

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012022\
 Data File : VN070717.D
 Acq On : 20 Jan 2022 13:56
 Operator : JC/MD
 Sample : N1178-01DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1128DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/21/2022
 Supervised By : Mahesh Dadoda 01/21/2022

Quant Time: Jan 21 02:13:17 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	8.088	168	1053674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1677434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1490545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	553077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	690164	45.704	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.400%		
35) Dibromofluoromethane	8.024	113	476938	45.837	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.680%		
50) Toluene-d8	10.440	98	2087559	47.624	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.240%		
62) 4-Bromofluorobenzene	12.731	95	690414	44.200	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.400%		
Target Compounds					Qvalue	
16) Acetone	4.261	43	39552414m	3773.702	ug/l	
18) Methyl Acetate	4.862	43	149403	7.248	ug/l #	87
25) 2-Butanone	7.337	43	566285	42.937	ug/l	92
31) Cyclohexane	8.094	56	133778	5.031	ug/l #	87
39) Methylcyclohexane	9.462	83	62023	2.868	ug/l	89
40) Benzene	8.461	78	3535552	65.139	ug/l	99
52) Toluene	10.505	92	12844503	395.617	ug/l #	1
67) Ethyl Benzene	11.843	91	450674	7.527	ug/l	95
68) m/p-Xylenes	11.950	106	366566	16.829	ug/l	91
69) o-Xylene	12.278	106	122437	5.664	ug/l	89
84) 1,2,4-Trimethylbenzene	13.367	105	36899	0.907	ug/l	95
95) Naphthalene	15.504	128	40349	6.216	ug/l #	92

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

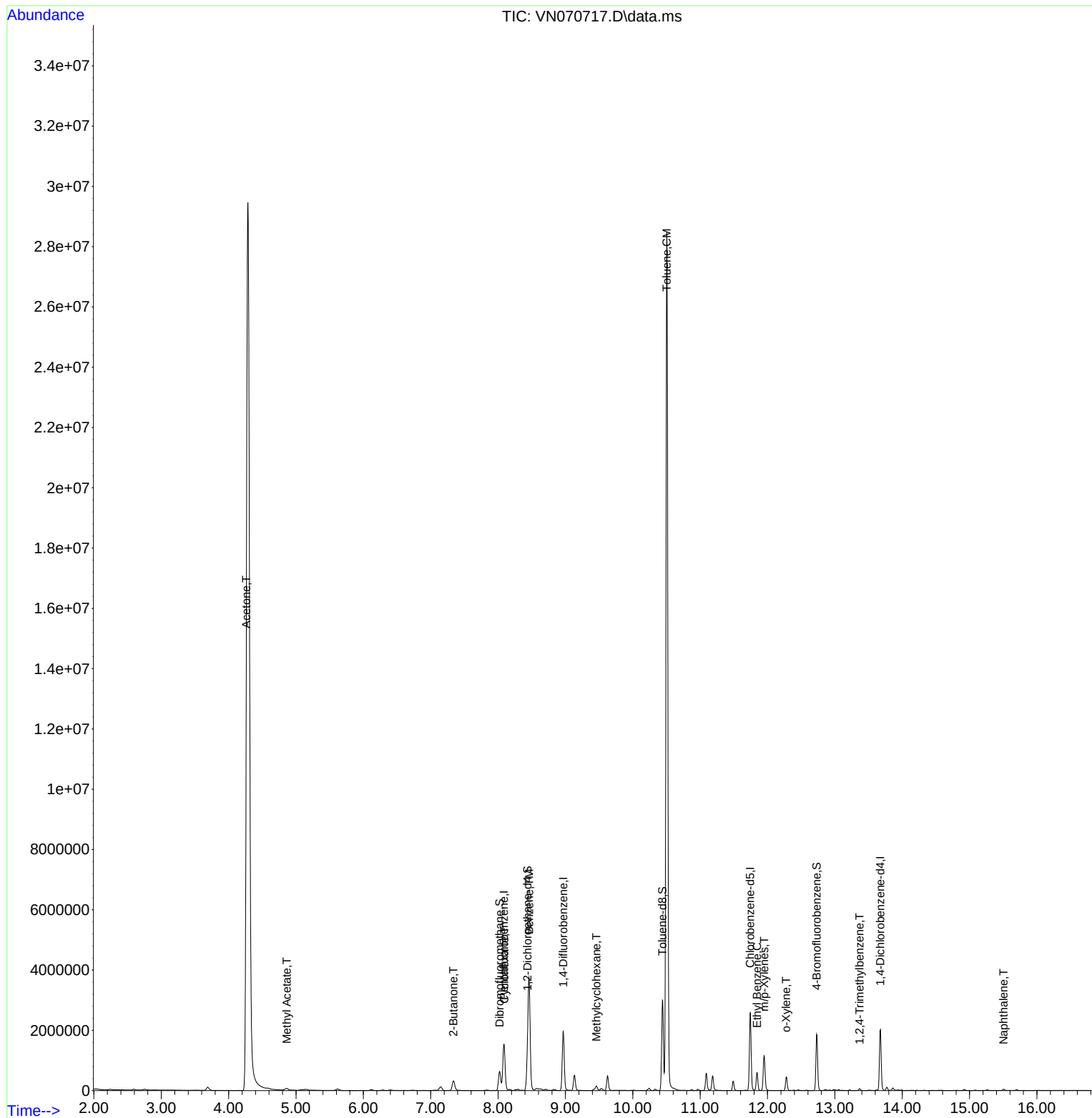
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012022\
Data File : VN070717.D
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Operator : JC/MD
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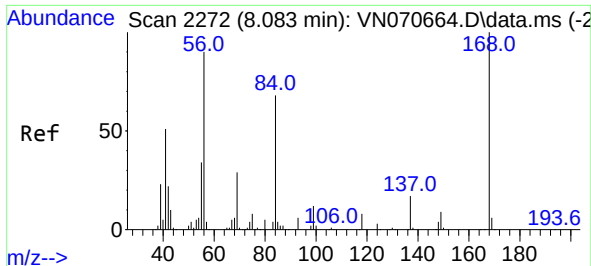
Instrument :
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AUD-1128DL

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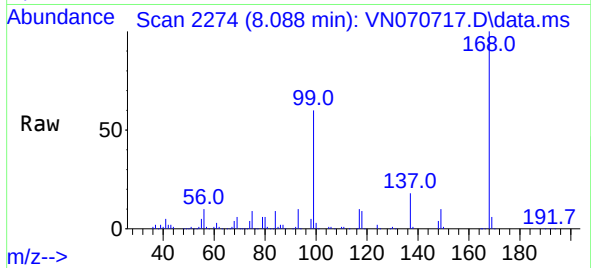
Quant Time: Jan 21 02:13:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 18 13:32:07 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN070717.D
Acq: 20 Jan 2022 13:56

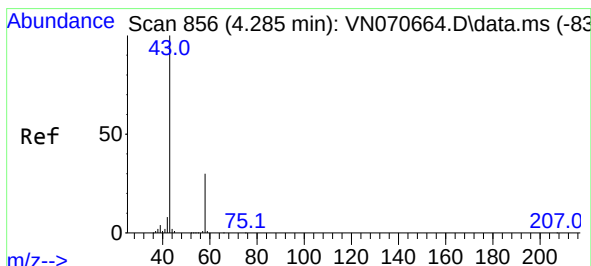
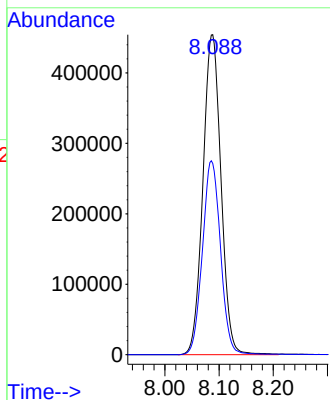
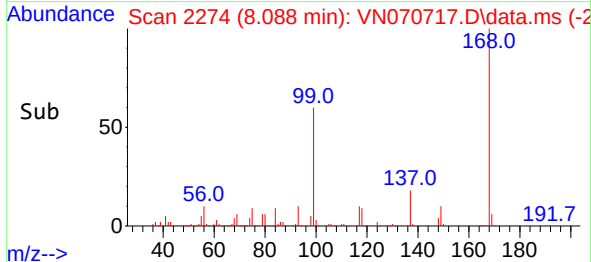
Instrument :
MSVOA_N
ClientSampleId :
AUD-1128DL



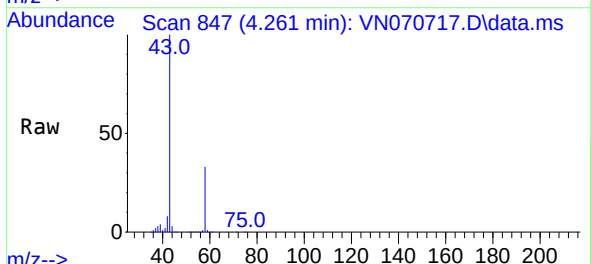
Tgt Ion:168 Resp: 1053674
Ion Ratio Lower Upper
168 100
99 59.7 41.3 61.9

Manual Integrations
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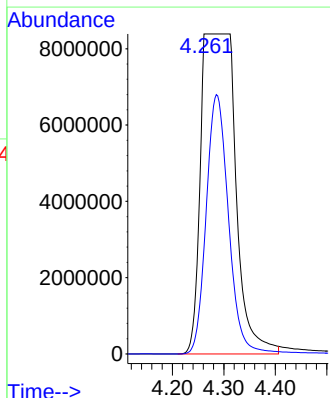
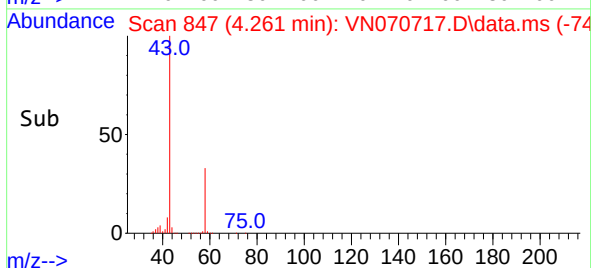
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

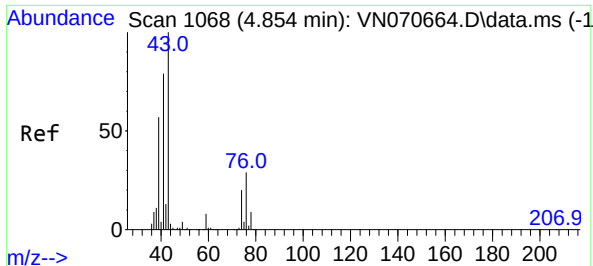


#16
Acetone
Concen: 3773.702 ug/l m
RT: 4.261 min Scan# 847
Delta R.T. -0.024 min
Lab File: VN070717.D
Acq: 20 Jan 2022 13:56



Tgt Ion: 43 Resp:39552414
Ion Ratio Lower Upper
43 100
58 32.9 23.1 34.7





#18

Methyl Acetate

Concen: 7.248 ug/l

RT: 4.862 min Scan# 1068

Delta R.T. 0.008 min

Lab File: VN070717.D

Acq: 20 Jan 2022 13:56

Instrument :

MSVOA_N

ClientSampleId :

AUD-1128DL

Tgt Ion: 43 Resp: 14940

Ion Ratio Lower Upper

43 100

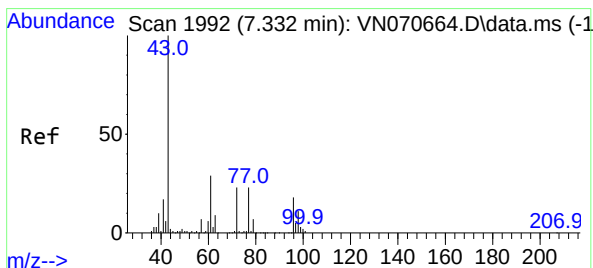
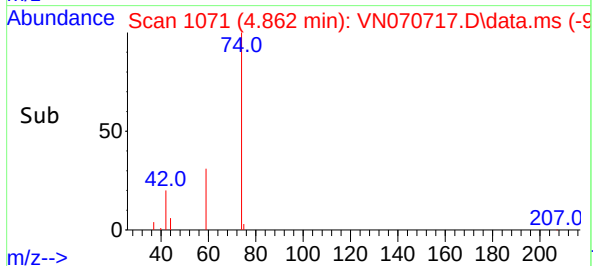
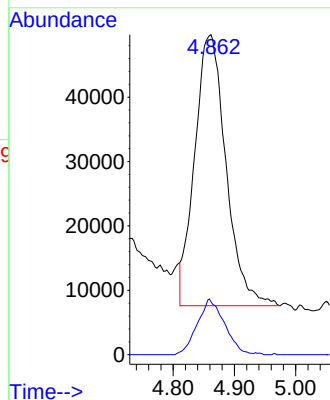
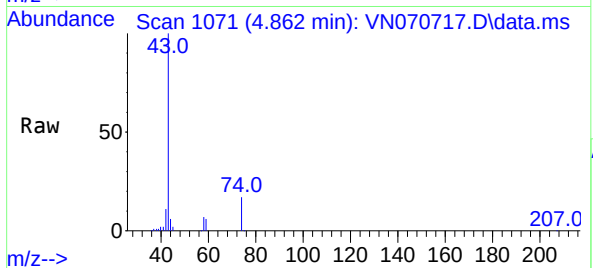
74 17.9 19.4 29.2

Manual Integrations

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#25

2-Butanone

Concen: 42.937 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.005 min

Lab File: VN070717.D

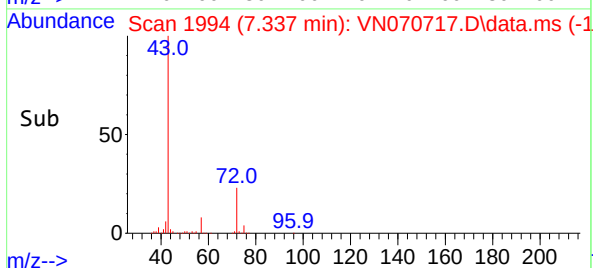
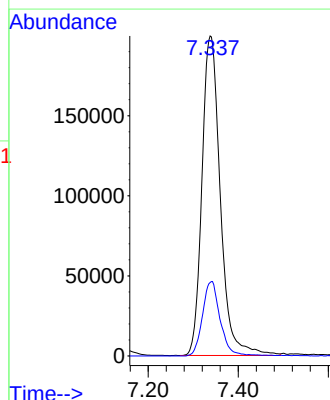
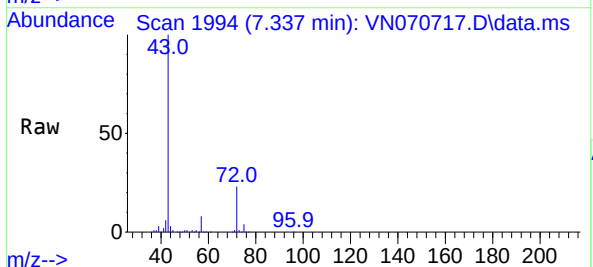
Acq: 20 Jan 2022 13:56

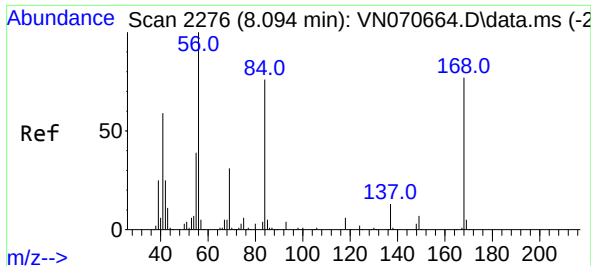
Tgt Ion: 43 Resp: 566285

Ion Ratio Lower Upper

43 100

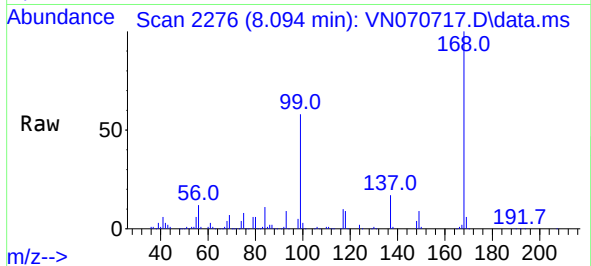
72 23.0 21.7 32.5





#31
Cyclohexane
Concen: 5.031 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070717.D
Acq: 20 Jan 2022 13:56

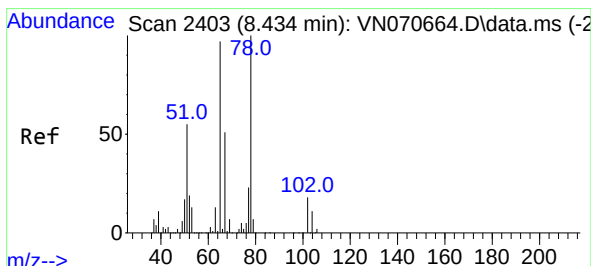
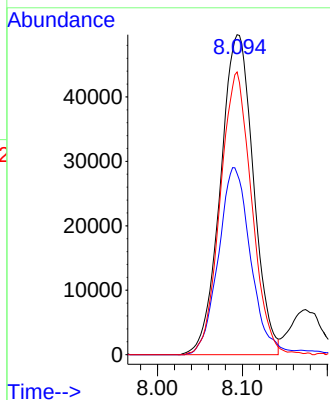
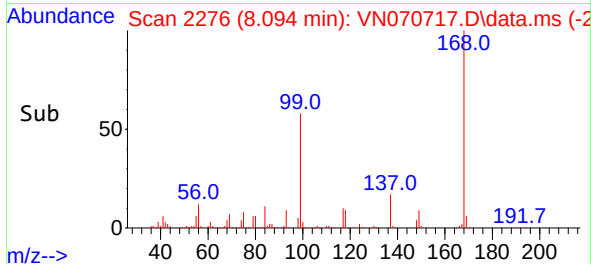
Instrument :
MSVOA_N
ClientSampleId :
AUD-1128DL



Tgt Ion: 56 Resp: 133778
Ion Ratio Lower Upper
56 100
69 56.6 27.1 40.7
84 88.4 73.4 110.0

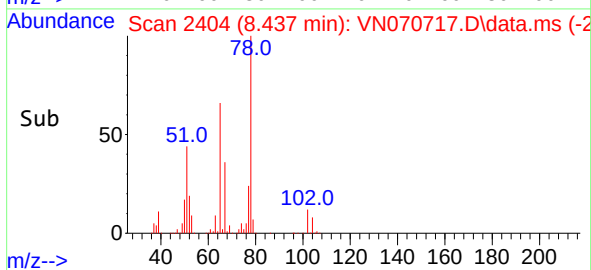
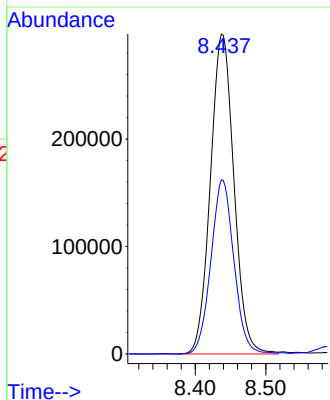
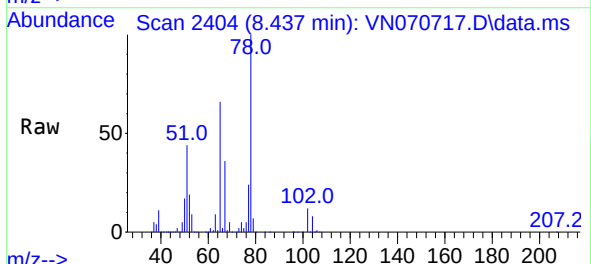
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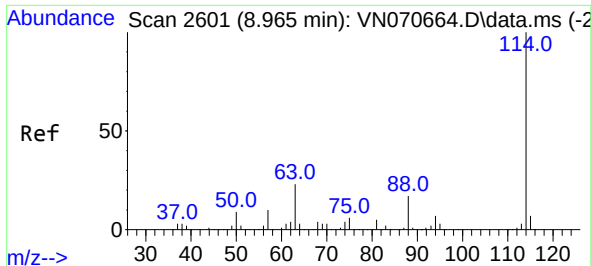
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#33
1,2-Dichloroethane-d4
Concen: 45.704 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070717.D
Acq: 20 Jan 2022 13:56

Tgt Ion: 65 Resp: 690164
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. 0.003 min

Lab File: VN070717.D

Acq: 20 Jan 2022 13:56

Instrument :

MSVOA_N

ClientSampleId :

AUD-1128DL

Tgt Ion:114 Resp: 1677434

Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

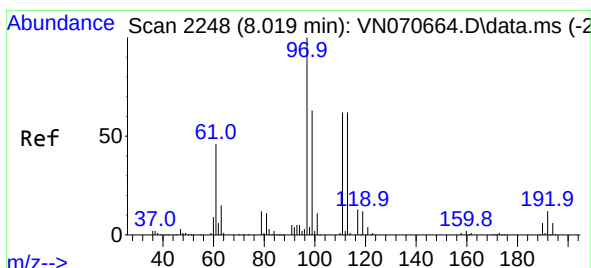
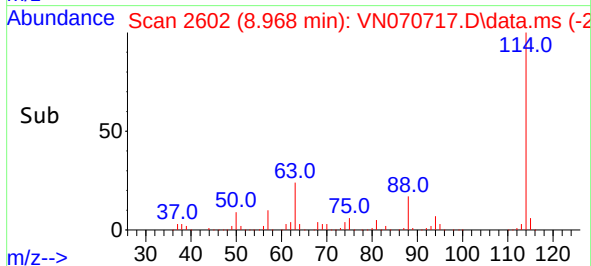
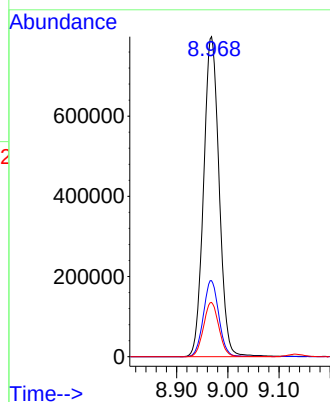
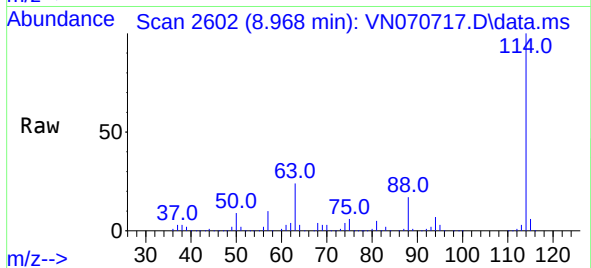
88 16.9 0.0 27.4

Manual Integrations

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Reviewed By :John Carlone 01/21/2022

Supervised By :Mahesh Dadoda 01/21/2022



#35

Dibromofluoromethane

Concen: 45.837 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.005 min

Lab File: VN070717.D

Acq: 20 Jan 2022 13:56

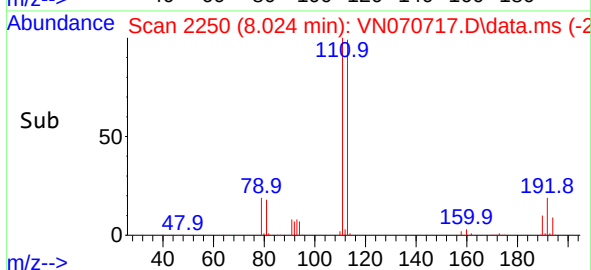
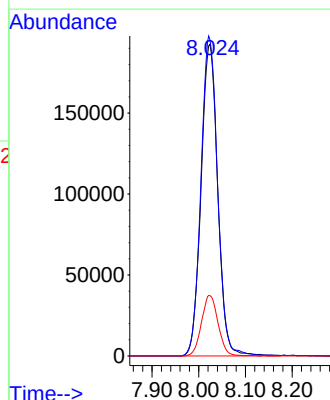
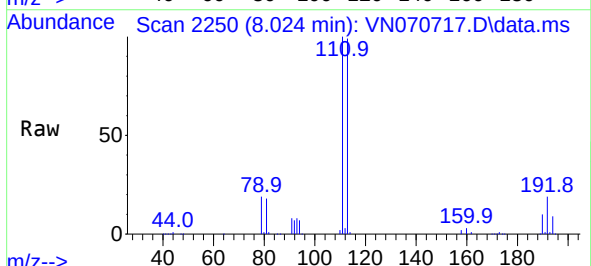
Tgt Ion:113 Resp: 476938

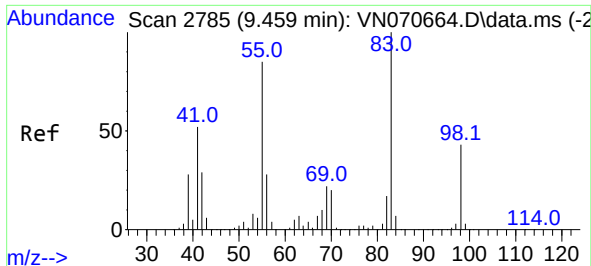
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

192 19.3 16.9 25.3





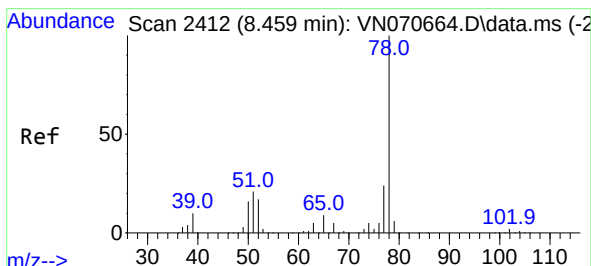
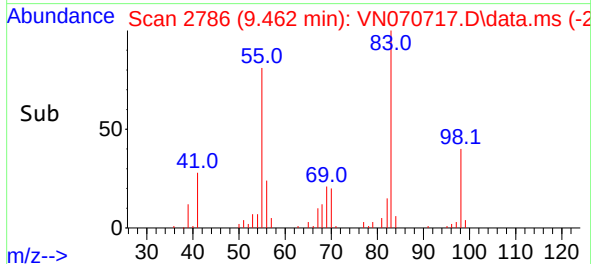
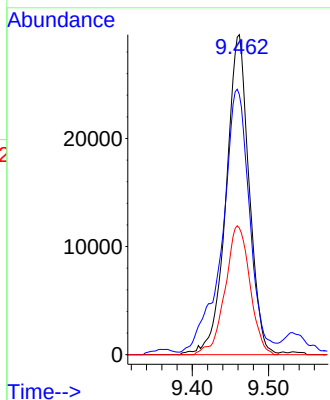
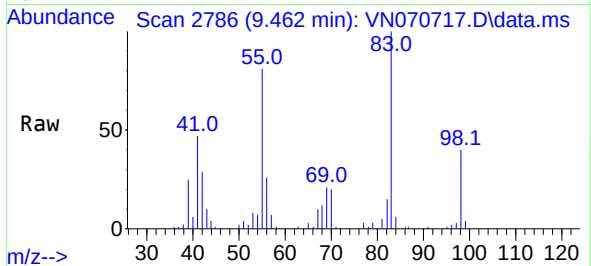
#39
Methylcyclohexane
Concen: 2.868 ug/l
RT: 9.462 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070717.D
Acq: 20 Jan 2022 13:56

Instrument :
MSVOA_N
ClientSampleId :
AUD-1128DL

Tgt Ion: 83 Resp: 6202
Ion Ratio Lower Upper
83 100
55 80.5 58.1 87.1
98 39.6 38.4 57.6

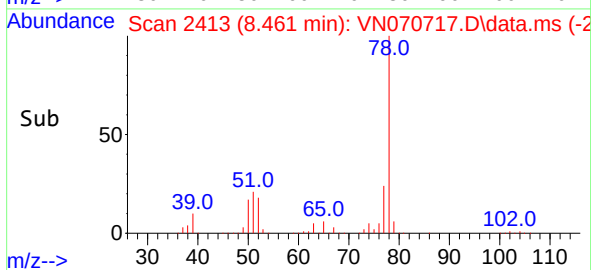
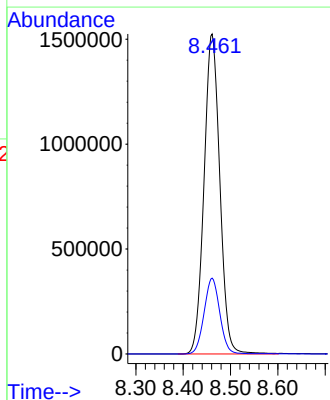
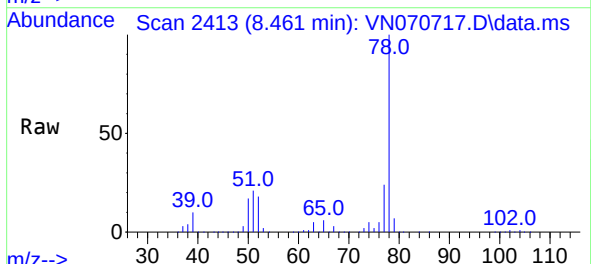
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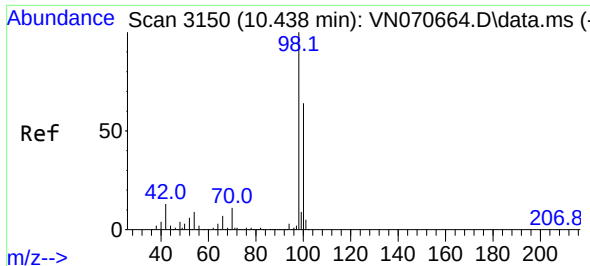
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#40
Benzene
Concen: 65.139 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN070717.D
Acq: 20 Jan 2022 13:56

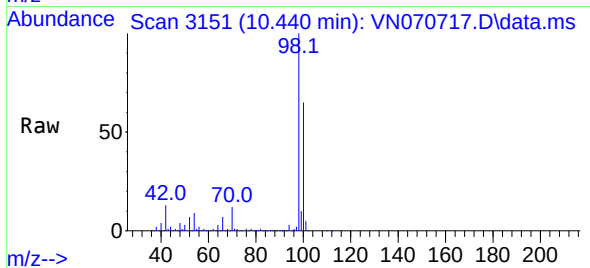
Tgt Ion: 78 Resp: 3535552
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





#50
Toluene-d8
Concen: 47.624 ug/l
RT: 10.440 min Scan# 3150
Delta R.T. 0.002 min
Lab File: VN070717.D
Acq: 20 Jan 2022 13:56

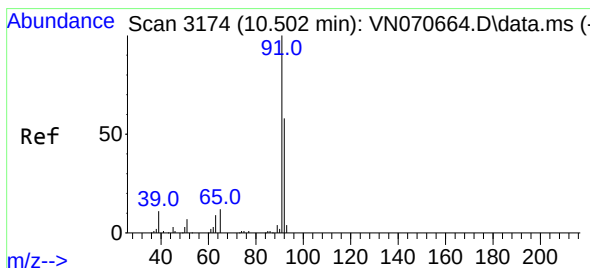
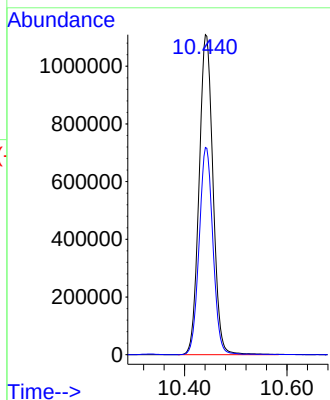
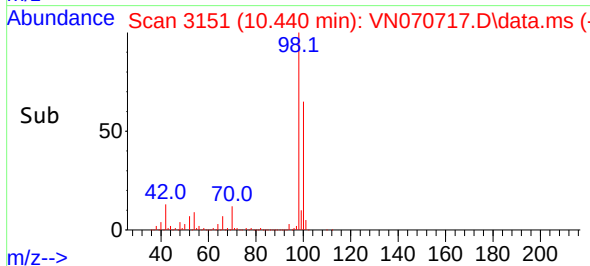
Instrument :
MSVOA_N
ClientSampleId :
AUD-1128DL



Tgt Ion: 98 Resp: 2087559
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6

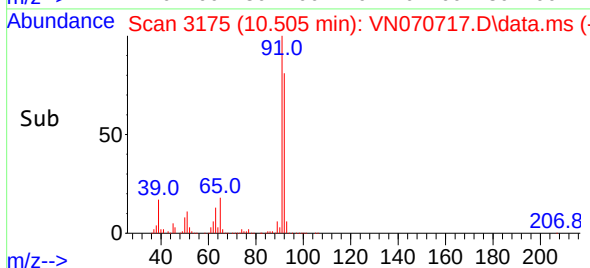
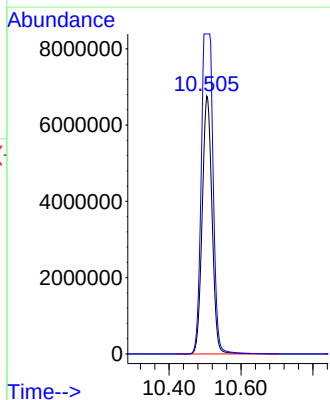
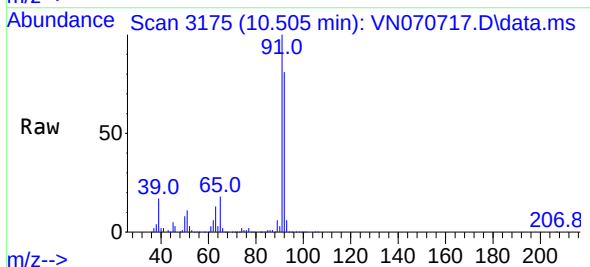
Manual Integrations
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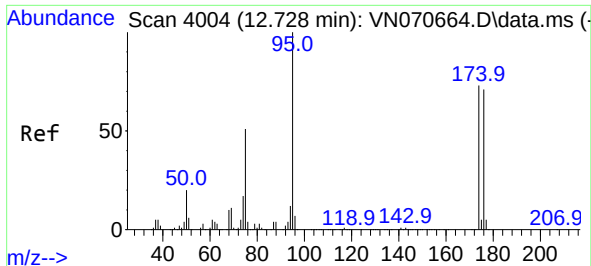
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#52
Toluene
Concen: 395.617 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. 0.003 min
Lab File: VN070717.D
Acq: 20 Jan 2022 13:56

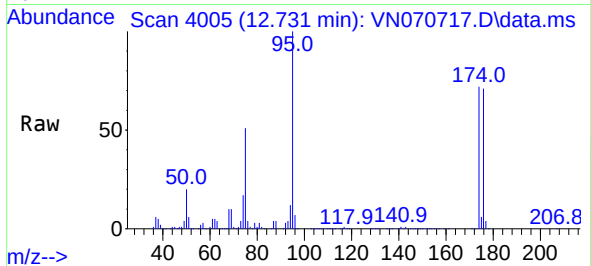
Tgt Ion: 92 Resp:12844503
Ion Ratio Lower Upper
92 100
91 0.0 142.0 213.0#





#62
4-Bromofluorobenzene
Concen: 44.200 ug/l
RT: 12.731 min Scan# 4004
Delta R.T. 0.003 min
Lab File: VN070717.D
Acq: 20 Jan 2022 13:56

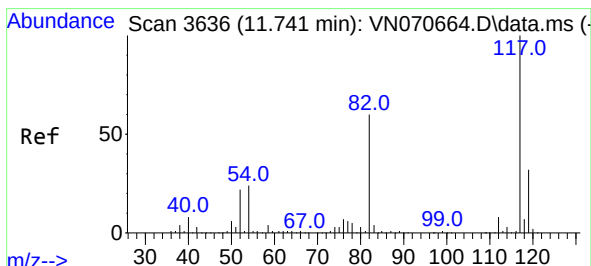
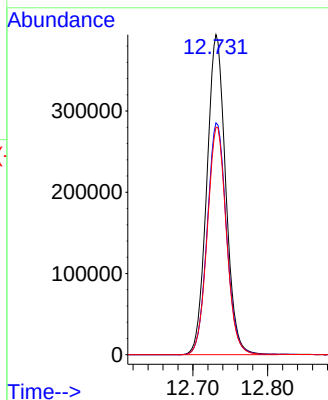
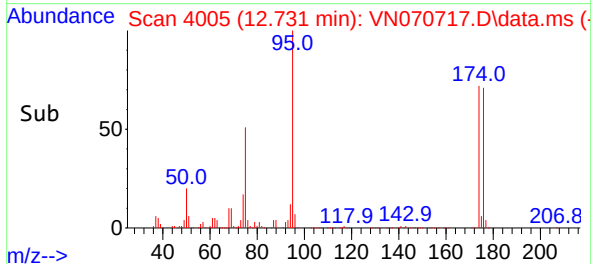
Instrument :
MSVOA_N
ClientSampleId :
AUD-1128DL



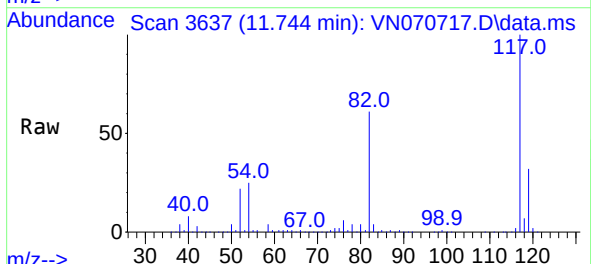
Tgt Ion: 95 Resp: 690414
Ion Ratio Lower Upper
95 100
174 73.8 0.0 187.2
176 71.7 0.0 181.4

Manual Integrations
APPROVED

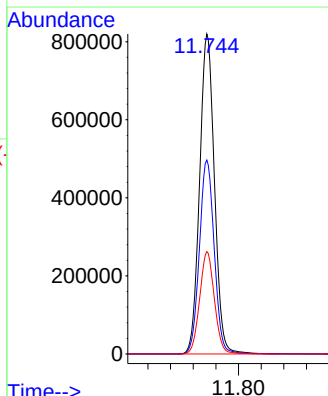
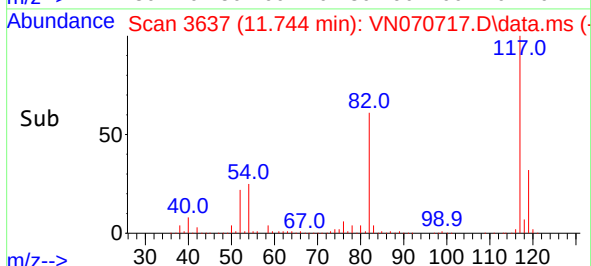
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

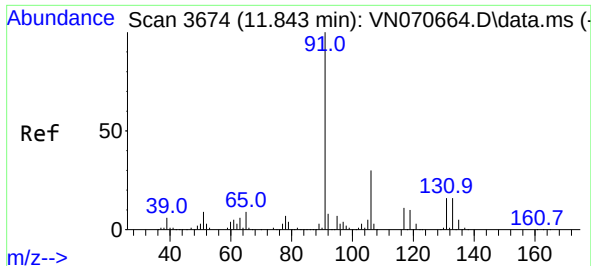


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070717.D
Acq: 20 Jan 2022 13:56



Tgt Ion:117 Resp: 1490545
Ion Ratio Lower Upper
117 100
82 60.6 42.4 63.6
119 32.0 25.4 38.2





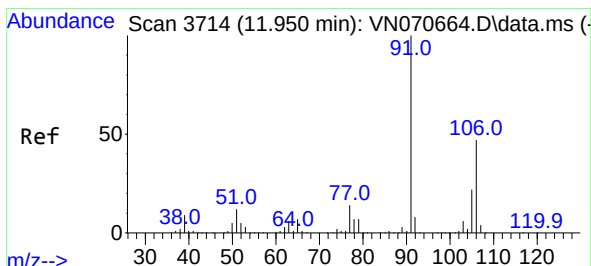
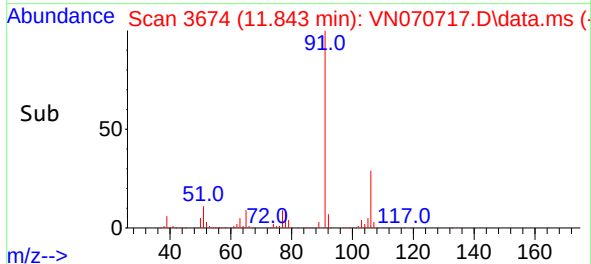
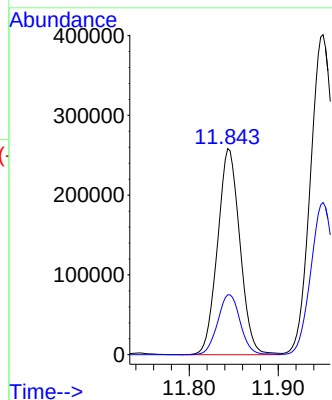
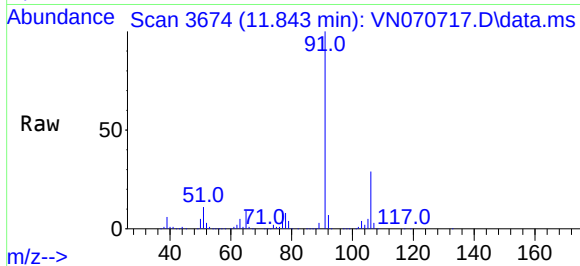
#67
Ethyl Benzene
Concen: 7.527 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070717.D
Acq: 20 Jan 2022 13:56

Instrument :
MSVOA_N
ClientSampleId :
AUD-1128DL

Tgt Ion: 91 Resp: 450674
Ion Ratio Lower Upper
91 100
106 29.0 25.7 38.5

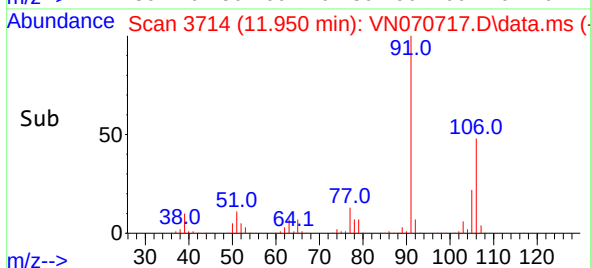
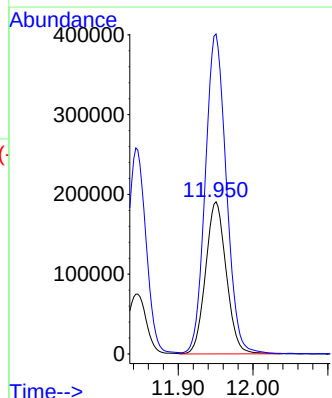
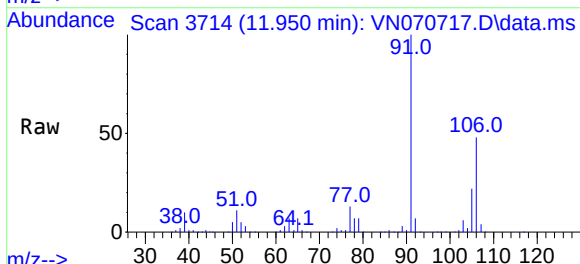
Manual Integrations
APPROVED

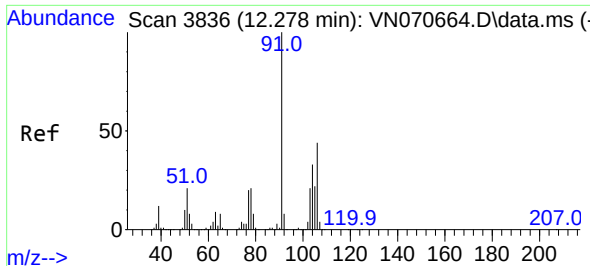
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#68
m/p-Xylenes
Concen: 16.829 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. 0.000 min
Lab File: VN070717.D
Acq: 20 Jan 2022 13:56

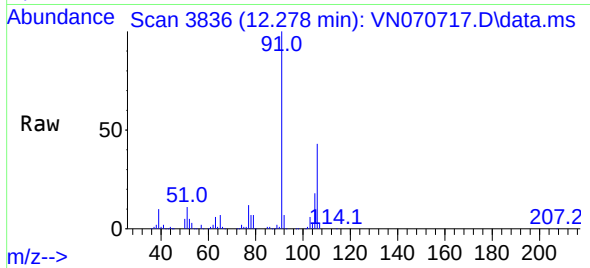
Tgt Ion:106 Resp: 366566
Ion Ratio Lower Upper
106 100
91 213.9 160.6 240.8





#69
o-Xylene
Concen: 5.664 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070717.D
Acq: 20 Jan 2022 13:56

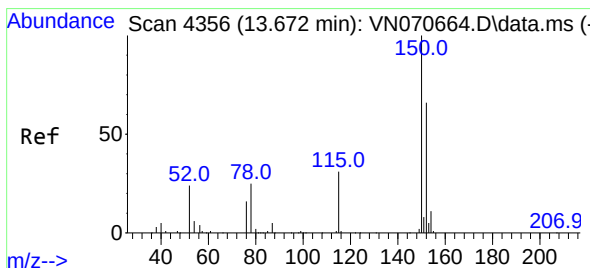
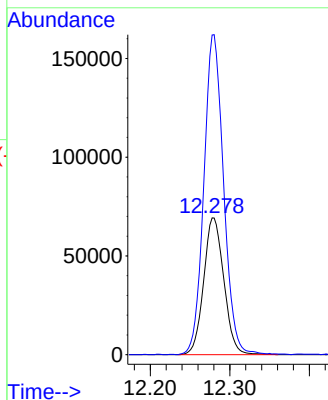
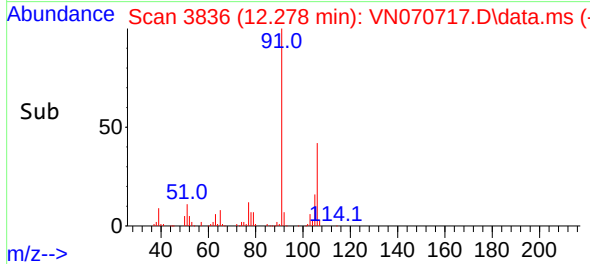
Instrument :
MSVOA_N
ClientSampleId :
AUD-1128DL



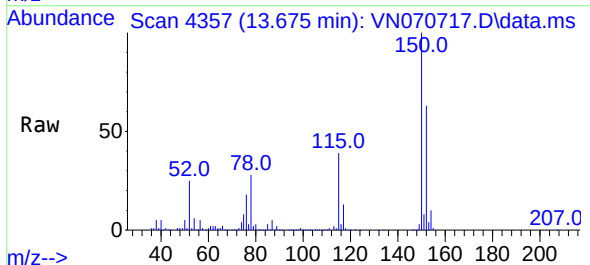
Tgt Ion:106 Resp: 122437
Ion Ratio Lower Upper
106 100
91 228.9 105.8 317.3

Manual Integrations
APPROVED

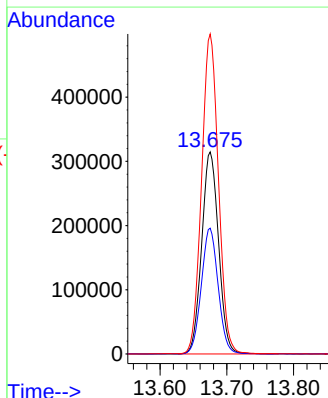
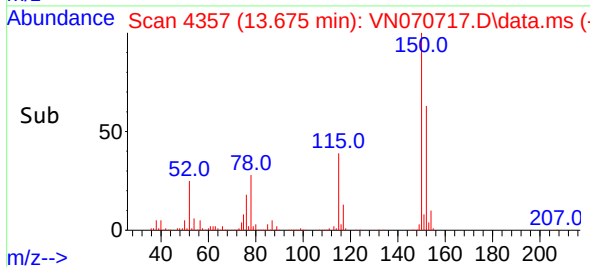
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

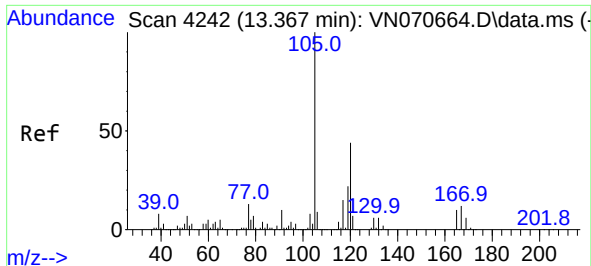


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070717.D
Acq: 20 Jan 2022 13:56



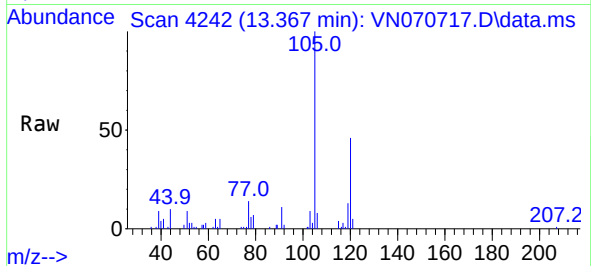
Tgt Ion:152 Resp: 553077
Ion Ratio Lower Upper
152 100
115 62.1 27.5 82.5
150 157.7 0.0 344.4





#84
1,2,4-Trimethylbenzene
Concen: 0.907 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.000 min
Lab File: VN070717.D
Acq: 20 Jan 2022 13:56

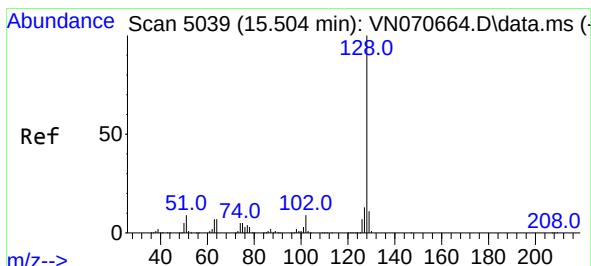
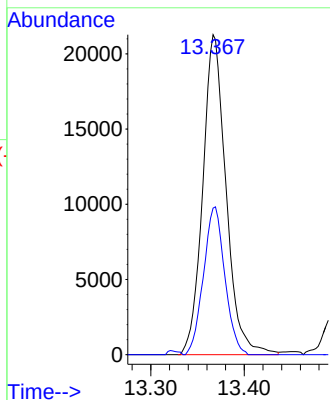
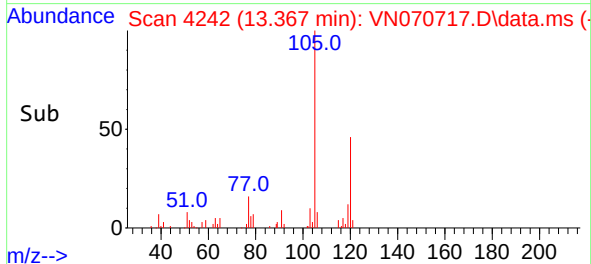
Instrument :
MSVOA_N
ClientSampleId :
AUD-1128DL



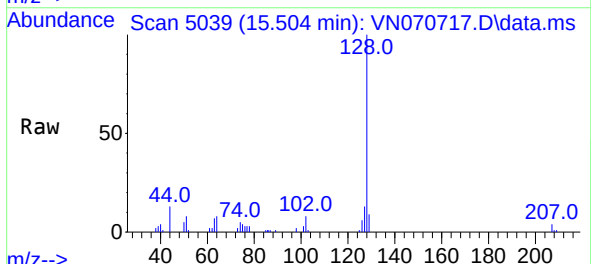
Tgt Ion:105 Resp: 3689
Ion Ratio Lower Upper
105 100
120 42.2 22.8 68.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#95
Naphthalene
Concen: 6.216 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070717.D
Acq: 20 Jan 2022 13:56



Tgt Ion:128 Resp: 40349
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 5.5 8.7 13.1#

