

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020122\
 Data File : VN070878.D
 Acq On : 1 Feb 2022 18:11
 Operator : JC/MD
 Sample : N1342-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31527

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/02/2022
 Supervised By : Mahesh Dadoda 02/07/2022

Quant Time: Feb 02 00:37:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	1190765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1836380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1475142	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.702	152	928082	50.000	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	727694	42.641	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.280%		
35) Dibromofluoromethane	8.021	113	543915	47.749	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.500%		
50) Toluene-d8	10.440	98	2437624	50.797	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.600%		
62) 4-Bromofluorobenzene	12.731	95	917078	53.630	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	107.260%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.390	59	8643321	2807.325	ug/l	99
16) Acetone	4.283	43	9870290	833.306	ug/l	96
18) Methyl Acetate	4.851	43	2953535	126.792	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	2437304	51.792	ug/l	91
20) Methylene Chloride	5.090	84	24694	1.583	ug/l	91
25) 2-Butanone	7.335	43	8350909	560.286	ug/l	95
29) Tetrahydrofuran	7.686	42	169682	18.593	ug/l	# 85
31) Cyclohexane	8.091	56	151648m	5.046	ug/l	
40) Benzene	8.458	78	18940747	318.760	ug/l	96
49) 1,4-Dioxane	9.593	88	3089981	11104.205	ug/l	# 27
51) 4-Methyl-2-Pentanone	10.336	43	8518706	343.312	ug/l	99
52) Toluene	10.505	92	15823092	445.176	ug/l	# 1
67) Ethyl Benzene	11.846	91	3467052	58.510	ug/l	96
68) m/p-Xylenes	11.950	106	6530904	302.968	ug/l	95
69) o-Xylene	12.280	106	3162193	147.819	ug/l	92
73) Isopropylbenzene	12.581	105	196639	2.240	ug/l	98
80) 1,3,5-Trimethylbenzene	13.063	105	544862	7.674	ug/l	97
84) 1,2,4-Trimethylbenzene	13.380	105	2795847m	40.965	ug/l	
95) Naphthalene	15.501	128	4853548	95.820	ug/l	97

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

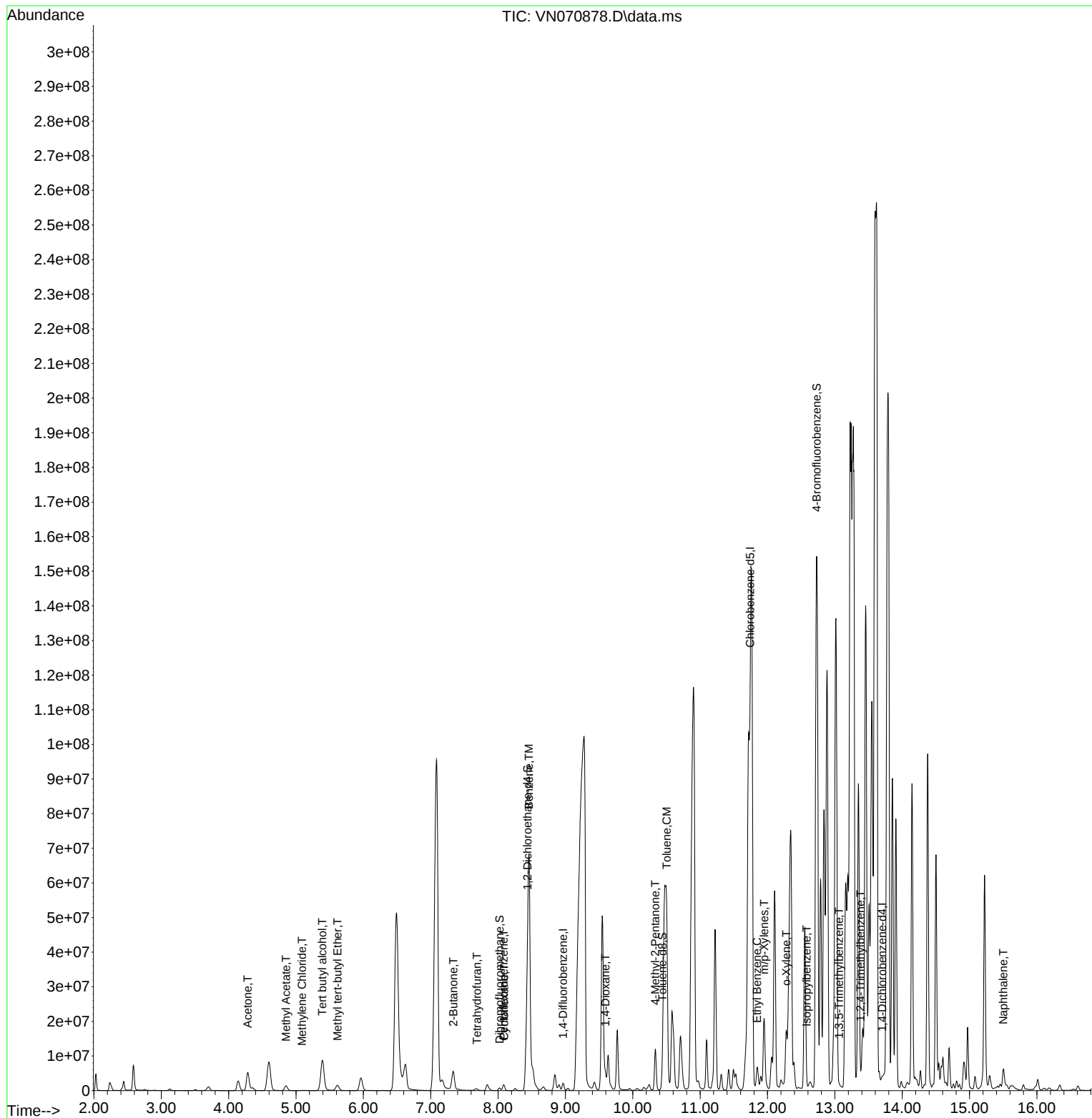
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020122\
Data File : VN070878.D
Acq On : 1 Feb 2022 18:11
Operator : JC/MD
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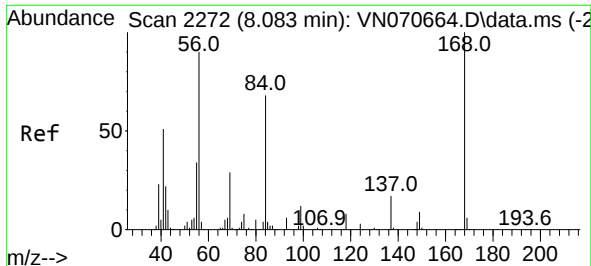
Instrument :
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ClientSampleId :
31527

Manual Integrations
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Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

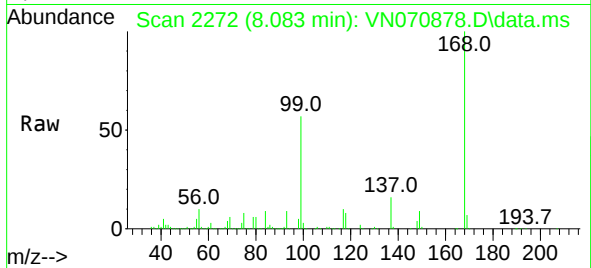
Quant Time: Feb 02 00:37:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 18 13:32:07 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

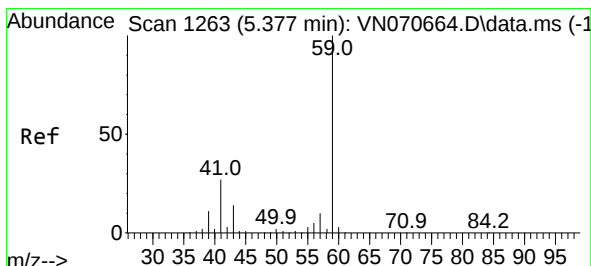
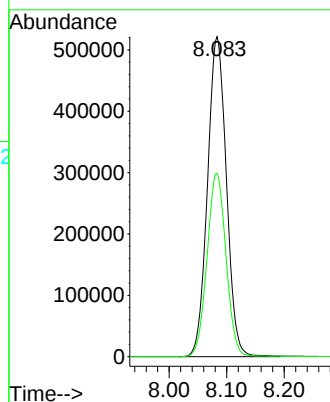
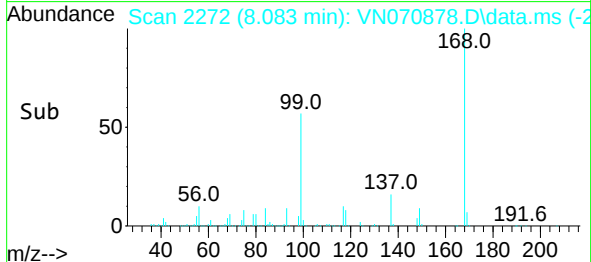
Instrument :
MSVOA_N
ClientSampleId :
31527



Tgt Ion:168 Resp: 119076
Ion Ratio Lower Upper
168 100
99 57.3 41.3 61.9

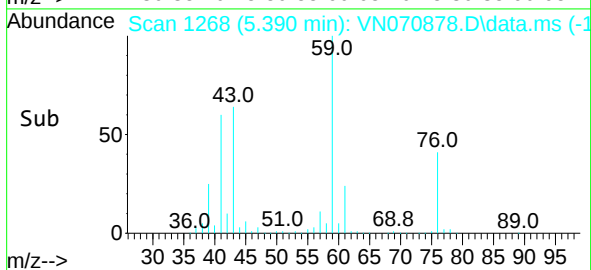
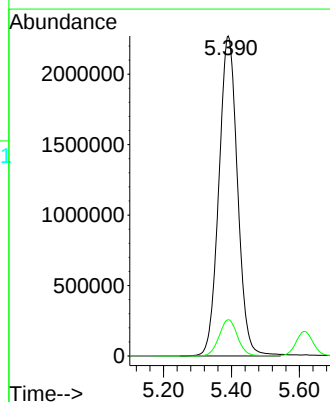
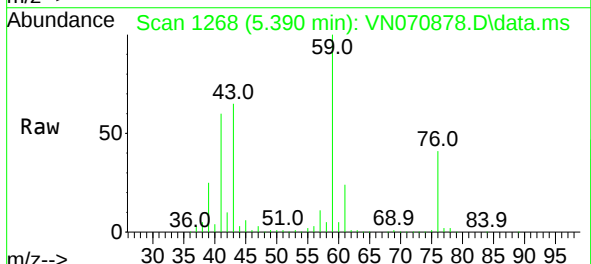
Manual Integrations
APPROVED

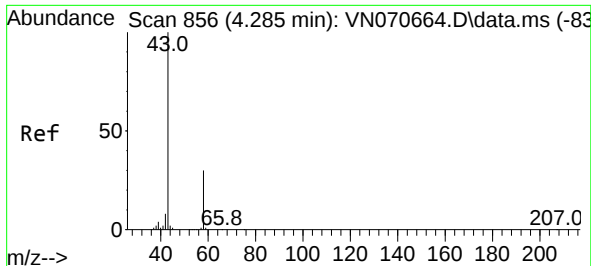
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#11
Tert butyl alcohol
Concen: 2807.325 ug/l
RT: 5.390 min Scan# 1268
Delta R.T. 0.013 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

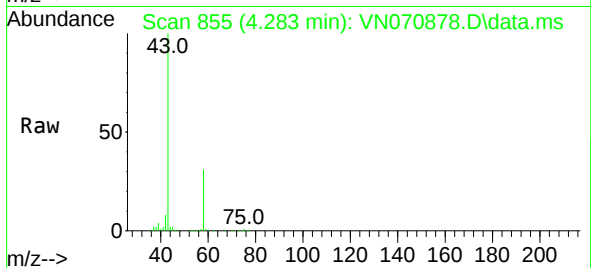
Tgt Ion: 59 Resp: 8643321
Ion Ratio Lower Upper
59 100
57 11.2 8.7 13.1





#16
Acetone
Concen: 833.306 ug/l
RT: 4.283 min Scan# 856
Delta R.T. -0.002 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

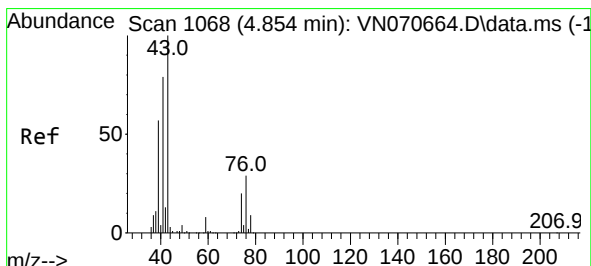
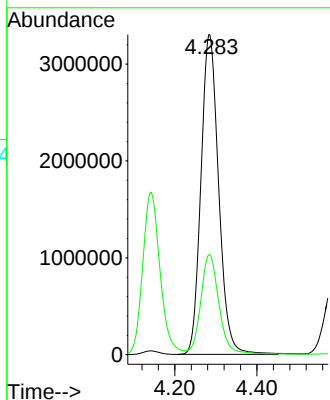
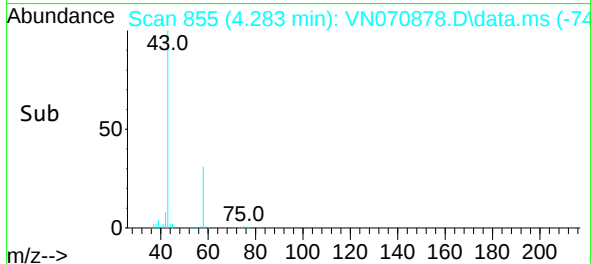
Instrument :
MSVOA_N
ClientSampleId :
31527



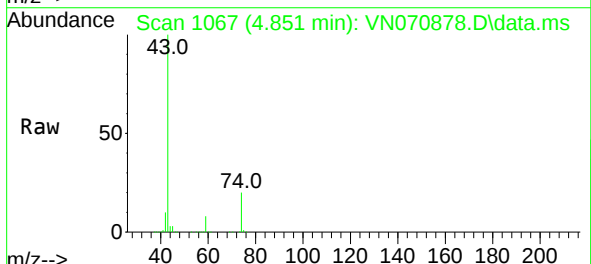
Tgt Ion: 43 Resp: 9870290
Ion Ratio Lower Upper
43 100
58 31.0 23.1 34.7

Manual Integrations
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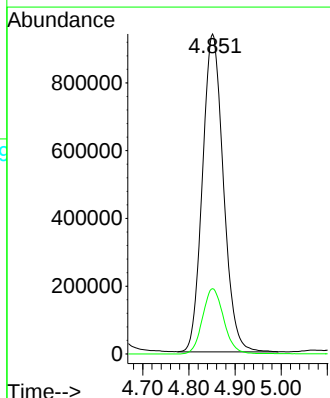
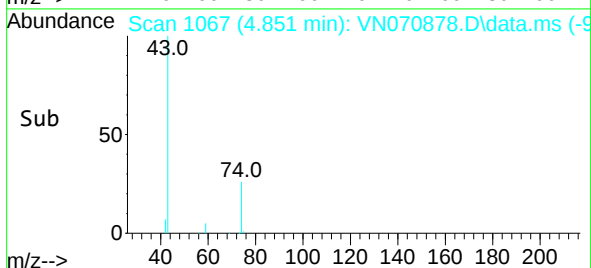
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

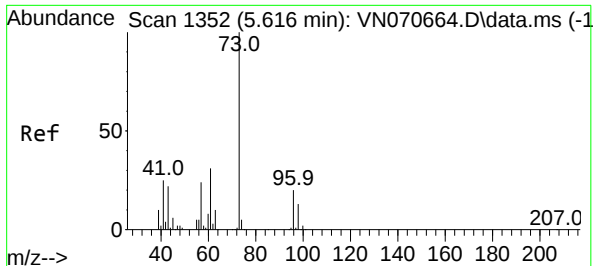


#18
Methyl Acetate
Concen: 126.792 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.003 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11



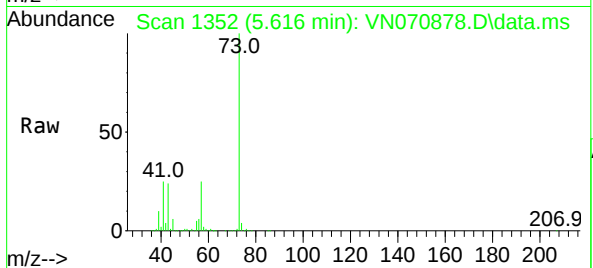
Tgt Ion: 43 Resp: 2953535
Ion Ratio Lower Upper
43 100
74 20.8 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 51.792 ug/l
RT: 5.616 min Scan# 1156
Delta R.T. -0.000 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

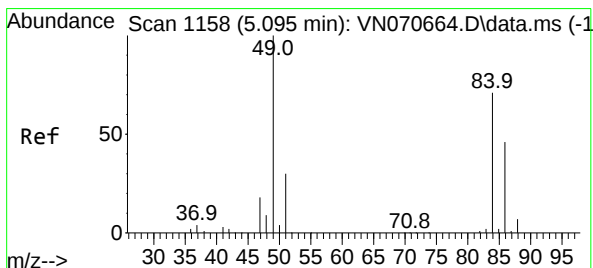
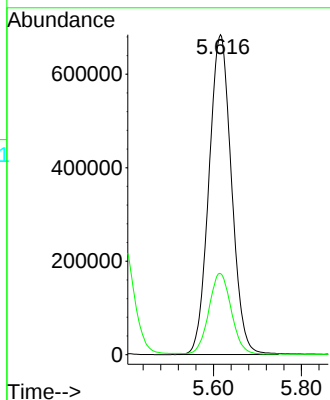
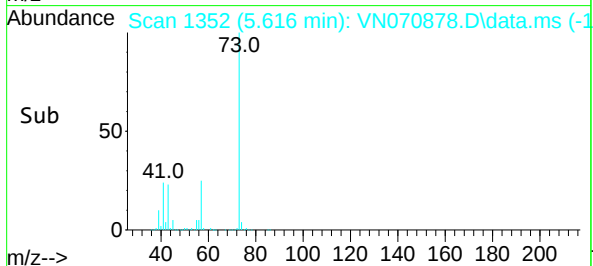
Instrument :
MSVOA_N
ClientSampleId :
31527



Tgt Ion: 73 Resp: 2437304
Ion Ratio Lower Upper
73 100
57 25.1 16.8 25.2

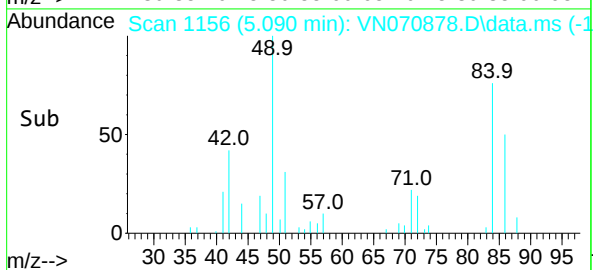
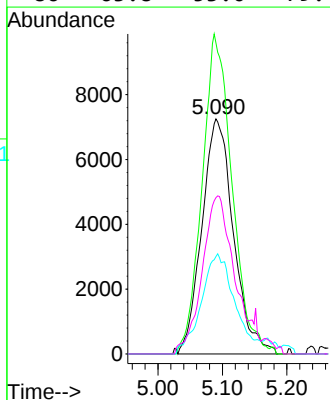
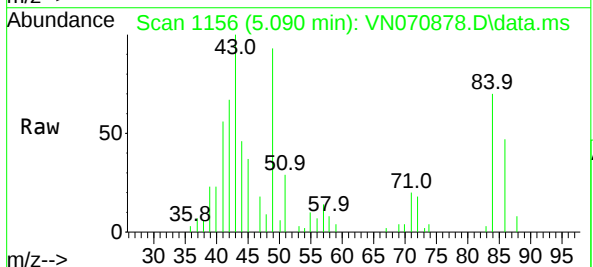
Manual Integrations
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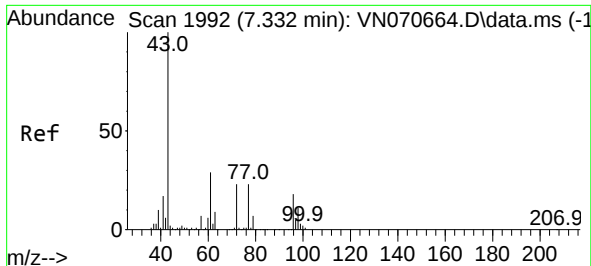
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#20
Methylene Chloride
Concen: 1.583 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.005 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

Tgt Ion: 84 Resp: 24694
Ion Ratio Lower Upper
84 100
49 132.3 93.5 140.3
51 38.6 29.4 44.2
86 63.8 53.0 79.4





#25

2-Butanone

Concen: 560.286 ug/l

RT: 7.335 min Scan# 1992

Delta R.T. 0.003 min

Lab File: VN070878.D

Acq: 1 Feb 2022 18:11

Instrument :

MSVOA_N

ClientSampleId :

31527

Tgt Ion: 43 Resp: 8350909

Ion Ratio Lower Upper

43 100

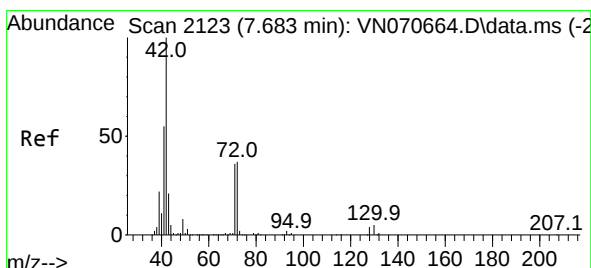
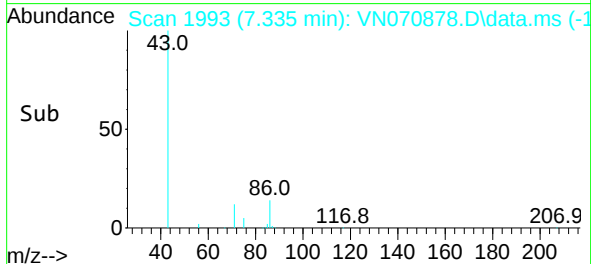
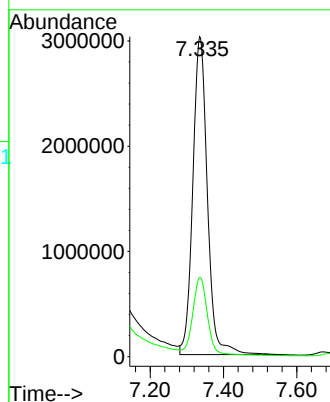
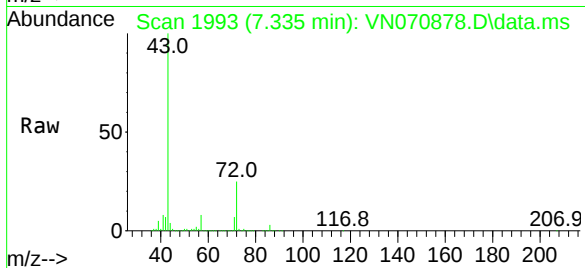
72 24.5 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/02/2022

Supervised By :Mahesh Dadoda 02/07/2022



#29

Tetrahydrofuran

Concen: 18.593 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN070878.D

Acq: 1 Feb 2022 18:11

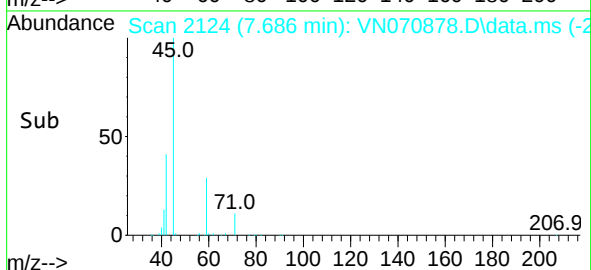
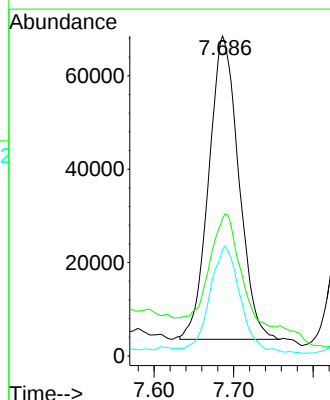
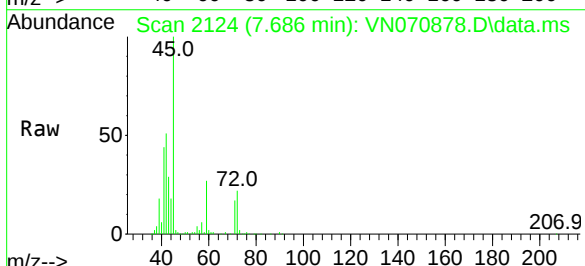
Tgt Ion: 42 Resp: 169682

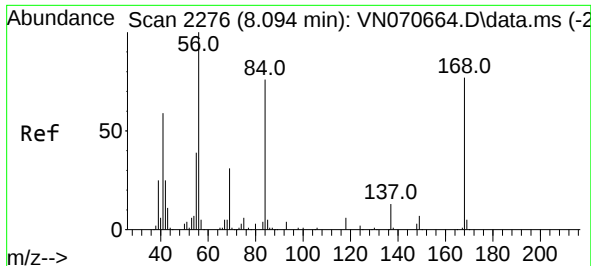
Ion Ratio Lower Upper

42 100

72 36.2 36.3 54.5#

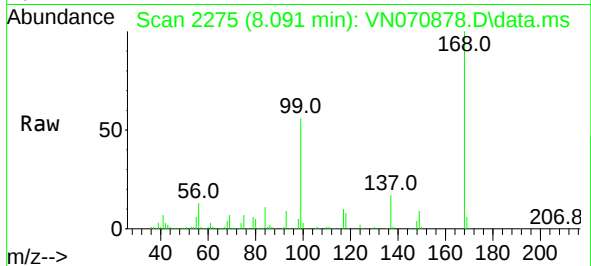
71 32.9 34.7 52.1#





#31
Cyclohexane
Concen: 5.046 ug/l m
RT: 8.091 min Scan# 21527
Delta R.T. -0.003 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

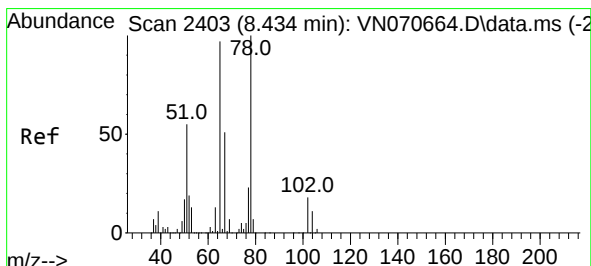
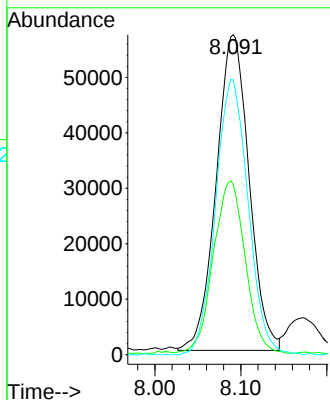
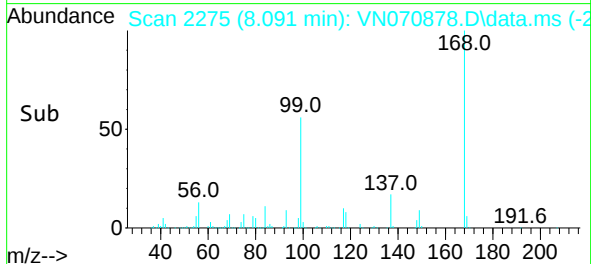
Instrument :
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31527



Tgt Ion: 56 Resp: 151648
Ion Ratio Lower Upper
56 100
69 53.2 27.1 40.7
84 85.9 73.4 110.0

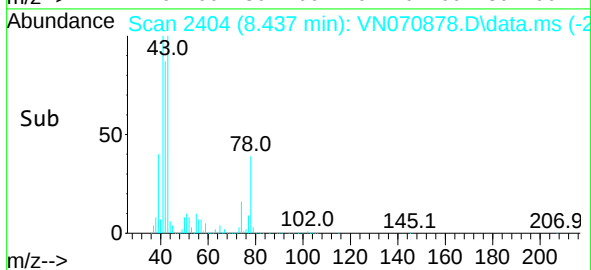
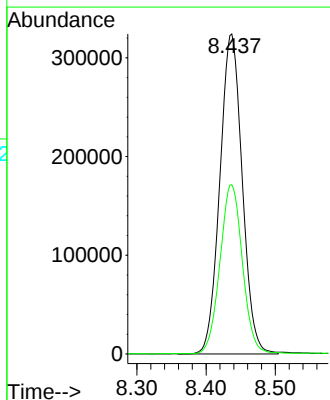
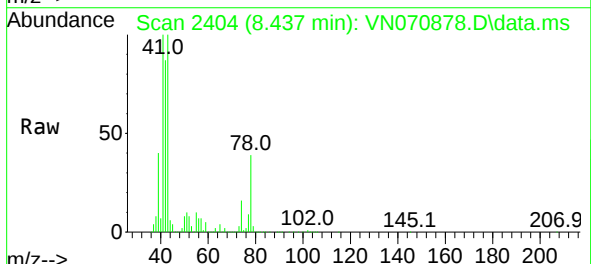
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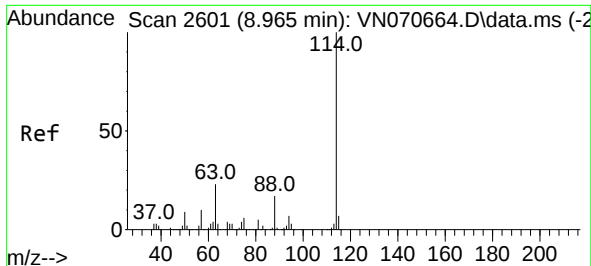
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#33
1,2-Dichloroethane-d4
Concen: 42.641 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

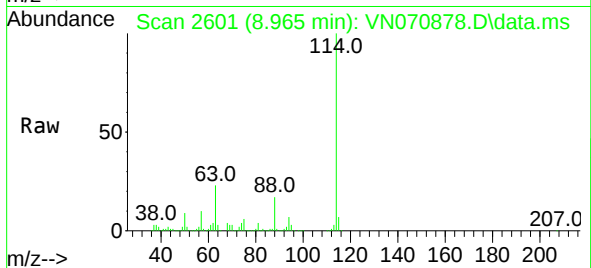
Tgt Ion: 65 Resp: 727694
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

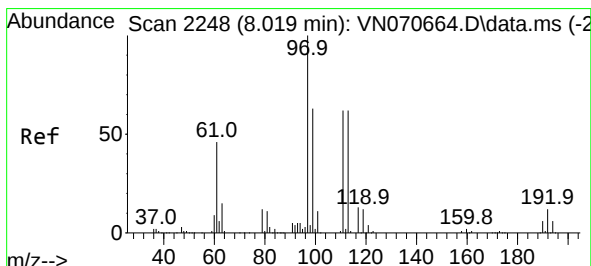
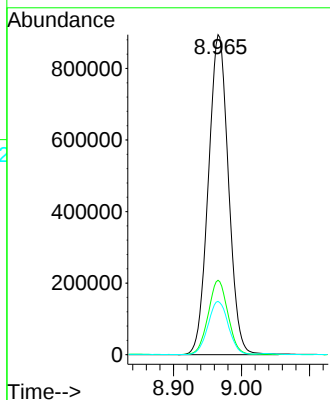
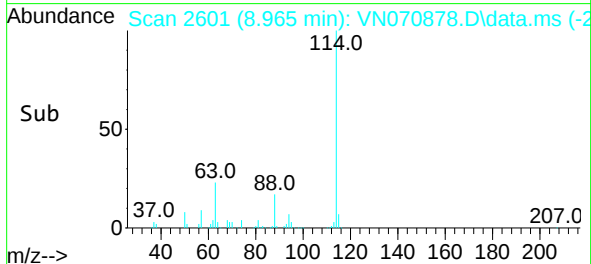
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31527



Tgt Ion:114 Resp: 1836380
Ion Ratio Lower Upper
114 100
63 23.2 0.0 37.8
88 16.6 0.0 27.4

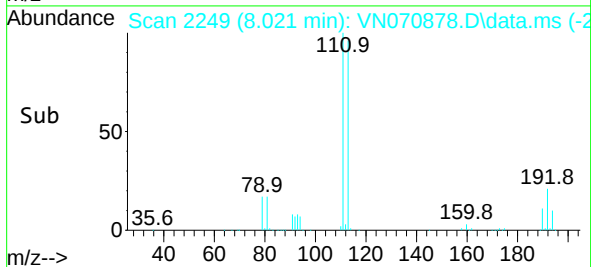
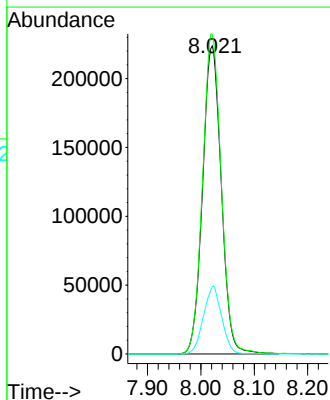
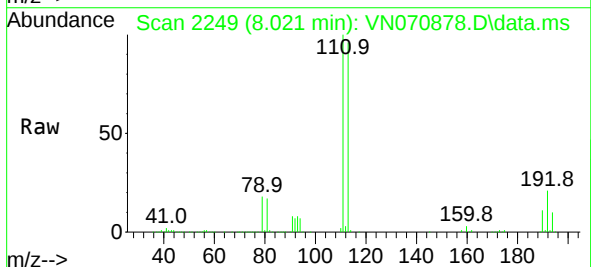
Manual Integrations
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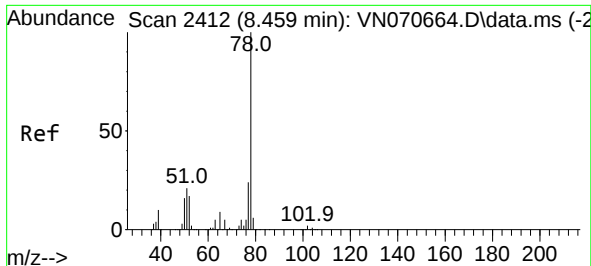
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#35
Dibromofluoromethane
Concen: 47.749 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.002 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

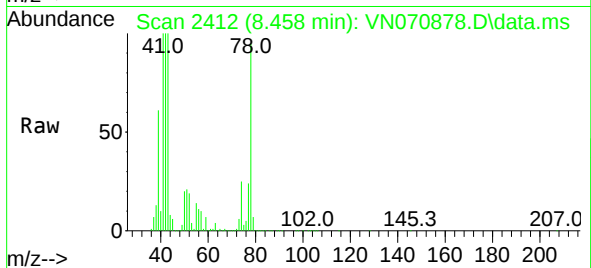
Tgt Ion:113 Resp: 543915
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 21.4 16.9 25.3





#40
Benzene
Concen: 318.760 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.001 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

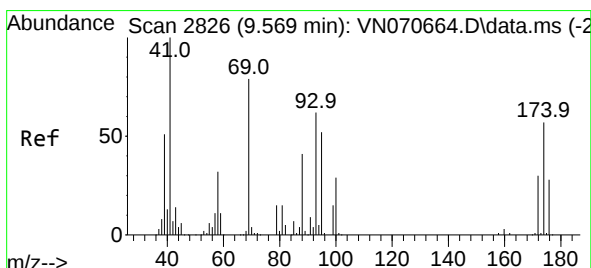
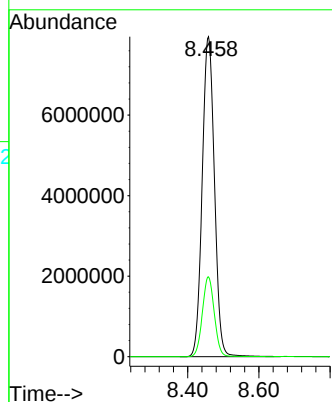
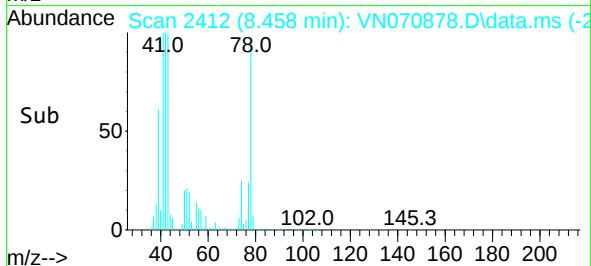
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MSVOA_N
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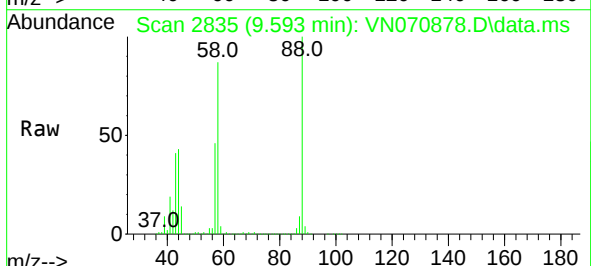
Tgt Ion: 78 Resp: 1894074
Ion Ratio Lower Upper
78 100
77 25.0 18.6 27.8

Manual Integrations
APPROVED

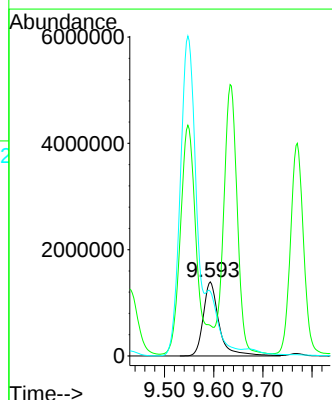
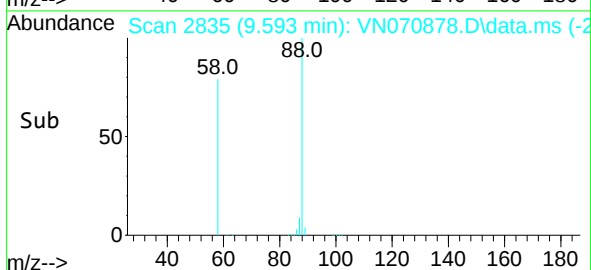
Reviewed By : John Carlone 02/02/2022
Supervised By : Mahesh Dadoda 02/07/2022

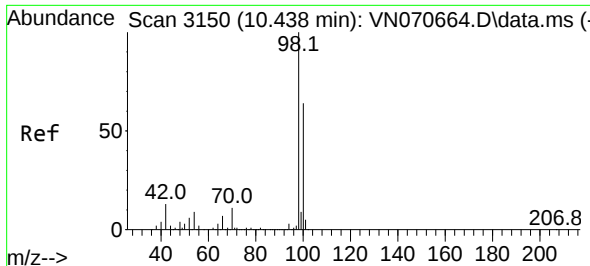


#49
1,4-Dioxane
Concen: 11104.205 ug/l
RT: 9.593 min Scan# 2835
Delta R.T. 0.024 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11



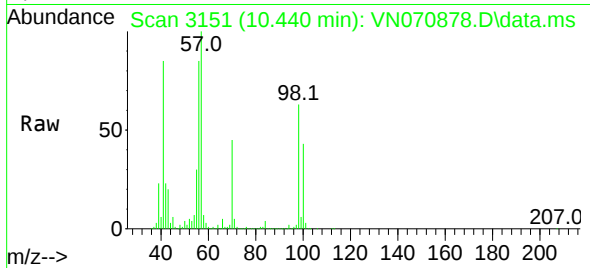
Tgt Ion: 88 Resp: 3089981
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#





#50
Toluene-d8
Concen: 50.797 ug/l
RT: 10.440 min Scan# 3150
Delta R.T. 0.002 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

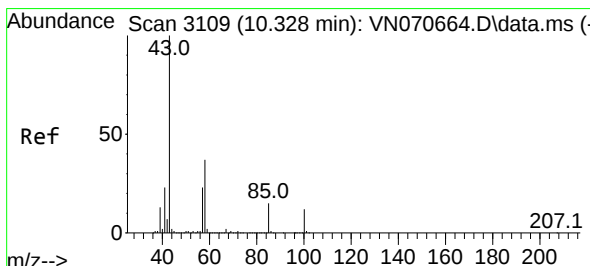
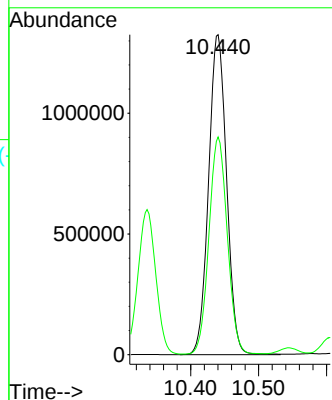
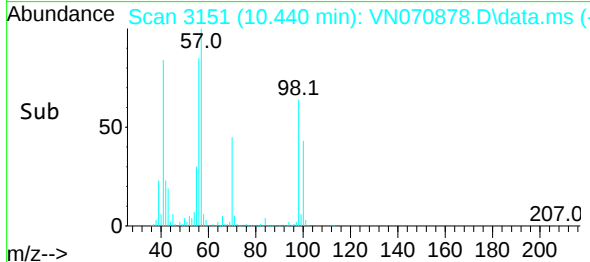
Instrument :
MSVOA_N
ClientSampleId :
31527



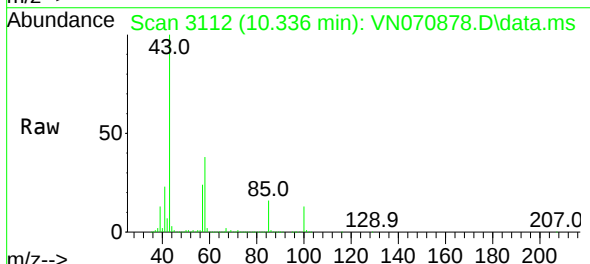
Tgt Ion: 98 Resp: 2437624
Ion Ratio Lower Upper
98 100
100 69.7 50.4 75.6

Manual Integrations
APPROVED

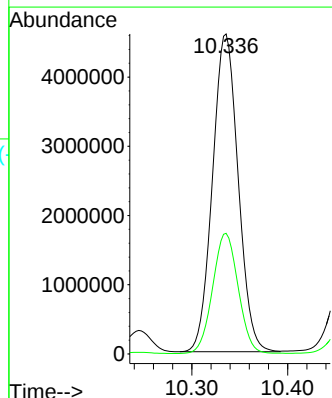
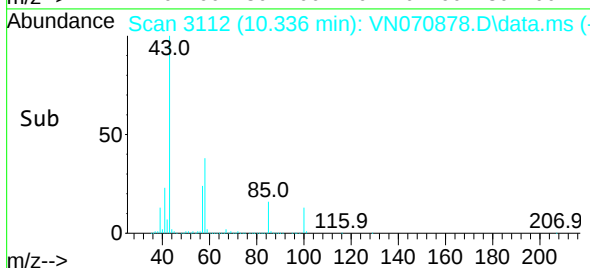
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

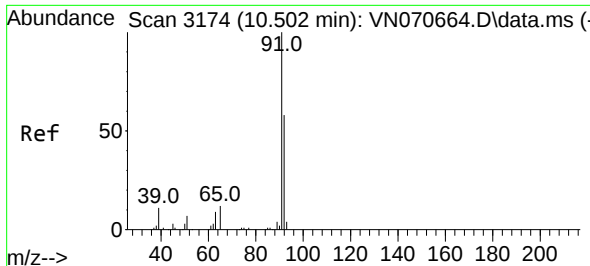


#51
4-Methyl-2-Pentanone
Concen: 343.312 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.008 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11



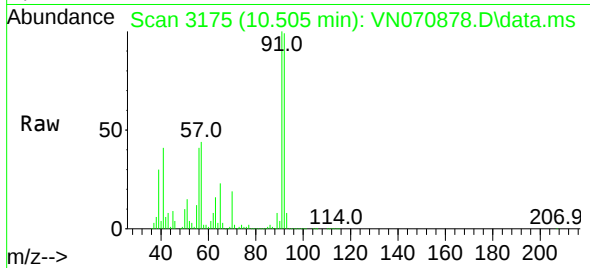
Tgt Ion: 43 Resp: 8518706
Ion Ratio Lower Upper
43 100
58 37.7 30.4 45.6





#52
Toluene
Concen: 445.176 ug/l
RT: 10.505 min Scan# 3174
Delta R.T. 0.003 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

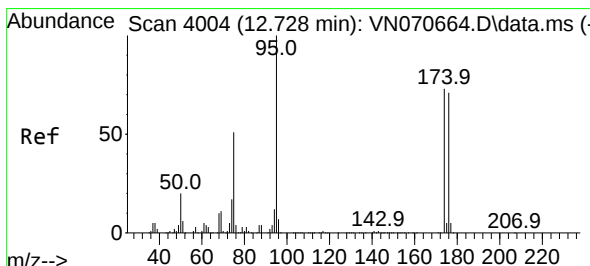
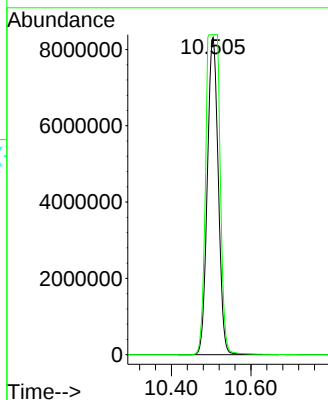
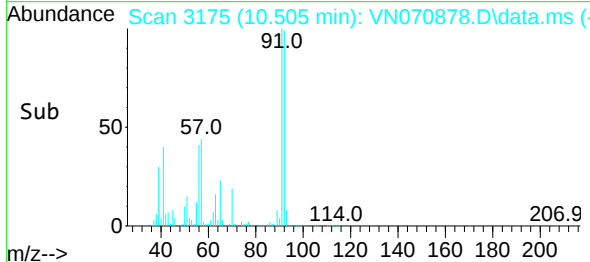
Instrument :
MSVOA_N
ClientSampleId :
31527



Tgt Ion: 92 Resp:15823092
Ion Ratio Lower Upper
92 100
91 0.0 142.0 213.0

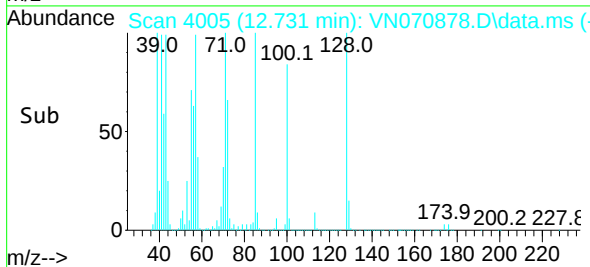
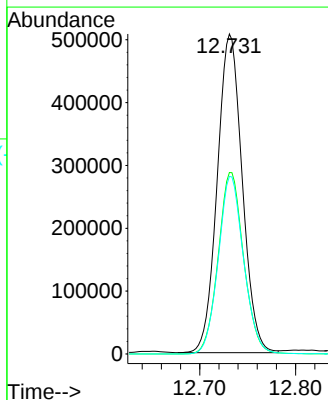
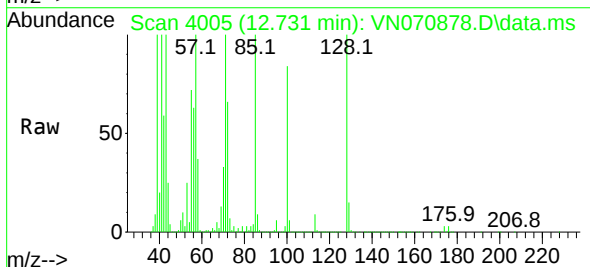
Manual Integrations
APPROVED

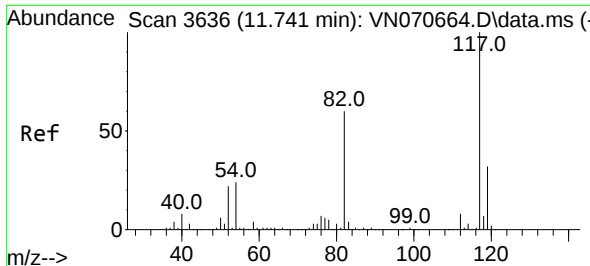
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#62
4-Bromofluorobenzene
Concen: 53.630 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

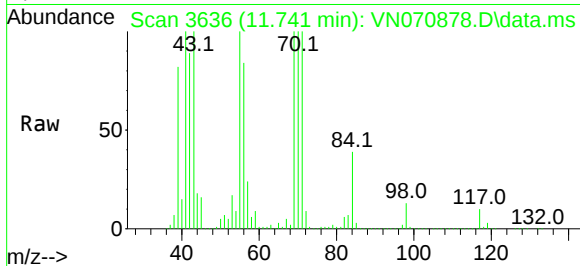
Tgt Ion: 95 Resp: 917078
Ion Ratio Lower Upper
95 100
174 57.9 0.0 187.2
176 56.6 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. 0.000 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

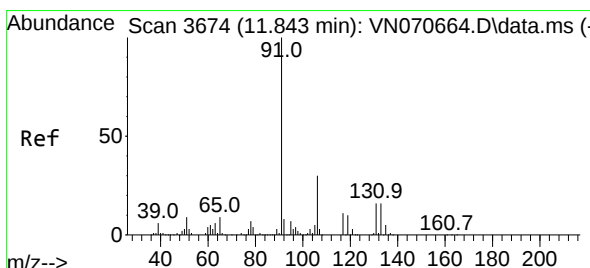
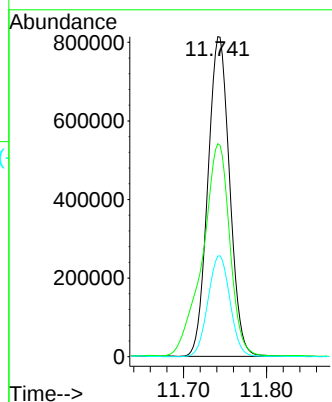
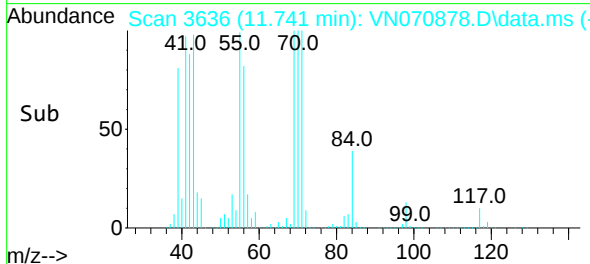
Instrument :
MSVOA_N
ClientSampleId :
31527



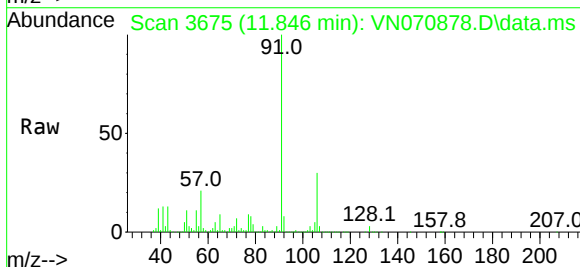
Tgt Ion: 117 Resp: 147514
Ion Ratio Lower Upper
117 100
82 66.3 42.4 63.6
119 31.4 25.4 38.2

Manual Integrations
APPROVED

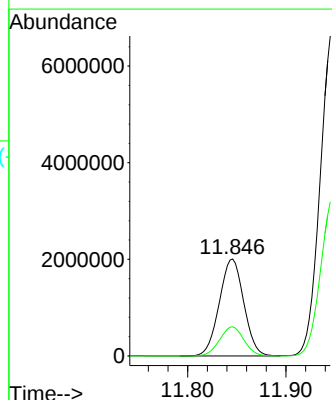
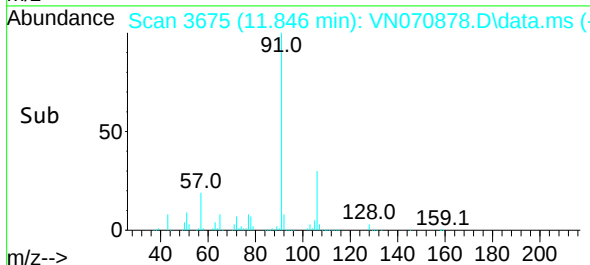
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

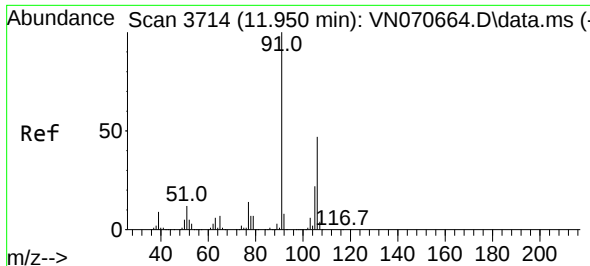


#67
Ethyl Benzene
Concen: 58.510 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11



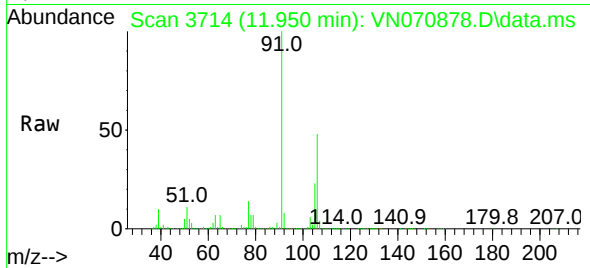
Tgt Ion: 91 Resp: 3467052
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5





#68
m/p-Xylenes
Concen: 302.968 ug/l
RT: 11.950 min Scan# 31527
Delta R.T. 0.000 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

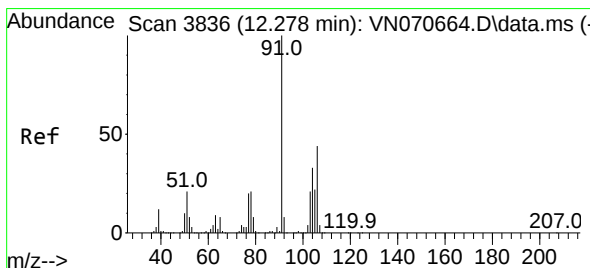
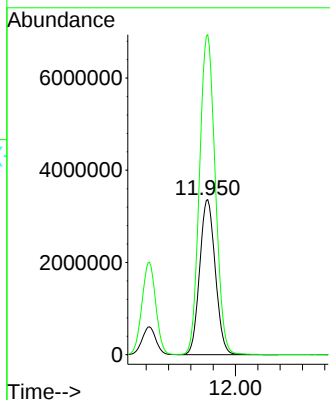
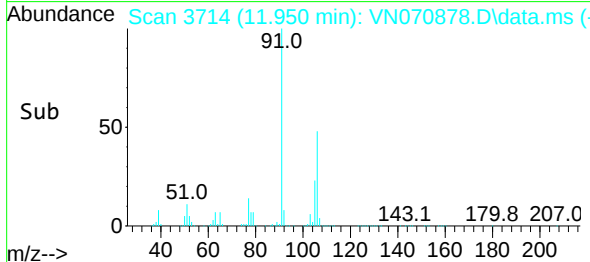
Instrument :
MSVOA_N
ClientSampleId :
31527



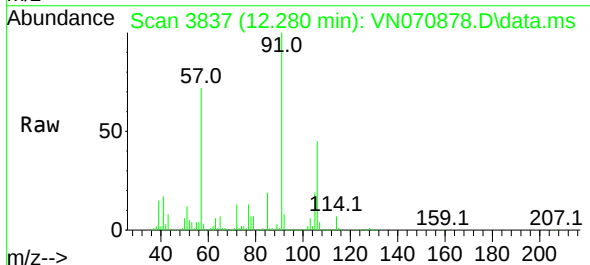
Tgt Ion:106 Resp: 6530904
Ion Ratio Lower Upper
106 100
91 208.8 160.6 240.8

Manual Integrations
APPROVED

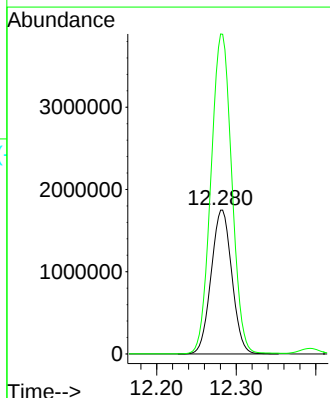
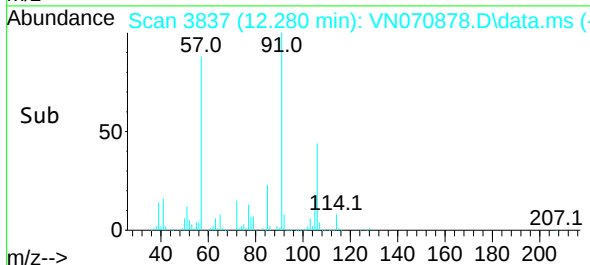
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

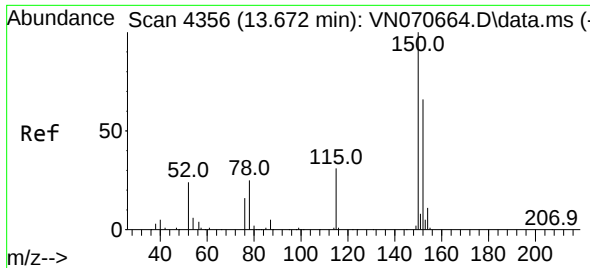


#69
o-Xylene
Concen: 147.819 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11



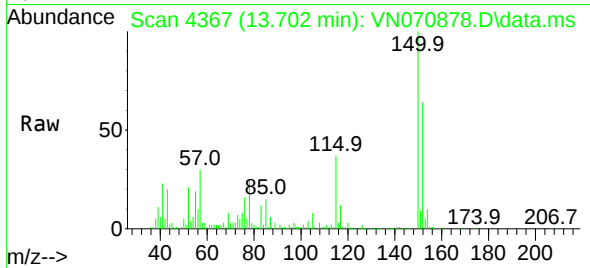
Tgt Ion:106 Resp: 3162193
Ion Ratio Lower Upper
106 100
91 223.9 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.702 min Scan# 41
Delta R.T. 0.030 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

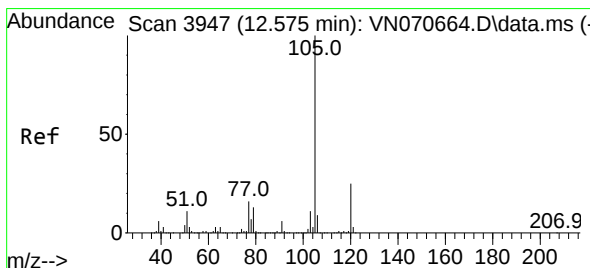
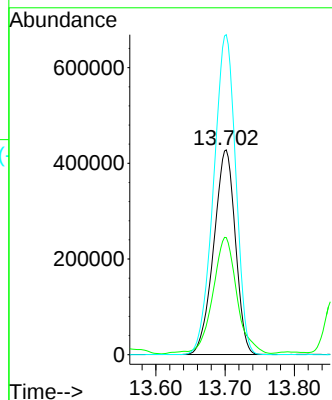
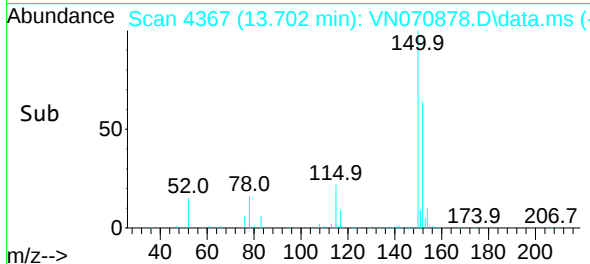
Instrument :
MSVOA_N
ClientSampleId :
31527



Tgt Ion:152 Resp: 92808
Ion Ratio Lower Upper
152 100
115 63.8 27.5 82.5
150 160.4 0.0 344.4

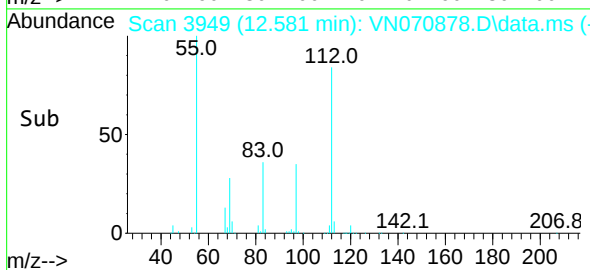
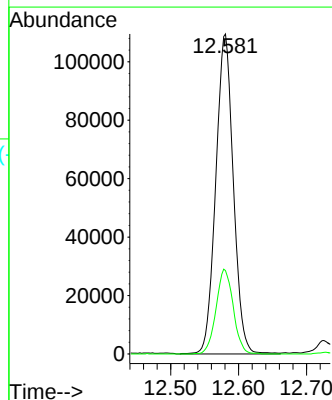
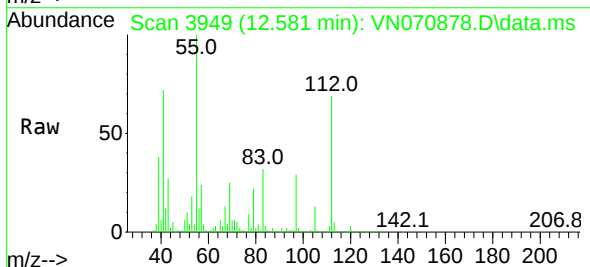
Manual Integrations
APPROVED

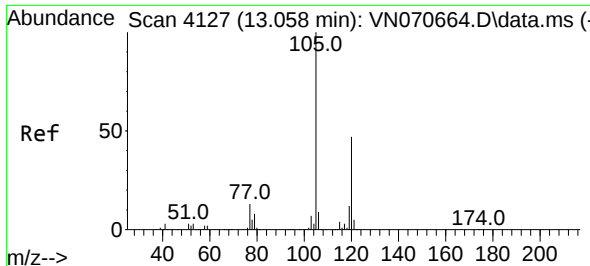
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#73
Isopropylbenzene
Concen: 2.240 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.006 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

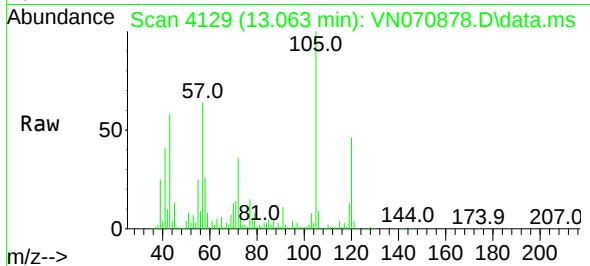
Tgt Ion:105 Resp: 196639
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1





#80
1,3,5-Trimethylbenzene
Concen: 7.674 ug/l
RT: 13.063 min Scan# 4127
Delta R.T. 0.005 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11

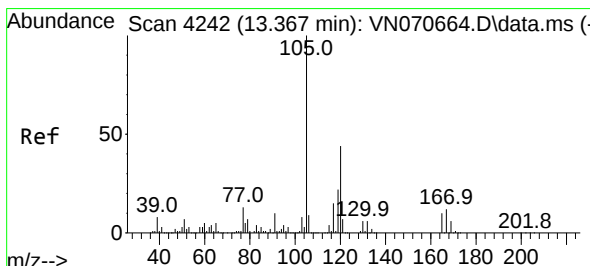
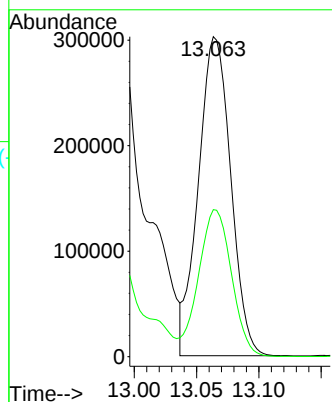
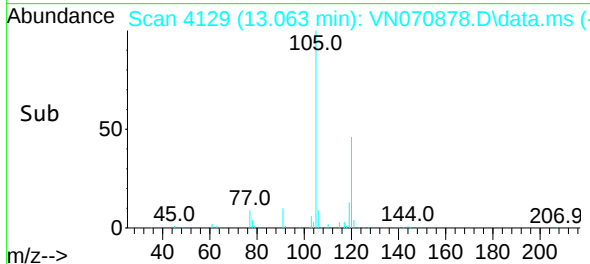
Instrument :
MSVOA_N
ClientSampleId :
31527



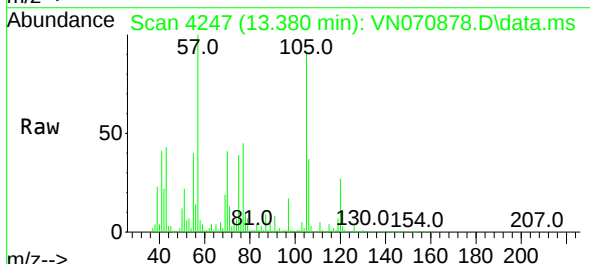
Tgt Ion:105 Resp: 544862
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.6

Manual Integrations
APPROVED

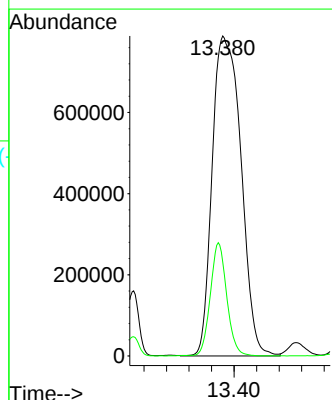
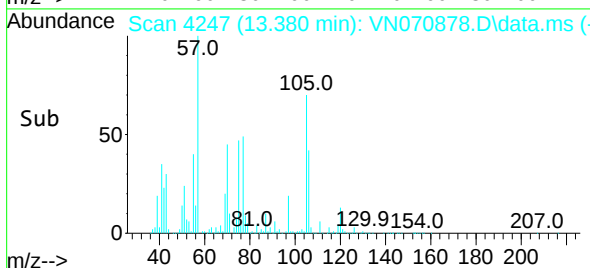
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

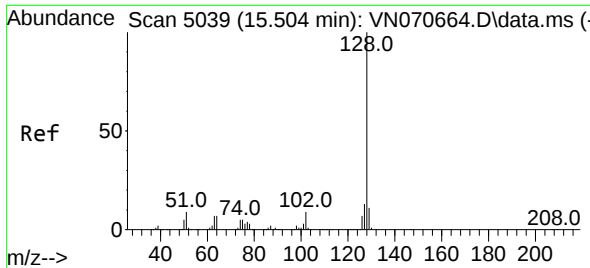


#84
1,2,4-Trimethylbenzene
Concen: 40.965 ug/l m
RT: 13.380 min Scan# 4247
Delta R.T. 0.013 min
Lab File: VN070878.D
Acq: 1 Feb 2022 18:11



Tgt Ion:105 Resp: 2795847
Ion Ratio Lower Upper
105 100
120 2.6 22.8 68.4#





#95

Naphthalene

Concen: 95.820 ug/l

RT: 15.501 min Scan# 5038

Delta R.T. -0.003 min

Lab File: VN070878.D

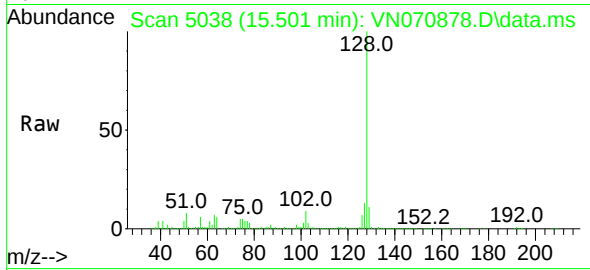
Acq: 1 Feb 2022 18:11

Instrument :

MSVOA_N

ClientSampleId :

31527



Tgt Ion:128 Resp: 485354

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 13.1 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/02/2022

Supervised By :Mahesh Dadoda 02/07/2022

