

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020122\
 Data File : VN070877.D
 Acq On : 1 Feb 2022 17:46
 Operator : JC/MD
 Sample : N1342-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31526

Manual Integrations
 APPROVED

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

Quant Time: Feb 02 00:37:09 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	1258364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1965369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1381156	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.707	152	798397	50.000	ug/l	0.04
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	760606	42.175	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.360%		
35) Dibromofluoromethane	8.019	113	582132	47.750	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.500%		
50) Toluene-d8	10.441	98	2357246	45.898	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.800%		
62) 4-Bromofluorobenzene	12.734	95	904611	49.429	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.860%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.390	59	10256559	3152.343	ug/l	99
16) Acetone	4.283	43	9418734	752.466	ug/l	96
18) Methyl Acetate	4.851	43	3419787	138.922	ug/l	93
19) Methyl tert-butyl Ether	5.613	73	3165850	63.659	ug/l	92
20) Methylene Chloride	5.095	84	26558	1.611	ug/l	# 88
25) 2-Butanone	7.335	43	8130529	516.196	ug/l	94
29) Tetrahydrofuran	7.689	42	216329	22.431	ug/l	# 84
31) Cyclohexane	8.088	56	149832m	4.718	ug/l	
40) Benzene	8.459	78	17524814	275.575	ug/l	97
49) 1,4-Dioxane	9.598	88	3899690m	13094.237	ug/l	
51) 4-Methyl-2-Pentanone	10.336	43	13392180	504.295	ug/l	100
52) Toluene	10.505	92	12449431	327.272	ug/l	# 1
67) Ethyl Benzene	11.846	91	2265102	40.827	ug/l	96
68) m/p-Xylenes	11.950	106	4254259	210.784	ug/l	92
69) o-Xylene	12.283	106	2078329	103.764	ug/l	90
73) Isopropylbenzene	12.581	105	134895	1.786	ug/l	98
80) 1,3,5-Trimethylbenzene	13.066	105	442923	7.251	ug/l	97
84) 1,2,4-Trimethylbenzene	13.396	105	2980870m	50.770	ug/l	
95) Naphthalene	15.501	128	2669323	63.043	ug/l	# 96

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

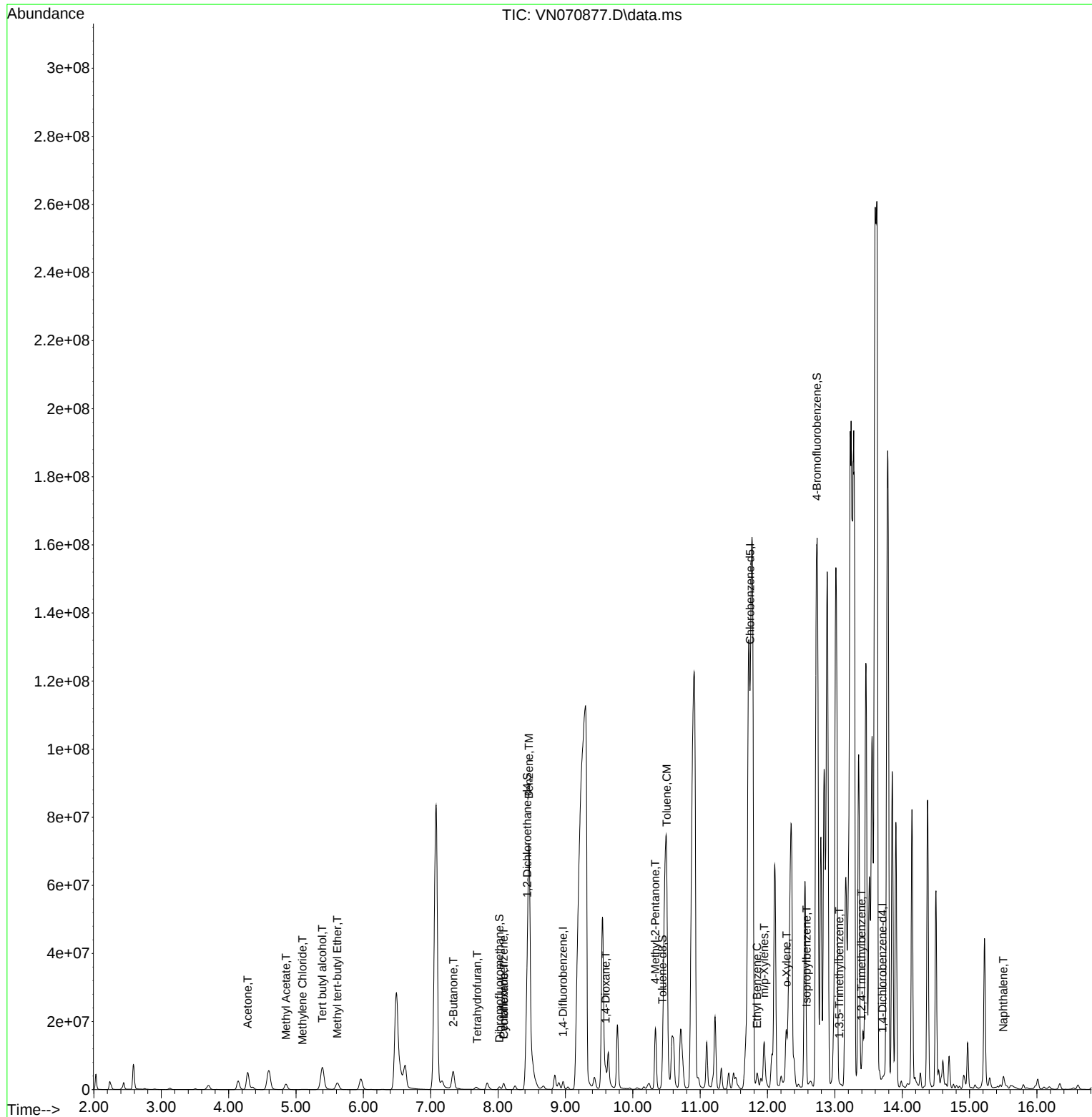
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020122\
Data File : VN070877.D
Acq On : 1 Feb 2022 17:46
Operator : JC/MD
Sample : N1342-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

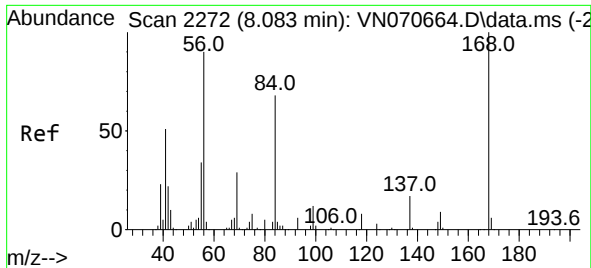
Instrument :
MSVOA_N
ClientSampleId :
31526

Manual Integrations
APPROVED

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

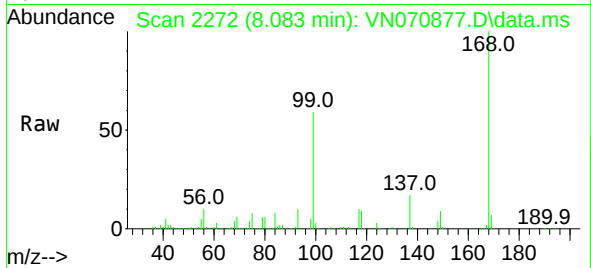
Quant Time: Feb 02 00:37:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 18 13:32:07 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

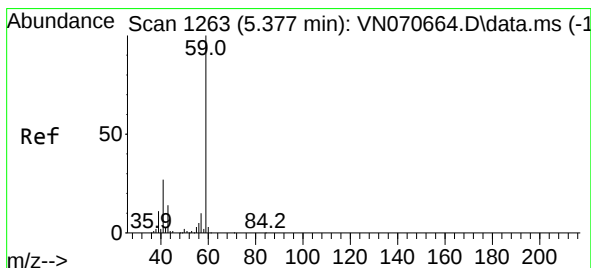
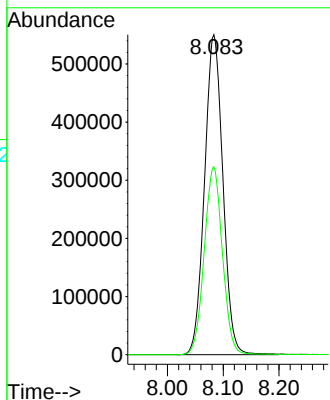
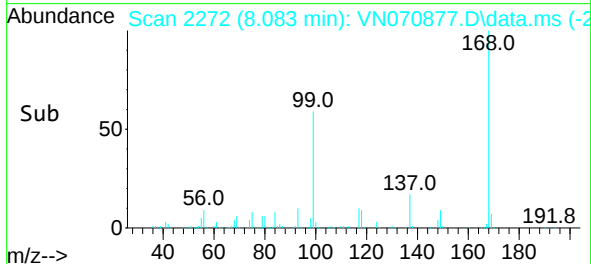
Instrument :
MSVOA_N
ClientSampleId :
31526



Tgt Ion:168 Resp: 125836
Ion Ratio Lower Upper
168 100
99 58.7 41.3 61.9

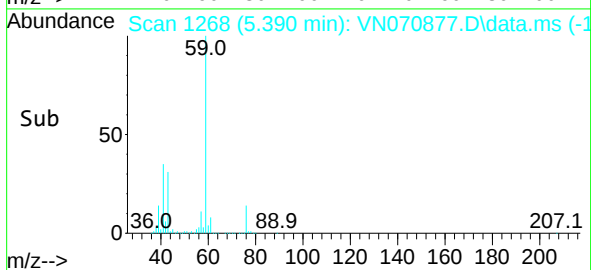
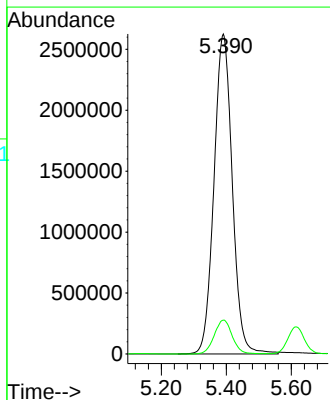
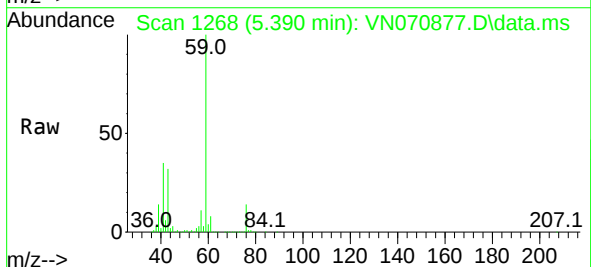
Manual Integrations
APPROVED

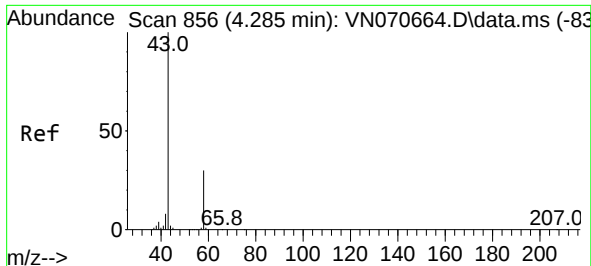
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#11
Tert butyl alcohol
Concen: 3152.343 ug/l
RT: 5.390 min Scan# 1268
Delta R.T. 0.013 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

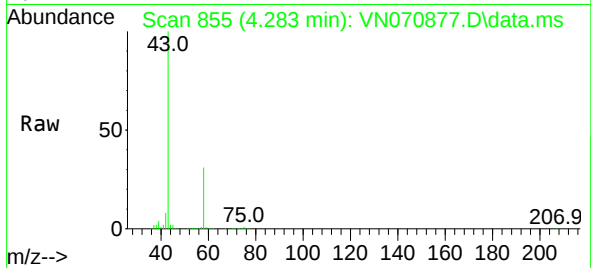
Tgt Ion: 59 Resp:10256559
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1





#16
Acetone
Concen: 752.466 ug/l
RT: 4.283 min Scan# 856
Delta R.T. -0.002 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

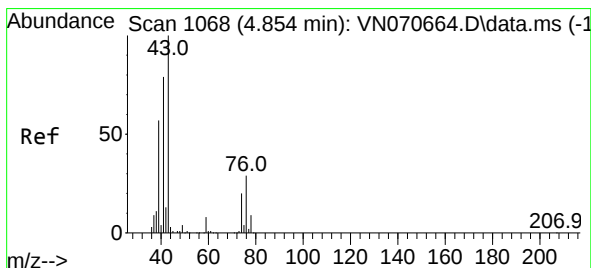
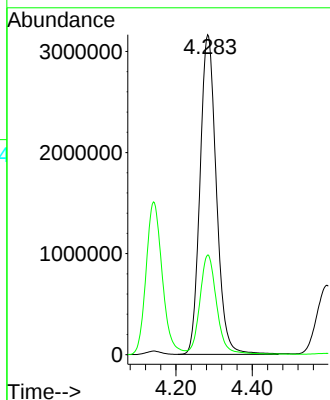
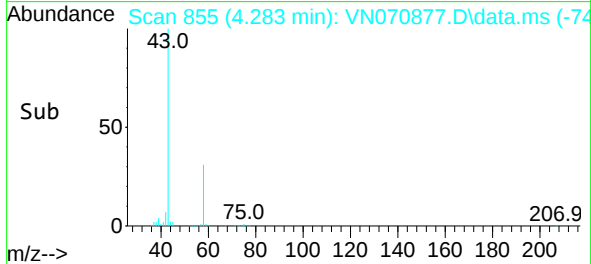
Instrument :
MSVOA_N
ClientSampleId :
31526



Tgt Ion: 43 Resp: 9418734
Ion Ratio Lower Upper
43 100
58 31.0 23.1 34.7

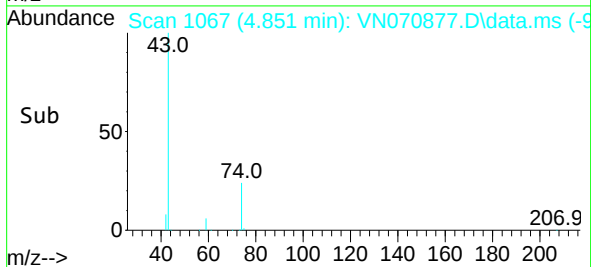
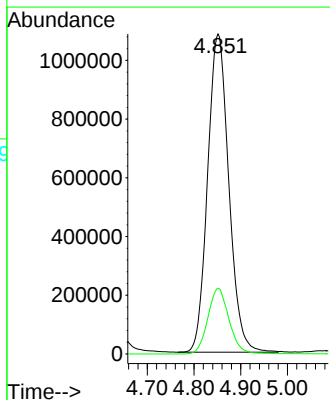
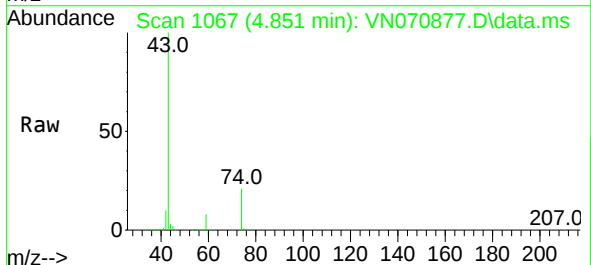
Manual Integrations
APPROVED

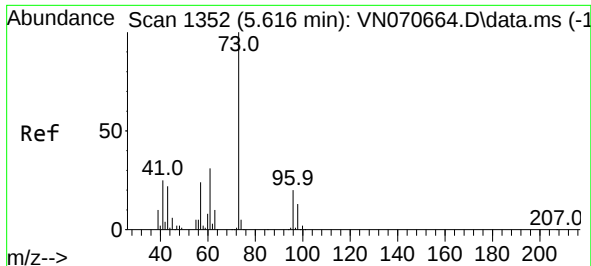
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#18
Methyl Acetate
Concen: 138.922 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.003 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

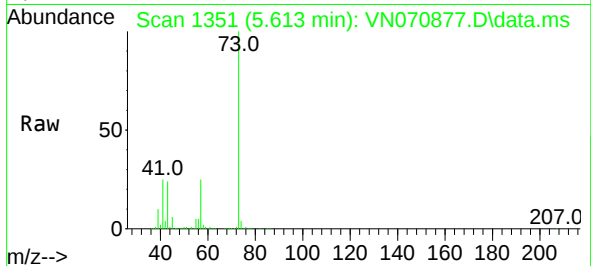
Tgt Ion: 43 Resp: 3419787
Ion Ratio Lower Upper
43 100
74 20.6 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 63.659 ug/l
RT: 5.613 min Scan# 1135
Delta R.T. -0.003 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

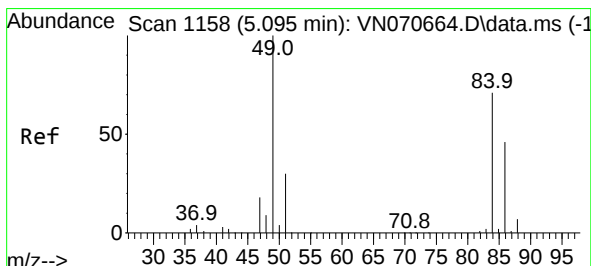
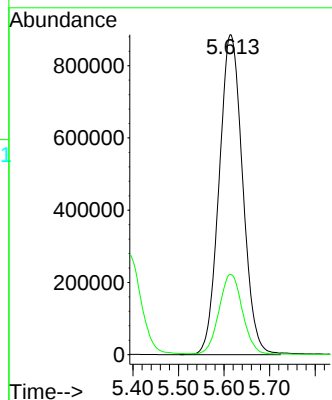
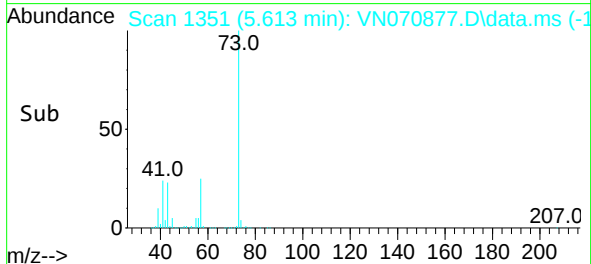
Instrument :
MSVOA_N
ClientSampleId :
31526



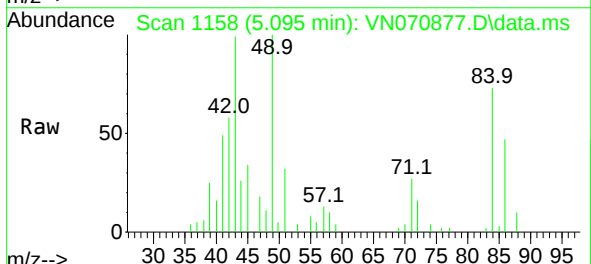
Tgt Ion: 73 Resp: 316585
Ion Ratio Lower Upper
73 100
57 24.9 16.8 25.2

Manual Integrations
APPROVED

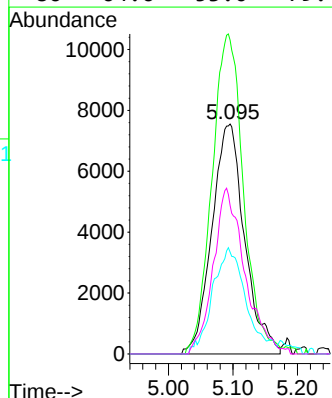
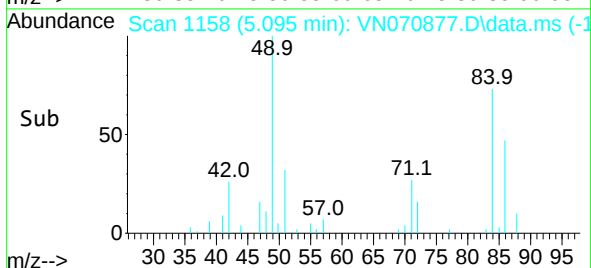
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

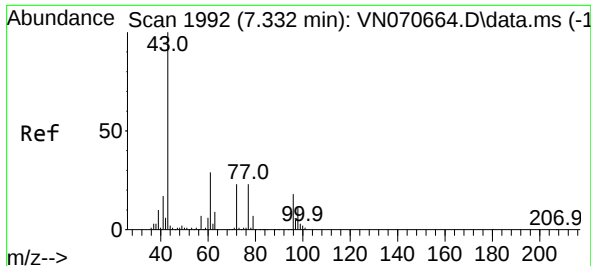


#20
Methylene Chloride
Concen: 1.611 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46



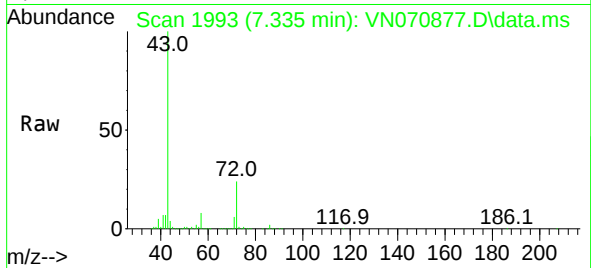
Tgt Ion: 84 Resp: 26558
Ion Ratio Lower Upper
84 100
49 136.5 93.5 140.3
51 44.3 29.4 44.2#
86 64.6 53.0 79.4





#25
2-Butanone
Concen: 516.196 ug/l
RT: 7.335 min Scan# 1992
Delta R.T. 0.003 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

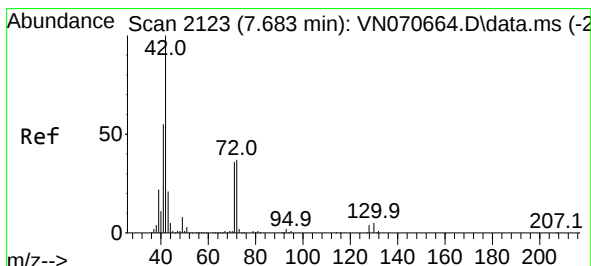
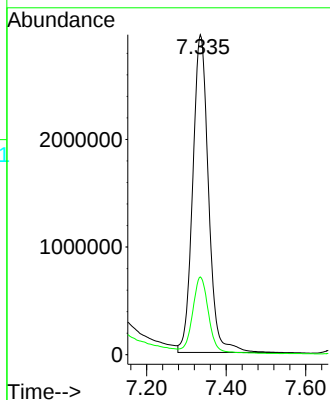
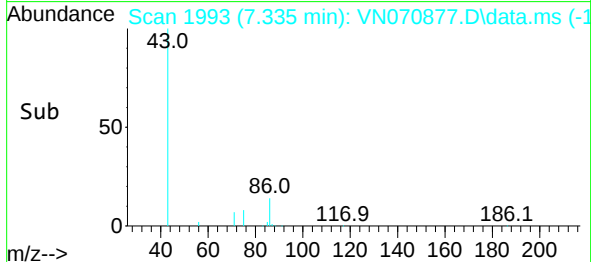
Instrument :
MSVOA_N
ClientSampleId :
31526



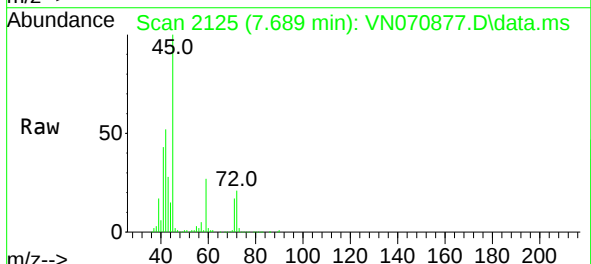
Tgt Ion: 43 Resp: 8130529
Ion Ratio Lower Upper
43 100
72 24.1 21.7 32.5

Manual Integrations
APPROVED

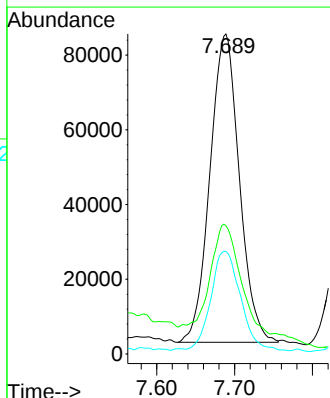
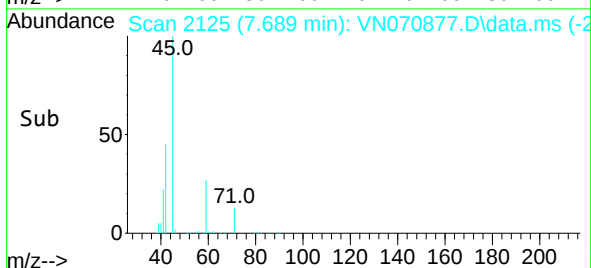
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

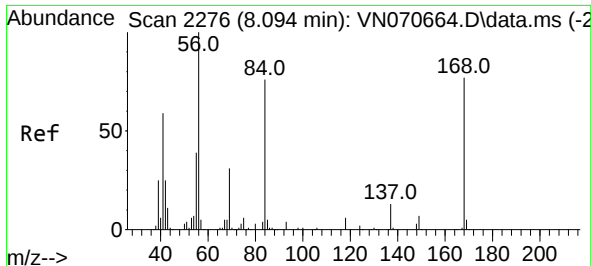


#29
Tetrahydrofuran
Concen: 22.431 ug/l
RT: 7.689 min Scan# 2125
Delta R.T. 0.006 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46



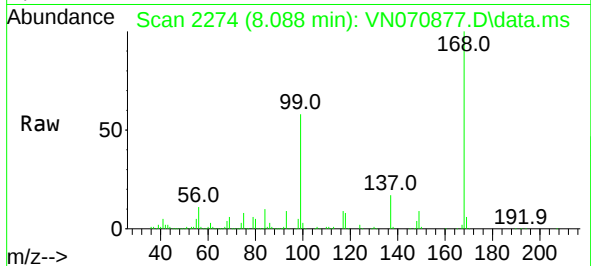
Tgt Ion: 42 Resp: 216329
Ion Ratio Lower Upper
42 100
72 35.1 36.3 54.5#
71 32.4 34.7 52.1#





#31
Cyclohexane
Concen: 4.718 ug/l m
RT: 8.088 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

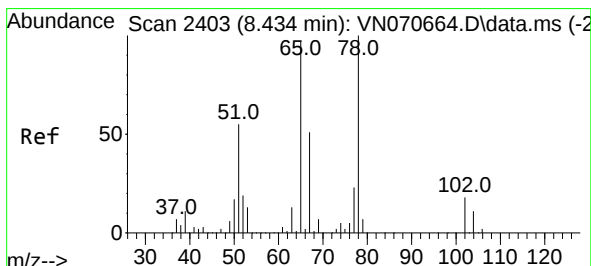
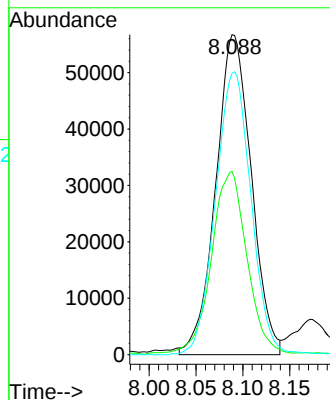
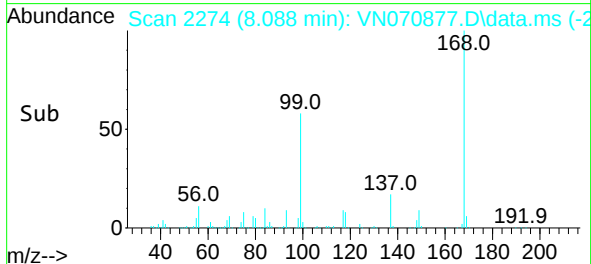
Instrument :
MSVOA_N
ClientSampleId :
31526



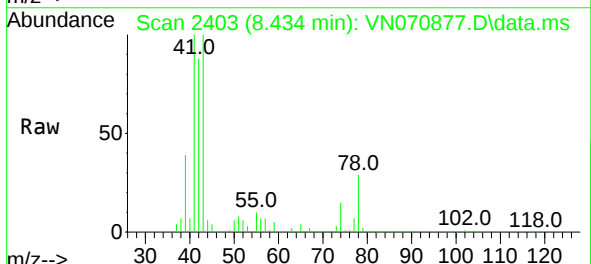
Tgt Ion: 56 Resp: 149832
Ion Ratio Lower Upper
56 100
69 57.2 27.1 40.7
84 88.0 73.4 110.0

Manual Integrations
APPROVED

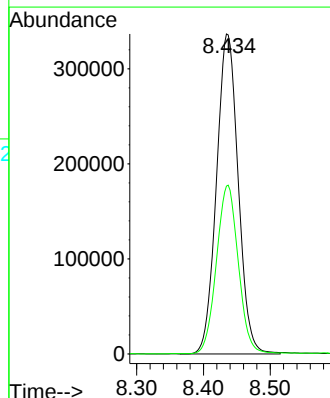
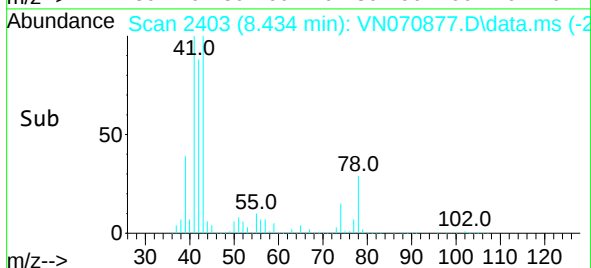
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

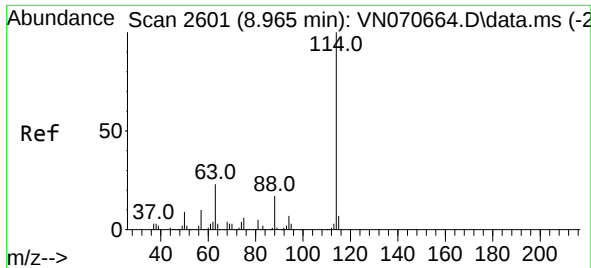


#33
1,2-Dichloroethane-d4
Concen: 42.175 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. 0.000 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46



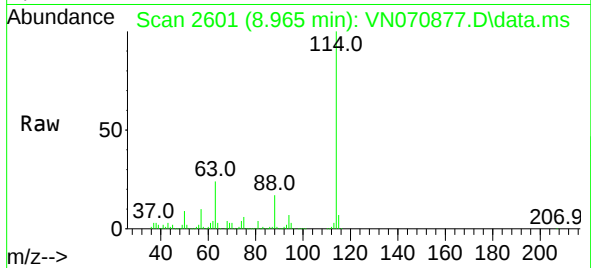
Tgt Ion: 65 Resp: 760606
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

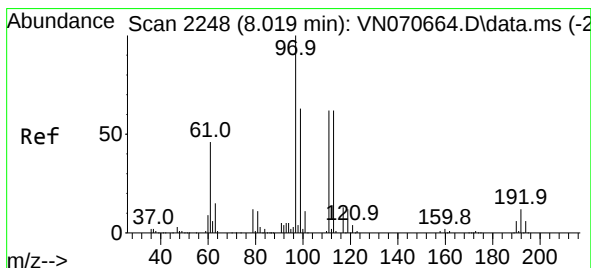
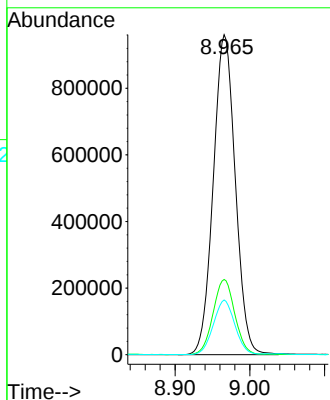
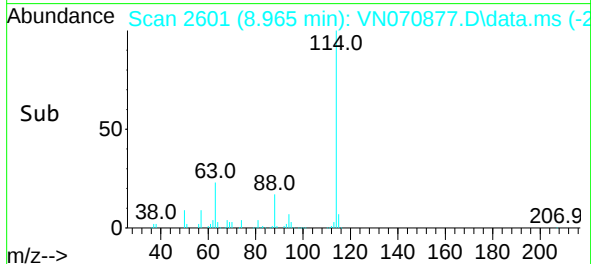
Instrument :
MSVOA_N
ClientSampleId :
31526



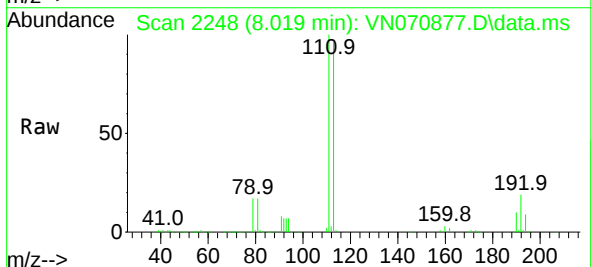
Tgt Ion:114 Resp: 1965369
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 17.1 0.0 27.4

Manual Integrations
APPROVED

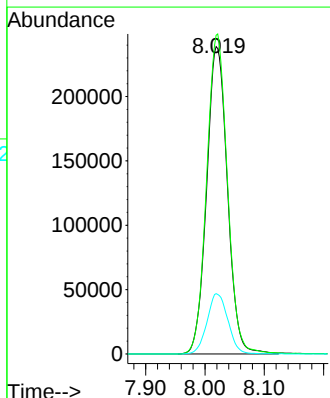
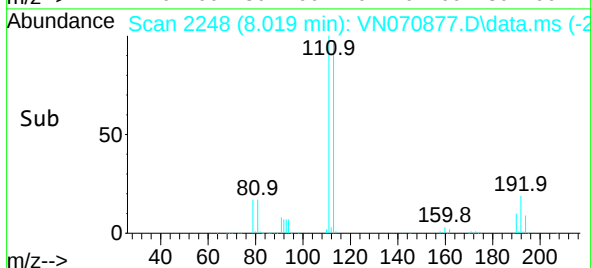
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

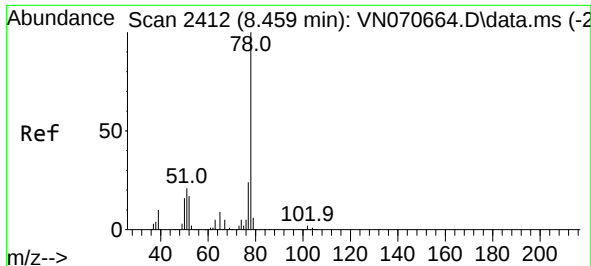


#35
Dibromofluoromethane
Concen: 47.750 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.000 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46



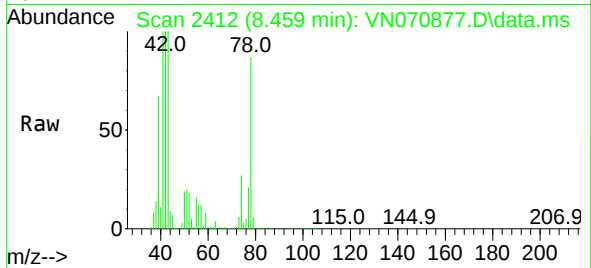
Tgt Ion:113 Resp: 582132
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 19.6 16.9 25.3





#40
Benzene
Concen: 275.575 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. -0.000 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

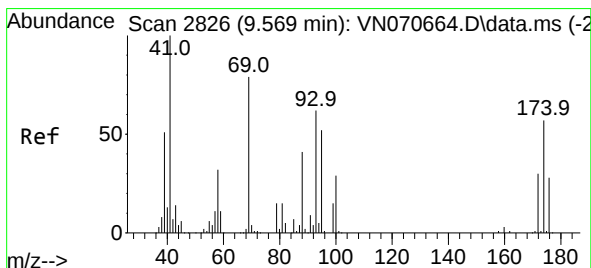
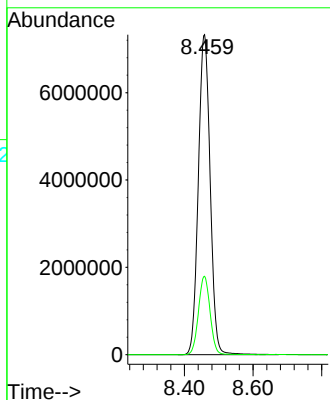
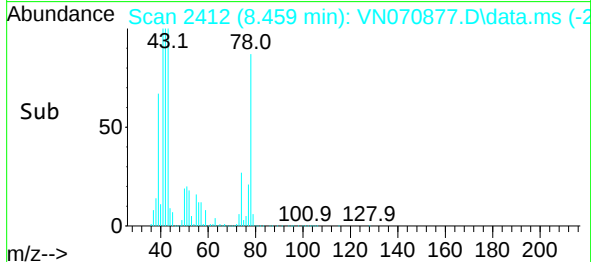
Instrument :
MSVOA_N
ClientSampleId :
31526



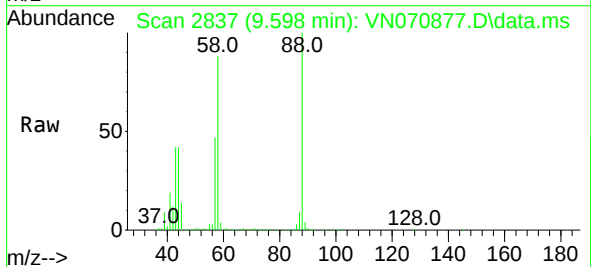
Tgt Ion: 78 Resp:17524814
Ion Ratio Lower Upper
78 100
77 24.5 18.6 27.8

Manual Integrations
APPROVED

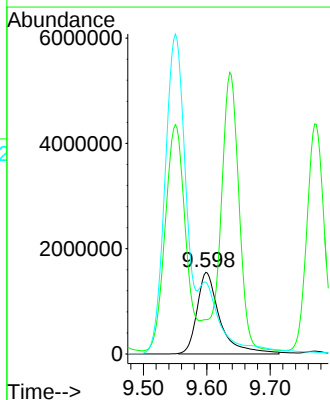
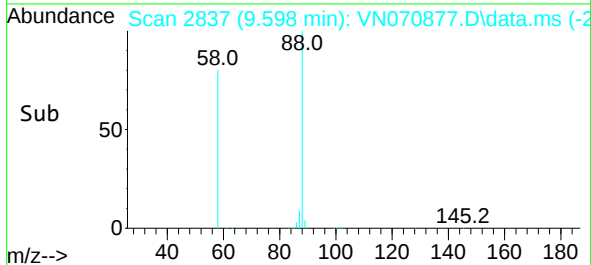
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

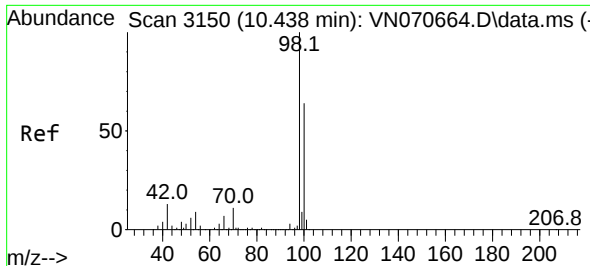


#49
1,4-Dioxane
Concen: 13094.237 ug/l m
RT: 9.598 min Scan# 2837
Delta R.T. 0.029 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46



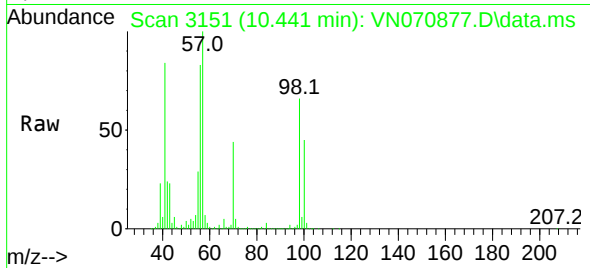
Tgt Ion: 88 Resp: 3899690
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#





#50
Toluene-d8
Concen: 45.898 ug/l
RT: 10.441 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

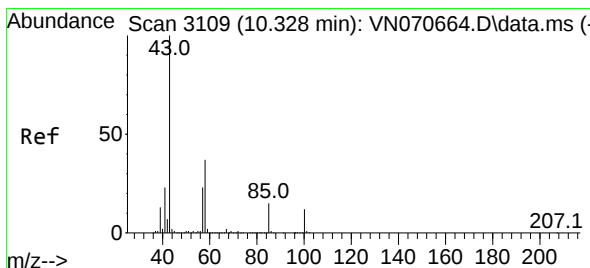
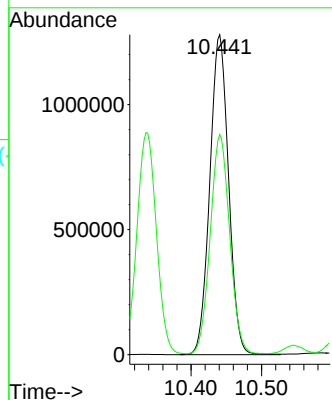
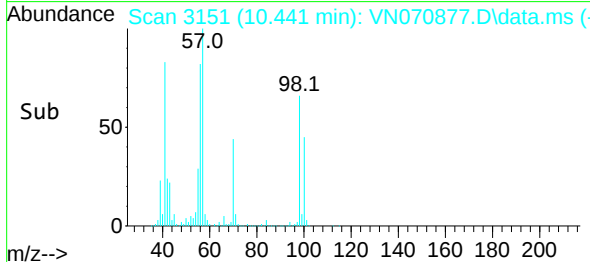
Instrument :
MSVOA_N
ClientSampleId :
31526



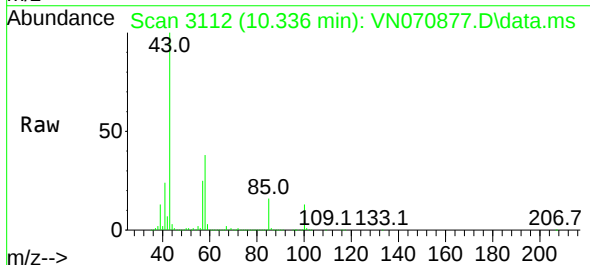
Tgt Ion: 98 Resp: 2357240
Ion Ratio Lower Upper
98 100
100 71.9 50.4 75.6

Manual Integrations
APPROVED

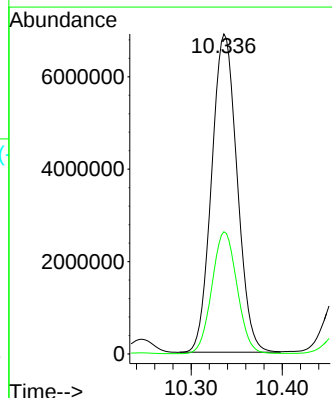
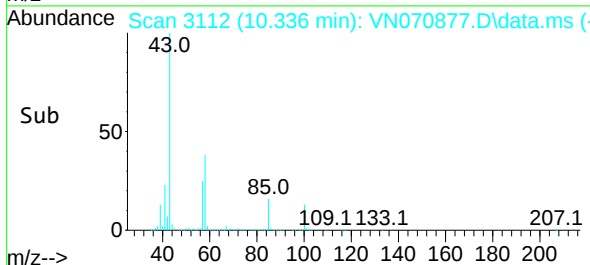
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

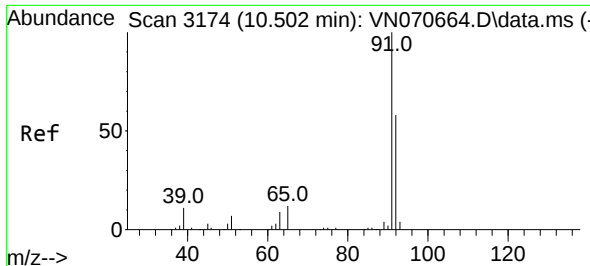


#51
4-Methyl-2-Pentanone
Concen: 504.295 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.008 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46



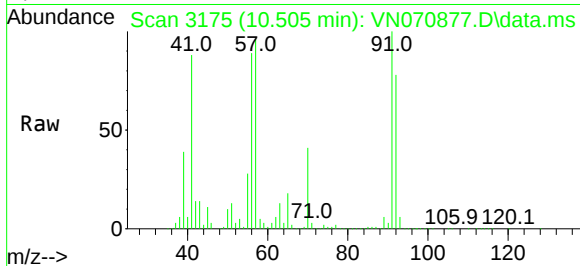
Tgt Ion: 43 Resp:13392180
Ion Ratio Lower Upper
43 100
58 37.8 30.4 45.6





#52
Toluene
Concen: 327.272 ug/l
RT: 10.505 min Scan# 3174
Delta R.T. 0.003 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

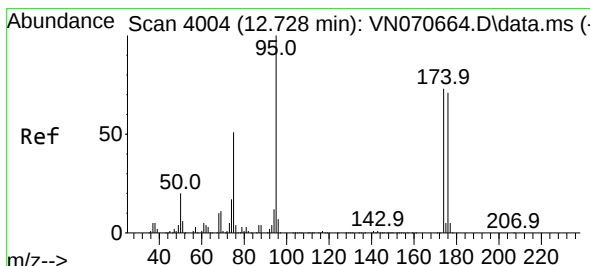
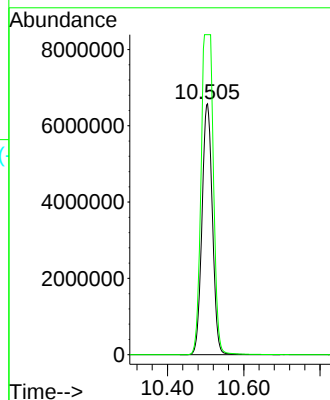
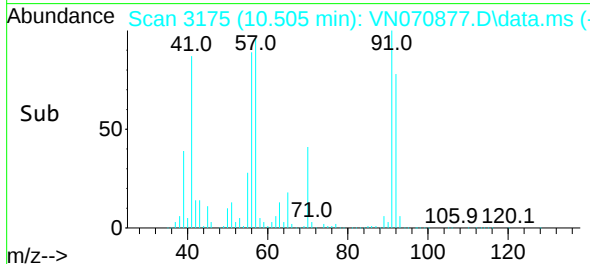
Instrument :
MSVOA_N
ClientSampleId :
31526



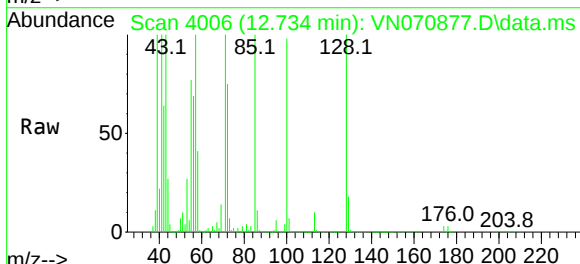
Tgt Ion: 92 Resp:1244943
Ion Ratio Lower Upper
92 100
91 0.0 142.0 213.0

Manual Integrations
APPROVED

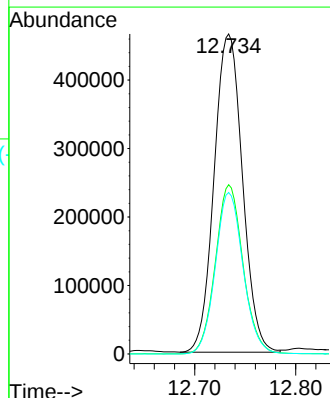
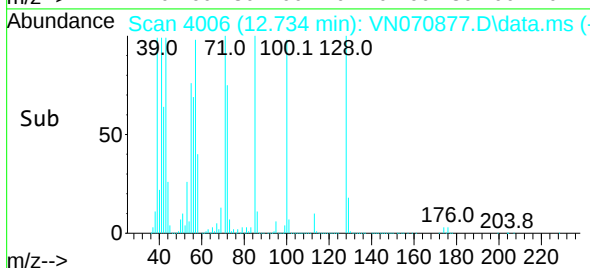
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

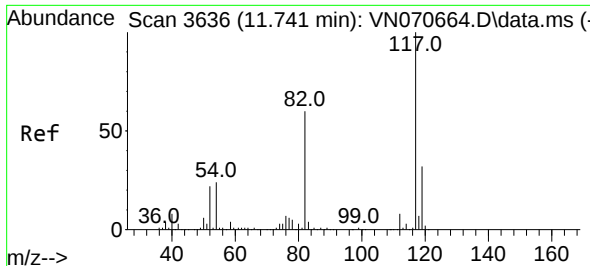


#62
4-Bromofluorobenzene
Concen: 49.429 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.006 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46



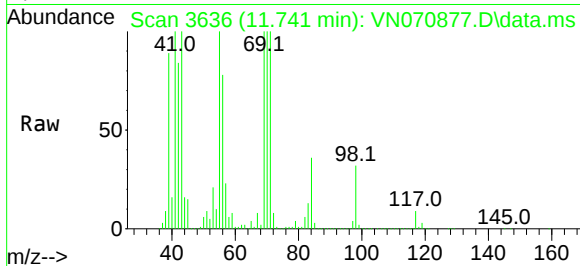
Tgt Ion: 95 Resp: 904611
Ion Ratio Lower Upper
95 100
174 52.0 0.0 187.2
176 49.9 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. 0.000 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

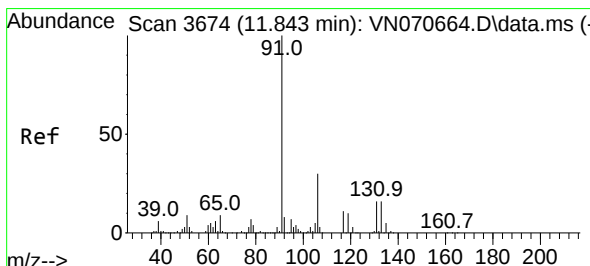
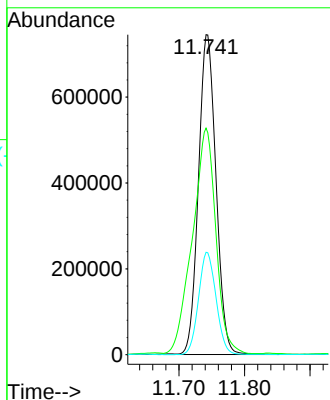
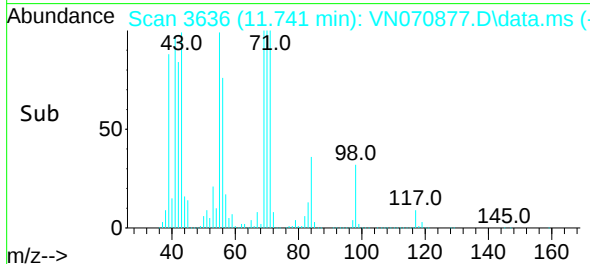
Instrument :
MSVOA_N
ClientSampleId :
31526



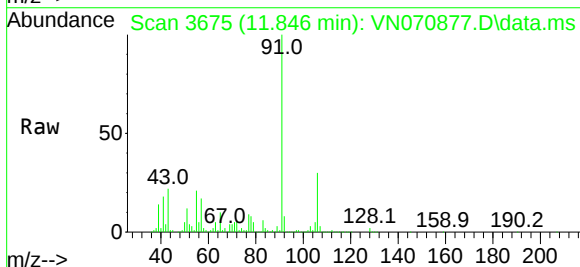
Tgt Ion:117 Resp: 1381150
Ion Ratio Lower Upper
117 100
82 70.5 42.4 63.6
119 32.0 25.4 38.2

Manual Integrations
APPROVED

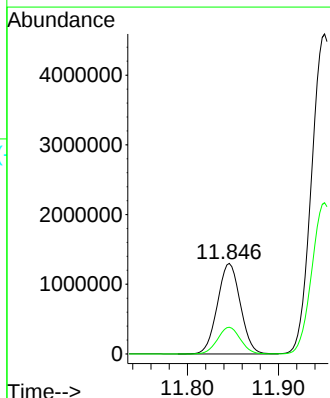
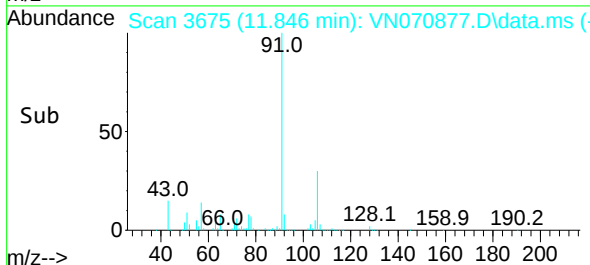
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

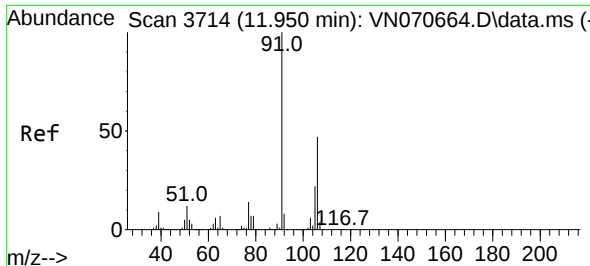


#67
Ethyl Benzene
Concen: 40.827 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46



Tgt Ion: 91 Resp: 2265102
Ion Ratio Lower Upper
91 100
106 29.6 25.7 38.5





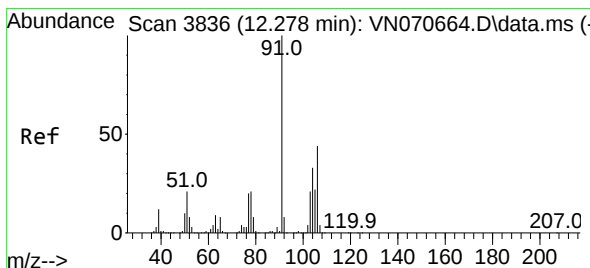
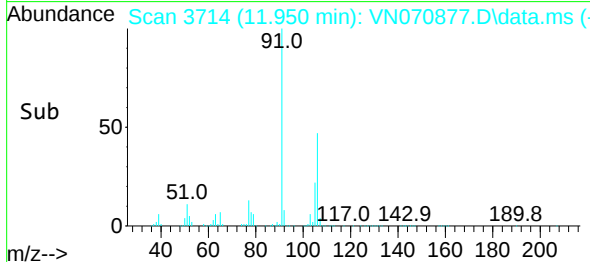
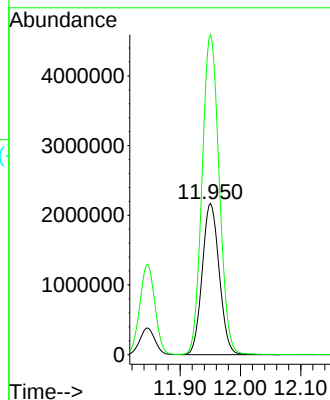
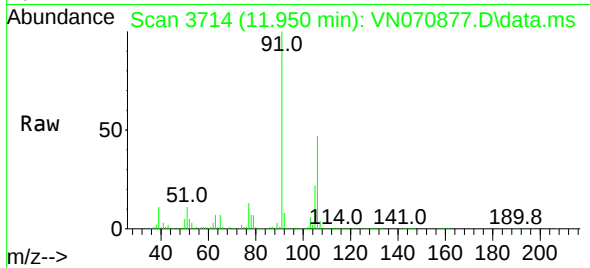
#68
m/p-Xylenes
Concen: 210.784 ug/l
RT: 11.950 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

Instrument :
MSVOA_N
ClientSampleId :
31526

Tgt Ion:106 Resp: 4254259
Ion Ratio Lower Upper
106 100
91 213.3 160.6 240.8

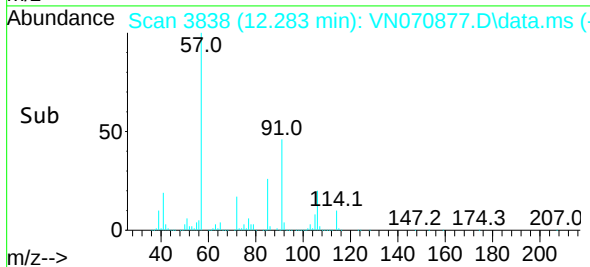
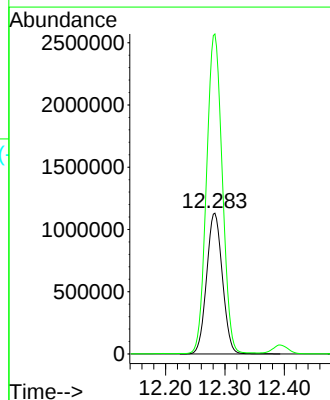
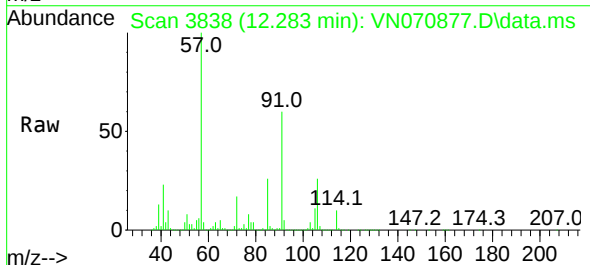
Manual Integrations
APPROVED

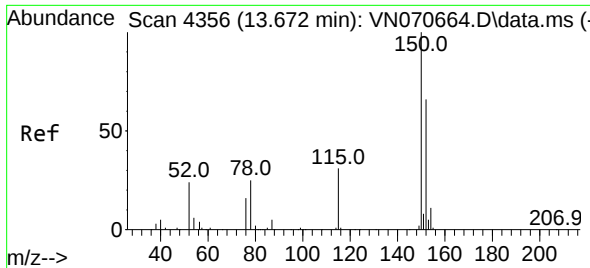
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#69
o-Xylene
Concen: 103.764 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.005 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

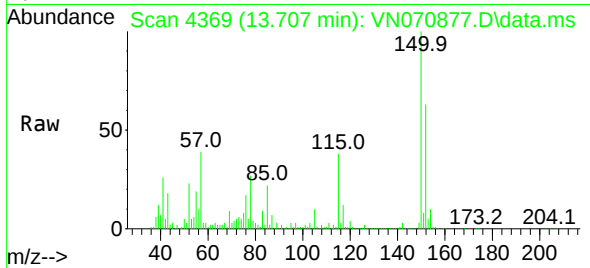
Tgt Ion:106 Resp: 2078329
Ion Ratio Lower Upper
106 100
91 227.4 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.707 min Scan# 41
Delta R.T. 0.035 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

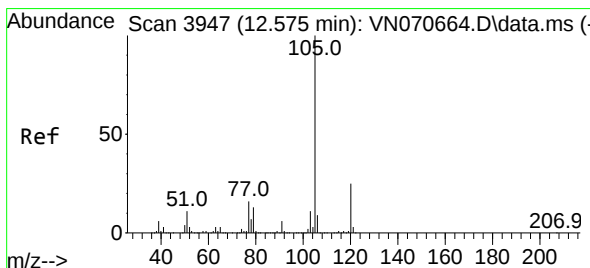
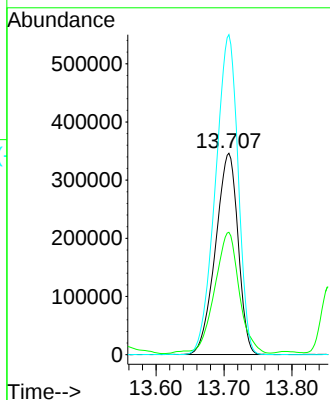
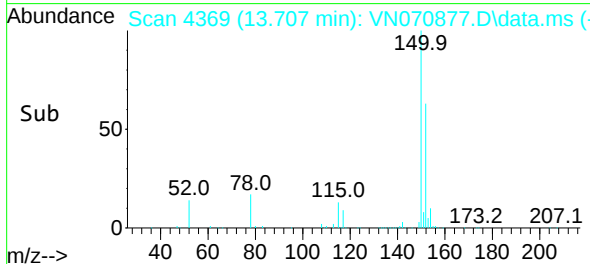
Instrument :
MSVOA_N
ClientSampleId :
31526



Tgt Ion:152 Resp: 79839
Ion Ratio Lower Upper
152 100
115 66.1 27.5 82.5
150 159.8 0.0 344.4

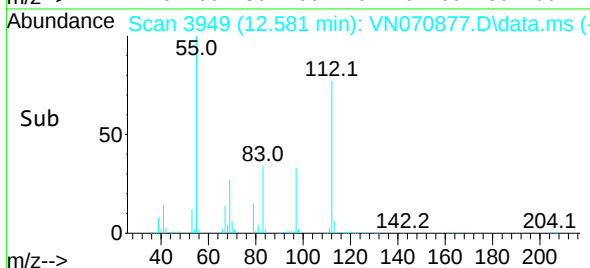
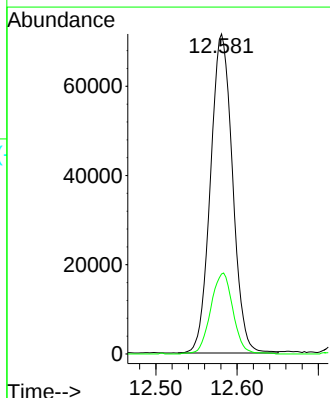
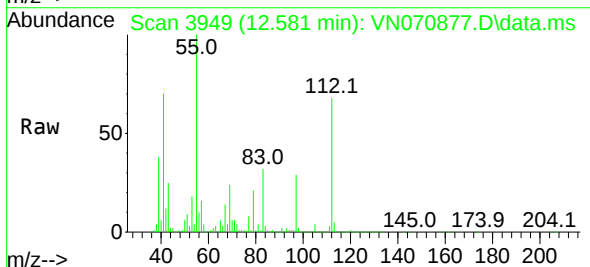
Manual Integrations
APPROVED

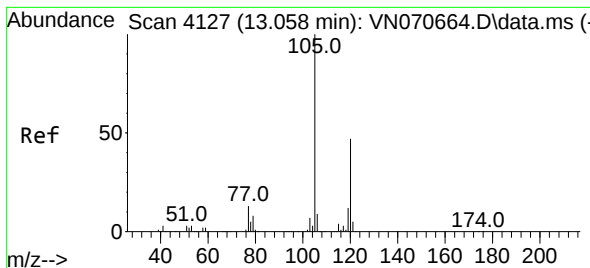
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#73
Isopropylbenzene
Concen: 1.786 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.006 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

Tgt Ion:105 Resp: 134895
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1





#80

1,3,5-Trimethylbenzene

Concen: 7.251 ug/l

RT: 13.066 min Scan# 41

Delta R.T. 0.008 min

Lab File: VN070877.D

Acq: 1 Feb 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

31526

Tgt Ion:105 Resp: 44292

Ion Ratio Lower Upper

105 100

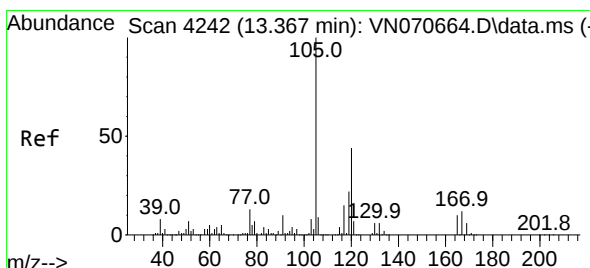
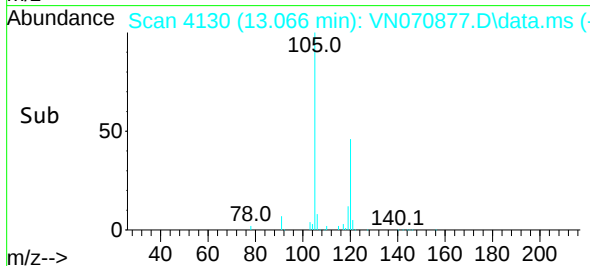
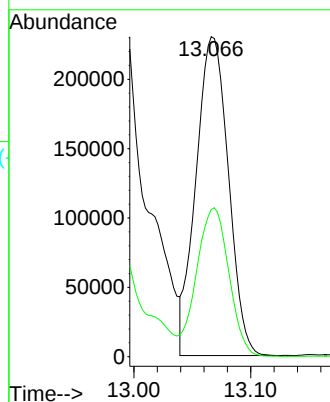
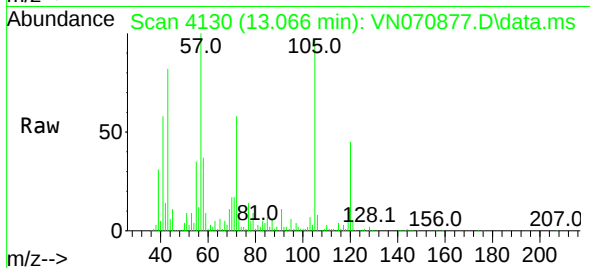
120 47.1 24.6 73.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/02/2022

Supervised By :Mahesh Dadoda 02/07/2022



#84

1,2,4-Trimethylbenzene

Concen: 50.770 ug/l m

RT: 13.396 min Scan# 4253

Delta R.T. 0.029 min

Lab File: VN070877.D

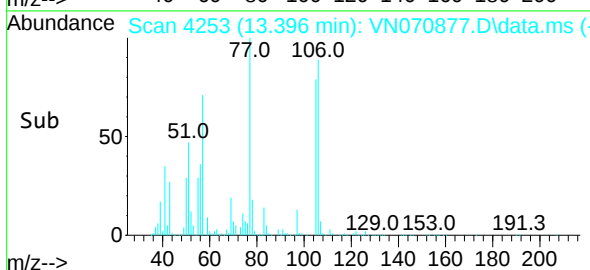
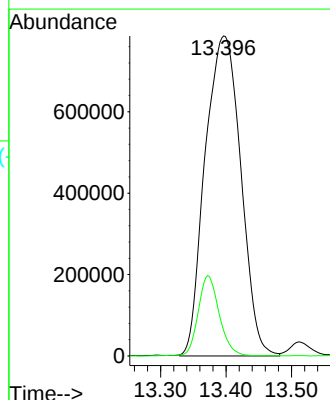
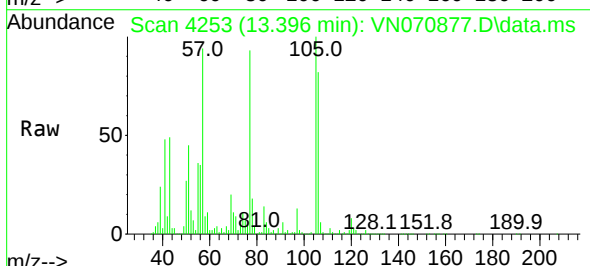
Acq: 1 Feb 2022 17:46

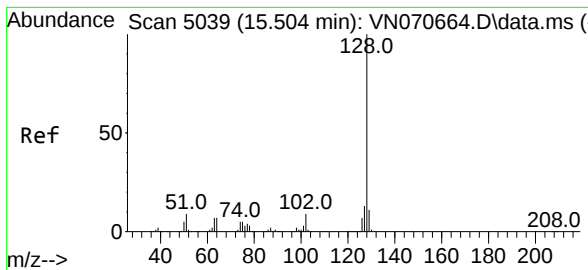
Tgt Ion:105 Resp: 2980870

Ion Ratio Lower Upper

105 100

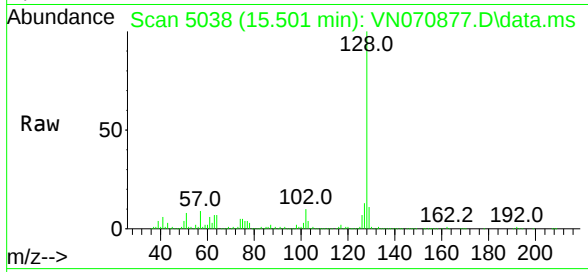
120 1.9 22.8 68.4#





#95
Naphthalene
Concen: 63.043 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.003 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

Instrument :
MSVOA_N
ClientSampleId :
31526



Tgt Ion:128 Resp: 2669323
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 13.6 8.7 13.1

Manual Integrations
APPROVED

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

