

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011922\
 Data File : VN070700.D
 Acq On : 19 Jan 2022 15:21
 Operator : JC/MD
 Sample : N1178-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1128

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/20/2022
 Supervised By : Mahesh Dadoda 01/20/2022

Quant Time: Jan 20 03:38:45 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	1201159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1899979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1719505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	733167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	779954	45.308	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.620%		
35) Dibromofluoromethane	8.021	113	534723	45.371	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.740%		
50) Toluene-d8	10.443	98	2379221	47.920	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.840%		
62) 4-Bromofluorobenzene	12.728	95	845263	47.776	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.560%		
Target Compounds					Qvalue	
16) Acetone	4.282	43	85229427m	7133.291	ug/l	
18) Methyl Acetate	4.854	43	1462254	62.230	ug/l #	87
20) Methylene Chloride	5.101	84	47640m	3.027	ug/l	
22) Diisopropyl ether	6.498	45	99433	1.733	ug/l #	78
25) 2-Butanone	7.332	43	5947028	395.550	ug/l	92
29) Tetrahydrofuran	7.694	42	14680	1.595	ug/l #	57
31) Cyclohexane	8.094	56	1336290	44.083	ug/l	88
39) Methylcyclohexane	9.459	83	823766	33.631	ug/l	88
40) Benzene	8.445	78	26317992m	428.089	ug/l	
43) Isopropyl Acetate	8.558	43	174458	4.336	ug/l #	77
51) 4-Methyl-2-Pentanone	10.336	43	316225	12.318	ug/l	95
52) Toluene	10.489	92	32400675m	881.066	ug/l	
67) Ethyl Benzene	11.843	91	5087841	73.661	ug/l	95
68) m/p-Xylenes	11.948	106	4091195	162.818	ug/l	91
69) o-Xylene	12.277	106	1388692	55.690	ug/l	89
73) Isopropylbenzene	12.578	105	78873	1.137	ug/l	95
78) n-propylbenzene	12.918	91	123785	1.596	ug/l	95
80) 1,3,5-Trimethylbenzene	13.058	105	106107	1.892	ug/l	99
84) 1,2,4-Trimethylbenzene	13.366	105	413238	7.664	ug/l	93
95) Naphthalene	15.507	128	125362	7.920	ug/l	99

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

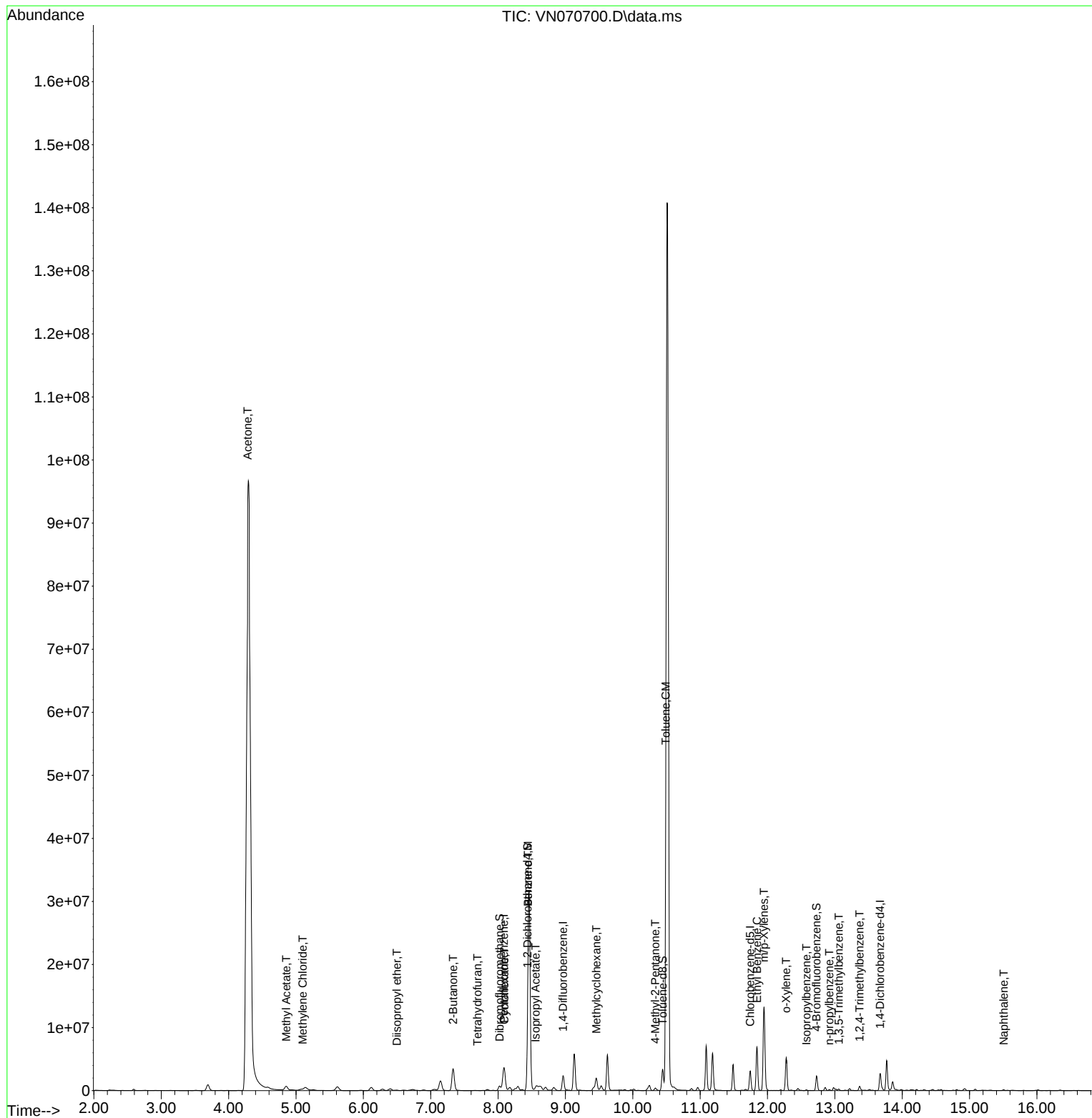
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011922\
Data File : VN070700.D
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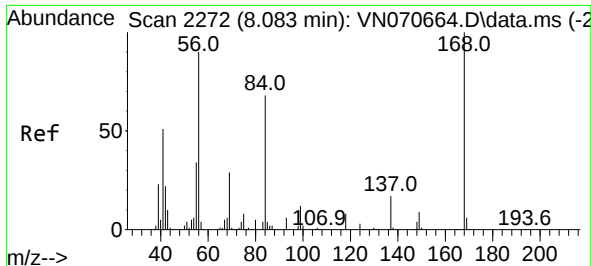
Instrument :
MSVOA_N
ClientSampleId :
AUD-1128

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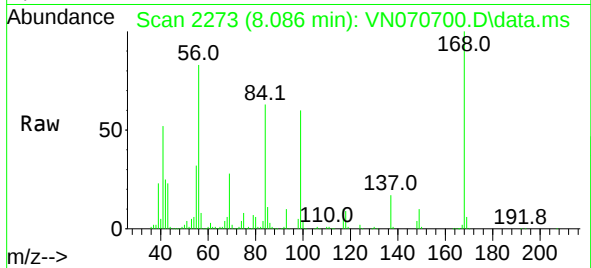
Quant Time: Jan 20 03:38:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 18 13:32:07 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

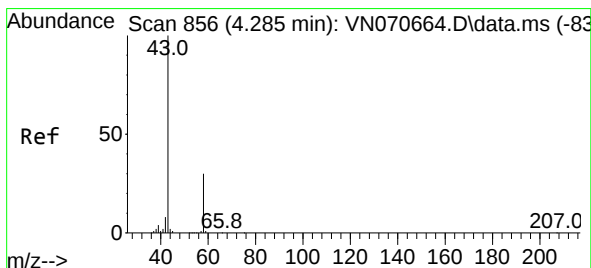
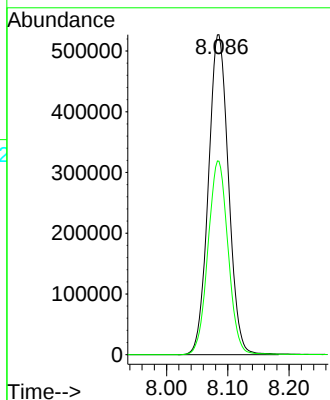
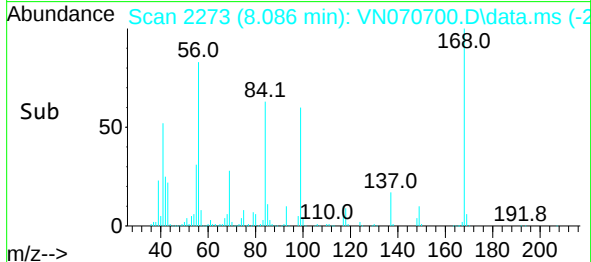
Instrument :
MSVOA_N
ClientSampleId :
AUD-1128



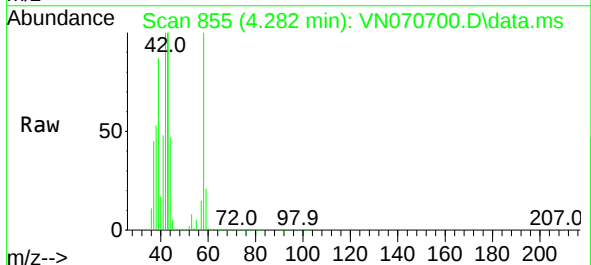
Tgt Ion:168 Resp: 1201159
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9

Manual Integrations
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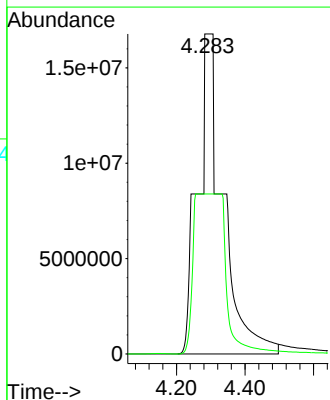
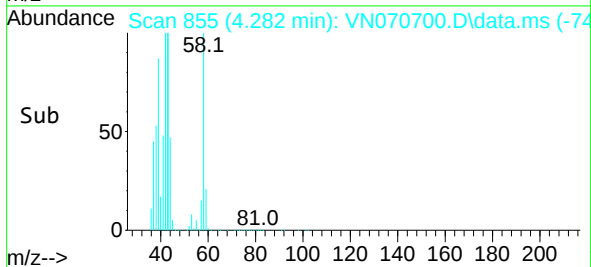
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

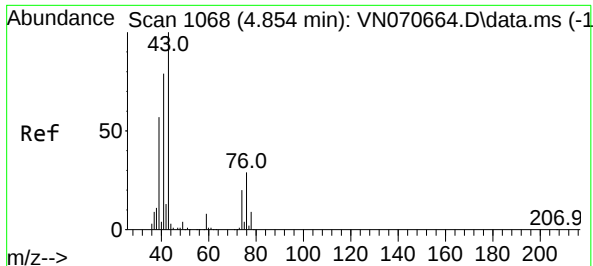


#16
Acetone
Concen: 7133.291 ug/l m
RT: 4.282 min Scan# 855
Delta R.T. -0.003 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21



Tgt Ion: 43 Resp:85229427
Ion Ratio Lower Upper
43 100
58 100.0 23.1 34.7#





#18

Methyl Acetate

Concen: 62.230 ug/l

RT: 4.854 min Scan# 110

Delta R.T. -0.000 min

Lab File: VN070700.D

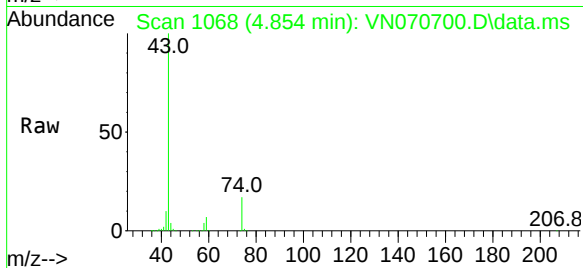
Acq: 19 Jan 2022 15:21

Instrument :

MSVOA_N

ClientSampleId :

AUD-1128



Tgt Ion: 43 Resp: 1462254

Ion Ratio Lower Upper

43 100

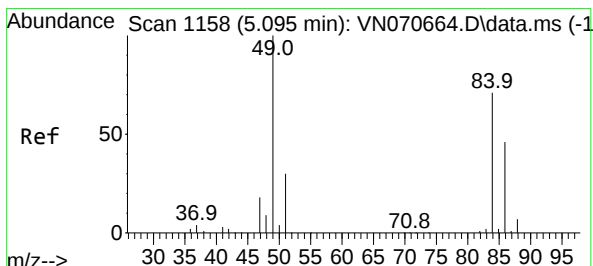
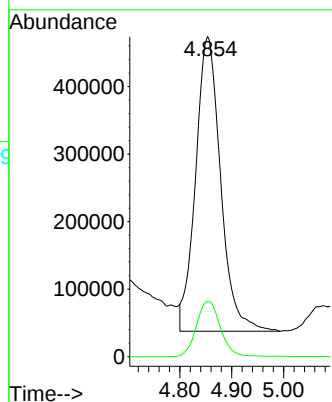
74 18.0 19.4 29.2

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#20

Methylene Chloride

Concen: 3.027 ug/l m

RT: 5.101 min Scan# 1160

Delta R.T. 0.006 min

Lab File: VN070700.D

Acq: 19 Jan 2022 15:21

Tgt Ion: 84 Resp: 47640

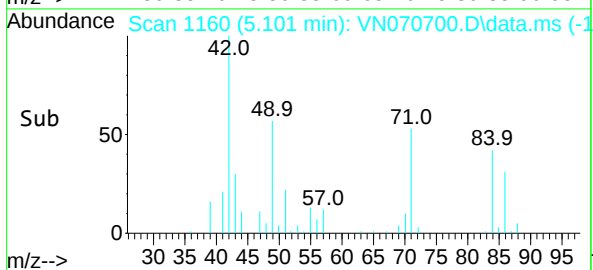
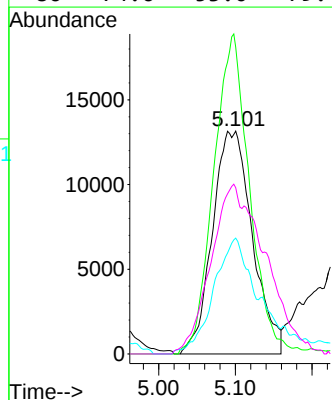
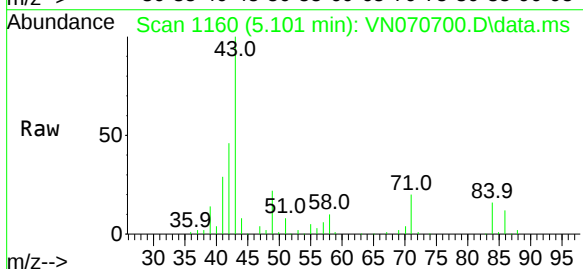
Ion Ratio Lower Upper

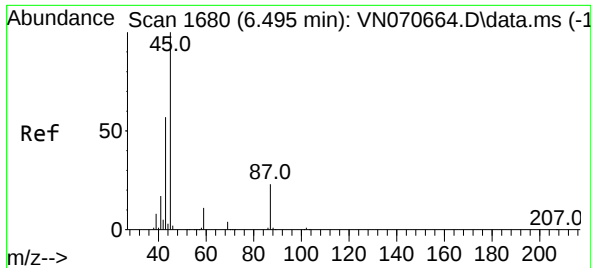
84 100

49 137.6 93.5 140.3

51 51.9 29.4 44.2

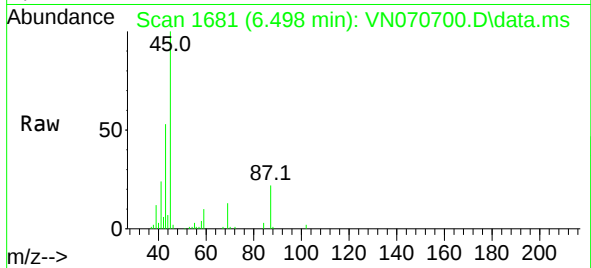
86 74.6 53.0 79.4





#22
Diisopropyl ether
Concen: 1.733 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.003 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

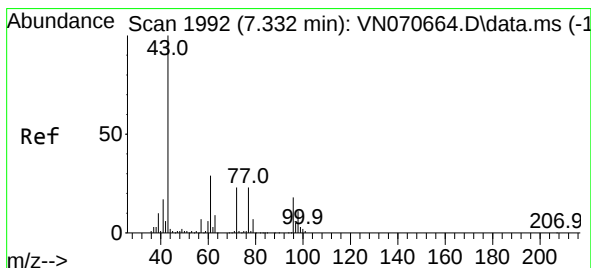
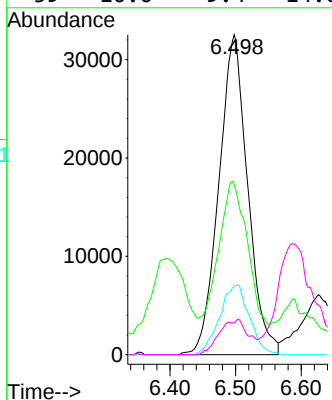
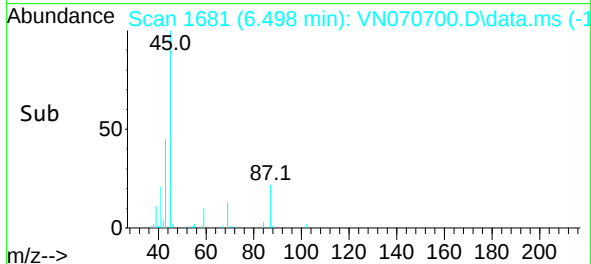
Instrument :
MSVOA_N
ClientSampleId :
AUD-1128



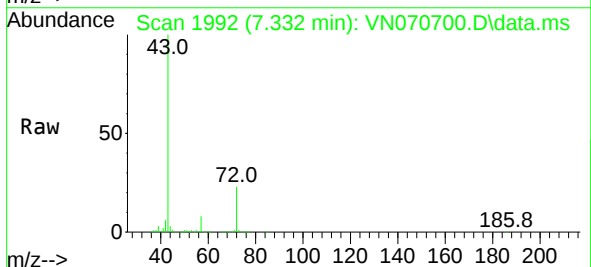
Tgt Ion: 45 Resp: 9943
Ion Ratio Lower Upper
45 100
43 42.5 51.7 77.5
87 21.5 23.2 34.8
59 10.0 9.4 14.0

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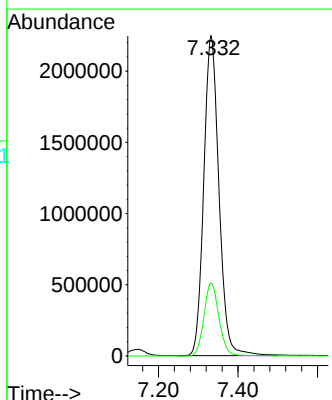
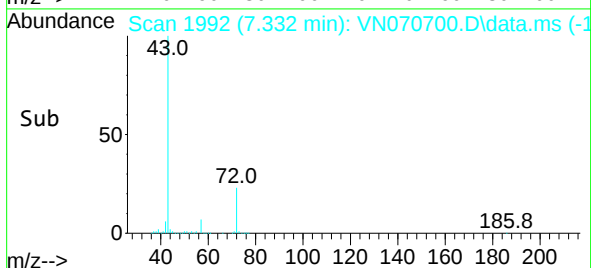
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

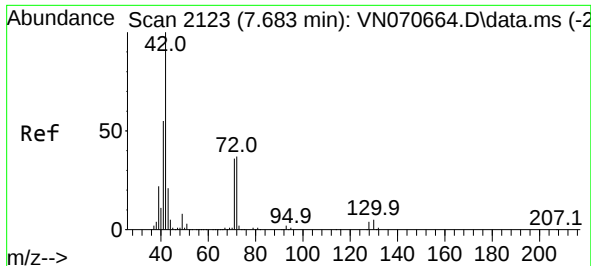


#25
2-Butanone
Concen: 395.550 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21



Tgt Ion: 43 Resp: 5947028
Ion Ratio Lower Upper
43 100
72 22.8 21.7 32.5





#29

Tetrahydrofuran

Concen: 1.595 ug/l

RT: 7.694 min Scan# 2123

Delta R.T. 0.011 min

Lab File: VN070700.D

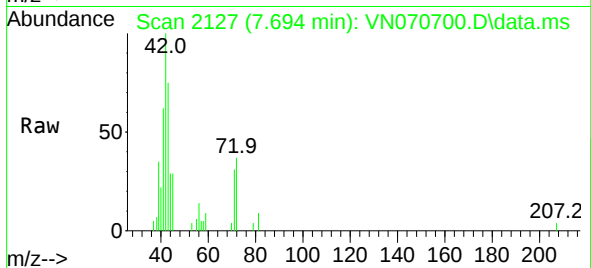
Acq: 19 Jan 2022 15:21

Instrument :

MSVOA_N

ClientSampleId :

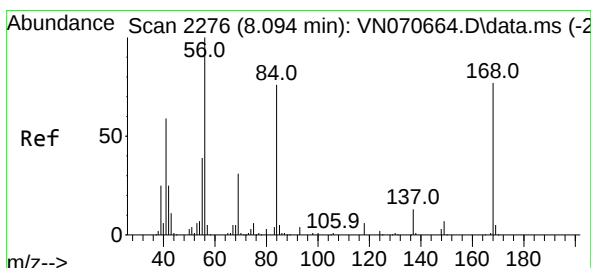
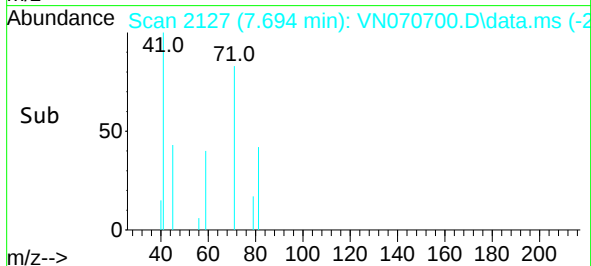
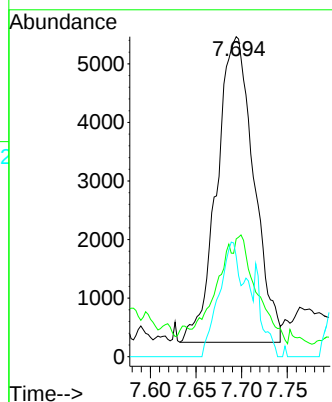
AUD-1128



Tgt Ion:	42	Resp:	14680
Ion Ratio	Lower	Upper	
42	100		
72	12.8	36.3	54.5
71	20.5	34.7	52.1

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Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#31

Cyclohexane

Concen: 44.083 ug/l

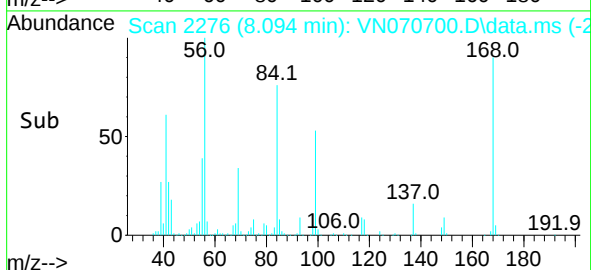
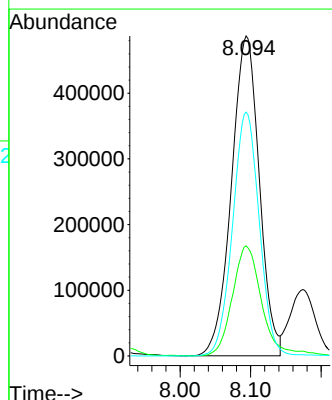
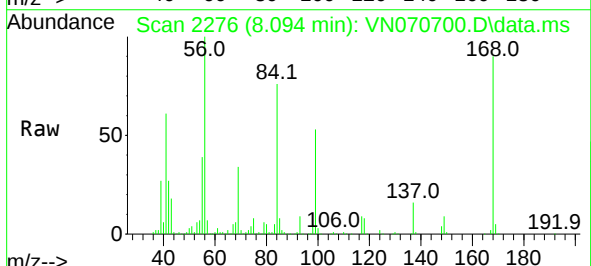
RT: 8.094 min Scan# 2276

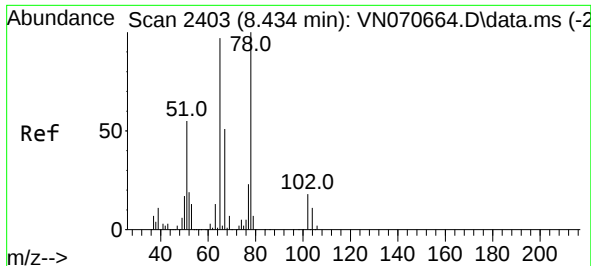
Delta R.T. -0.000 min

Lab File: VN070700.D

Acq: 19 Jan 2022 15:21

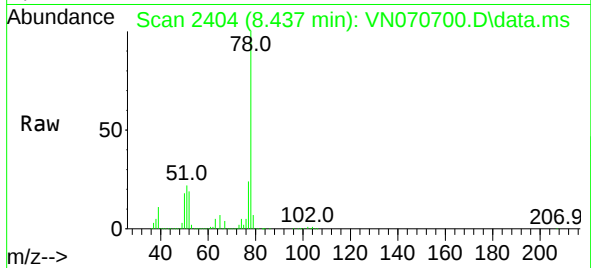
Tgt Ion:	56	Resp:	1336290
Ion Ratio	Lower	Upper	
56	100		
69	34.3	27.1	40.7
84	76.3	73.4	110.0





#33
1,2-Dichloroethane-d4
Concen: 45.308 ug/l
RT: 8.437 min Scan# 2403
Delta R.T. 0.003 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

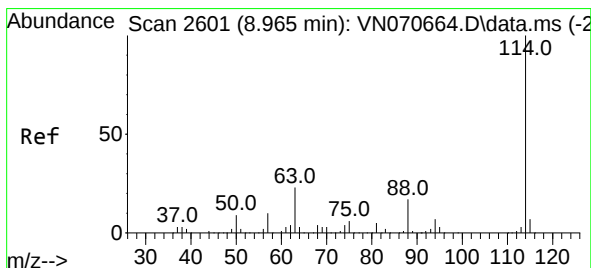
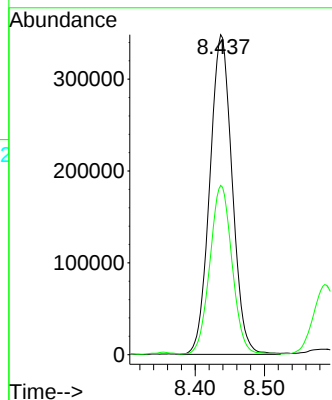
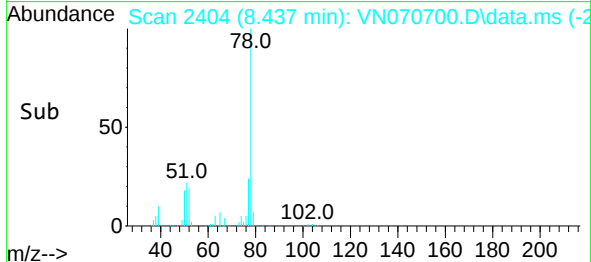
Instrument :
MSVOA_N
ClientSampleId :
AUD-1128



Tgt Ion: 65 Resp: 779954
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.0

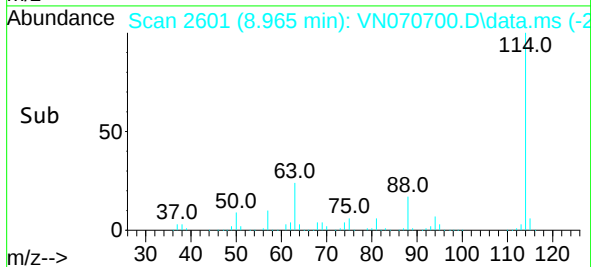
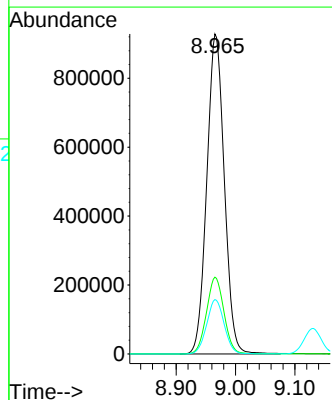
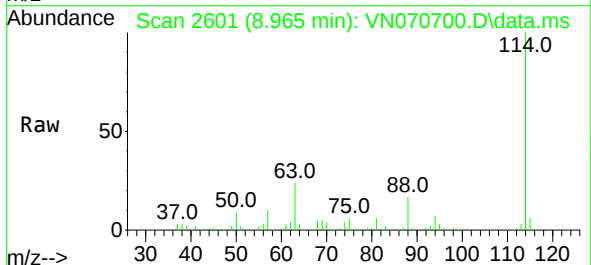
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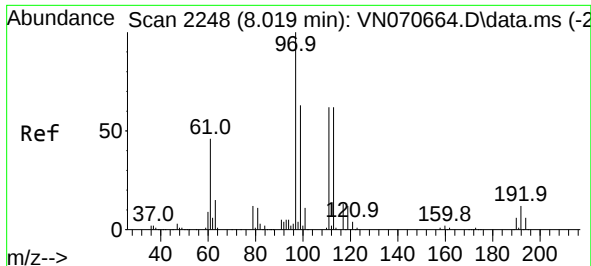
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

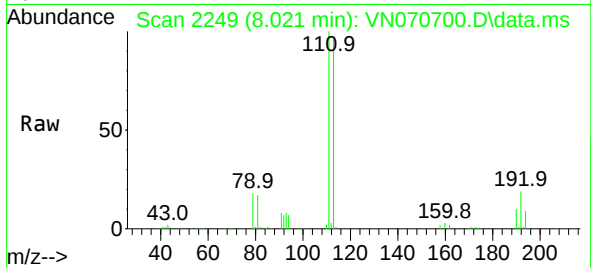
Tgt Ion:114 Resp: 1899979
Ion Ratio Lower Upper
114 100
63 24.0 0.0 37.8
88 17.0 0.0 27.4





#35
 Dibromofluoromethane
 Concen: 45.371 ug/l
 RT: 8.021 min Scan# 2113
 Delta R.T. 0.002 min
 Lab File: VN070700.D
 Acq: 19 Jan 2022 15:21

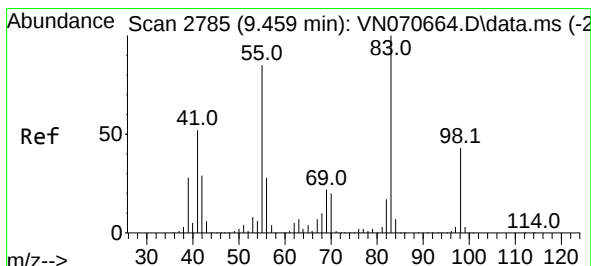
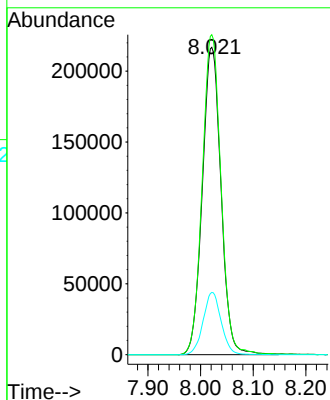
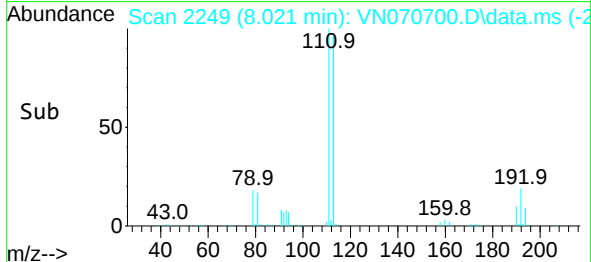
Instrument :
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 ClientSampleId :
 AUD-1128



Tgt Ion: 113 Resp: 53472
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.2 123.2
 192 19.6 16.9 25.3

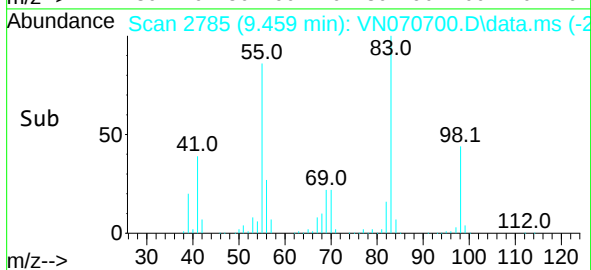
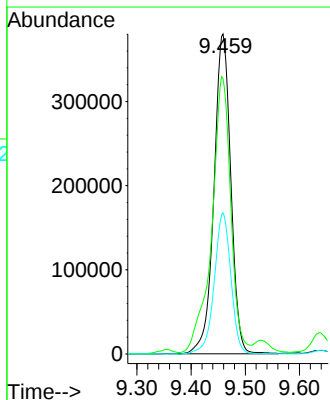
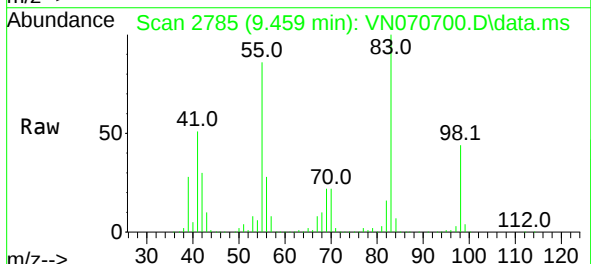
Manual Integrations
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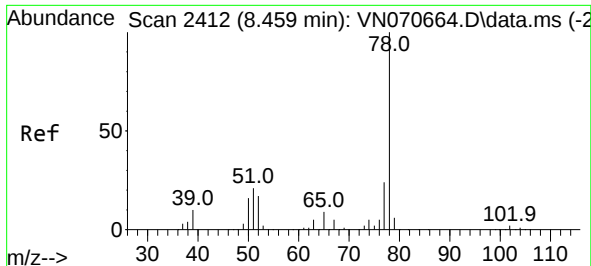
Reviewed By :John Carlone 01/20/2022
 Supervised By :Mahesh Dadoda 01/20/2022



#39
 Methylcyclohexane
 Concen: 33.631 ug/l
 RT: 9.459 min Scan# 2785
 Delta R.T. -0.000 min
 Lab File: VN070700.D
 Acq: 19 Jan 2022 15:21

Tgt Ion: 83 Resp: 823766
 Ion Ratio Lower Upper
 83 100
 55 85.6 58.1 87.1
 98 44.2 38.4 57.6





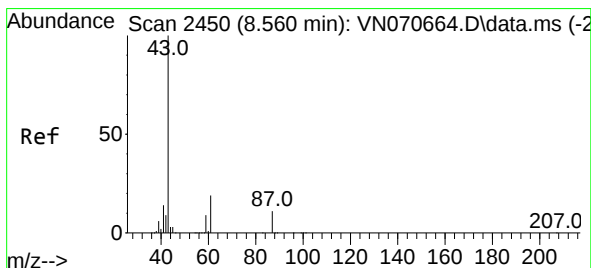
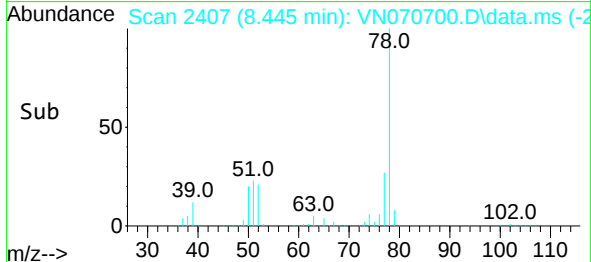
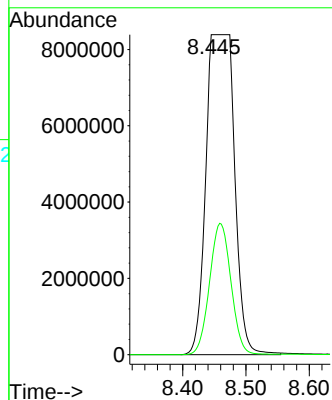
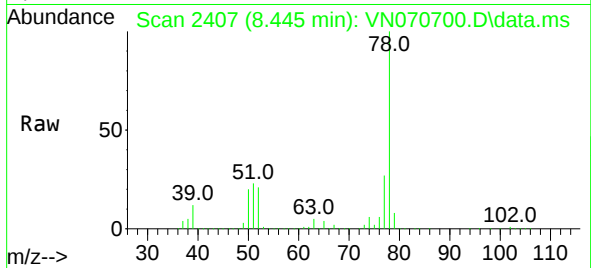
#40
Benzene
Concen: 428.089 ug/l m
RT: 8.445 min Scan# 2412
Delta R.T. -0.014 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

Instrument :
MSVOA_N
ClientSampleId :
AUD-1128

Tgt Ion: 78 Resp: 2631799
Ion Ratio Lower Upper
78 100
77 27.0 18.6 27.8

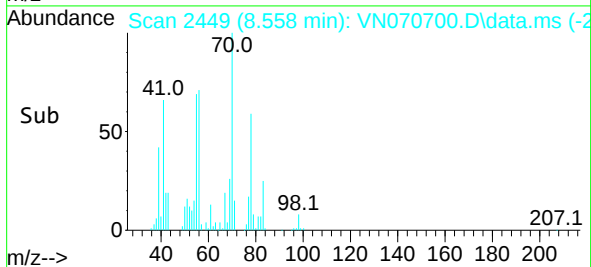
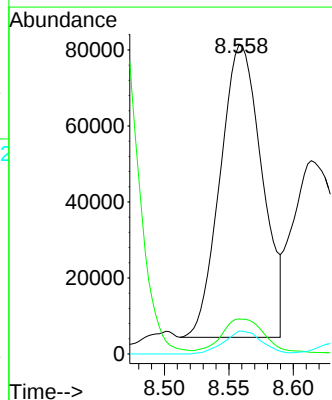
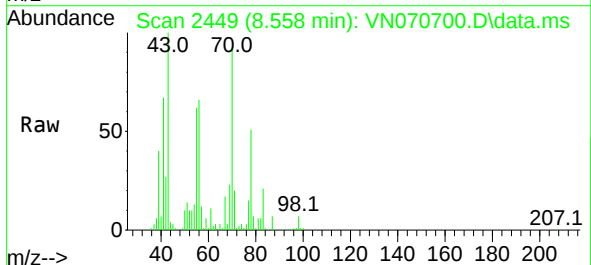
Manual Integrations
APPROVED

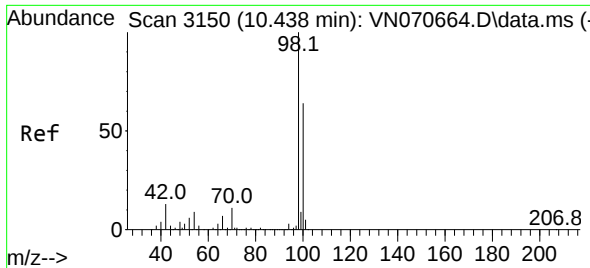
Reviewed By : John Carlone 01/20/2022
Supervised By : Mahesh Dadoda 01/20/2022



#43
Isopropyl Acetate
Concen: 4.336 ug/l
RT: 8.558 min Scan# 2449
Delta R.T. -0.002 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

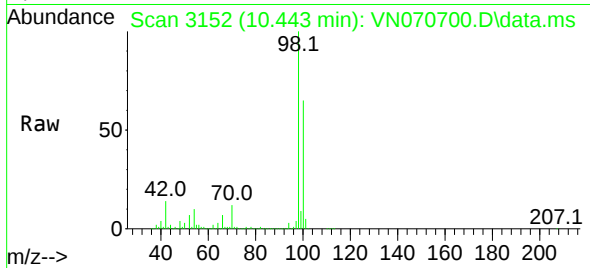
Tgt Ion: 43 Resp: 174458
Ion Ratio Lower Upper
43 100
61 11.9 20.4 30.6#
87 7.1 11.2 16.8#





#50
Toluene-d8
Concen: 47.920 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.005 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

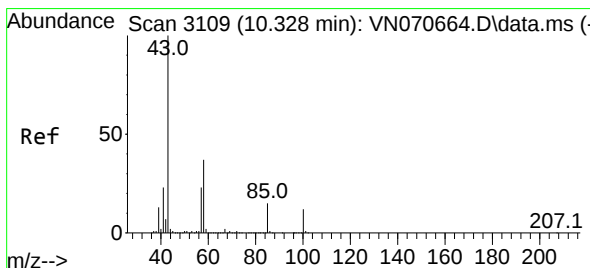
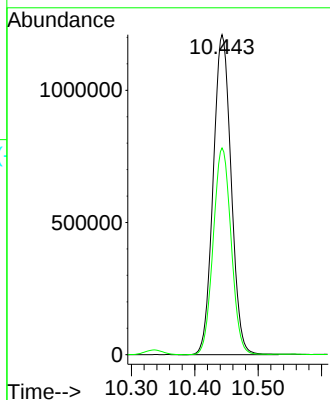
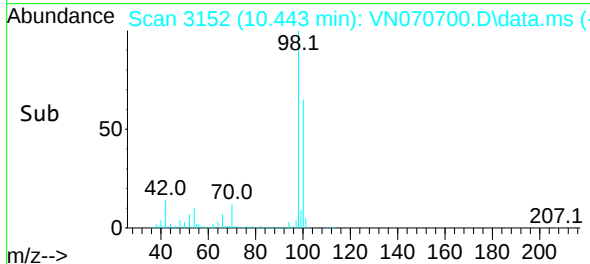
Instrument :
MSVOA_N
ClientSampleId :
AUD-1128



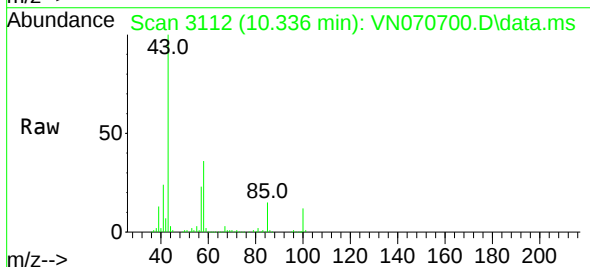
Tgt Ion: 98 Resp: 237922
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6

Manual Integrations
APPROVED

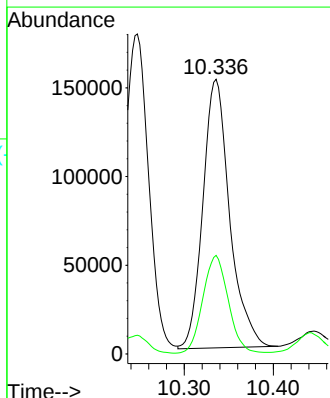
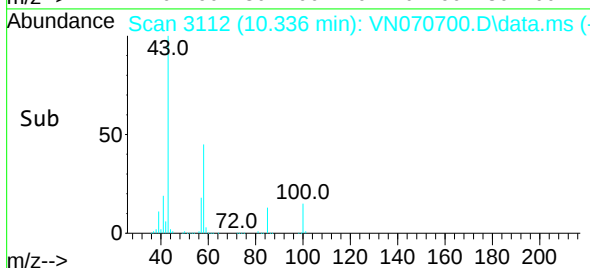
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

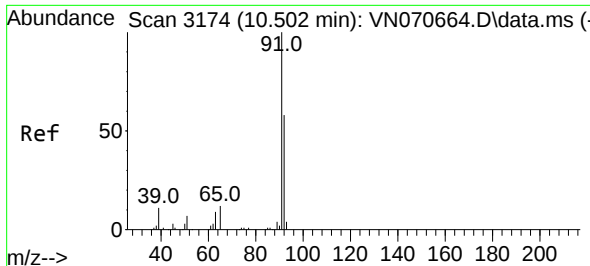


#51
4-Methyl-2-Pentanone
Concen: 12.318 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.008 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21



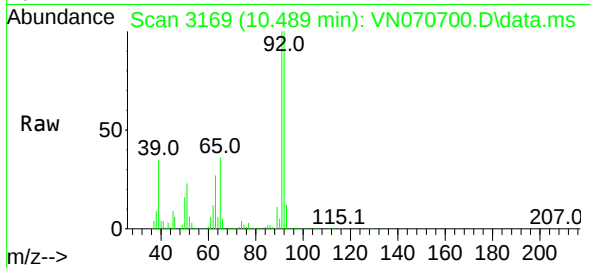
Tgt Ion: 43 Resp: 316225
Ion Ratio Lower Upper
43 100
58 34.9 30.4 45.6





#52
Toluene
Concen: 881.066 ug/l m
RT: 10.489 min Scan# 3174
Delta R.T. -0.013 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

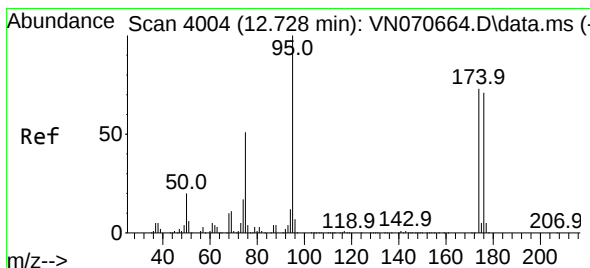
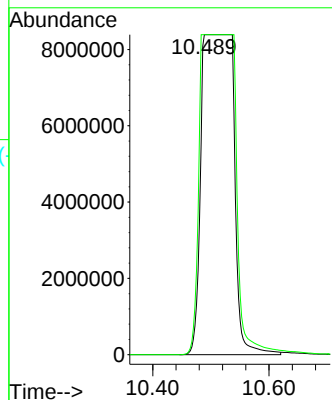
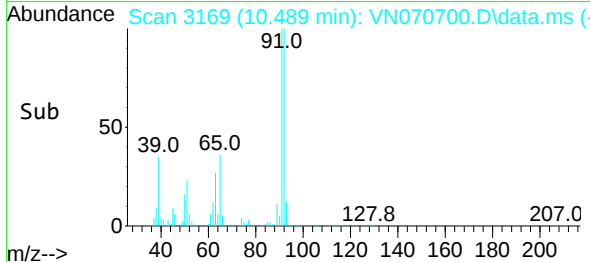
Instrument :
MSVOA_N
ClientSampleId :
AUD-1128



Tgt Ion: 92 Resp: 3240067
Ion Ratio Lower Upper
92 100
91 0.0 142.0 213.0

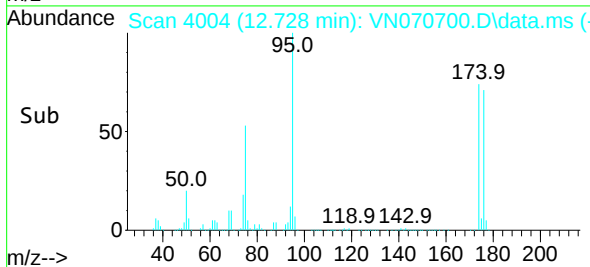
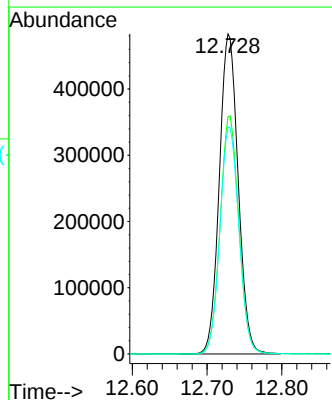
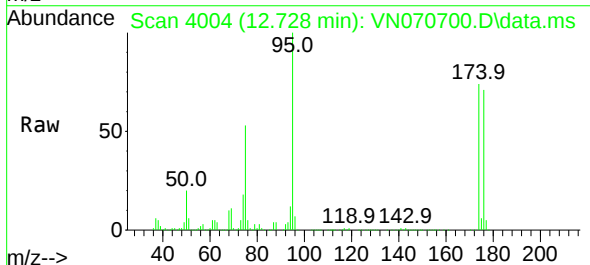
Manual Integrations
APPROVED

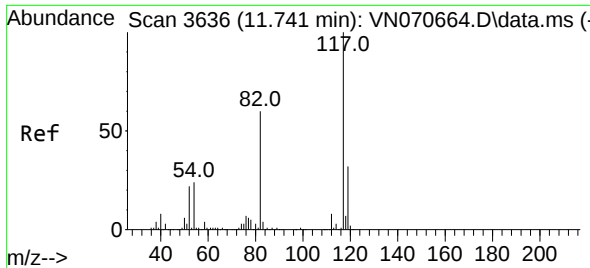
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#62
4-Bromofluorobenzene
Concen: 47.776 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

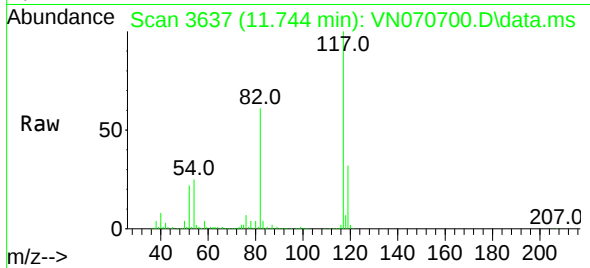
Tgt Ion: 95 Resp: 845263
Ion Ratio Lower Upper
95 100
174 74.0 0.0 187.2
176 71.4 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3636
Delta R.T. 0.003 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

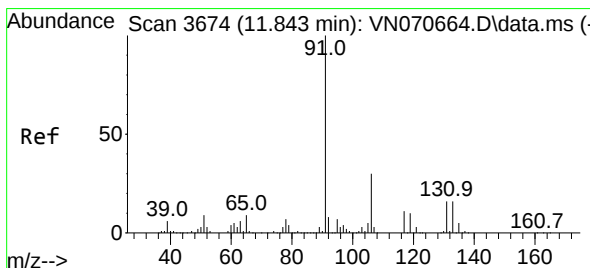
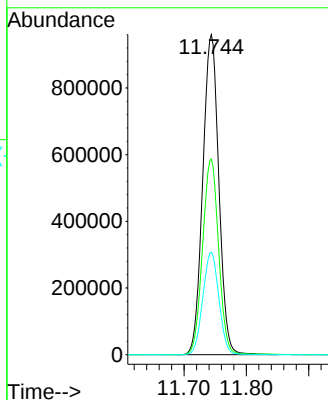
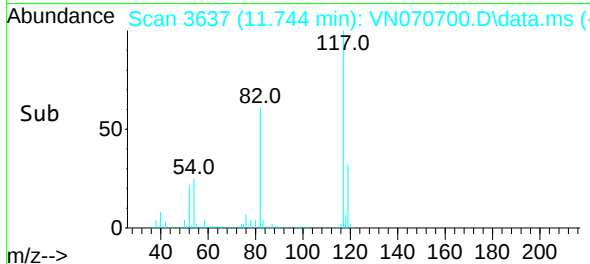
Instrument :
MSVOA_N
ClientSampleId :
AUD-1128



Tgt Ion: 117 Resp: 171950
Ion Ratio Lower Upper
117 100
82 61.1 42.4 63.6
119 32.1 25.4 38.2

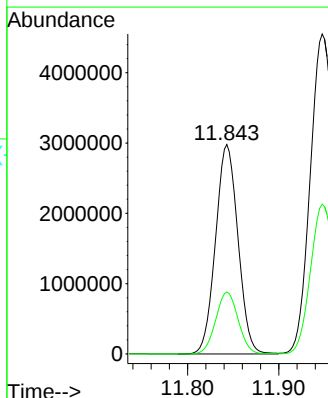
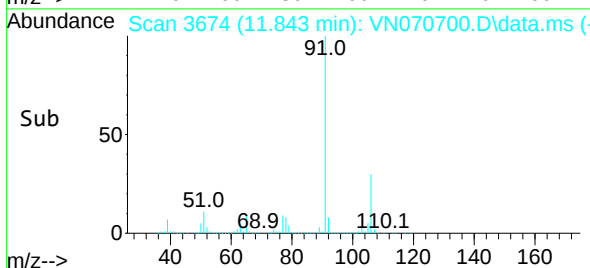
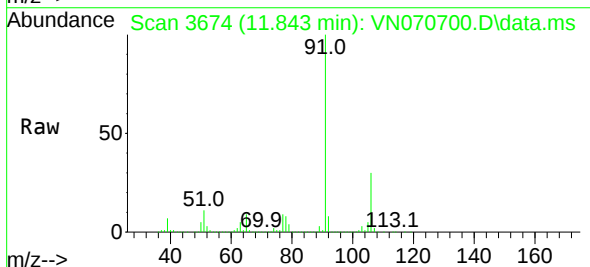
Manual Integrations
APPROVED

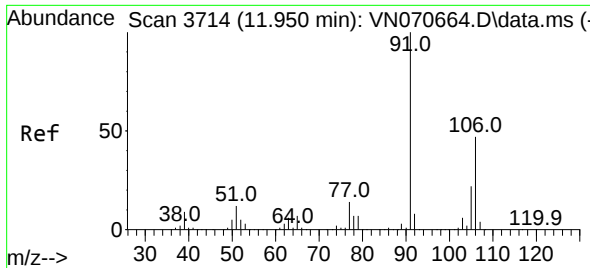
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#67
Ethyl Benzene
Concen: 73.661 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

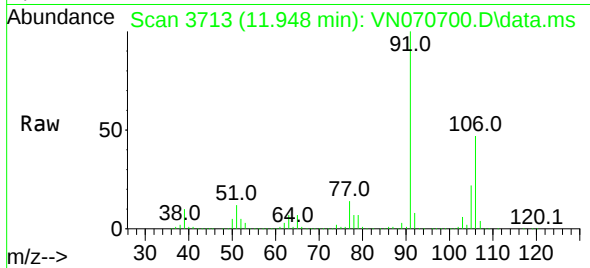
Tgt Ion: 91 Resp: 5087841
Ion Ratio Lower Upper
91 100
106 29.5 25.7 38.5





#68
m/p-Xylenes
Concen: 162.818 ug/l
RT: 11.948 min Scan# 3713
Delta R.T. -0.002 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

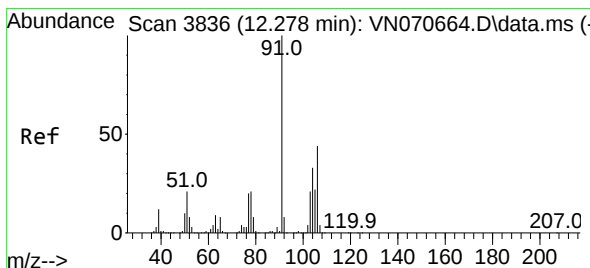
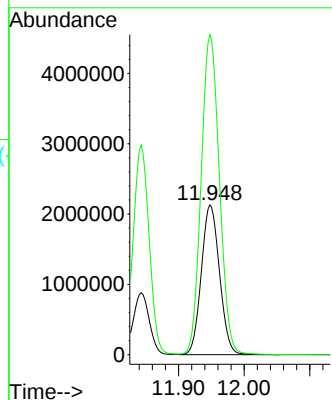
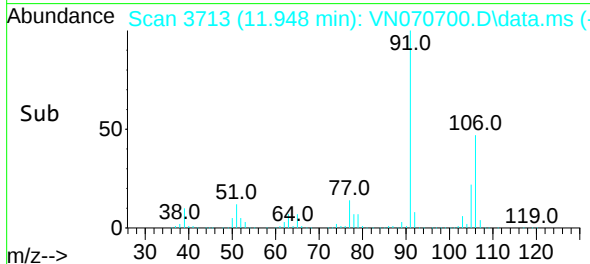
Instrument :
MSVOA_N
ClientSampleId :
AUD-1128



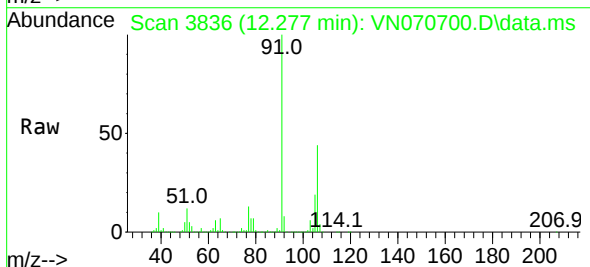
Tgt Ion:106 Resp: 409119
Ion Ratio Lower Upper
106 100
91 214.9 160.6 240.8

Manual Integrations
APPROVED

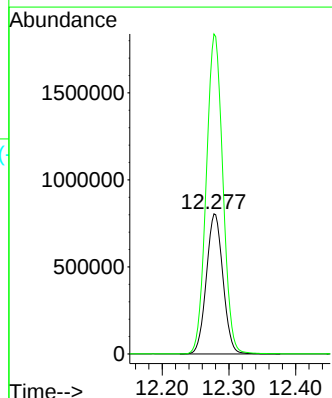
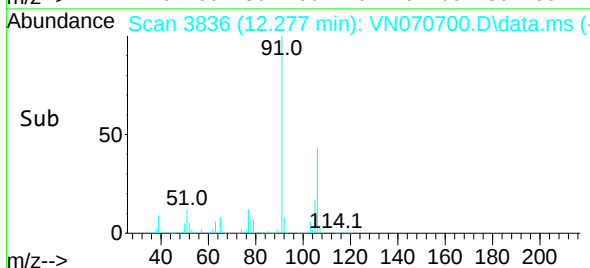
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

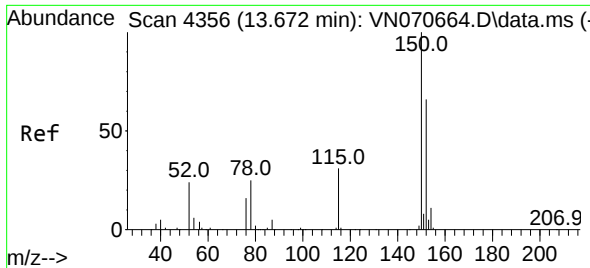


#69
o-Xylene
Concen: 55.690 ug/l
RT: 12.277 min Scan# 3836
Delta R.T. -0.001 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21



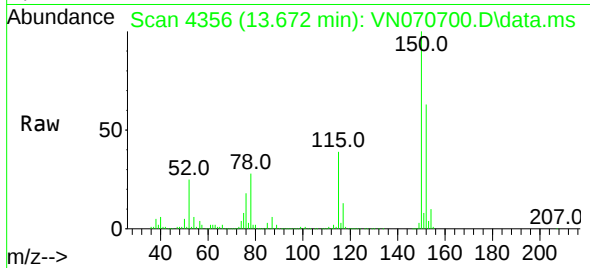
Tgt Ion:106 Resp: 1388692
Ion Ratio Lower Upper
106 100
91 228.6 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

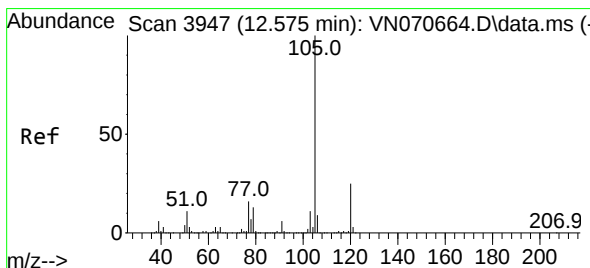
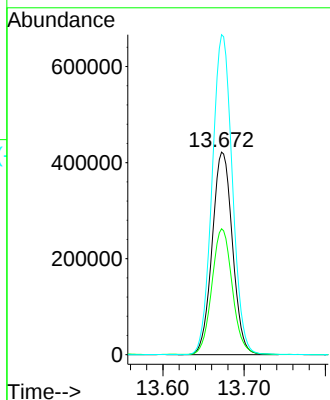
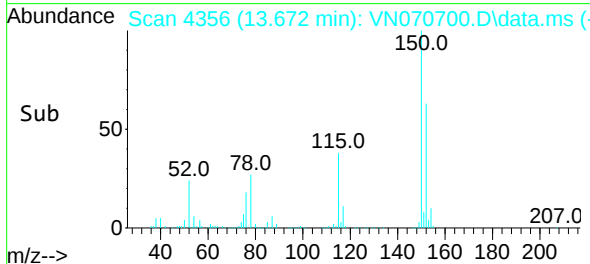
Instrument :
MSVOA_N
ClientSampleId :
AUD-1128



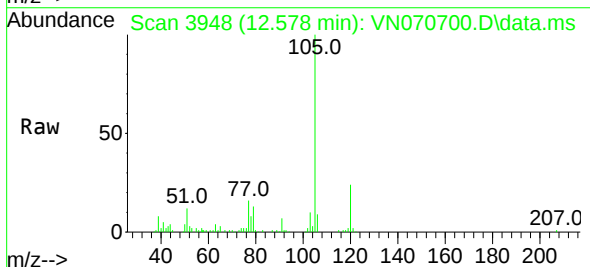
Tgt Ion:152 Resp: 73316
Ion Ratio Lower Upper
152 100
115 62.5 27.5 82.5
150 157.1 0.0 344.4

Manual Integrations
APPROVED

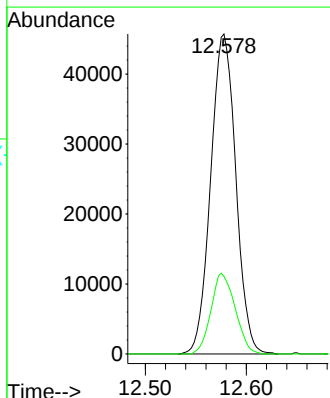
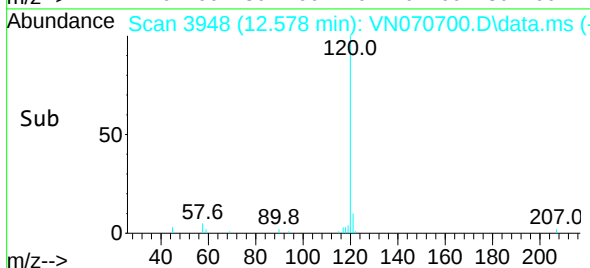
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

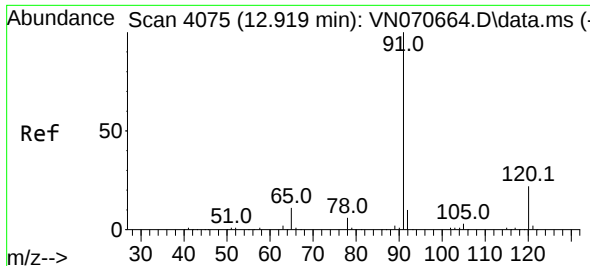


#73
Isopropylbenzene
Concen: 1.137 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21



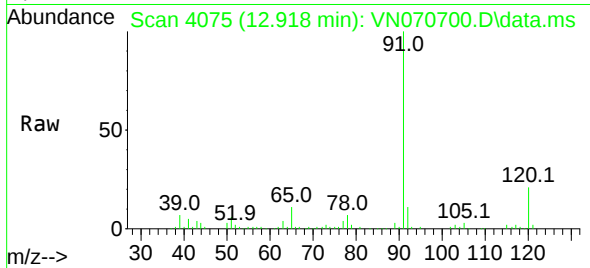
Tgt Ion:105 Resp: 78873
Ion Ratio Lower Upper
105 100
120 24.2 13.4 40.1





#78
n-propylbenzene
Concen: 1.596 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.001 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

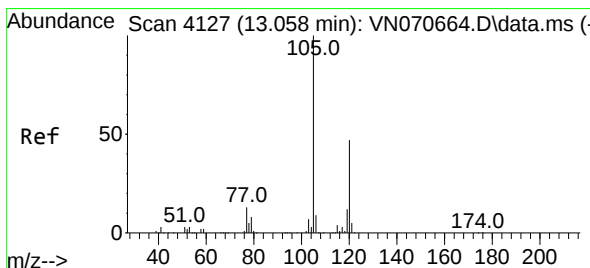
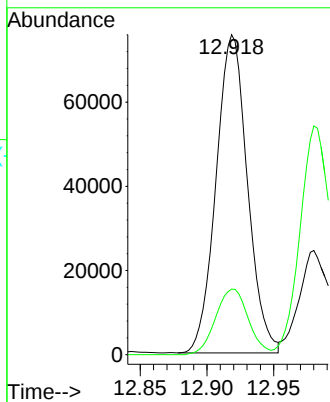
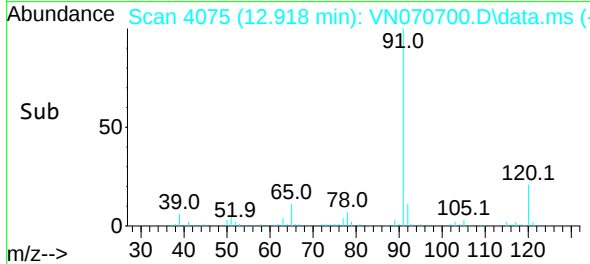
Instrument :
MSVOA_N
ClientSampleId :
AUD-1128



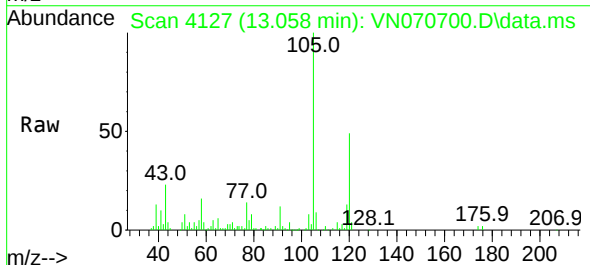
Tgt Ion: 91 Resp: 123785
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.9

Manual Integrations
APPROVED

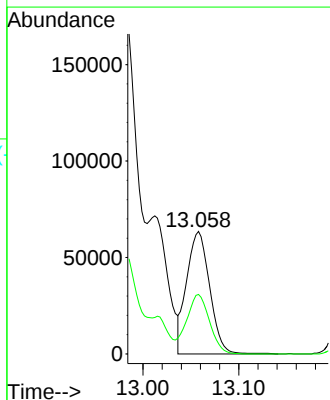
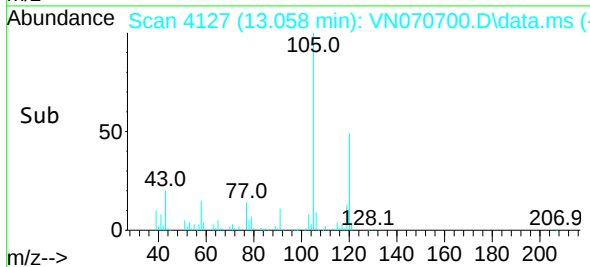
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

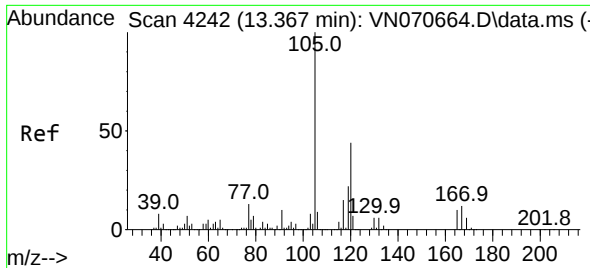


#80
1,3,5-Trimethylbenzene
Concen: 1.892 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21



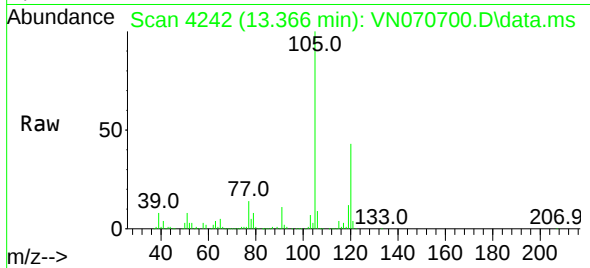
Tgt Ion:105 Resp: 106107
Ion Ratio Lower Upper
105 100
120 48.7 24.6 73.6





#84
1,2,4-Trimethylbenzene
Concen: 7.664 ug/l
RT: 13.366 min Scan# 41
Delta R.T. -0.001 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

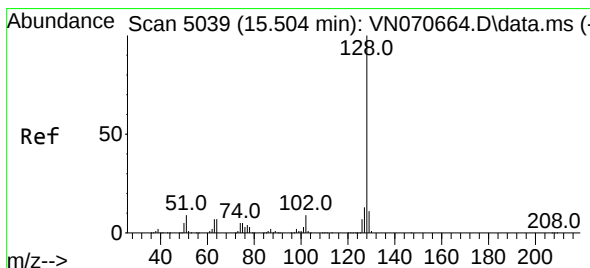
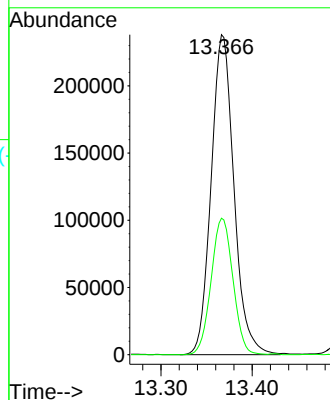
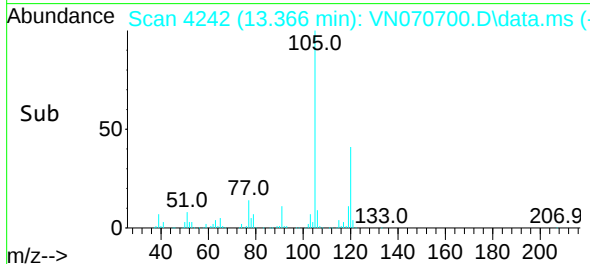
Instrument :
MSVOA_N
ClientSampleId :
AUD-1128



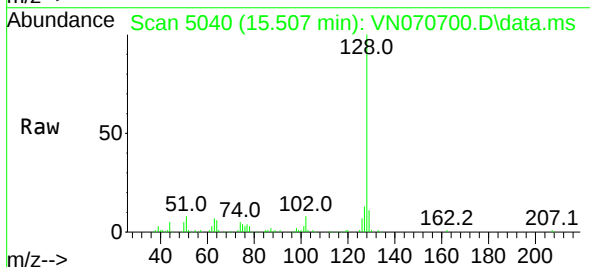
Tgt Ion:105 Resp: 413238
Ion Ratio Lower Upper
105 100
120 40.8 22.8 68.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#95
Naphthalene
Concen: 7.920 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21



Tgt Ion:128 Resp: 125362
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.0 8.7 13.1

