

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020122\
 Data File : VN070883.D
 Acq On : 1 Feb 2022 20:18
 Operator : JC/MD
 Sample : N1342-19
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31537

Manual Integrations
 APPROVED

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

Quant Time: Feb 02 00:39:07 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	8.086	168	1302575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1998341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1773629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	753664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	764181	40.935	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	81.880%		
35) Dibromofluoromethane	8.021	113	580263	46.812	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.620%		
50) Toluene-d8	10.440	98	2458990	47.089	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.180%		
62) 4-Bromofluorobenzene	12.728	95	858500	46.135	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.280%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.379	59	868235	257.794	ug/l #	87
16) Acetone	4.285	43	1405005	108.437	ug/l	97
18) Methyl Acetate	4.859	43	63908	2.508	ug/l	96
20) Methylene Chloride	5.092	84	28218m	1.653	ug/l	
25) 2-Butanone	7.337	43	165637	10.159	ug/l	93
31) Cyclohexane	8.094	56	467018m	14.207	ug/l	
39) Methylcyclohexane	9.459	83	289937	11.254	ug/l	90
40) Benzene	8.458	78	9165967	141.755	ug/l	99
43) Isopropyl Acetate	8.563	43	342404	8.092	ug/l #	62
52) Toluene	10.505	92	2726896	70.502	ug/l	96
67) Ethyl Benzene	11.843	91	277222	3.891	ug/l	96
68) m/p-Xylenes	11.948	106	401326	15.484	ug/l	93
69) o-Xylene	12.277	106	161605	6.283	ug/l	89
84) 1,2,4-Trimethylbenzene	13.366	105	60972	1.100	ug/l	91
95) Naphthalene	15.504	128	19323	5.394	ug/l #	93

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

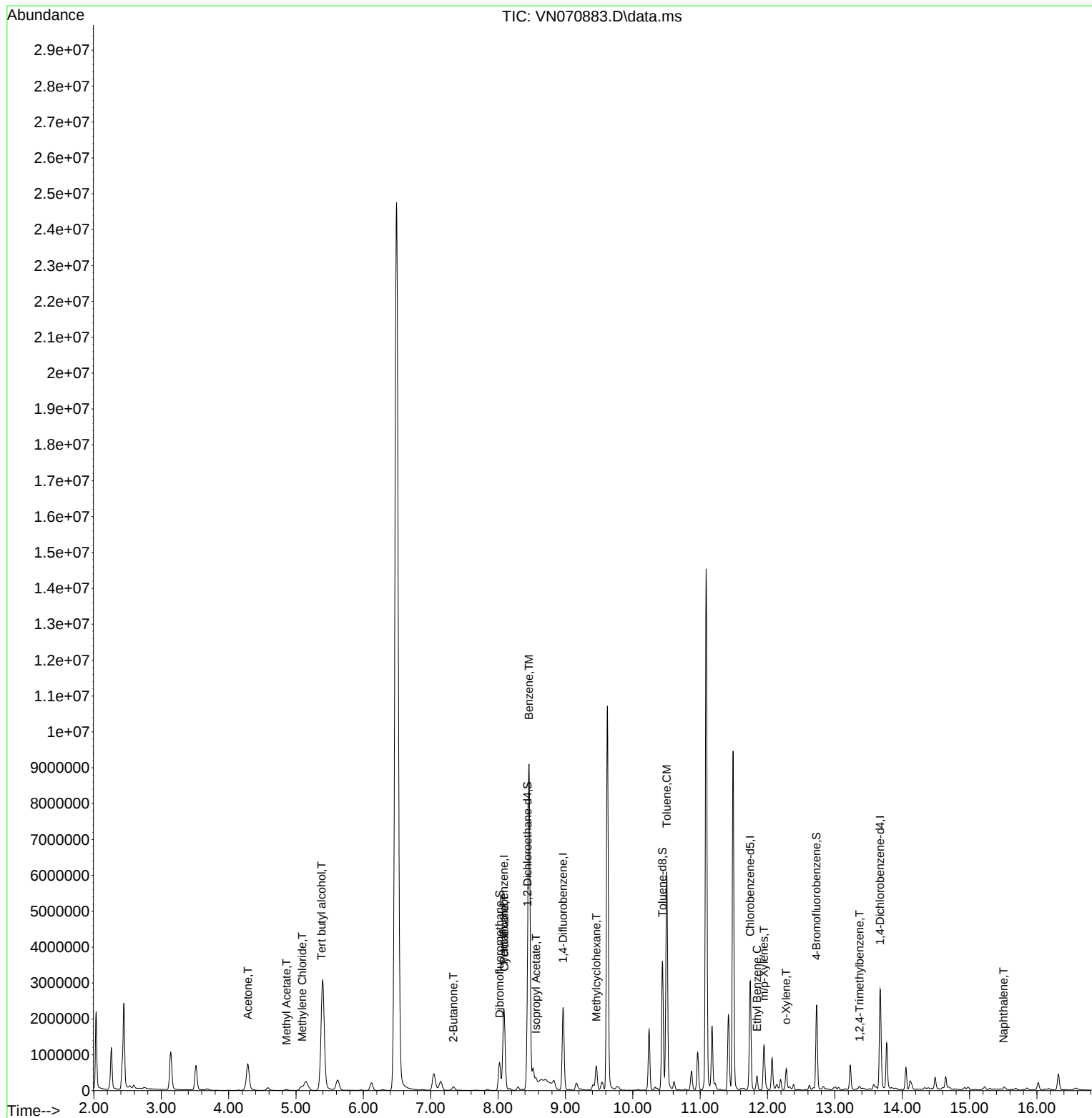
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020122\
Data File : VN070883.D
Acq On : 1 Feb 2022 20:18
Operator : JC/MD
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Misc : 5.00mL/MSVOA_N/WATER
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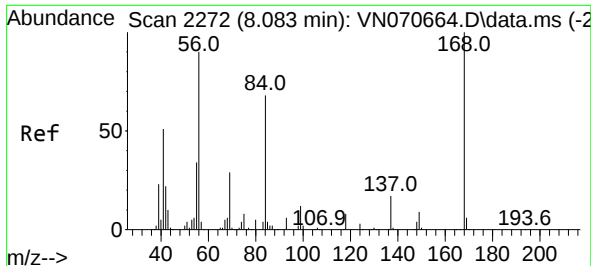
Instrument :
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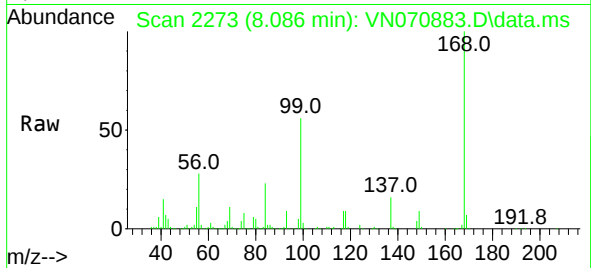
Quant Time: Feb 02 00:39:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 18 13:32:07 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070883.D
Acq: 1 Feb 2022 20:18

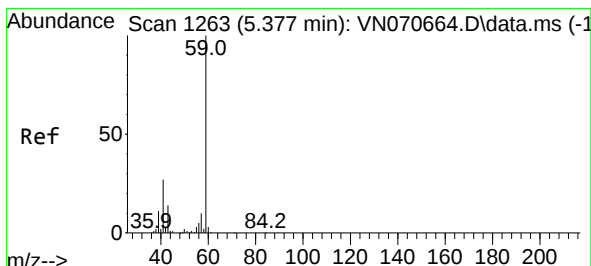
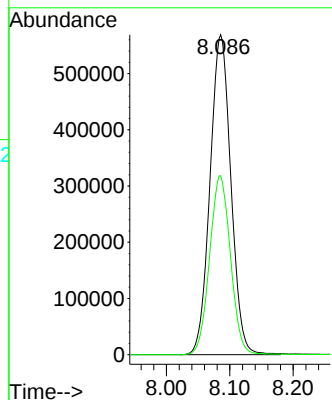
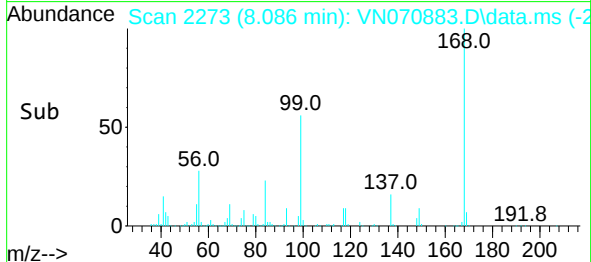
Instrument :
MSVOA_N
ClientSampleId :
31537



Tgt Ion:168 Resp: 130257
Ion Ratio Lower Upper
168 100
99 55.9 41.3 61.9

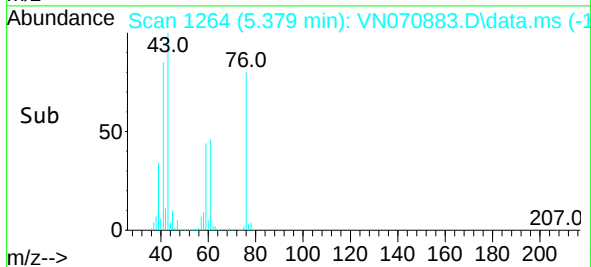
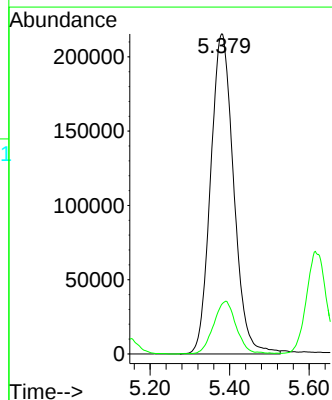
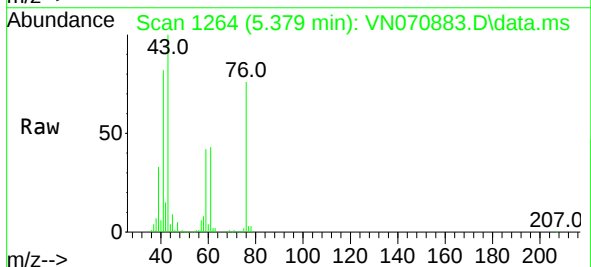
Manual Integrations
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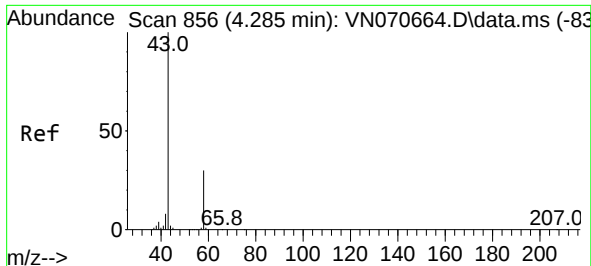
Reviewed By :John Carlone 02/02/2022
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#11
Tert butyl alcohol
Concen: 257.794 ug/l
RT: 5.379 min Scan# 1264
Delta R.T. 0.002 min
Lab File: VN070883.D
Acq: 1 Feb 2022 20:18

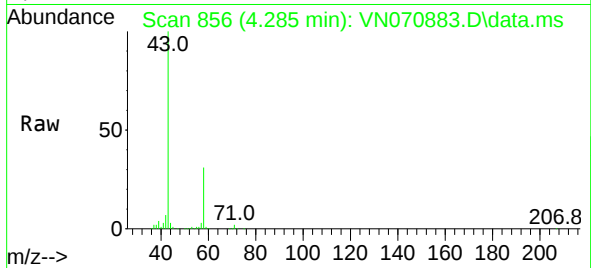
Tgt Ion: 59 Resp: 868235
Ion Ratio Lower Upper
59 100
57 15.8 8.7 13.1#





#16
Acetone
Concen: 108.437 ug/l
RT: 4.285 min Scan# 856
Delta R.T. 0.000 min
Lab File: VN070883.D
Acq: 1 Feb 2022 20:18

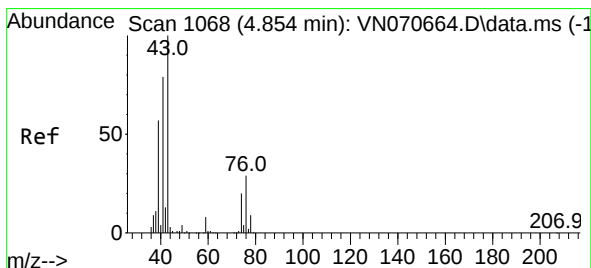
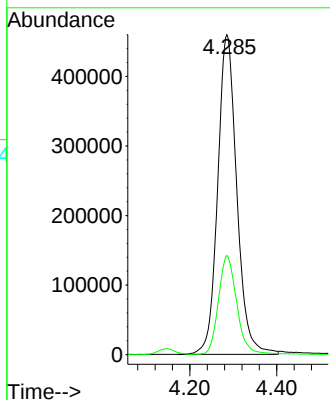
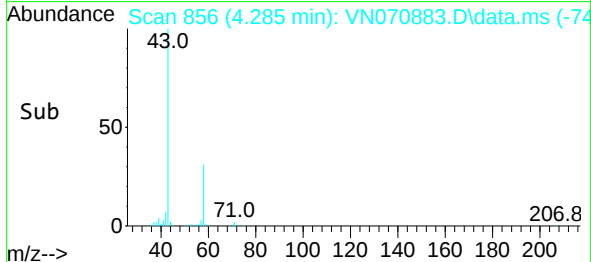
Instrument :
MSVOA_N
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31537



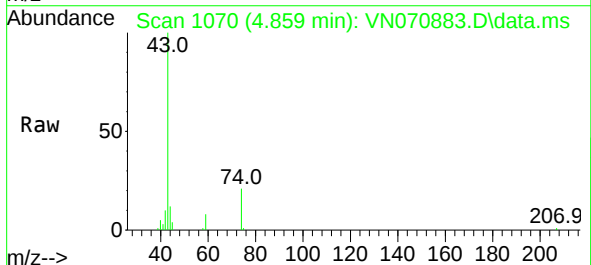
Tgt Ion: 43 Resp: 140500
Ion Ratio Lower Upper
43 100
58 30.7 23.1 34.7

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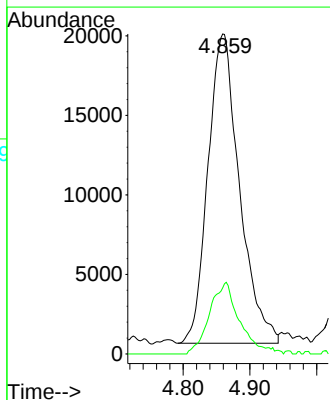
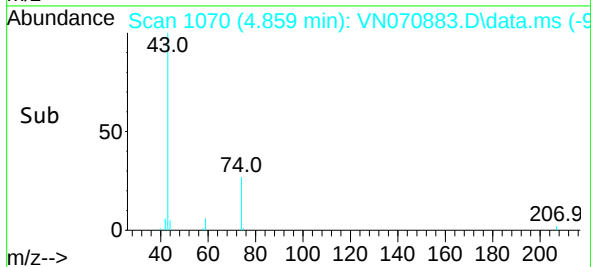
Reviewed By :John Carlone 02/02/2022
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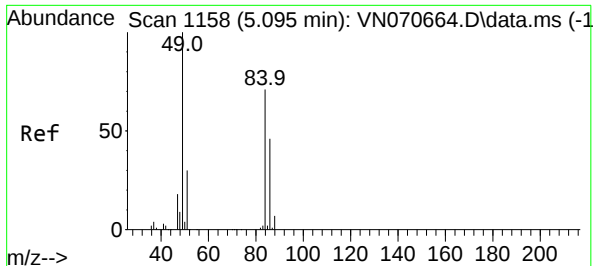


#18
Methyl Acetate
Concen: 2.508 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN070883.D
Acq: 1 Feb 2022 20:18



Tgt Ion: 43 Resp: 63908
Ion Ratio Lower Upper
43 100
74 22.1 19.4 29.2





#20

Methylene Chloride

Concen: 1.653 ug/l m

RT: 5.092 min Scan# 1158

Delta R.T. -0.003 min

Lab File: VN070883.D

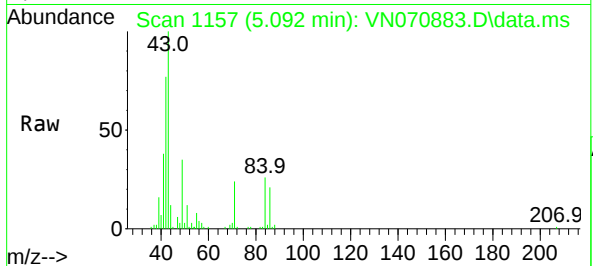
Acq: 1 Feb 2022 20:18

Instrument :

MSVOA_N

ClientSampleId :

31537



Tgt Ion: 84 Resp: 28218

Ion Ratio Lower Upper

84 100

49 134.6 93.5 140.3

51 45.8 29.4 44.2

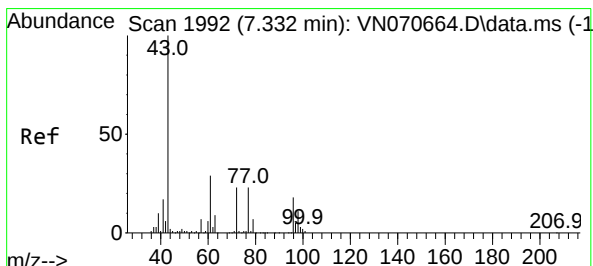
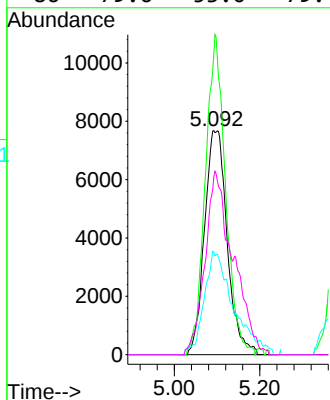
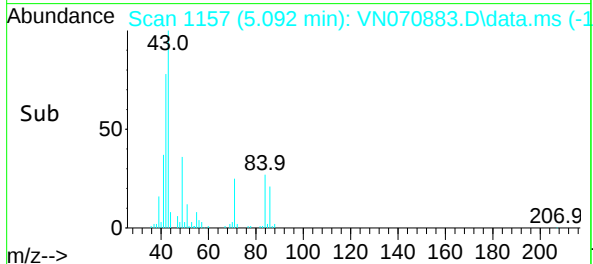
86 79.6 53.0 79.4

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#25

2-Butanone

Concen: 10.159 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.005 min

Lab File: VN070883.D

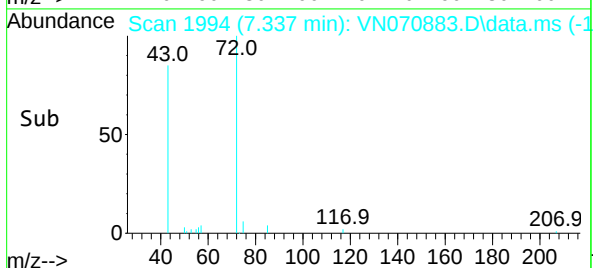
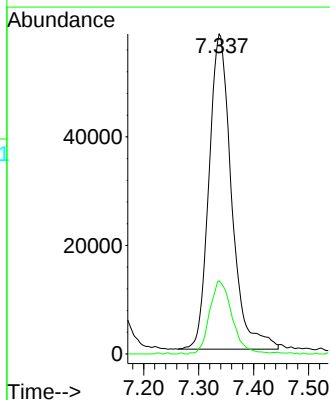
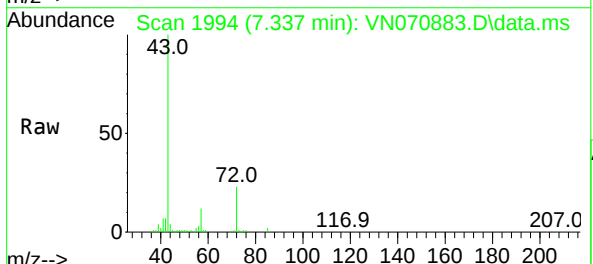
Acq: 1 Feb 2022 20:18

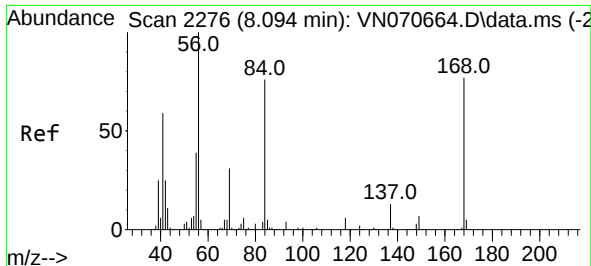
Tgt Ion: 43 Resp: 165637

Ion Ratio Lower Upper

43 100

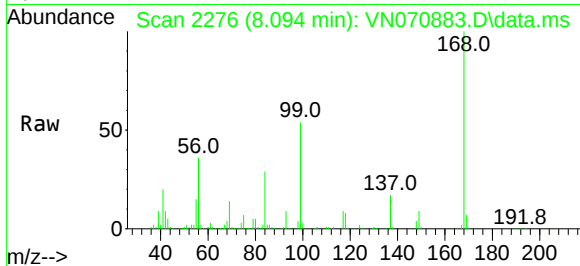
72 23.2 21.7 32.5





#31
Cyclohexane
Concen: 14.207 ug/l m
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070883.D
Acq: 1 Feb 2022 20:18

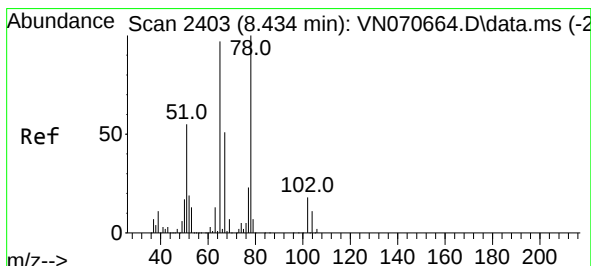
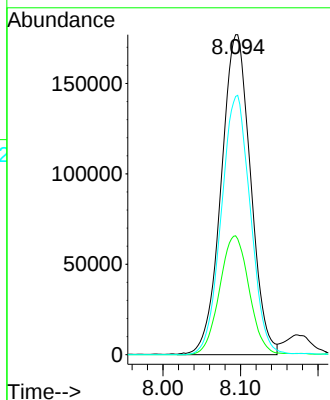
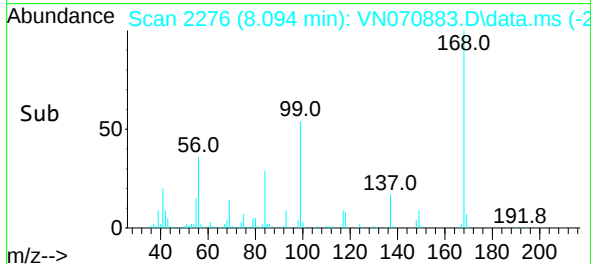
Instrument :
MSVOA_N
ClientSampleId :
31537



Tgt Ion: 56 Resp: 467018
Ion Ratio Lower Upper
56 100
69 37.2 27.1 40.7
84 80.7 73.4 110.0

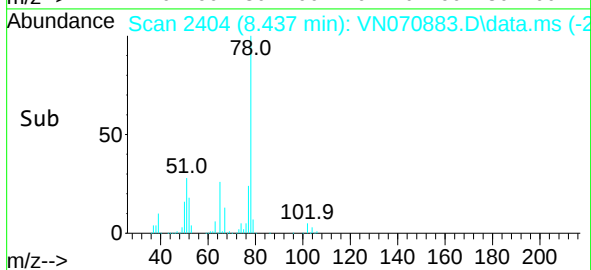
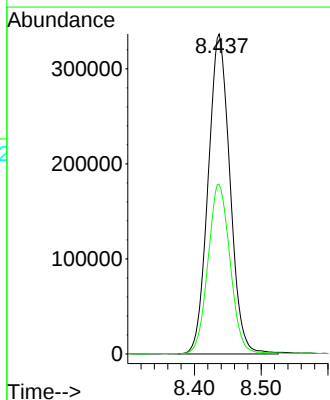
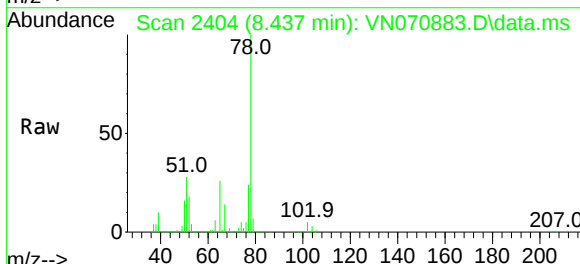
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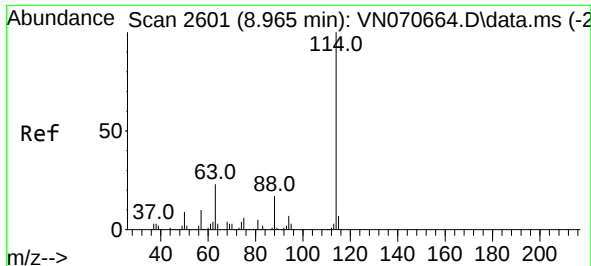
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#33
1,2-Dichloroethane-d4
Concen: 40.935 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070883.D
Acq: 1 Feb 2022 20:18

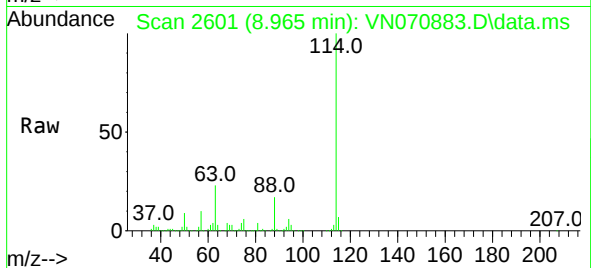
Tgt Ion: 65 Resp: 764181
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN070883.D
Acq: 1 Feb 2022 20:18

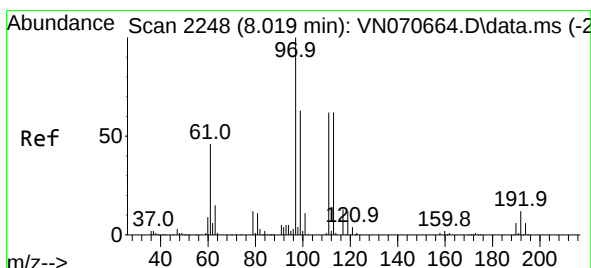
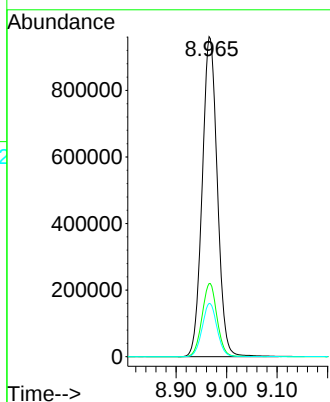
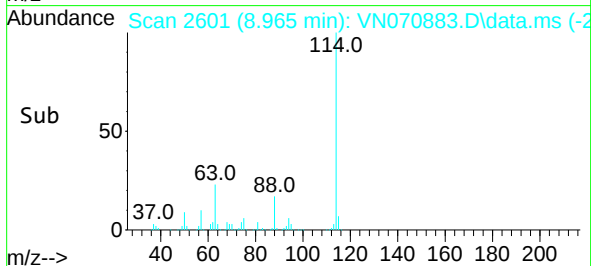
Instrument :
MSVOA_N
ClientSampleId :
31537



Tgt Ion:114 Resp: 199834
Ion Ratio Lower Upper
114 100
63 22.8 0.0 37.8
88 16.6 0.0 27.4

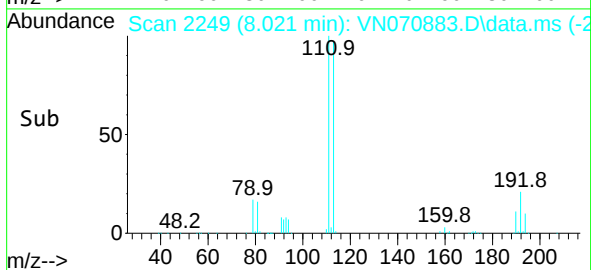
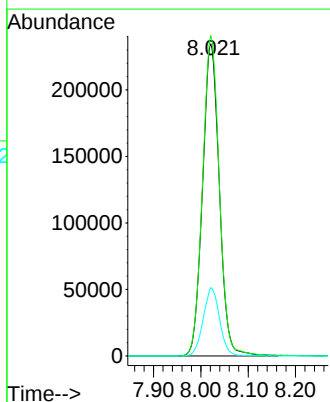
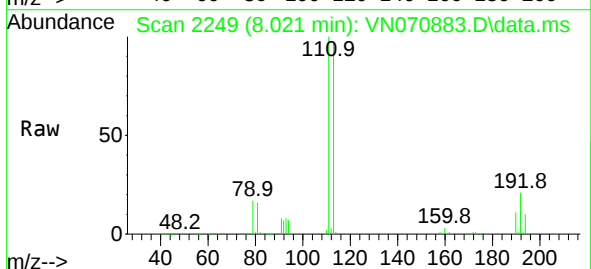
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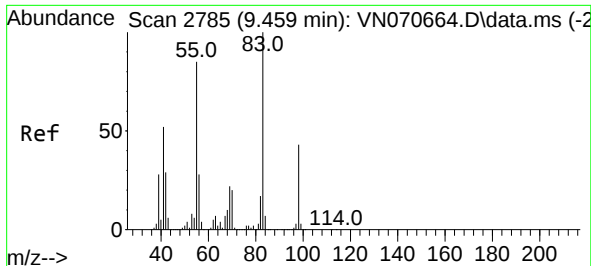
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#35
Dibromofluoromethane
Concen: 46.812 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.002 min
Lab File: VN070883.D
Acq: 1 Feb 2022 20:18

Tgt Ion:113 Resp: 580263
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 21.2 16.9 25.3





#39

Methylcyclohexane

Concen: 11.254 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070883.D

Acq: 1 Feb 2022 20:18

Instrument :

MSVOA_N

ClientSampleId :

31537

Tgt Ion: 83 Resp: 28993

Ion Ratio Lower Upper

83 100

55 83.7 58.1 87.1

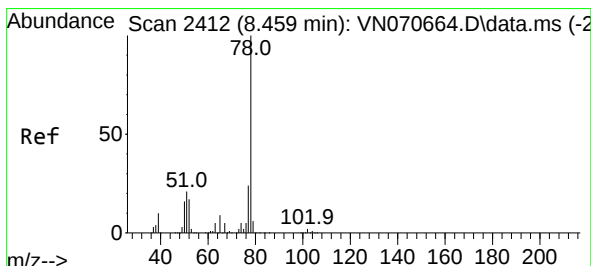
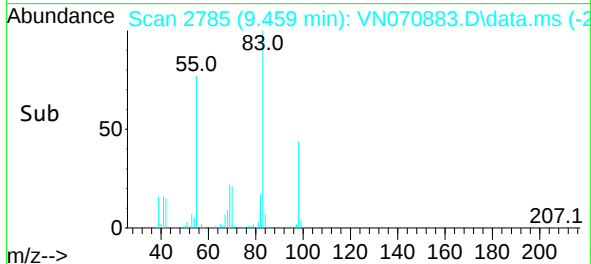
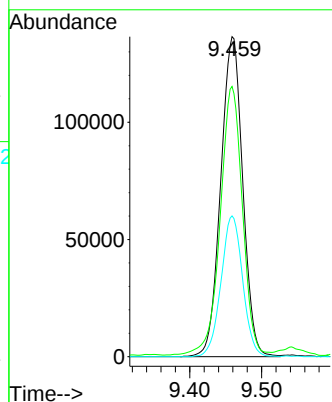
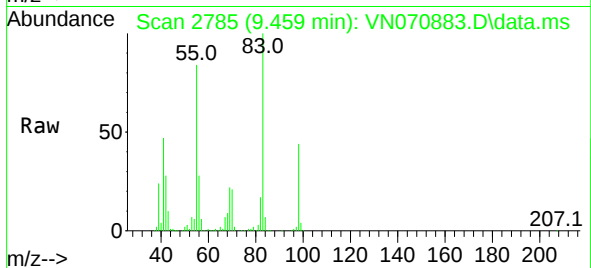
98 44.0 38.4 57.6

Manual Integrations

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#40

Benzene

Concen: 141.755 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. -0.001 min

Lab File: VN070883.D

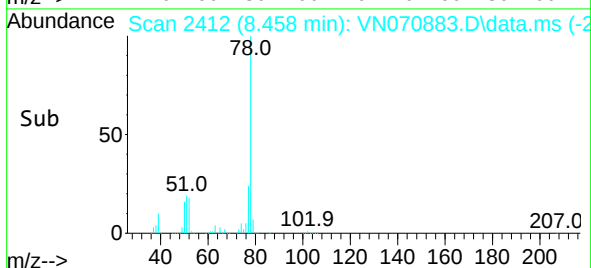
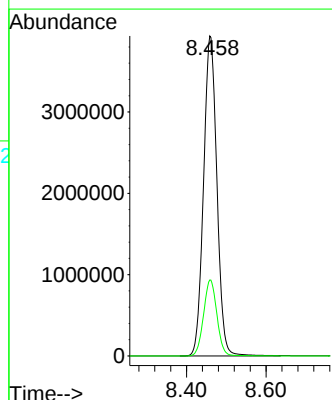
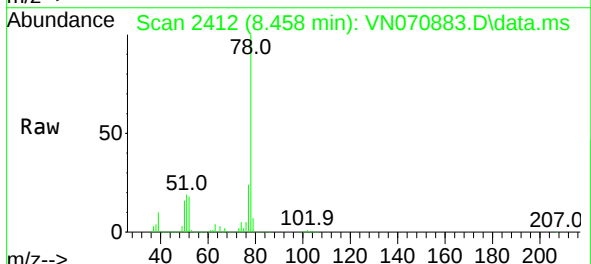
Acq: 1 Feb 2022 20:18

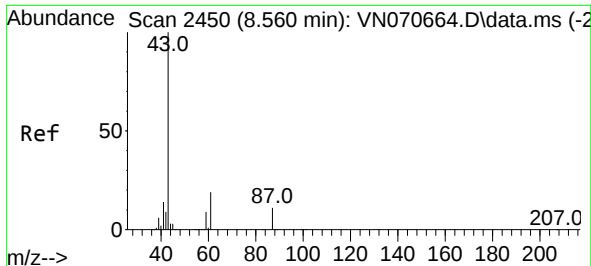
Tgt Ion: 78 Resp: 9165967

Ion Ratio Lower Upper

78 100

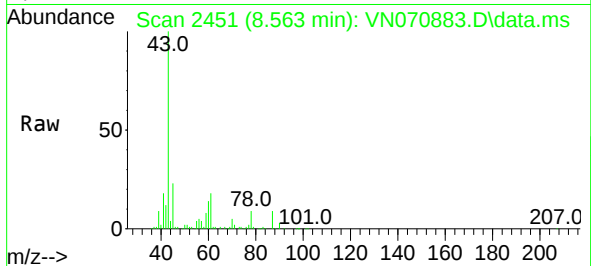
77 23.8 18.6 27.8





#43
Isopropyl Acetate
Concen: 8.092 ug/l
RT: 8.563 min Scan# 2450
Delta R.T. 0.003 min
Lab File: VN070883.D
Acq: 1 Feb 2022 20:18

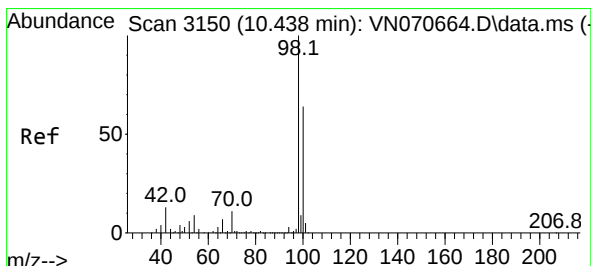
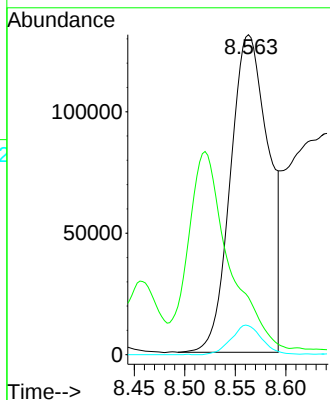
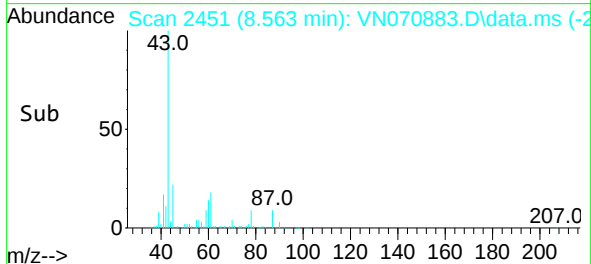
Instrument :
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ClientSampleId :
31537



Tgt Ion: 43 Resp: 342404
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6
87 7.6 11.2 16.8

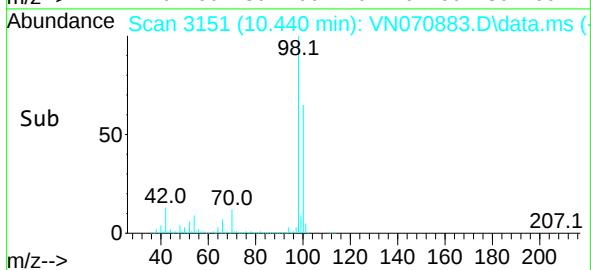
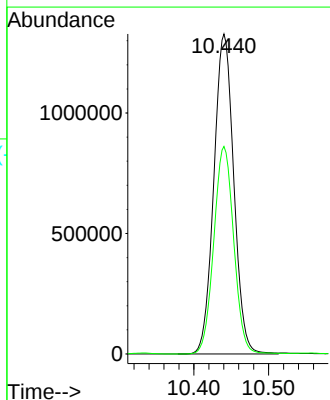
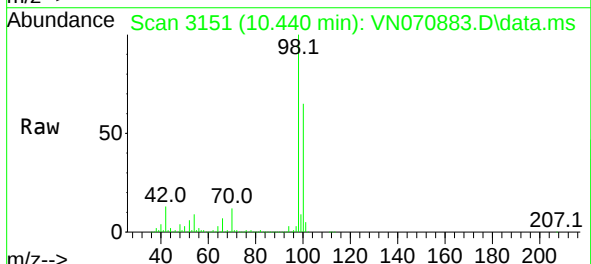
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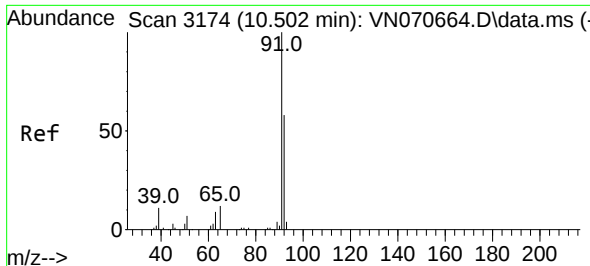
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#50
Toluene-d8
Concen: 47.089 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070883.D
Acq: 1 Feb 2022 20:18

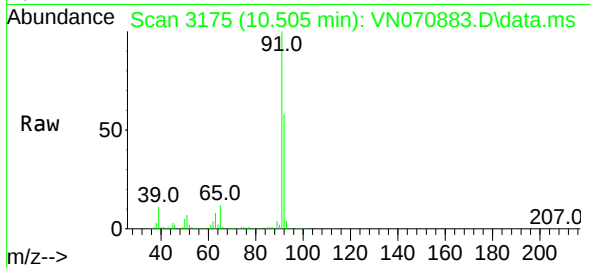
Tgt Ion: 98 Resp: 2458990
Ion Ratio Lower Upper
98 100
100 64.9 50.4 75.6





#52
Toluene
Concen: 70.502 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. 0.003 min
Lab File: VN070883.D
Acq: 1 Feb 2022 20:18

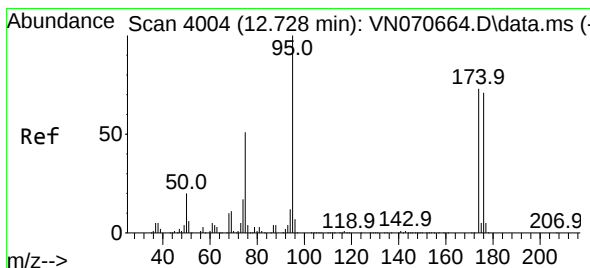
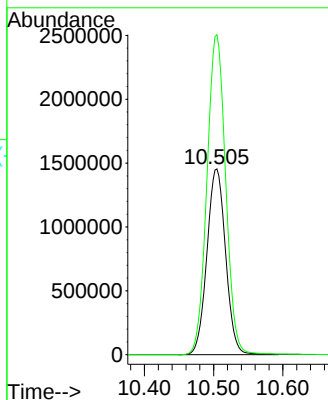
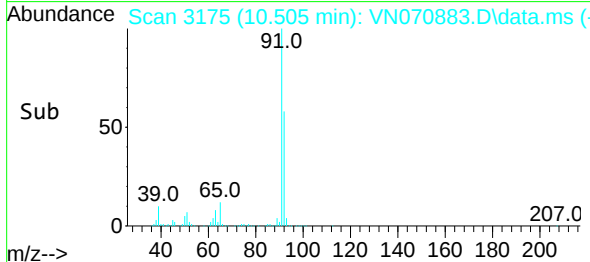
Instrument :
MSVOA_N
ClientSampleId :
31537



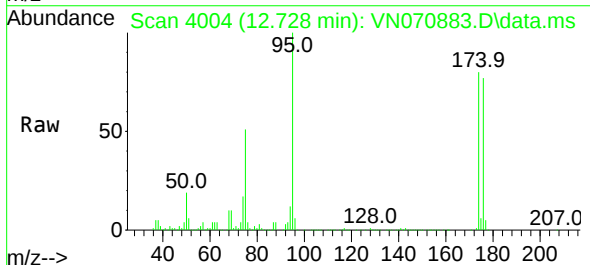
Tgt Ion: 92 Resp: 2726890
Ion Ratio Lower Upper
92 100
91 172.5 142.0 213.0

Manual Integrations
APPROVED

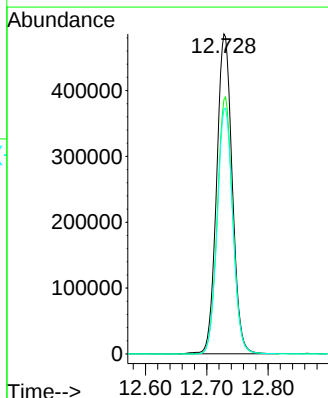
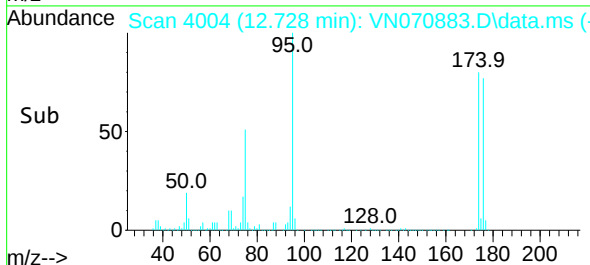
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

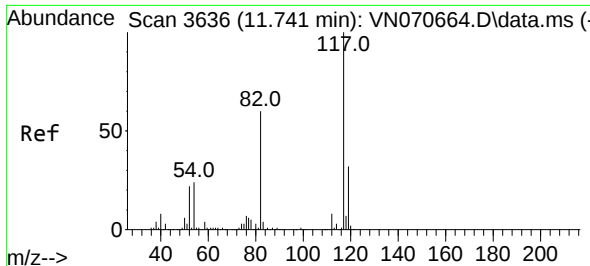


#62
4-Bromofluorobenzene
Concen: 46.135 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070883.D
Acq: 1 Feb 2022 20:18



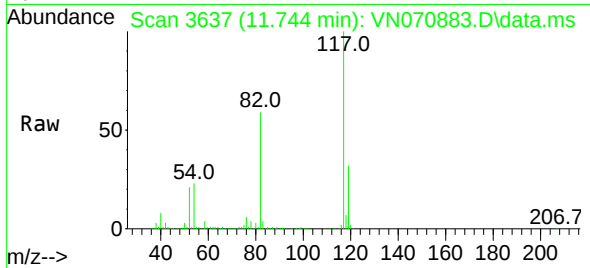
Tgt Ion: 95 Resp: 858500
Ion Ratio Lower Upper
95 100
174 79.2 0.0 187.2
176 76.6 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3636
Delta R.T. 0.003 min
Lab File: VN070883.D
Acq: 1 Feb 2022 20:18

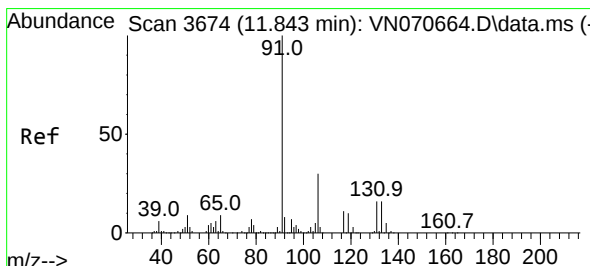
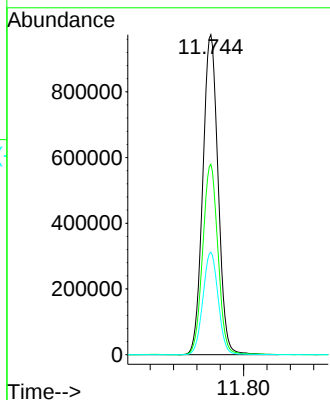
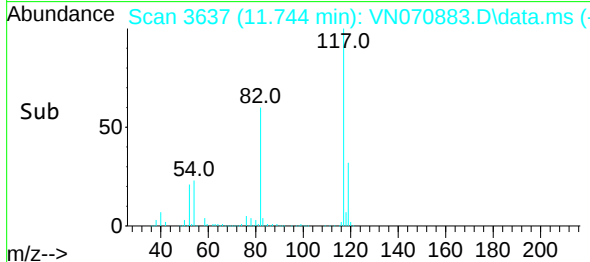
Instrument :
MSVOA_N
ClientSampleId :
31537



Tgt Ion:117 Resp: 1773629
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 32.0 25.4 38.2

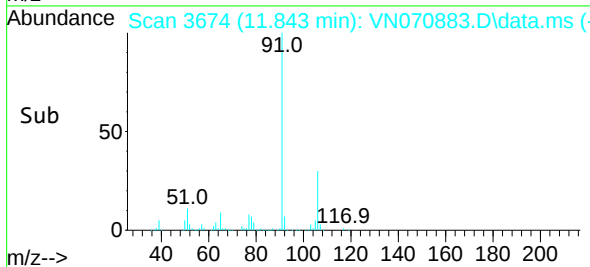
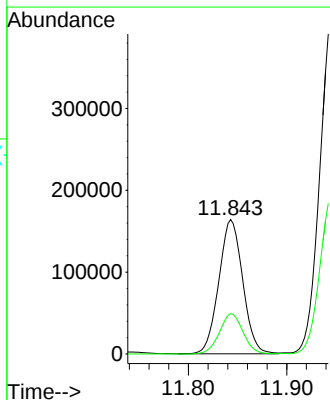
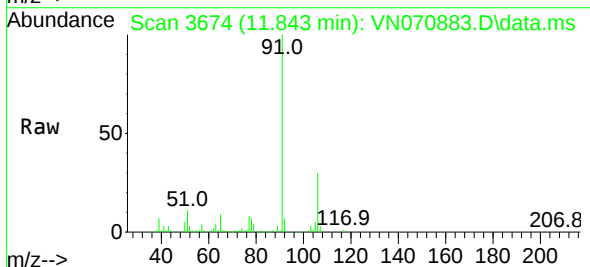
Manual Integrations
APPROVED

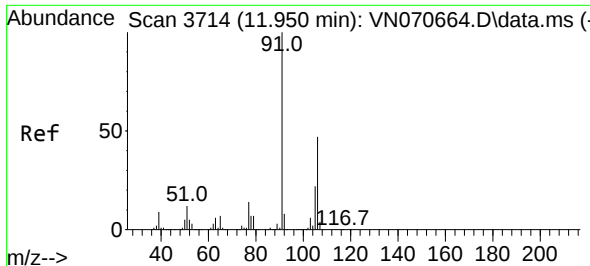
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#67
Ethyl Benzene
Concen: 3.891 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN070883.D
Acq: 1 Feb 2022 20:18

Tgt Ion: 91 Resp: 277222
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5





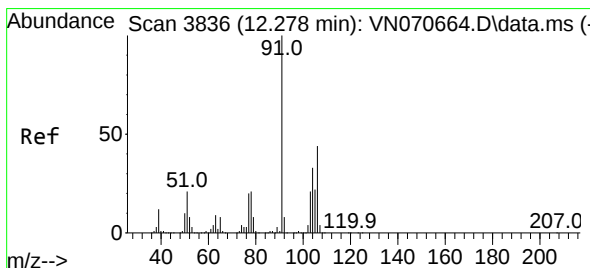
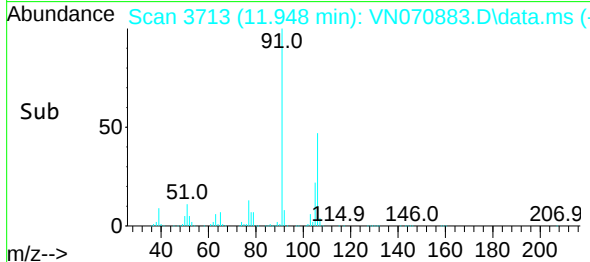
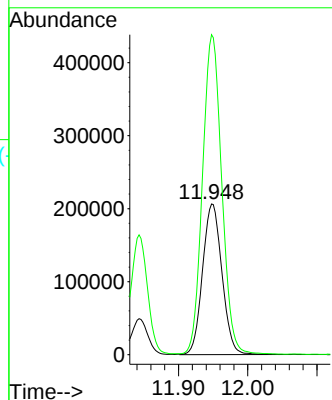
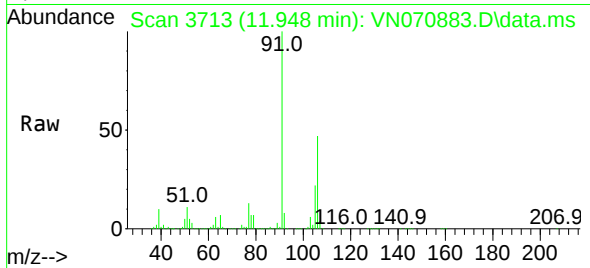
#68
m/p-Xylenes
Concen: 15.484 ug/l
RT: 11.948 min Scan# 3713
Delta R.T. -0.002 min
Lab File: VN070883.D
Acq: 1 Feb 2022 20:18

Instrument :
MSVOA_N
ClientSampleId :
31537

Tgt Ion:106 Resp: 401320
Ion Ratio Lower Upper
106 100
91 210.6 160.6 240.8

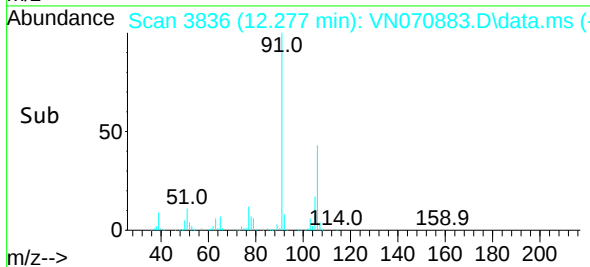
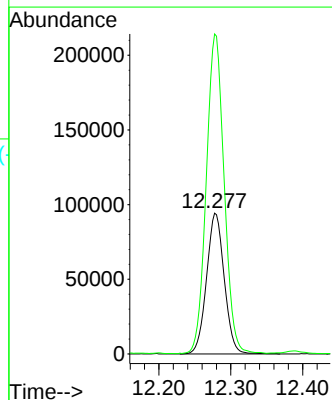
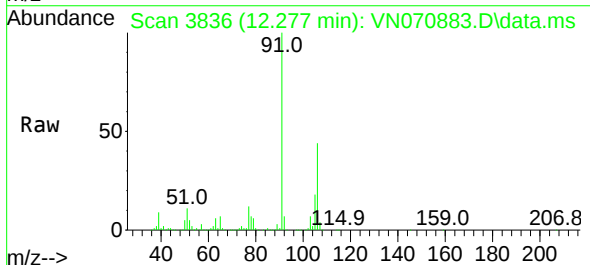
Manual Integrations
APPROVED

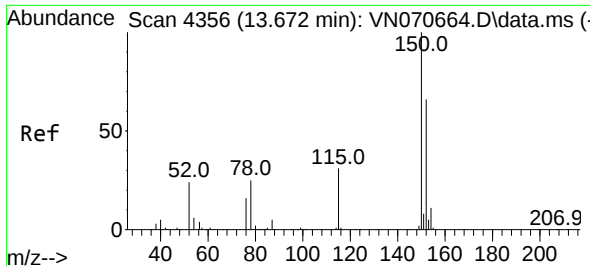
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#69
o-Xylene
Concen: 6.283 ug/l
RT: 12.277 min Scan# 3836
Delta R.T. -0.001 min
Lab File: VN070883.D
Acq: 1 Feb 2022 20:18

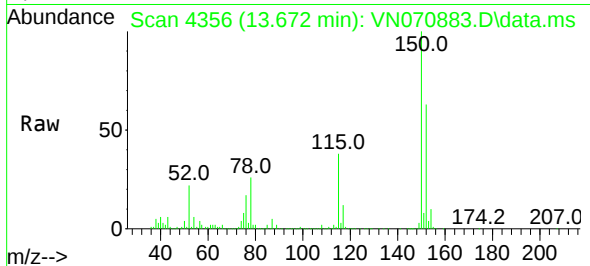
Tgt Ion:106 Resp: 161605
Ion Ratio Lower Upper
106 100
91 229.1 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070883.D
Acq: 1 Feb 2022 20:18

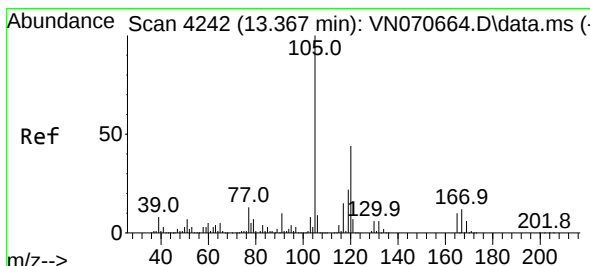
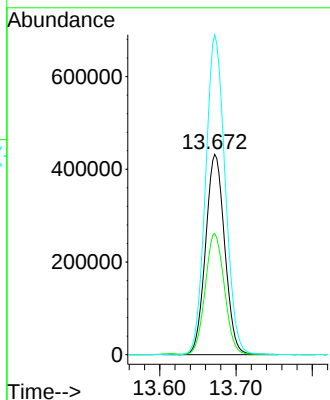
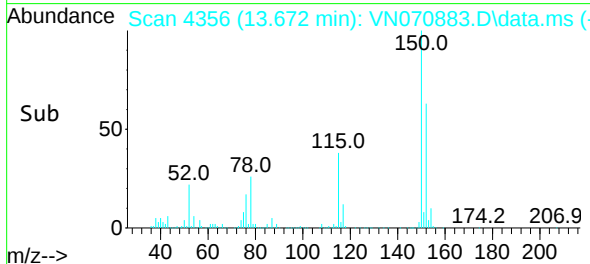
Instrument :
MSVOA_N
ClientSampleId :
31537



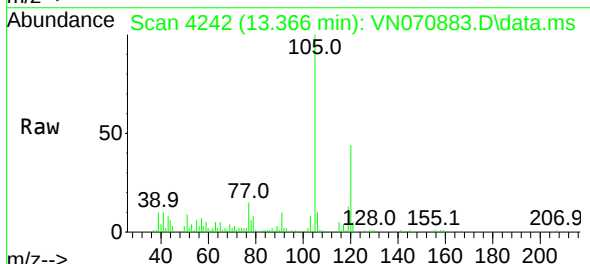
Tgt Ion:152 Resp: 753664
Ion Ratio Lower Upper
152 100
115 60.2 27.5 82.5
150 163.6 0.0 344.4

Manual Integrations
APPROVED

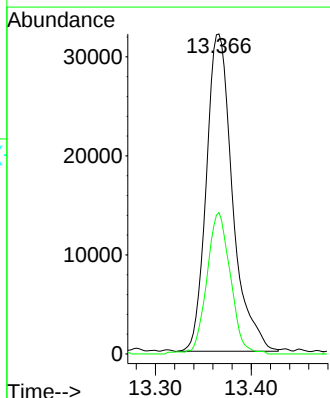
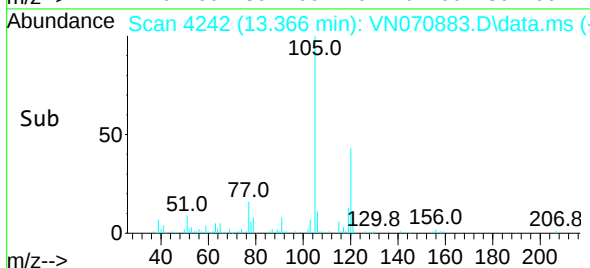
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

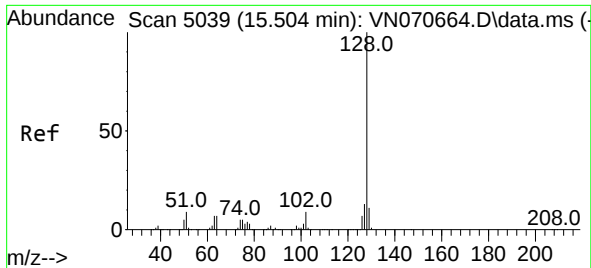


#84
1,2,4-Trimethylbenzene
Concen: 1.100 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070883.D
Acq: 1 Feb 2022 20:18



Tgt Ion:105 Resp: 60972
Ion Ratio Lower Upper
105 100
120 39.8 22.8 68.4





#95

Naphthalene

Concen: 5.394 ug/l

RT: 15.504 min Scan# 5039

Delta R.T. -0.000 min

Lab File: VN070883.D

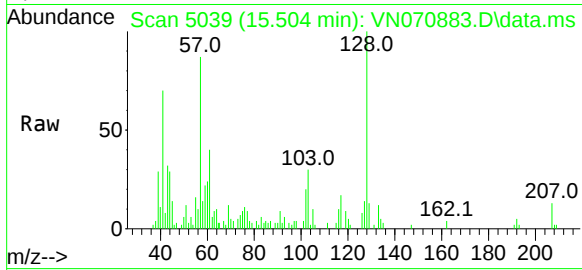
Acq: 1 Feb 2022 20:18

Instrument :

MSVOA_N

ClientSampleId :

31537



Tgt Ion:128 Resp: 1932

Ion Ratio Lower Upper

128 100

127 16.6 10.5 15.7

129 8.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/02/2022

Supervised By :Mahesh Dadoda 02/07/2022

