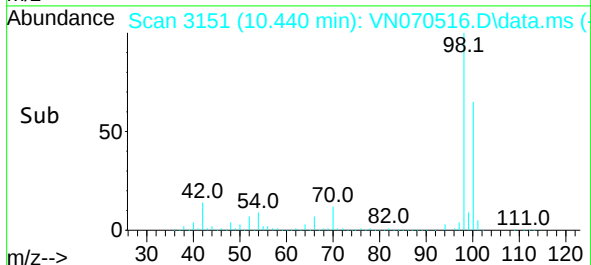
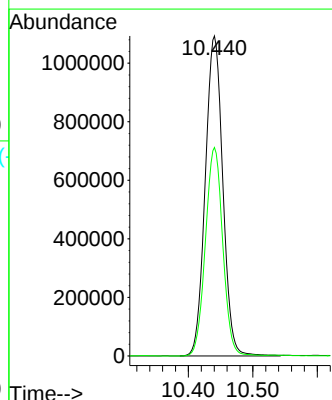
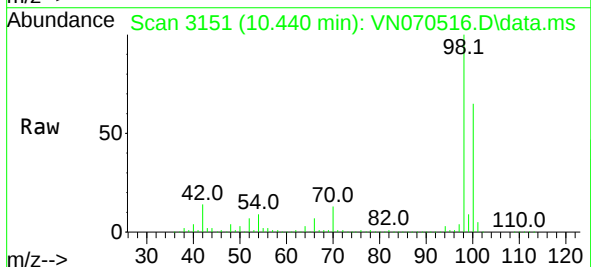
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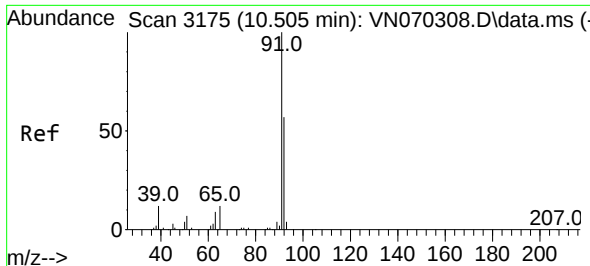
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#50
Toluene-d8
Concen: 52.776 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

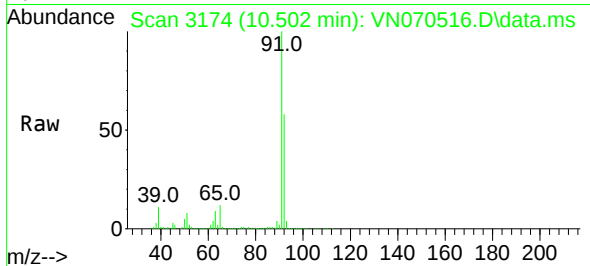
Tgt Ion: 98 Resp: 2065333
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6





#52
Toluene
Concen: 50.960 ug/l
RT: 10.502 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

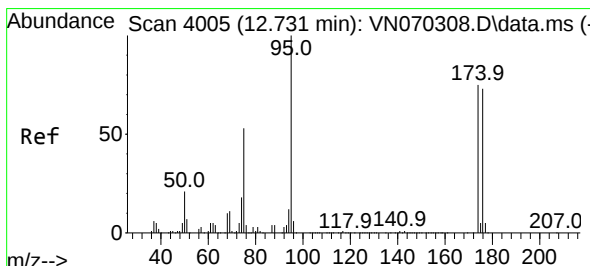
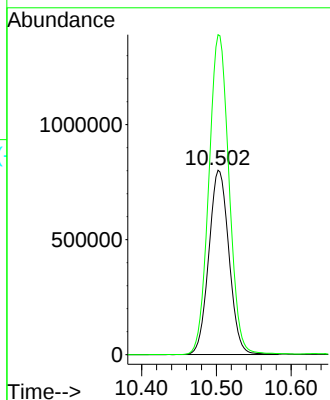
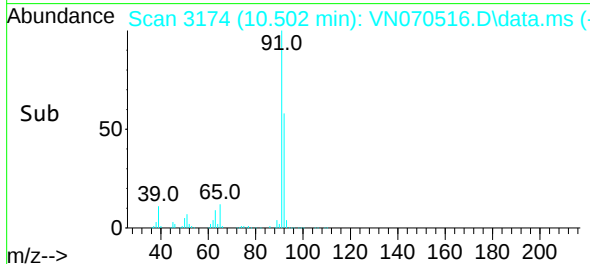
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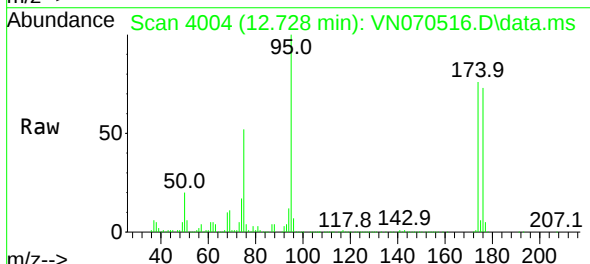
Tgt Ion: 92 Resp: 1498628
Ion Ratio Lower Upper
92 100
91 174.5 142.0 213.0

Manual Integrations
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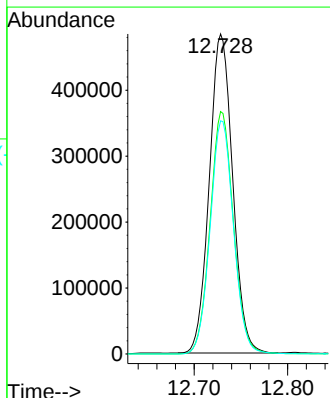
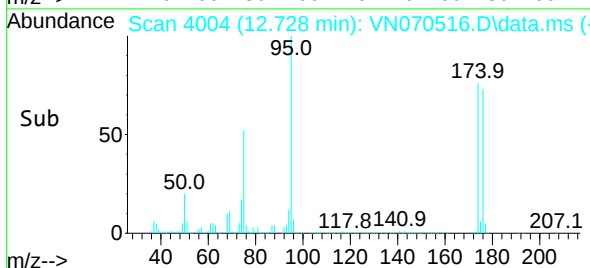
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

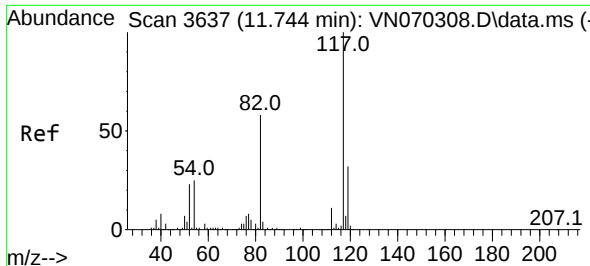


#62
4-Bromofluorobenzene
Concen: 59.434 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55



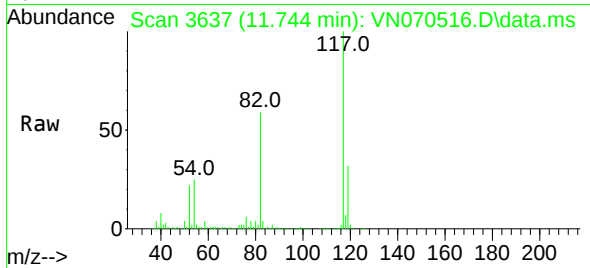
Tgt Ion: 95 Resp: 840058
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 73.3 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

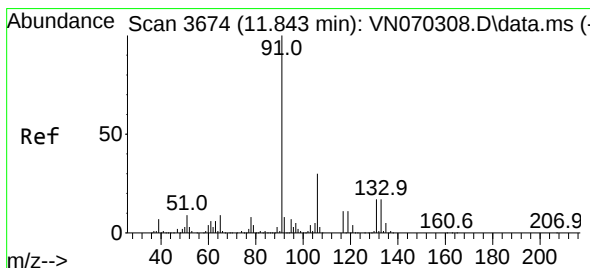
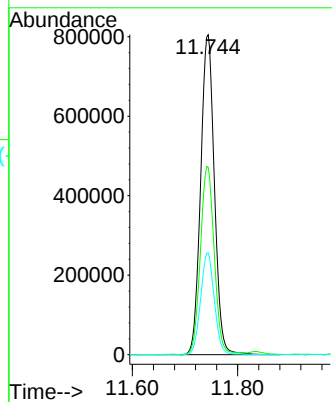
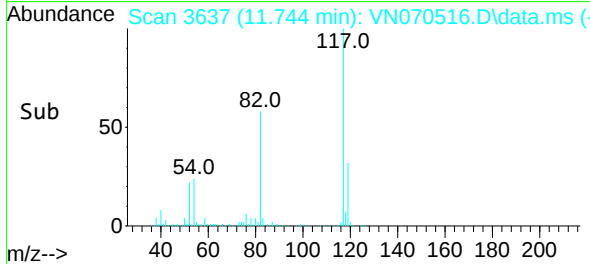
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Tgt Ion:117 Resp: 145899
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 31.8 25.4 38.2

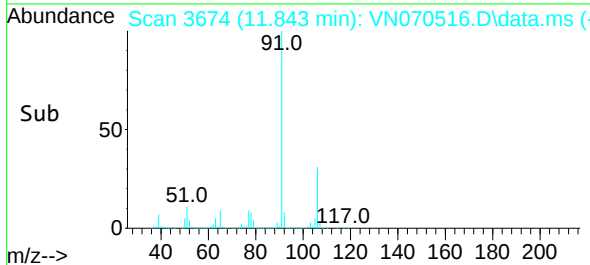
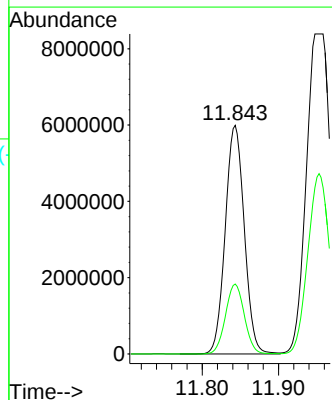
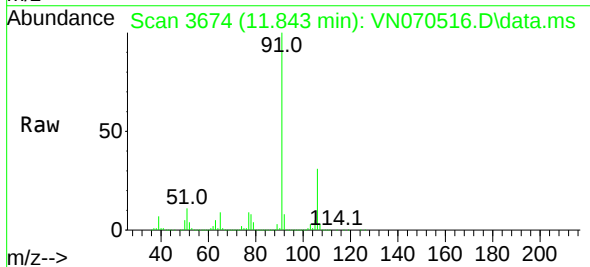
Manual Integrations
APPROVED

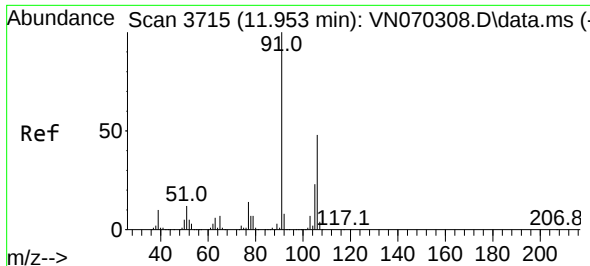
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#67
Ethyl Benzene
Concen: 183.121 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

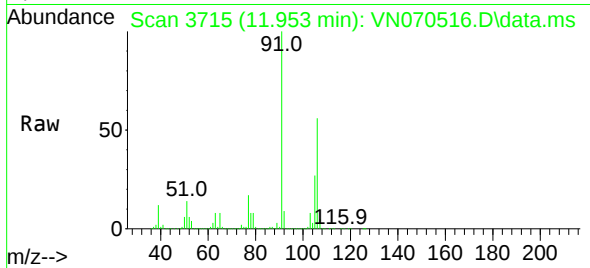
Tgt Ion: 91 Resp:10386565
Ion Ratio Lower Upper
91 100
106 30.6 25.7 38.5





#68
m/p-Xylenes
Concen: 455.527 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

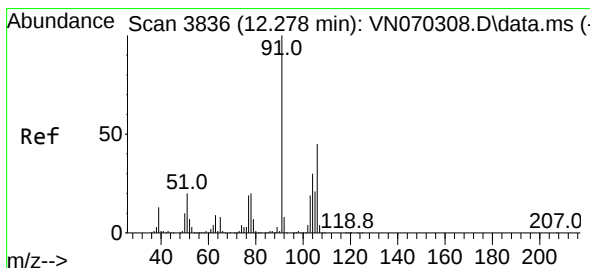
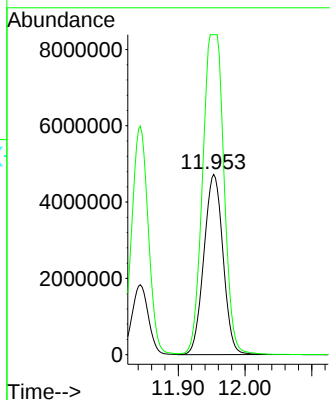
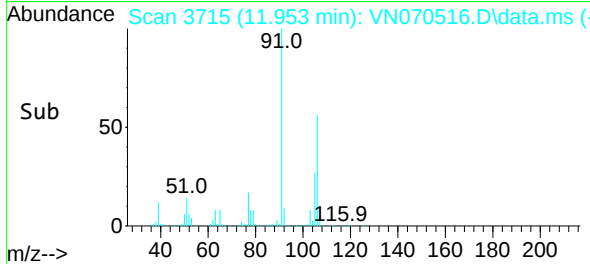
Instrument :
MSVOA_N
ClientSampleId :
INF0122



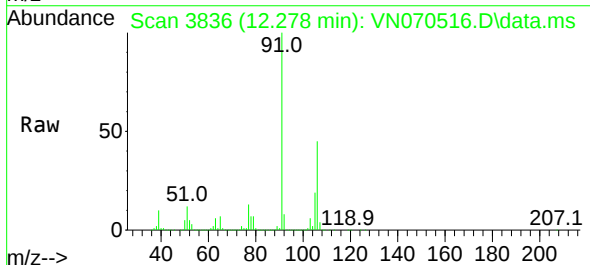
Tgt Ion:106 Resp: 9404959
Ion Ratio Lower Upper
106 100
91 0.0 160.6 240.8

Manual Integrations
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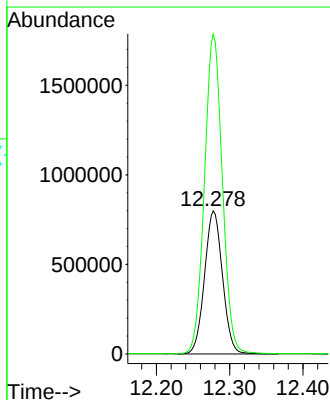
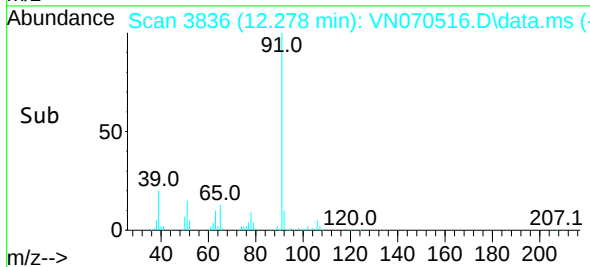
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

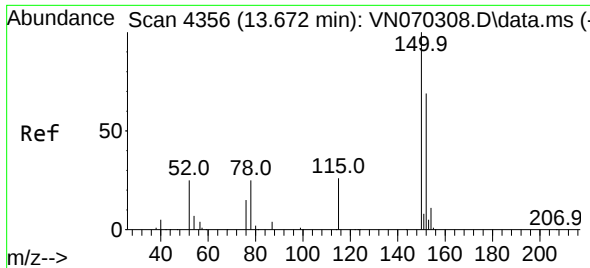


#69
o-Xylene
Concen: 66.174 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55



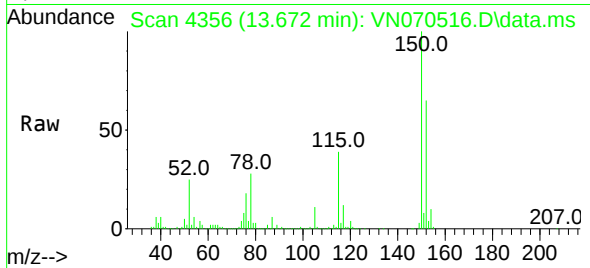
Tgt Ion:106 Resp: 1358946
Ion Ratio Lower Upper
106 100
91 223.0 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

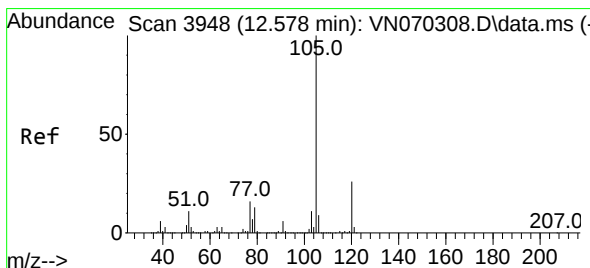
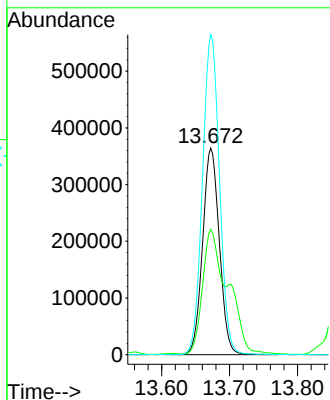
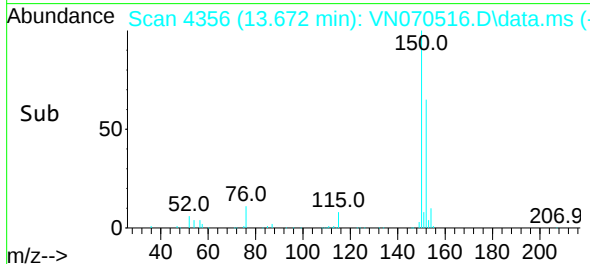
Instrument :
MSVOA_N
ClientSampleId :
INF0122



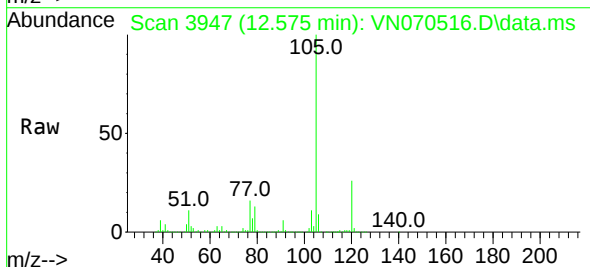
Tgt Ion:152 Resp: 62268
Ion Ratio Lower Upper
152 100
115 65.0 27.5 82.5
150 157.1 0.0 344.4

Manual Integrations
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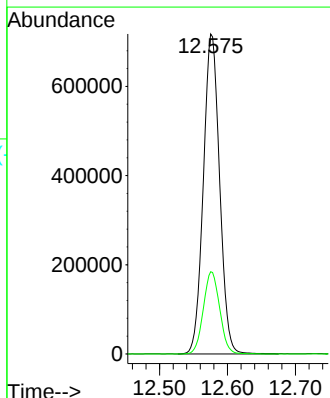
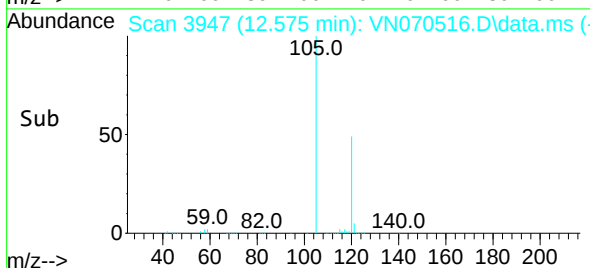
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

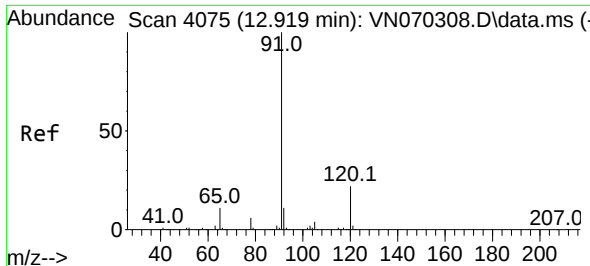


#73
Isopropylbenzene
Concen: 20.635 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. -0.003 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55



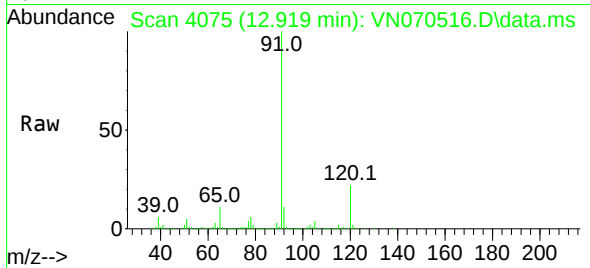
Tgt Ion:105 Resp: 1193206
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1





#78
n-propylbenzene
Concen: 39.551 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

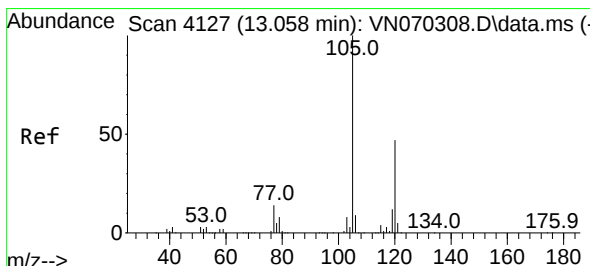
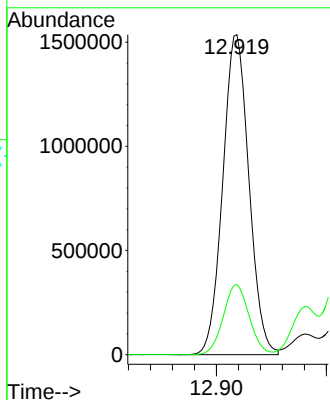
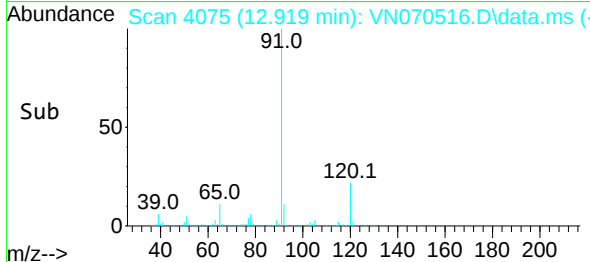
Instrument :
MSVOA_N
ClientSampleId :
INF0122



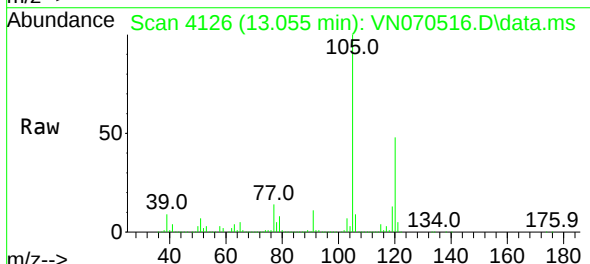
Tgt Ion: 91 Resp: 253399
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9

Manual Integrations
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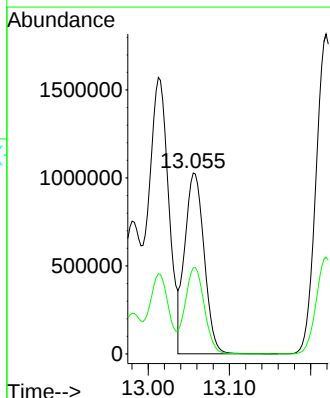
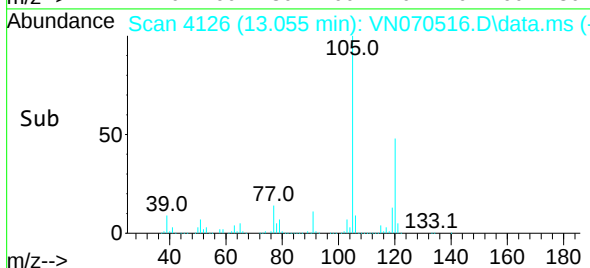
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

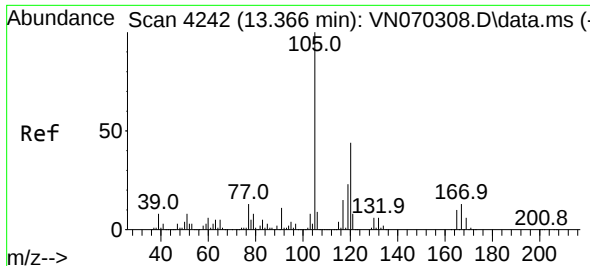


#80
1,3,5-Trimethylbenzene
Concen: 36.666 ug/l
RT: 13.055 min Scan# 4126
Delta R.T. -0.003 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55



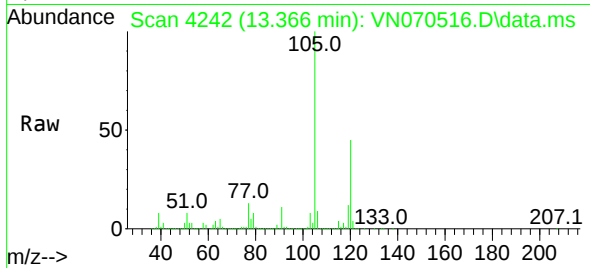
Tgt Ion:105 Resp: 1699021
Ion Ratio Lower Upper
105 100
120 47.1 24.6 73.6





#84
1,2,4-Trimethylbenzene
Concen: 186.476 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

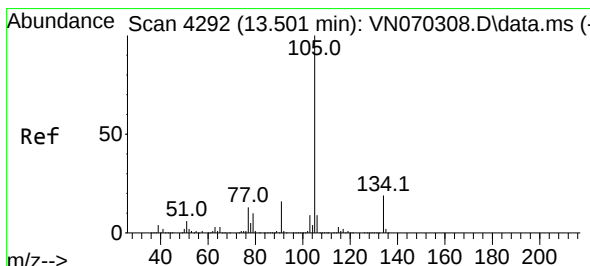
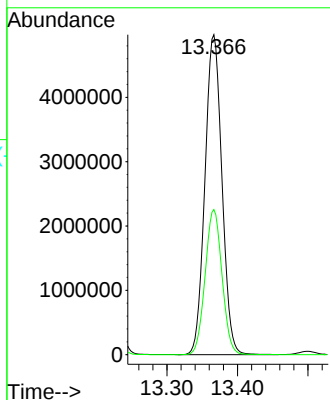
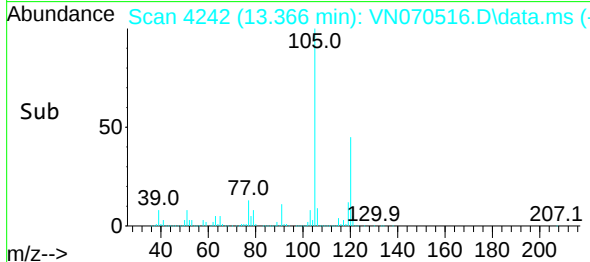
Instrument :
MSVOA_N
ClientSampleId :
INF0122



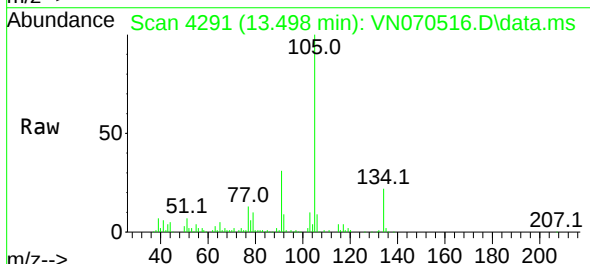
Tgt Ion:105 Resp: 832063
Ion Ratio Lower Upper
105 100
120 45.0 22.8 68.4

Manual Integrations
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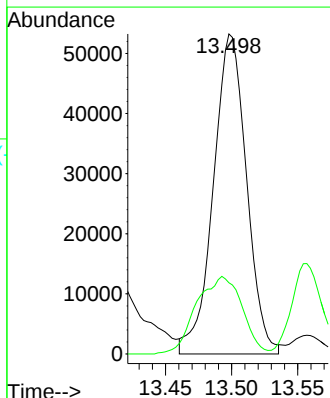
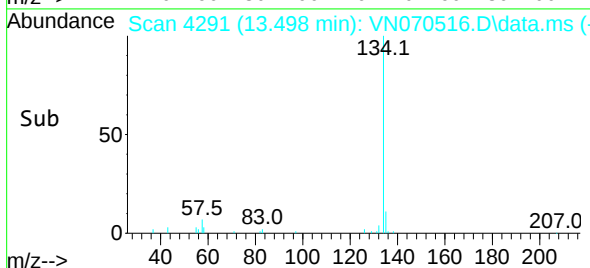
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

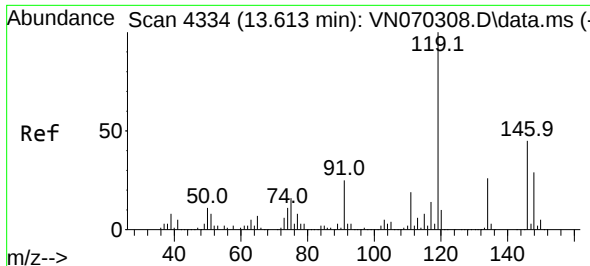


#85
sec-Butylbenzene
Concen: 1.677 ug/l m
RT: 13.498 min Scan# 4291
Delta R.T. -0.003 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55



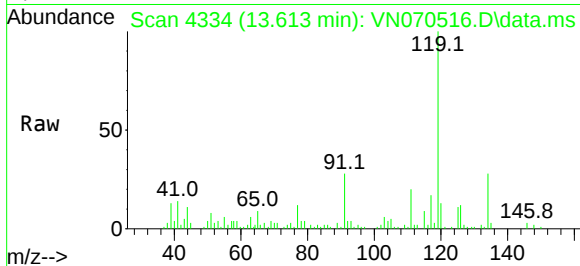
Tgt Ion:105 Resp: 92923
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





#86
p-Isopropyltoluene
Concen: 0.914 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

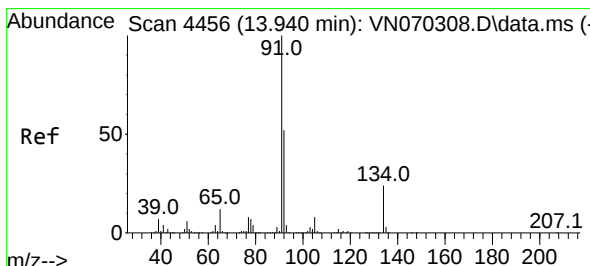
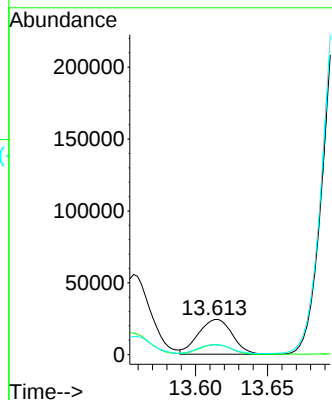
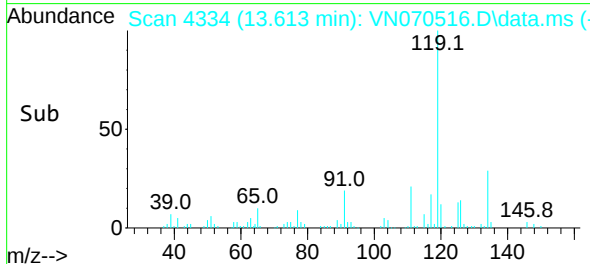
Instrument :
MSVOA_N
ClientSampleId :
INF0122



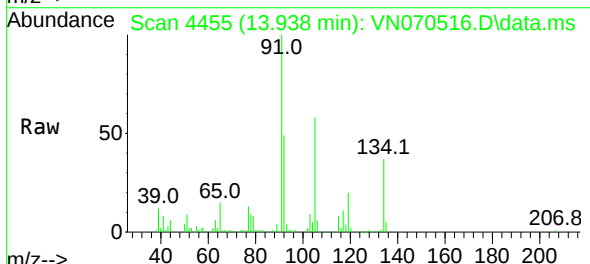
Tgt Ion:119 Resp: 3975
Ion Ratio Lower Upper
119 100
134 27.0 13.6 40.7
91 0.0 11.4 34.1

Manual Integrations
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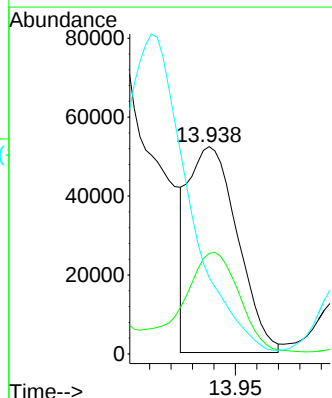
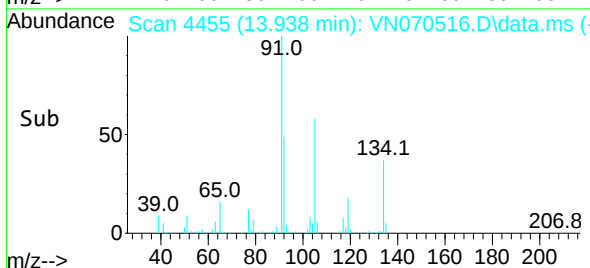
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

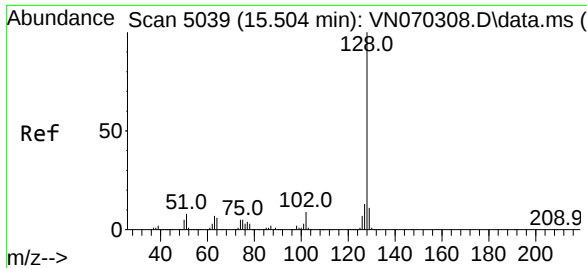


#89
n-Butylbenzene
Concen: 2.284 ug/l m
RT: 13.938 min Scan# 4455
Delta R.T. -0.002 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55



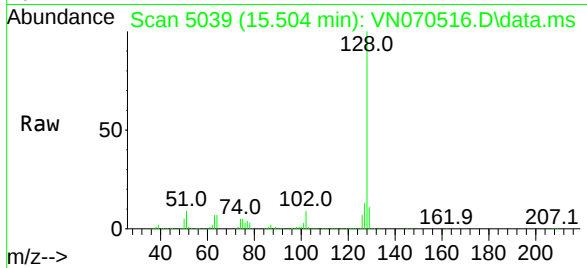
Tgt Ion: 91 Resp: 82914
Ion Ratio Lower Upper
91 100
92 126.6 25.4 76.0#
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 73.072 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
INF0122



Tgt Ion:128 Resp: 2097528
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.6 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

