

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072022\
 Data File : VN073541.D
 Acq On : 20 Jul 2022 23:02
 Operator : JC\MD
 Sample : N3779-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 070622-G

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/21/2022
 Supervised By : Mahesh Dadoda 07/21/2022

Quant Time: Jul 21 08:28:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.022	168	289654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	464006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	441756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	242986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	176179	42.133	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.260%		
35) Dibromofluoromethane	7.951	113	148422	48.078	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.160%		
50) Toluene-d8	10.380	98	499438	45.551	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.100%		
62) 4-Bromofluorobenzene	12.674	95	223837	53.123	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.240%		
Target Compounds					Qvalue	
16) Acetone	4.234	43	45647	19.448	ug/l	94
17) Carbon Disulfide	4.457	76	23268	2.632	ug/l	99
18) Methyl Acetate	4.810	43	6478m	0.985	ug/l	
20) Methylene Chloride	5.028	84	3917m	0.950	ug/l	
25) 2-Butanone	7.275	43	8870	2.374	ug/l	90
28) Bromochloromethane	7.581	49	2630	0.905	ug/l #	90
30) Chloroform	7.751	83	39582	5.666	ug/l	93
40) Benzene	8.392	78	314076	21.425	ug/l	99
47) Bromodichloromethane	9.704	83	9736	1.981	ug/l	94
52) Toluene	10.445	92	203845	22.500	ug/l	97
64) Tetrachloroethene	10.922	164	2171	0.602	ug/l #	86
67) Ethyl Benzene	11.786	91	55368	3.053	ug/l	98
68) m/p-Xylenes	11.886	106	129384	18.901	ug/l	98
69) o-Xylene	12.221	106	93648	13.401	ug/l	99
78) n-propylbenzene	12.863	91	19097	0.819	ug/l	83
80) 1,3,5-Trimethylbenzene	12.998	105	49724	2.907	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	158765	9.298	ug/l	98
95) Naphthalene	15.433	128	4550745	243.002	ug/l	100

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

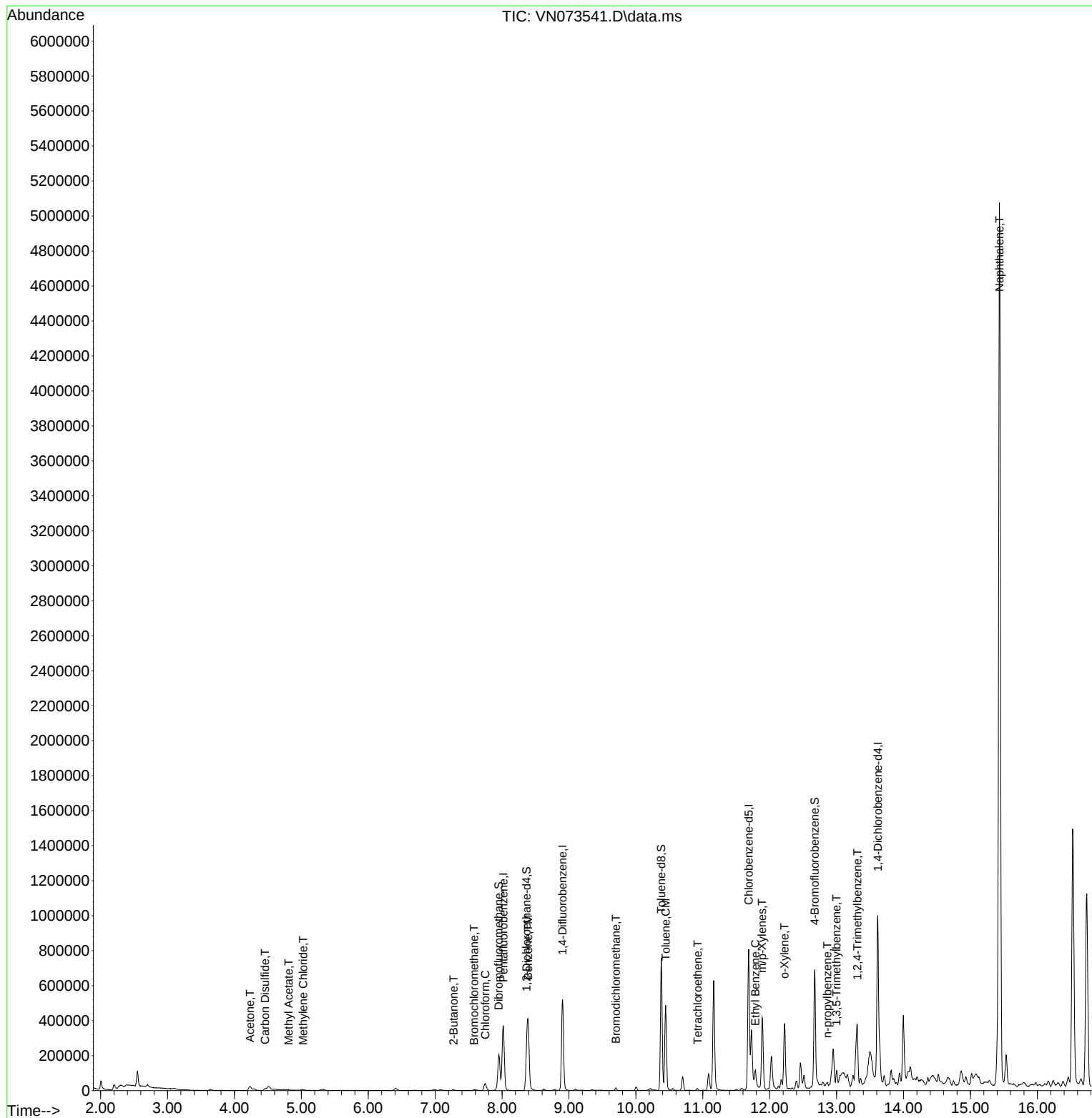
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072022\
Data File : VN073541.D
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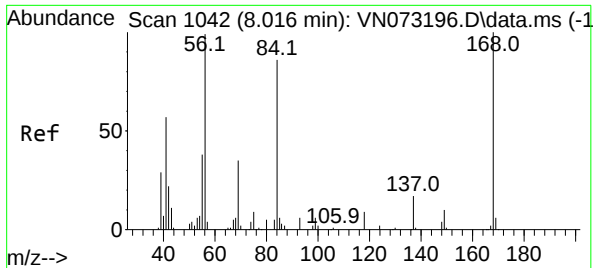
Instrument :
MSVOA_N
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070622-G

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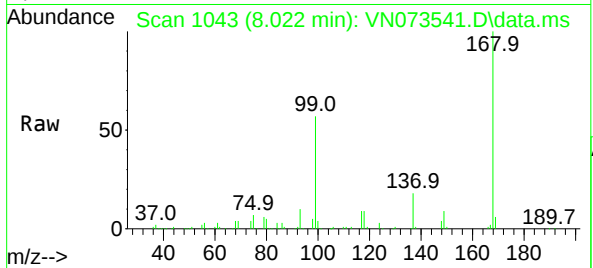
Quant Time: Jul 21 08:28:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

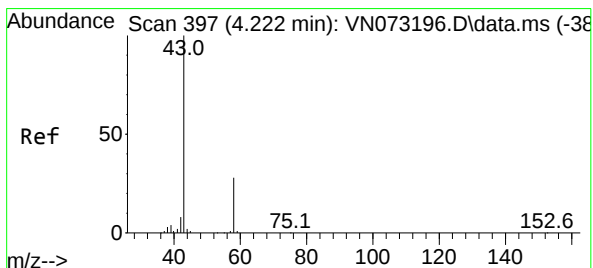
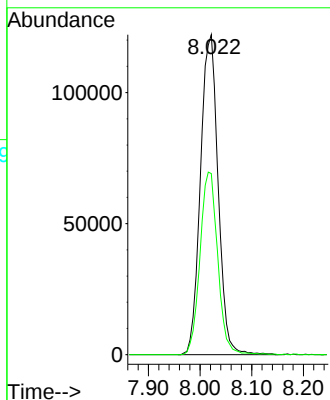
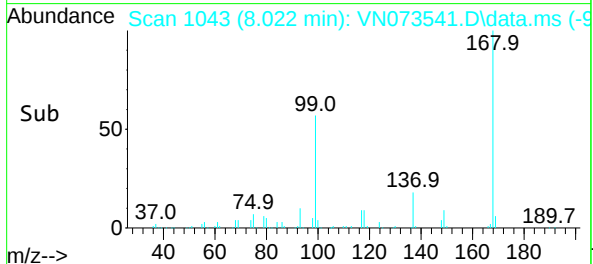
Instrument :
MSVOA_N
ClientSampleId :
070622-G



Tgt Ion:168 Resp: 289654
Ion Ratio Lower Upper
168 100
99 56.6 42.3 63.5

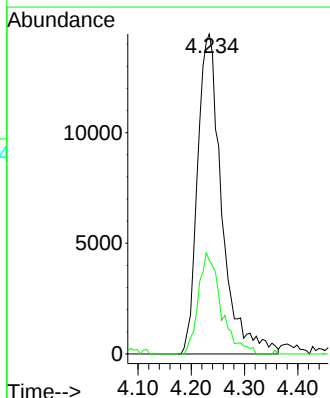
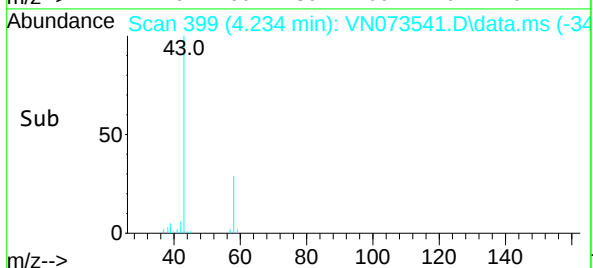
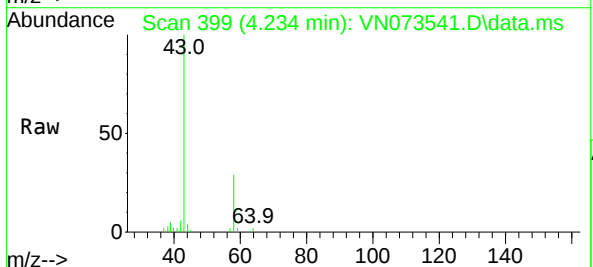
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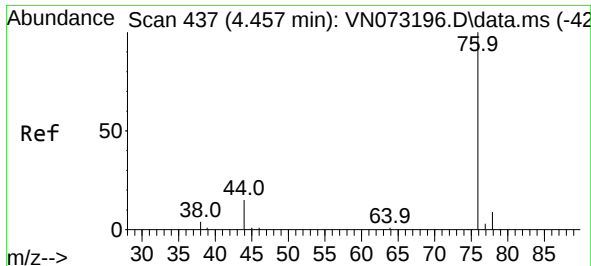
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#16
Acetone
Concen: 19.448 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

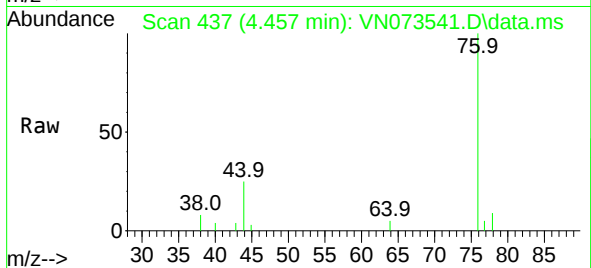
Tgt Ion: 43 Resp: 45647
Ion Ratio Lower Upper
43 100
58 29.3 26.0 39.0





#17
Carbon Disulfide
Concen: 2.632 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

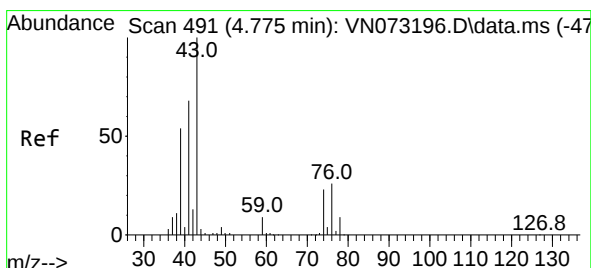
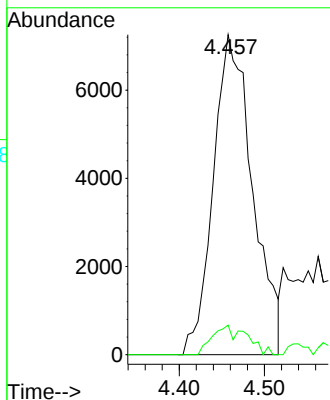
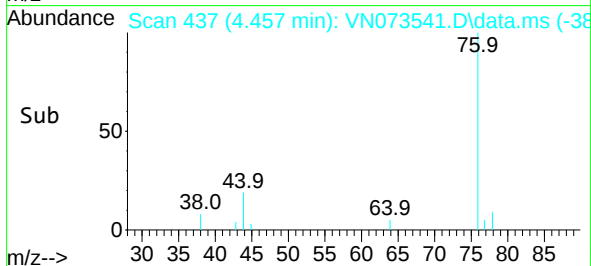
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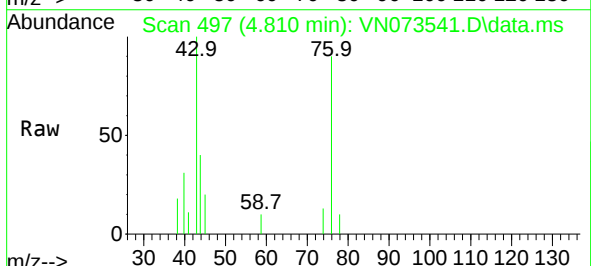
Tgt Ion: 76 Resp: 2326
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

Manual Integrations
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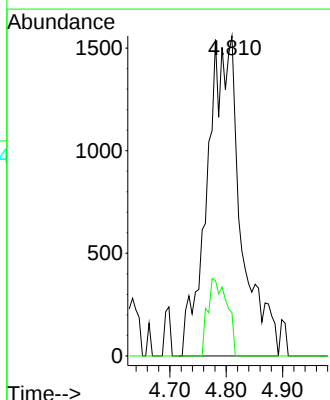
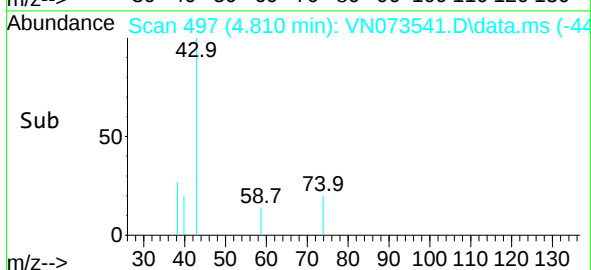
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

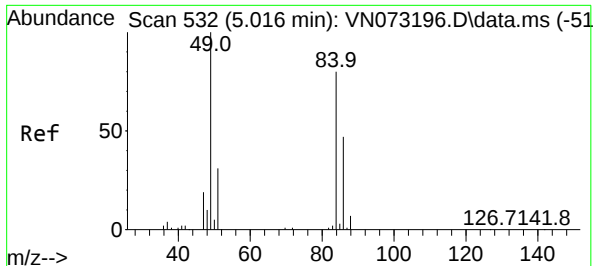


#18
Methyl Acetate
Concen: 0.985 ug/l m
RT: 4.810 min Scan# 497
Delta R.T. 0.035 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02



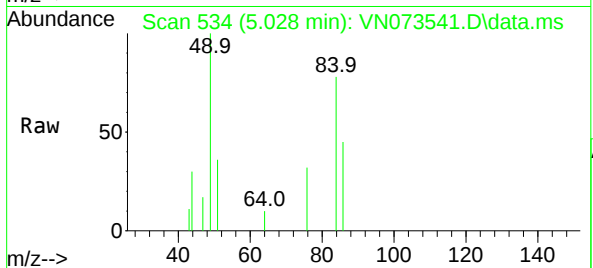
Tgt Ion: 43 Resp: 6478
Ion Ratio Lower Upper
43 100
74 13.8 21.6 32.4#





#20
Methylene Chloride
Concen: 0.950 ug/l m
RT: 5.028 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

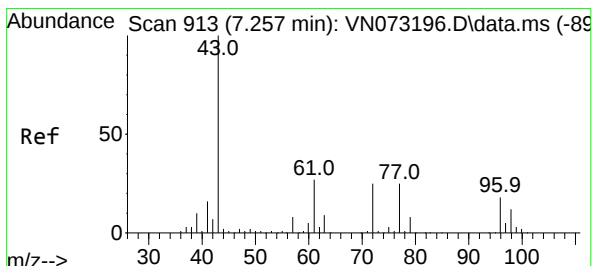
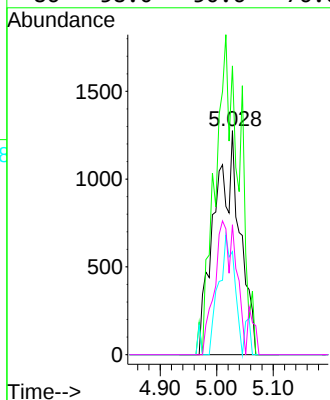
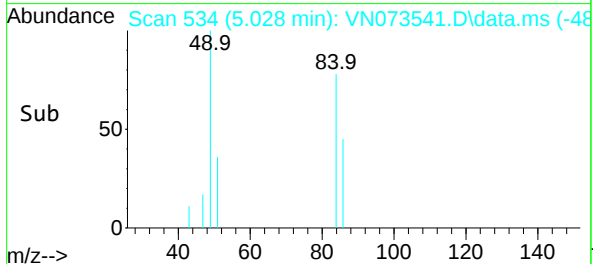
Instrument :
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ClientSampleId :
070622-G



Tgt Ion: 84 Resp: 391
Ion Ratio Lower Upper
84 100
49 128.9 88.3 132.5
51 46.0 28.2 42.2
86 58.0 50.6 76.0

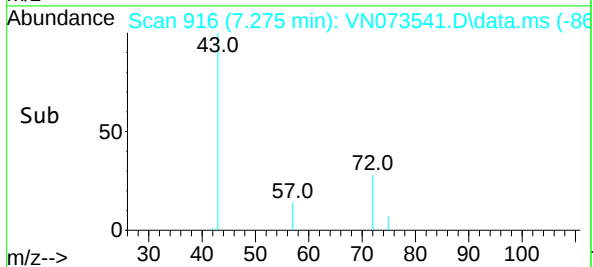
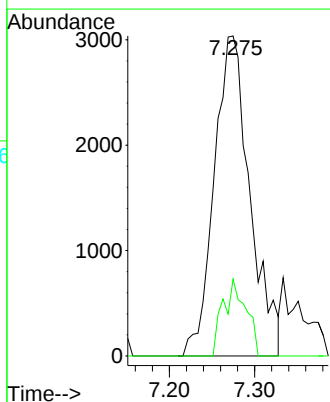
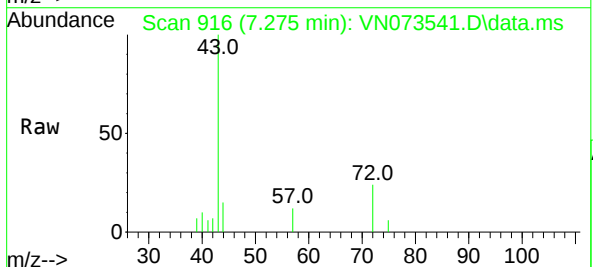
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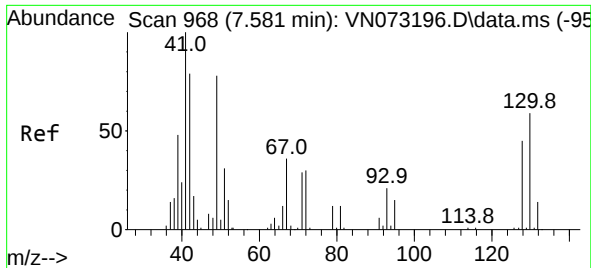
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#25
2-Butanone
Concen: 2.374 ug/l
RT: 7.275 min Scan# 916
Delta R.T. 0.018 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

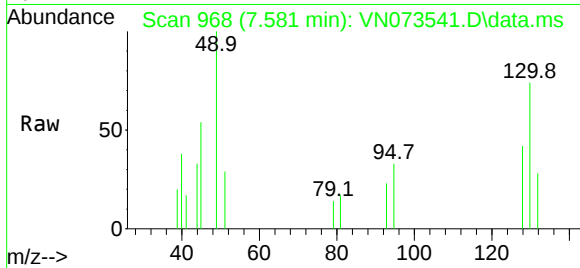
Tgt Ion: 43 Resp: 8870
Ion Ratio Lower Upper
43 100
72 24.0 23.7 35.5





#28
Bromochloromethane
Concen: 0.905 ug/l
RT: 7.581 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

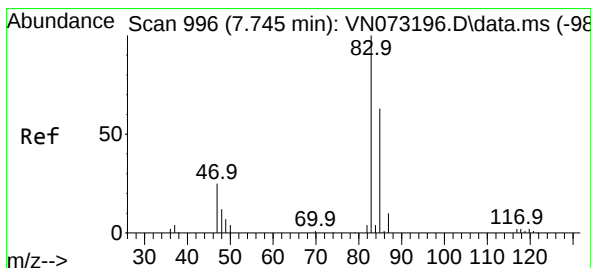
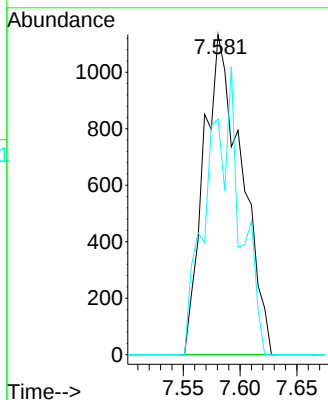
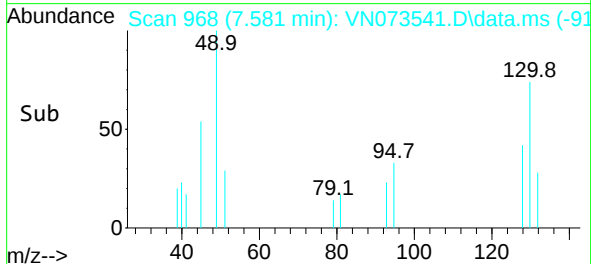
Instrument :
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ClientSampleId :
070622-G



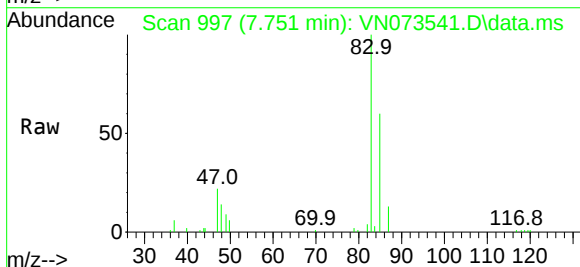
Tgt Ion: 49 Resp: 2630
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 77.7 69.7 104.5

Manual Integrations
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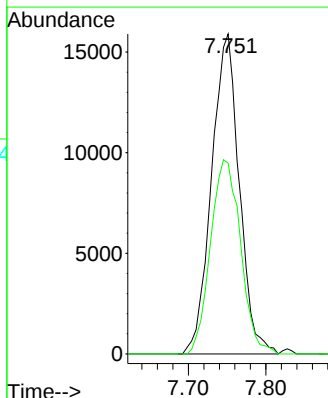
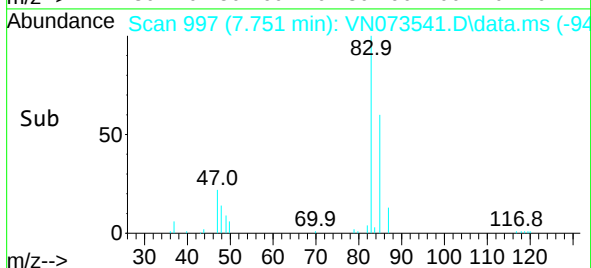
Reviewed By :John Carlone 07/21/2022
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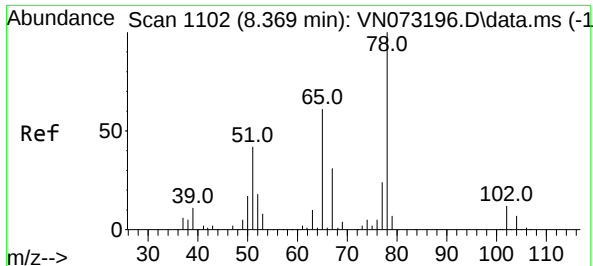


#30
Chloroform
Concen: 5.666 ug/l
RT: 7.751 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02



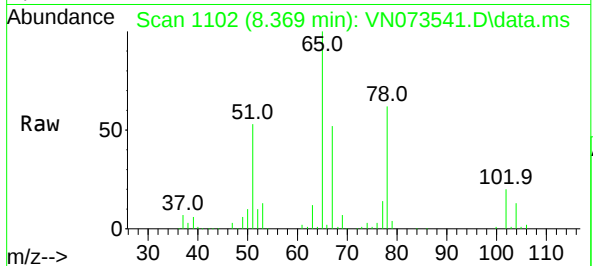
Tgt Ion: 83 Resp: 39582
Ion Ratio Lower Upper
83 100
85 59.6 51.8 77.8





#33
1,2-Dichloroethane-d4
Concen: 42.133 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

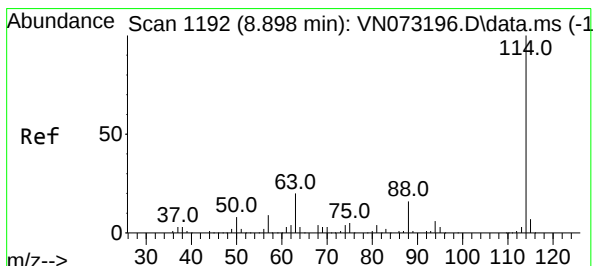
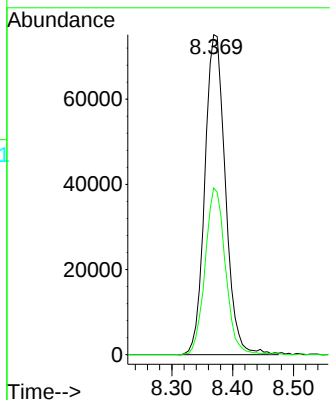
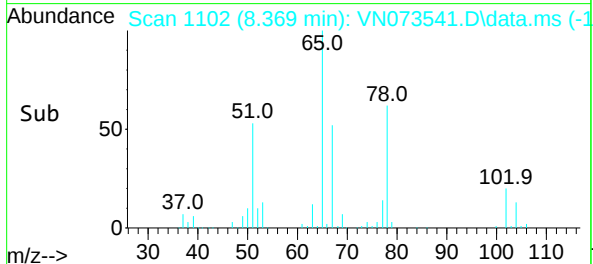
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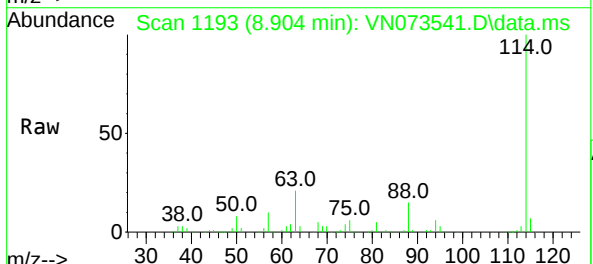
Tgt Ion: 65 Resp: 176179
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8

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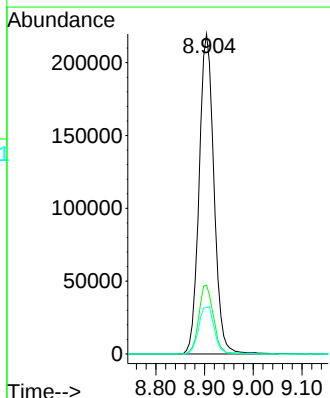
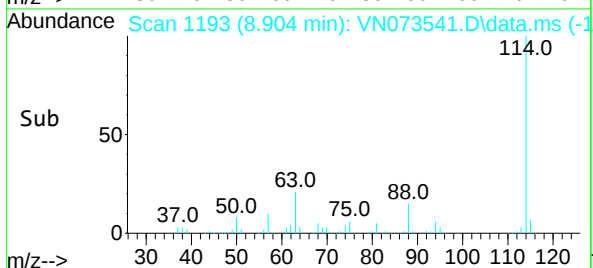
Reviewed By :John Carlone 07/21/2022
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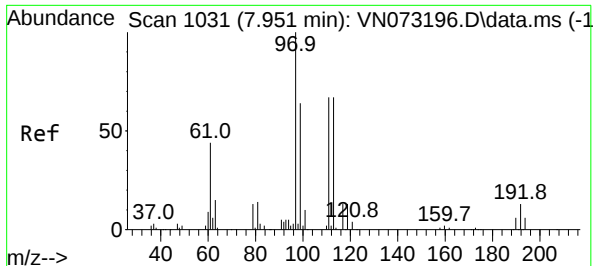


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02



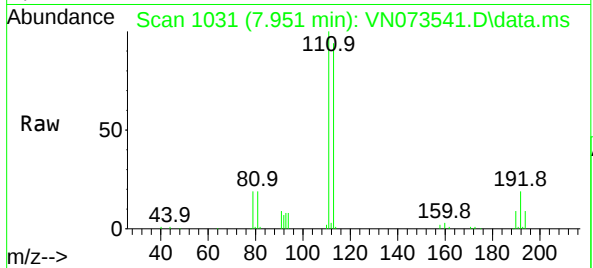
Tgt Ion:114 Resp: 464006
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.0
88 14.6 0.0 32.6





#35
Dibromofluoromethane
Concen: 48.078 ug/l
RT: 7.951 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

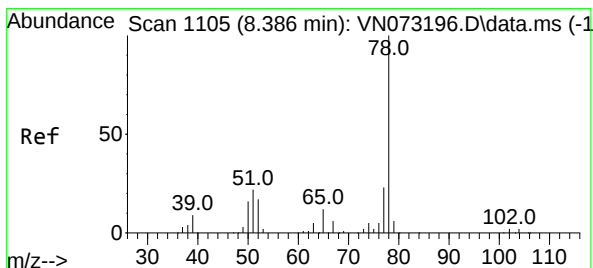
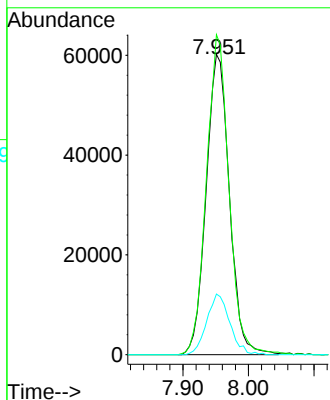
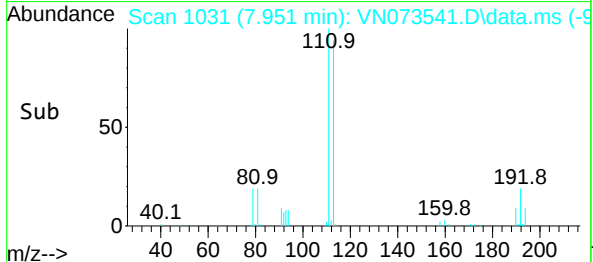
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070622-G



Tgt Ion:113 Resp: 14842
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 20.0 17.0 25.6

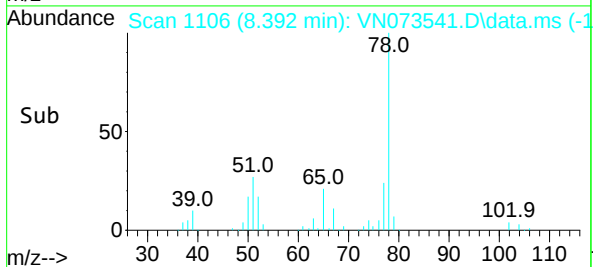
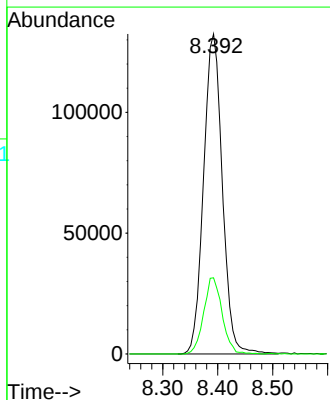
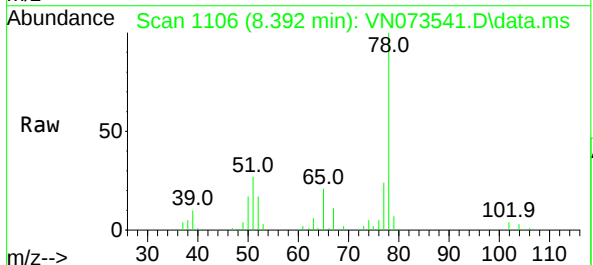
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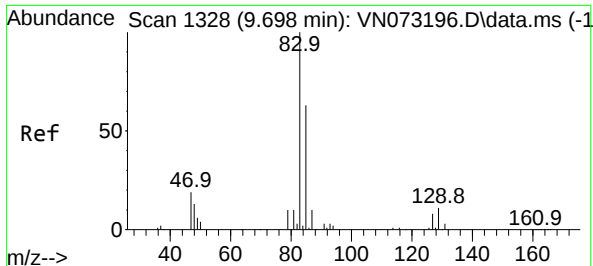
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#40
Benzene
Concen: 21.425 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

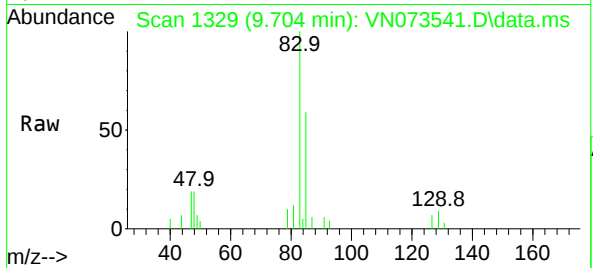
Tgt Ion: 78 Resp: 314076
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0





#47
Bromodichloromethane
Concen: 1.981 ug/l
RT: 9.704 min Scan# 1329
Delta R.T. 0.006 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

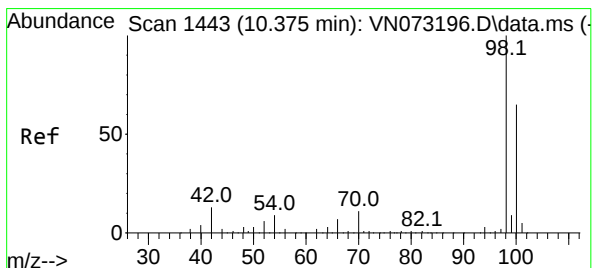
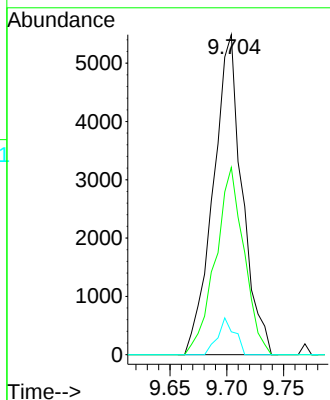
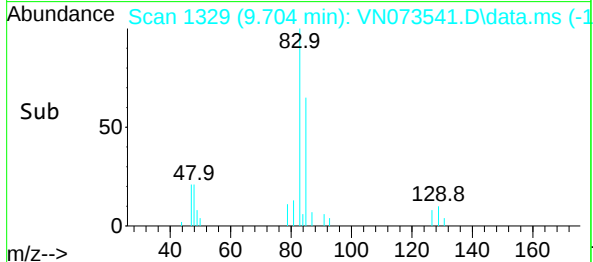
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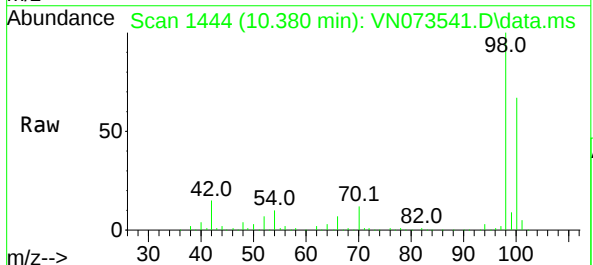
Tgt Ion: 83 Resp: 9730
Ion Ratio Lower Upper
83 100
85 58.5 50.5 75.7
127 7.1 6.8 10.2

Manual Integrations
APPROVED

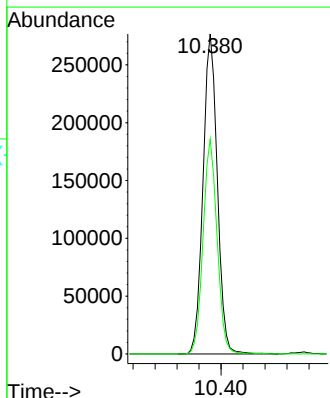
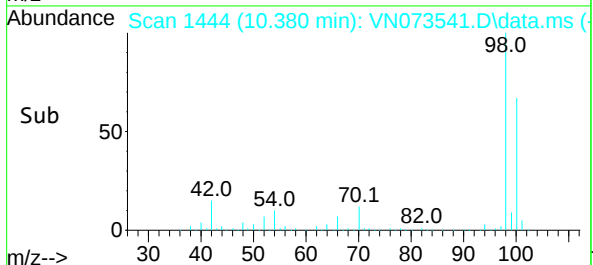
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

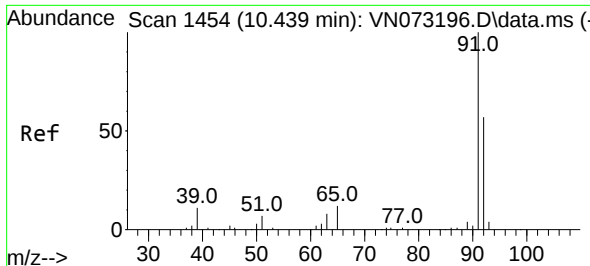


#50
Toluene-d8
Concen: 45.551 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02



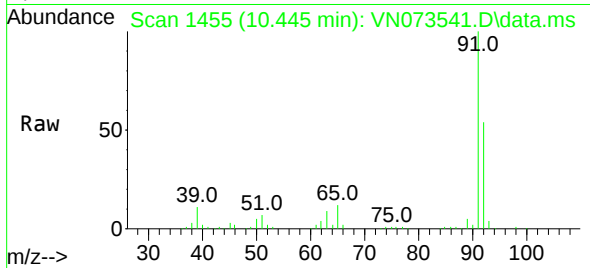
Tgt Ion: 98 Resp: 499438
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8





#52
Toluene
Concen: 22.500 ug/l
RT: 10.445 min Scan# 1454
Delta R.T. 0.006 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

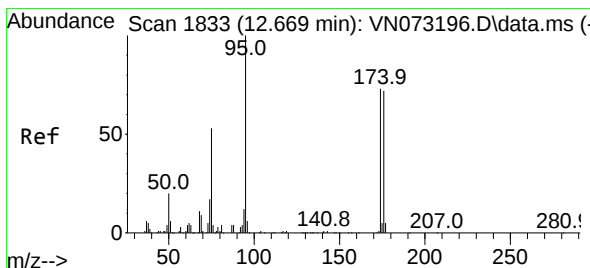
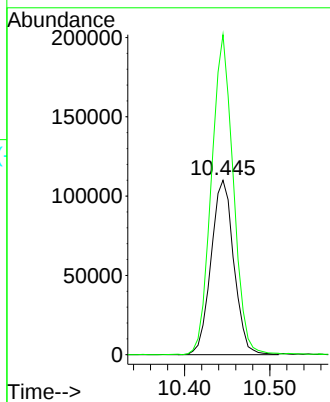
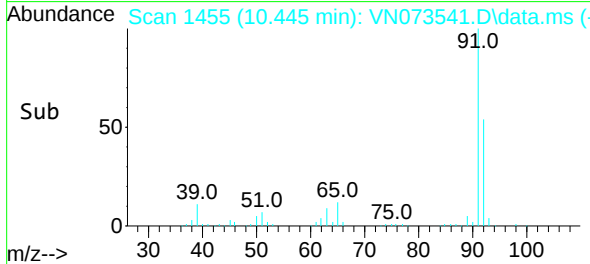
Instrument :
MSVOA_N
ClientSampleId :
070622-G



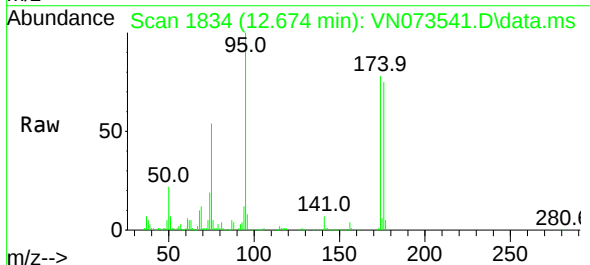
Tgt Ion: 92 Resp: 203849
Ion Ratio Lower Upper
92 100
91 177.0 138.6 207.8

Manual Integrations
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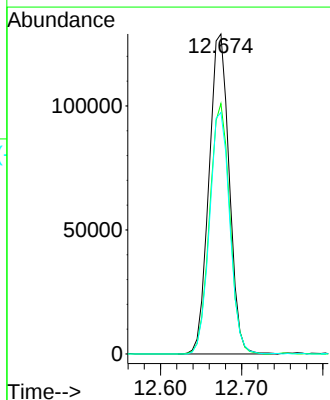
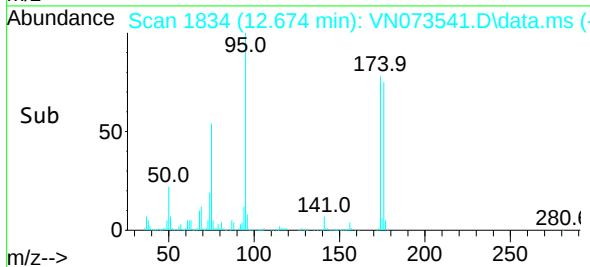
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

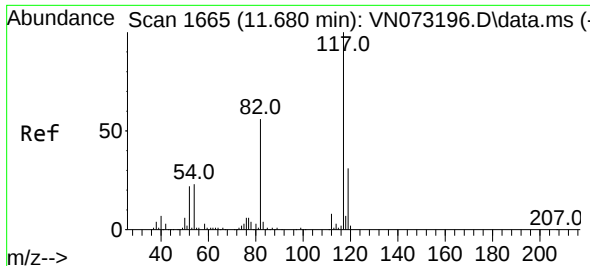


#62
4-Bromofluorobenzene
Concen: 53.123 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02



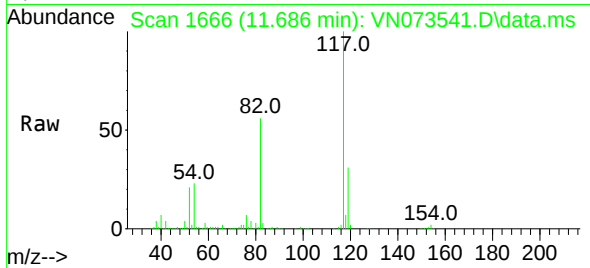
Tgt Ion: 95 Resp: 223837
Ion Ratio Lower Upper
95 100
174 77.8 0.0 167.6
176 75.5 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.006 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

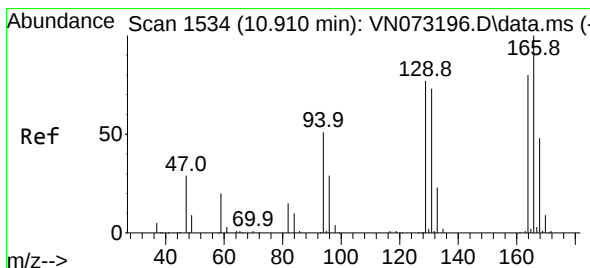
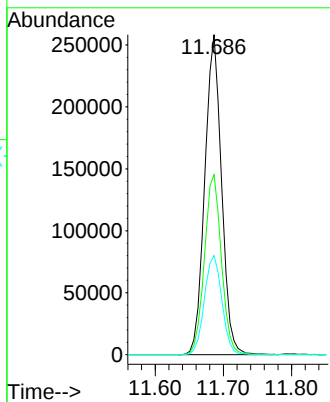
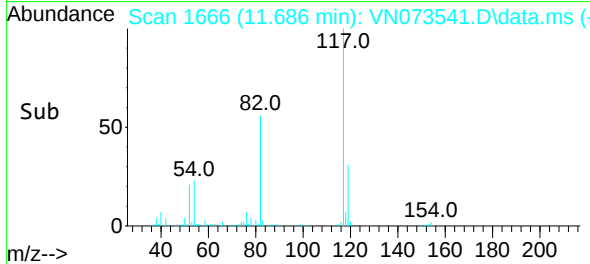
Instrument :
MSVOA_N
ClientSampleId :
070622-G



Tgt Ion:117 Resp: 441750
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.2
119 31.0 25.4 38.0

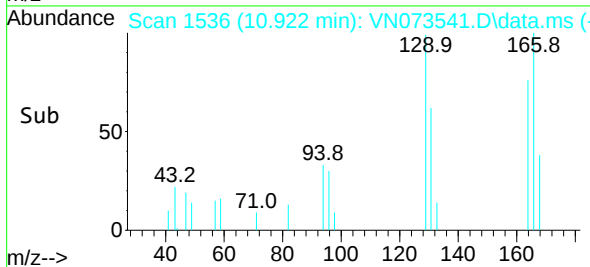
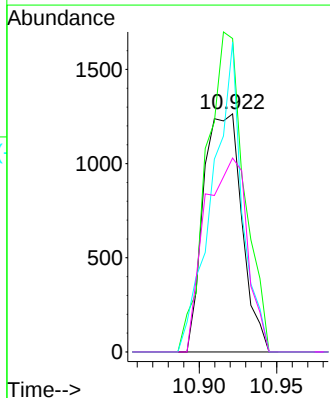
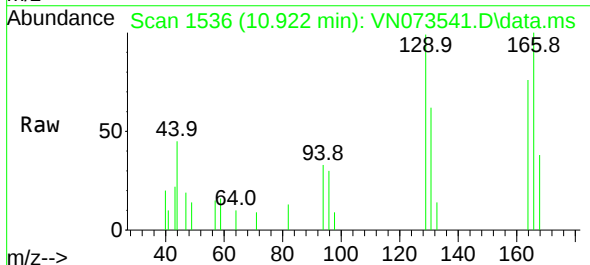
Manual Integrations
APPROVED

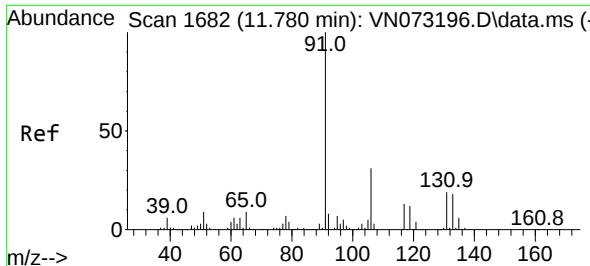
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#64
Tetrachloroethene
Concen: 0.602 ug/l
RT: 10.922 min Scan# 1536
Delta R.T. 0.012 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

Tgt Ion:164 Resp: 2171
Ion Ratio Lower Upper
164 100
166 131.6 104.2 156.2
129 130.1 73.9 110.9#
131 81.5 69.4 104.2





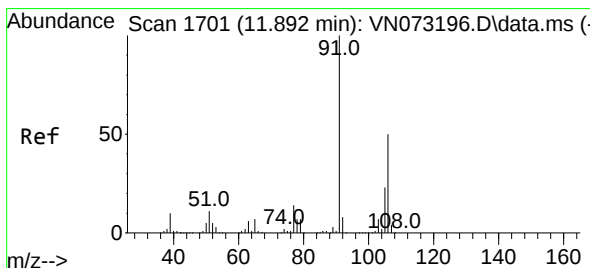
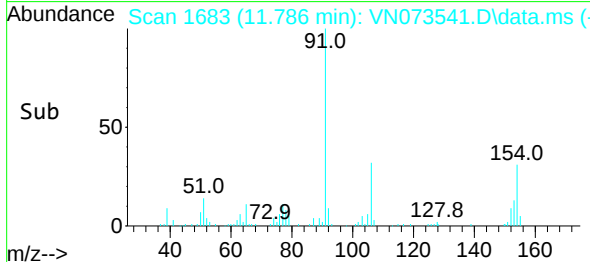
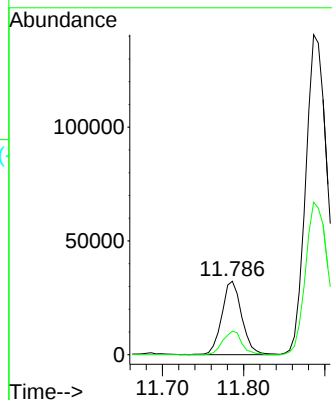
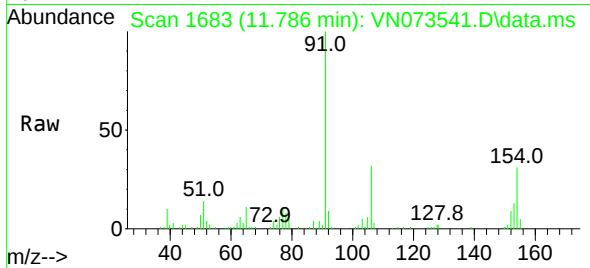
#67
Ethyl Benzene
Concen: 3.053 ug/l
RT: 11.786 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

Instrument :
MSVOA_N
ClientSampleId :
070622-G

Tgt Ion: 91 Resp: 55368
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3

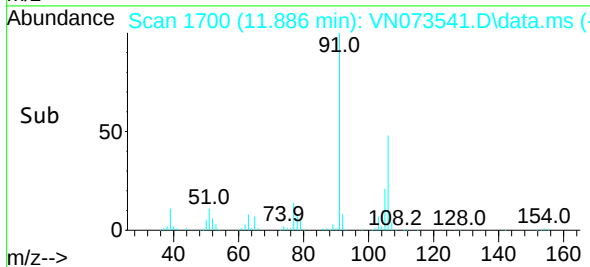
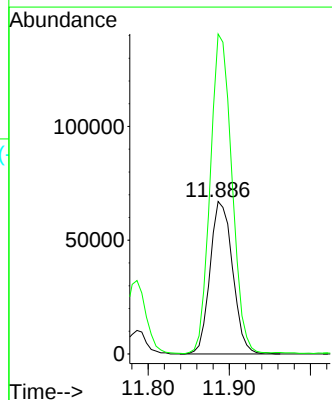
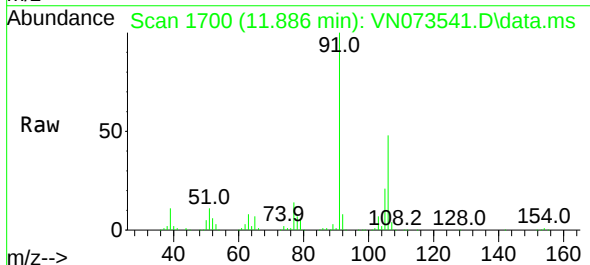
Manual Integrations
APPROVED

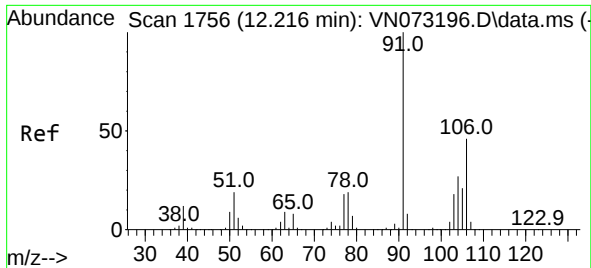
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#68
m/p-Xylenes
Concen: 18.901 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

Tgt Ion:106 Resp: 129384
Ion Ratio Lower Upper
106 100
91 201.7 158.9 238.3





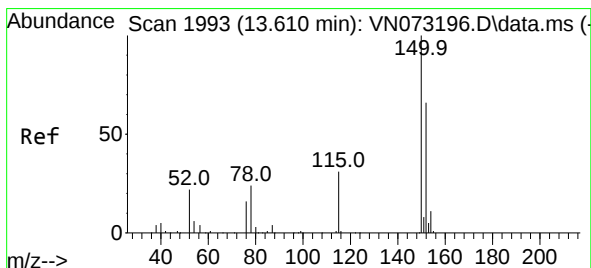
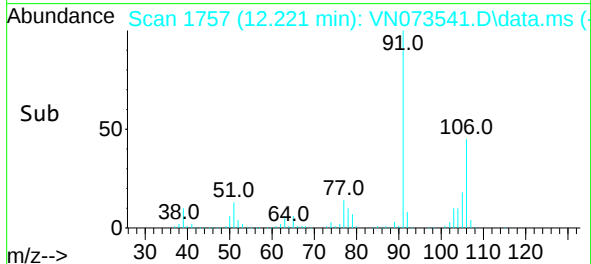
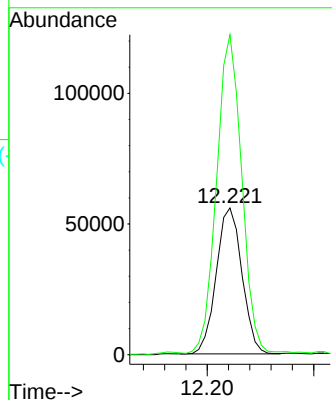
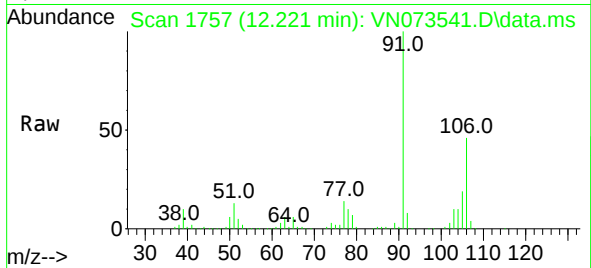
#69
o-Xylene
Concen: 13.401 ug/l
RT: 12.221 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

Instrument :
MSVOA_N
ClientSampleId :
070622-G

Tgt Ion:106 Resp: 93648
Ion Ratio Lower Upper
106 100
91 213.4 106.0 318.0

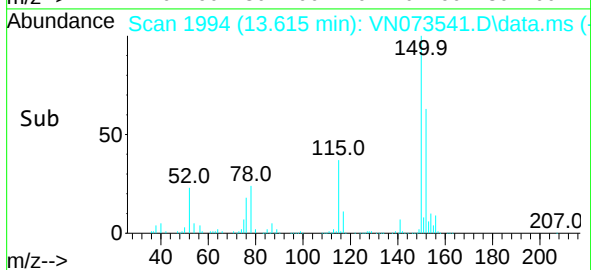
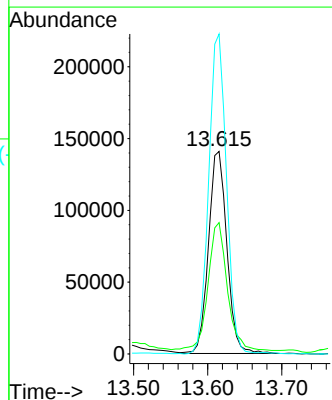
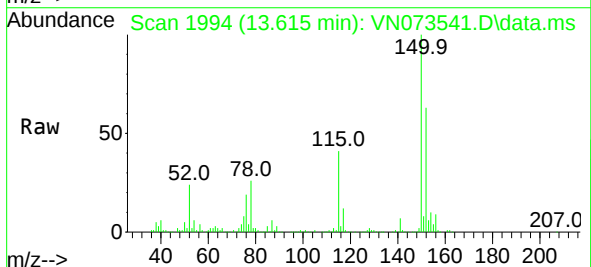
Manual Integrations
APPROVED

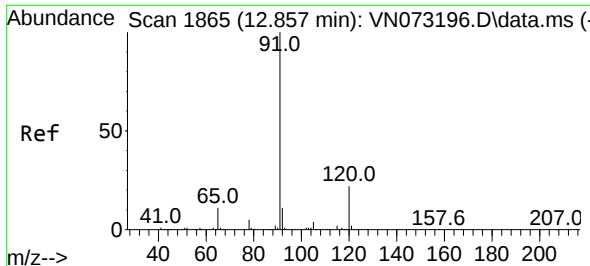
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

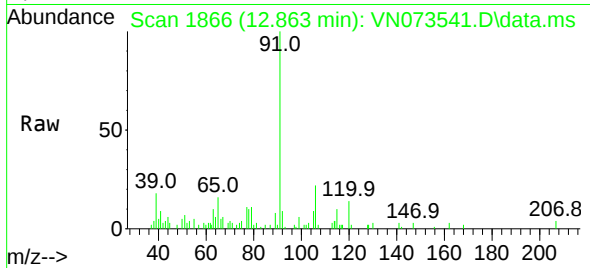
Tgt Ion:152 Resp: 242986
Ion Ratio Lower Upper
152 100
115 66.8 28.9 86.7
150 153.3 0.0 356.2





#78
n-propylbenzene
Concen: 0.819 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

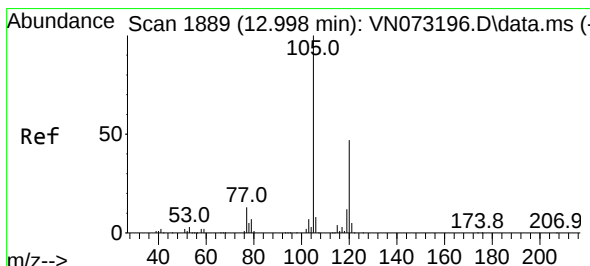
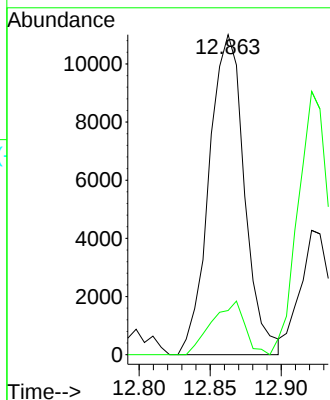
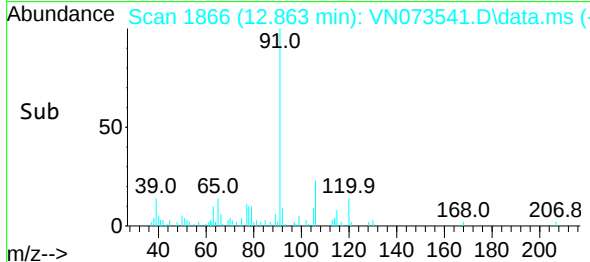
Instrument :
MSVOA_N
ClientSampleId :
070622-G



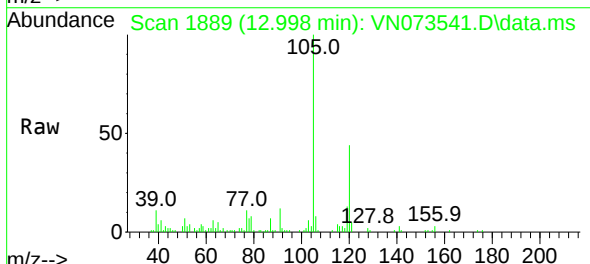
Tgt Ion: 91 Resp: 1909
Ion Ratio Lower Upper
91 100
120 15.6 11.9 35.5

Manual Integrations
APPROVED

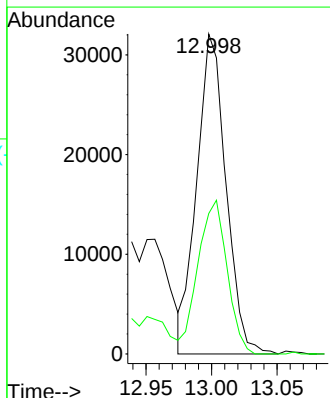
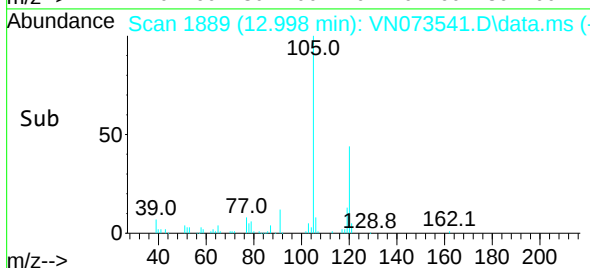
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

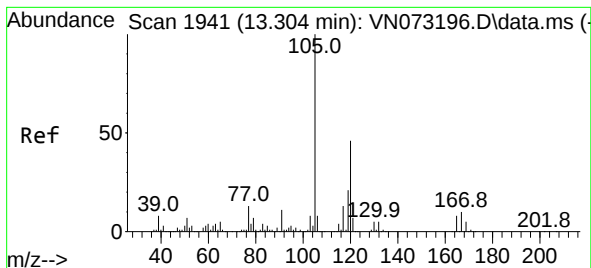


#80
1,3,5-Trimethylbenzene
Concen: 2.907 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02



Tgt Ion:105 Resp: 49724
Ion Ratio Lower Upper
105 100
120 48.0 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 9.298 ug/l

RT: 13.310 min Scan# 1941

Delta R.T. 0.006 min

Lab File: VN073541.D

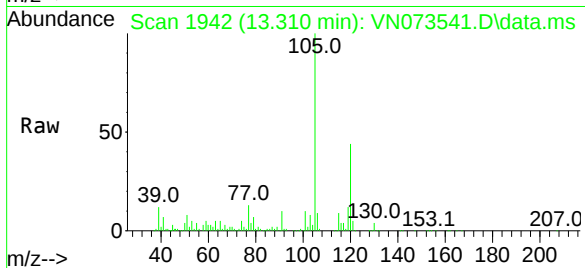
Acq: 20 Jul 2022 23:02

Instrument :

MSVOA_N

ClientSampleId :

070622-G



Tgt Ion:105 Resp: 15876

Ion Ratio Lower Upper

105 100

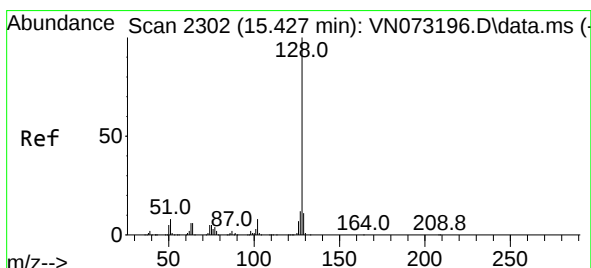
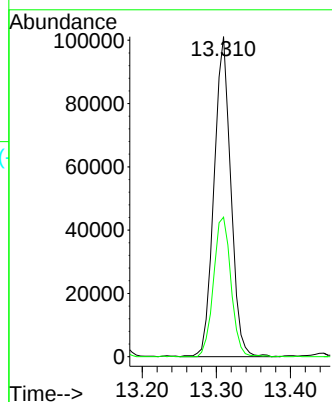
120 45.4 23.3 69.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#95

Naphthalene

Concen: 243.002 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN073541.D

Acq: 20 Jul 2022 23:02

Tgt Ion:128 Resp: 4550745

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.8 8.6 13.0

