

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012822\
 Data File : VN070827.D
 Acq On : 28 Jan 2022 14:29
 Operator : JC/MD
 Sample : N1224-03
 Misc : 7.23g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AREA-2-B-3@7-B6S

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2022
 Supervised By : Mahesh Dadoda 01/31/2022

Quant Time: Jan 28 23:16:59 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	875784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1379555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1236848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	683777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	582435	46.404	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.800%		
35) Dibromofluoromethane	8.019	113	380700	44.488	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	88.980%		
50) Toluene-d8	10.440	98	1973509	54.743	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	109.480%		
62) 4-Bromofluorobenzene	12.728	95	807044	62.823	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	125.640%		
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.865	43	29568	1.726	ug/l #	73
39) Methylcyclohexane	9.453	83	1026476	57.716	ug/l #	84
52) Toluene	10.502	92	16539373	619.417	ug/l #	1
67) Ethyl Benzene	11.832	91	21676367m	436.290	ug/l	
68) m/p-Xylenes	11.937	106	26847936m	1485.427	ug/l	
69) o-Xylene	12.280	106	11433207	637.421	ug/l #	1
73) Isopropylbenzene	12.578	105	1424375	22.019	ug/l	98
78) n-propylbenzene	12.919	91	2003869	27.699	ug/l	95
80) 1,3,5-Trimethylbenzene	13.058	105	4159997	79.522	ug/l	96
84) 1,2,4-Trimethylbenzene	13.366	105	11663094	231.944	ug/l	97
85) sec-Butylbenzene	13.501	105	684068	11.050	ug/l #	69
86) p-Isopropyltoluene	13.613	119	678212	13.946	ug/l	94
89) n-Butylbenzene	13.940	91	1085903	27.066	ug/l #	70
95) Naphthalene	15.504	128	2756095	74.986	ug/l	99

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

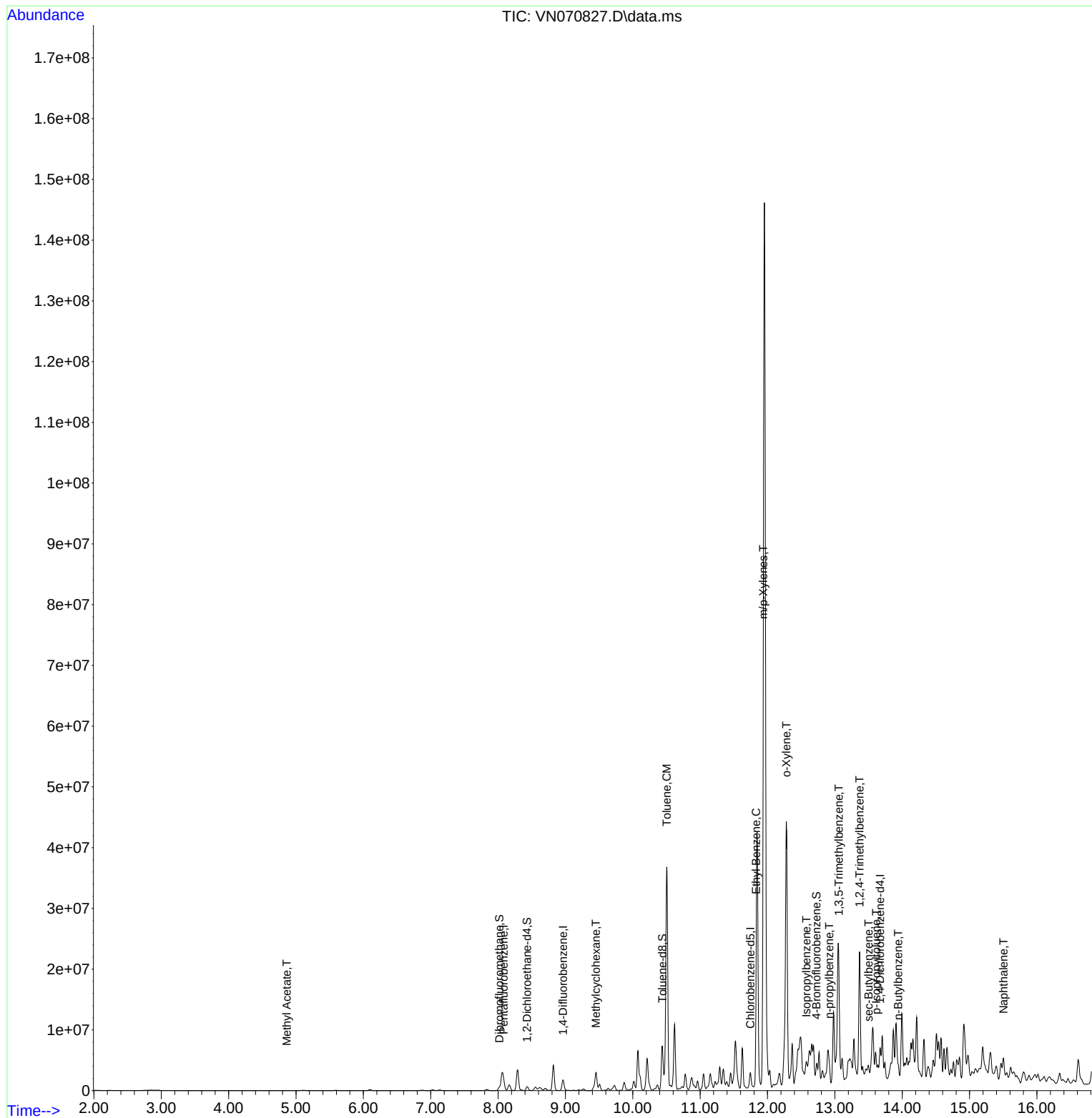
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012822\
Data File : VN070827.D
Acq On : 28 Jan 2022 14:29
Operator : JC/MD
Sample : N1224-03
Misc : 7.23g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 11 Sample Multiplier: 1

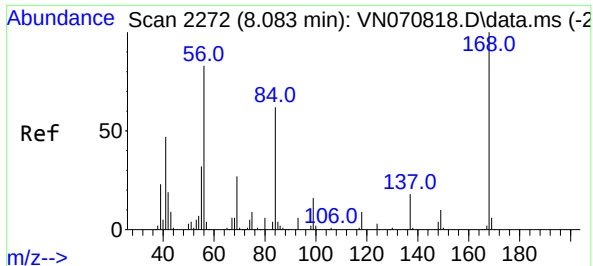
Instrument :
MSVOA_N
ClientSampleId :
AREA-2-B-3@7-B6S

Quant Time: Jan 28 23:16:59 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

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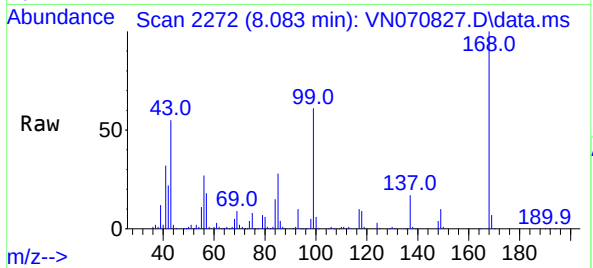
Reviewed By : John Carlone 01/31/2022
Supervised By : Mahesh Dadoda 01/31/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070827.D
Acq: 28 Jan 2022 14:29

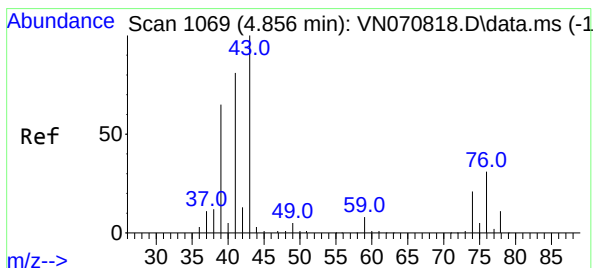
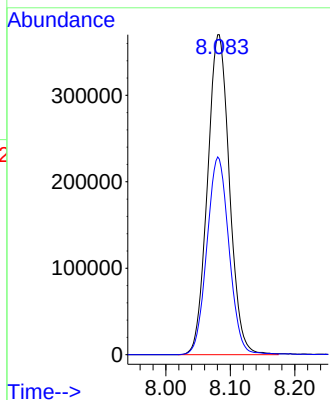
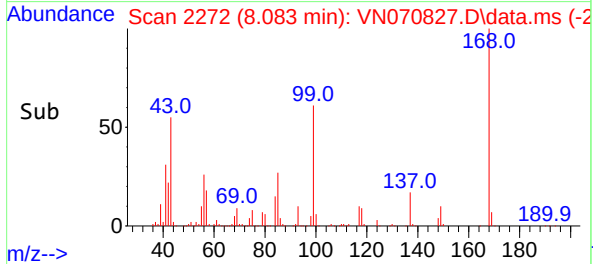
Instrument :
MSVOA_N
ClientSampleId :
AREA-2-B-3@7-B6S



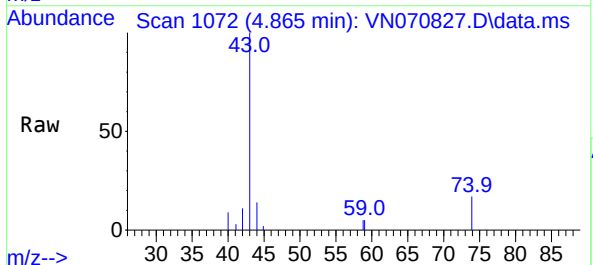
Tgt Ion:168 Resp: 875784
Ion Ratio Lower Upper
168 100
99 61.1 41.3 61.9

Manual Integrations
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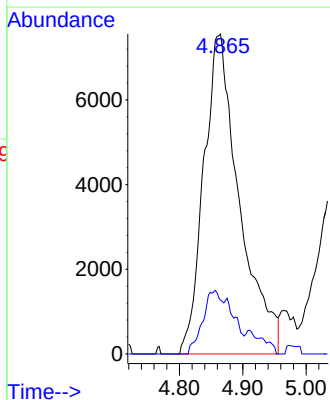
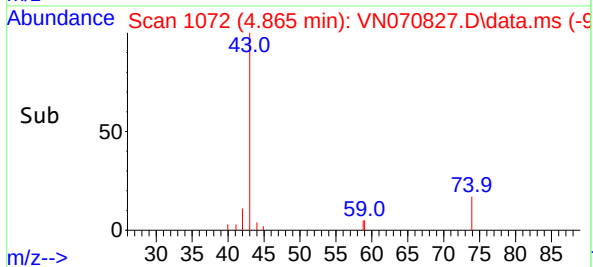
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

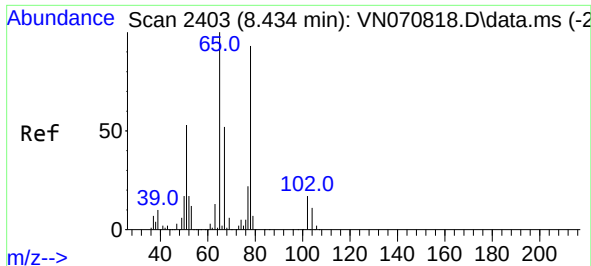


#18
Methyl Acetate
Concen: 1.726 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.011 min
Lab File: VN070827.D
Acq: 28 Jan 2022 14:29



Tgt Ion: 43 Resp: 29568
Ion Ratio Lower Upper
43 100
74 10.8 19.4 29.2#





#33

1,2-Dichloroethane-d4

Concen: 46.404 ug/l

RT: 8.432 min Scan# 2403

Delta R.T. -0.002 min

Lab File: VN070827.D

Acq: 28 Jan 2022 14:29

Instrument :

MSVOA_N

ClientSampleId :

AREA-2-B-3@7-B6S

Tgt Ion: 65 Resp: 582435

Ion Ratio Lower Upper

65 100

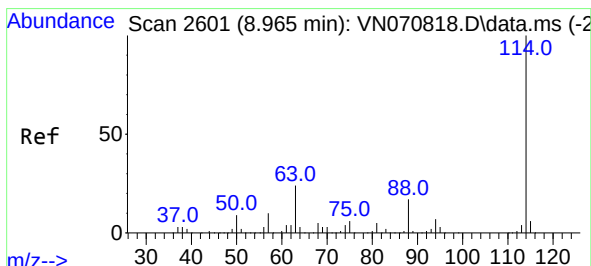
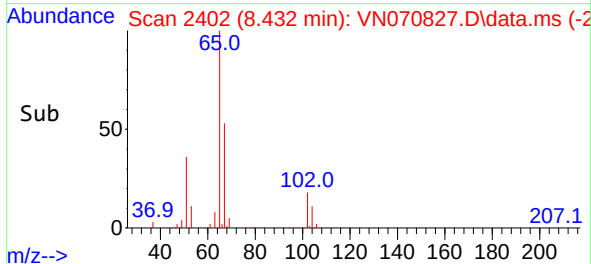
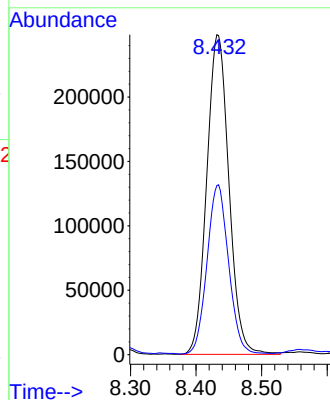
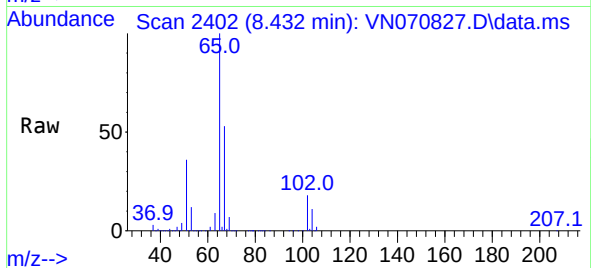
67 51.3 0.0 103.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. 0.000 min

Lab File: VN070827.D

Acq: 28 Jan 2022 14:29

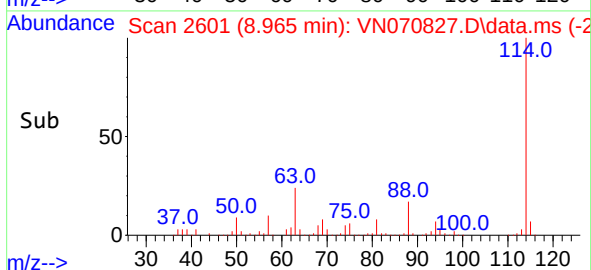
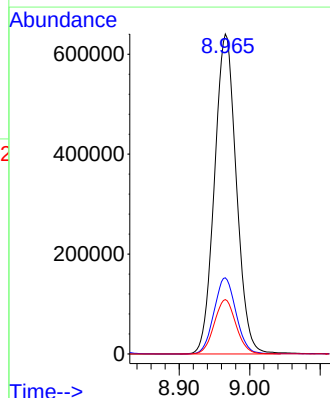
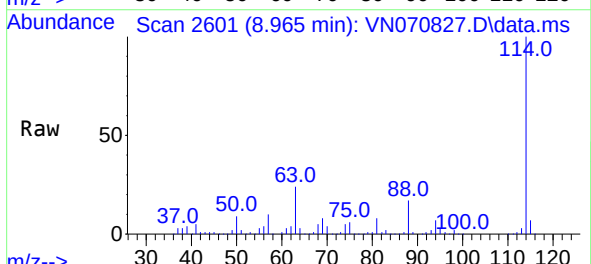
Tgt Ion:114 Resp: 1379555

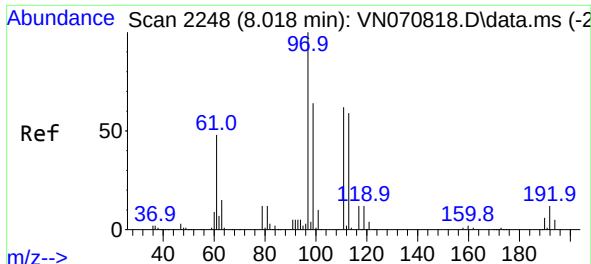
Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

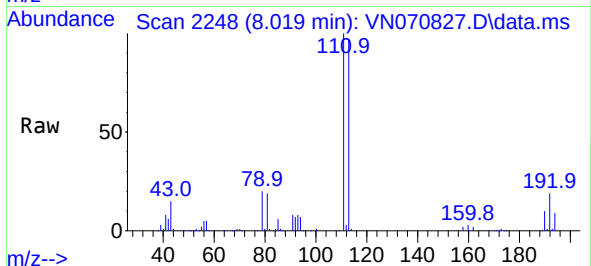
88 17.0 0.0 27.4





#35
Dibromofluoromethane
Concen: 44.488 ug/l
RT: 8.019 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN070827.D
Acq: 28 Jan 2022 14:29

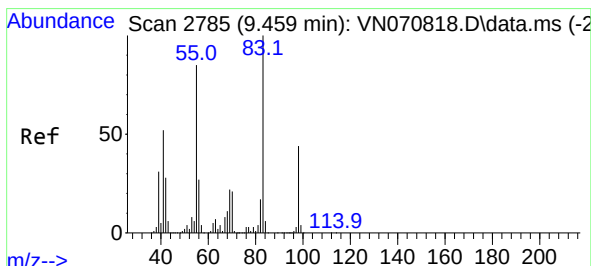
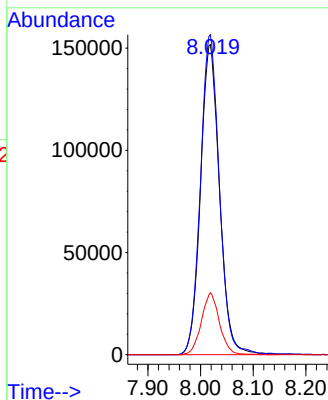
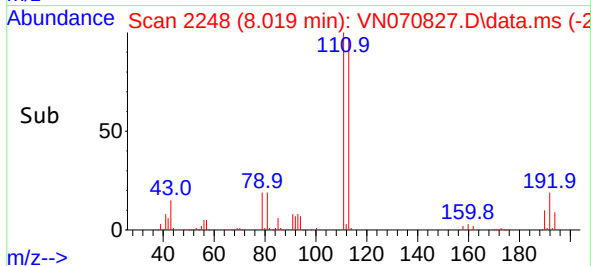
Instrument :
MSVOA_N
ClientSampleId :
AREA-2-B-3@7-B6S



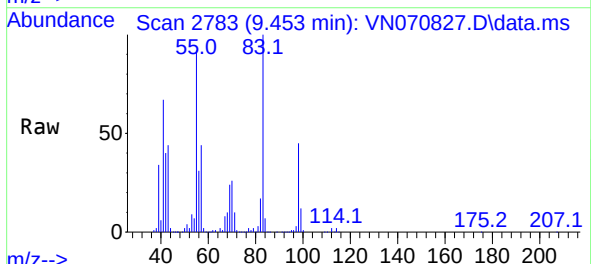
Tgt Ion: 113 Resp: 380700
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 18.9 16.9 25.3

Manual Integrations
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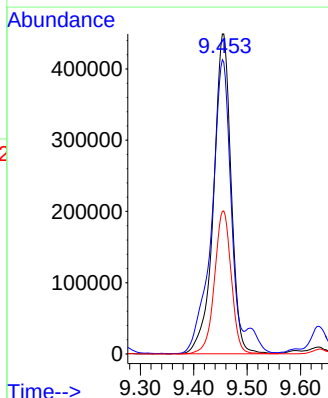
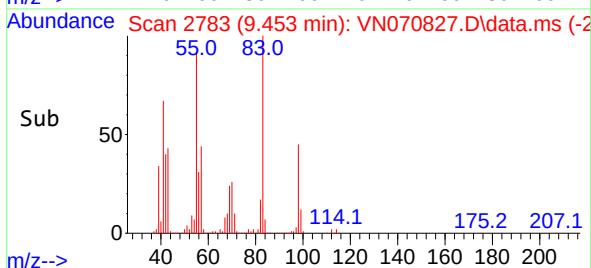
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

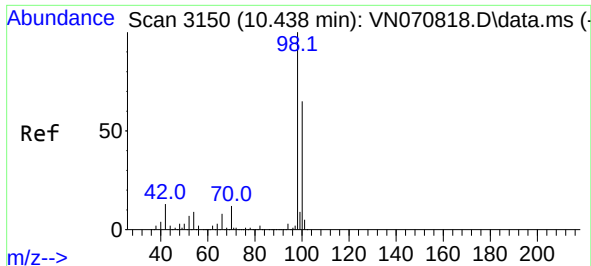


#39
Methylcyclohexane
Concen: 57.716 ug/l
RT: 9.453 min Scan# 2783
Delta R.T. -0.006 min
Lab File: VN070827.D
Acq: 28 Jan 2022 14:29



Tgt Ion: 83 Resp: 1026476
Ion Ratio Lower Upper
83 100
55 91.9 58.1 87.1#
98 44.6 38.4 57.6





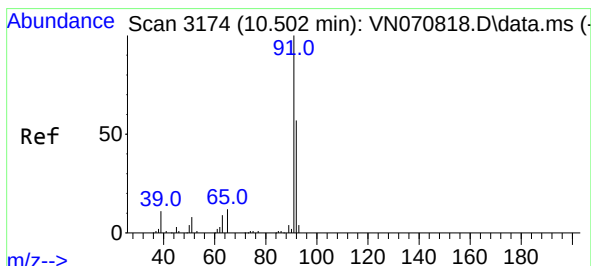
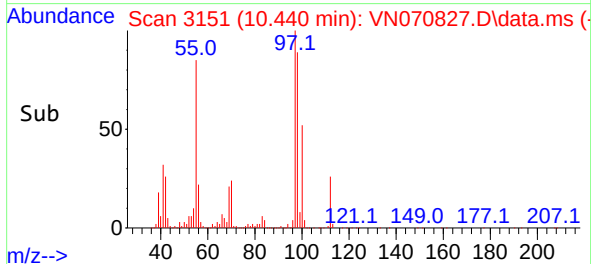
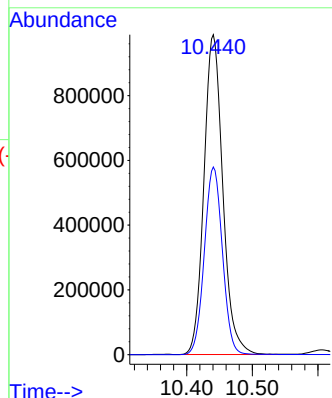
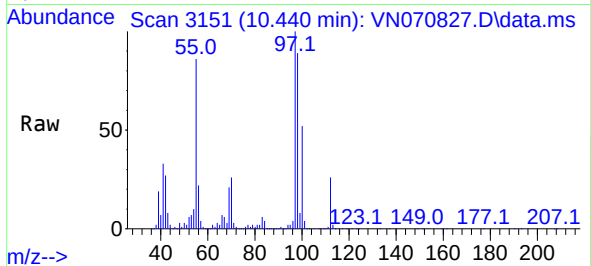
#50
Toluene-d8
Concen: 54.743 ug/l
RT: 10.440 min Scan# 3150
Delta R.T. 0.002 min
Lab File: VN070827.D
Acq: 28 Jan 2022 14:29

Instrument :
MSVOA_N
ClientSampleId :
AREA-2-B-3@7-B6S

Tgt Ion: 98 Resp: 1973509
Ion Ratio Lower Upper
98 100
100 56.2 50.4 75.6

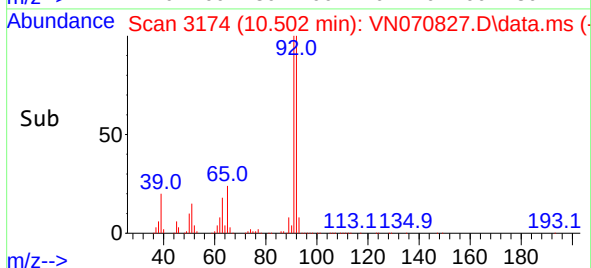
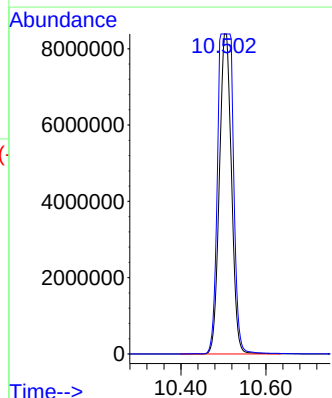
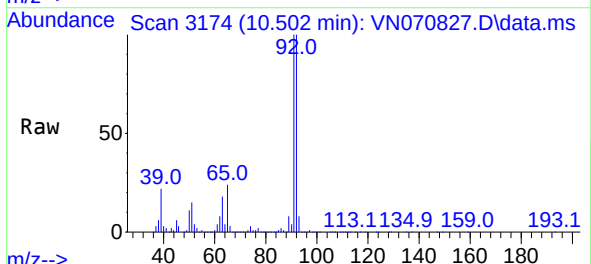
Manual Integrations
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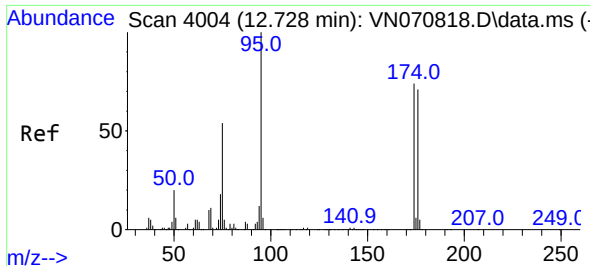
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#52
Toluene
Concen: 619.417 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. 0.000 min
Lab File: VN070827.D
Acq: 28 Jan 2022 14:29

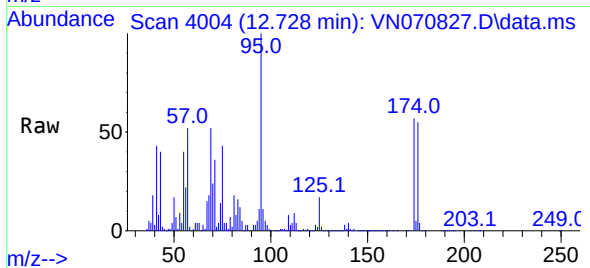
Tgt Ion: 92 Resp:16539373
Ion Ratio Lower Upper
92 100
91 0.0 142.0 213.0#





#62
4-Bromofluorobenzene
Concen: 62.823 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070827.D
Acq: 28 Jan 2022 14:29

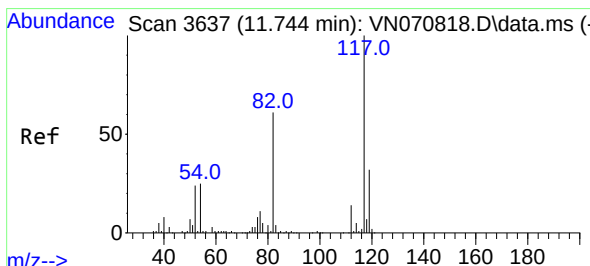
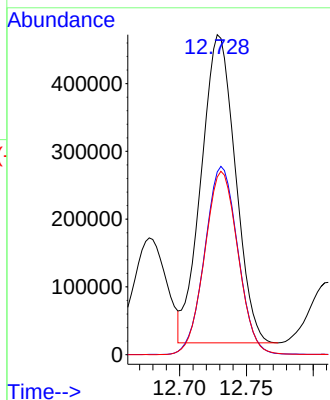
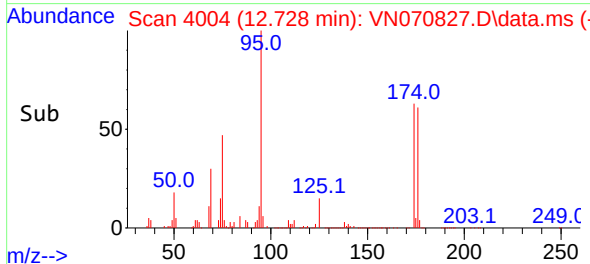
Instrument :
MSVOA_N
ClientSampleId :
AREA-2-B-3@7-B6S



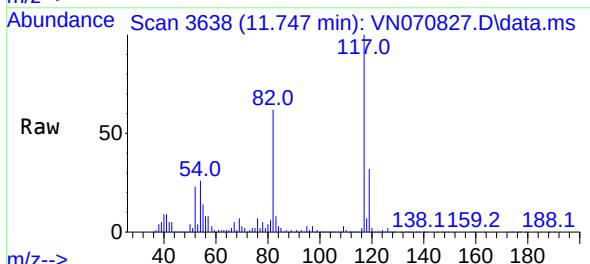
Tgt Ion: 95 Resp: 807044
Ion Ratio Lower Upper
95 100
174 59.4 0.0 187.2
176 58.4 0.0 181.4

Manual Integrations
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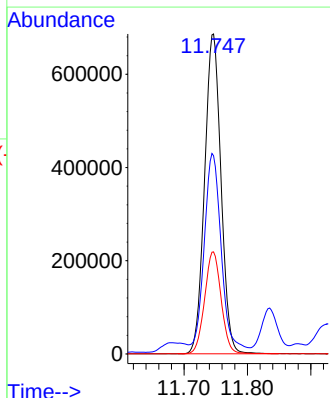
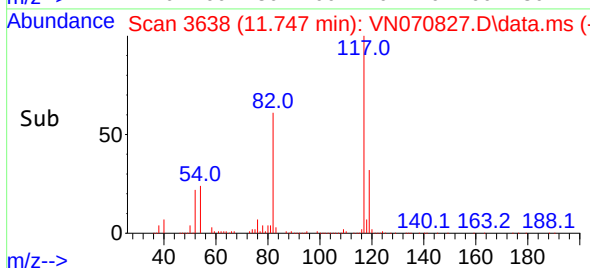
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

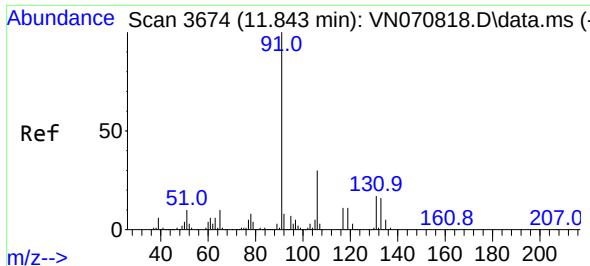


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.006 min
Lab File: VN070827.D
Acq: 28 Jan 2022 14:29



Tgt Ion:117 Resp: 1236848
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 31.8 25.4 38.2





#67

Ethyl Benzene

Concen: 436.290 ug/l m

RT: 11.832 min Scan# 3

Delta R.T. -0.011 min

Lab File: VN070827.D

Acq: 28 Jan 2022 14:29

Instrument :

MSVOA_N

ClientSampleId :

AREA-2-B-3@7-B6S

Tgt Ion: 91 Resp:2167636

Ion Ratio Lower Upper

91 100

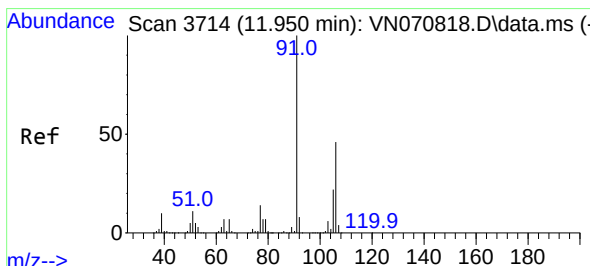
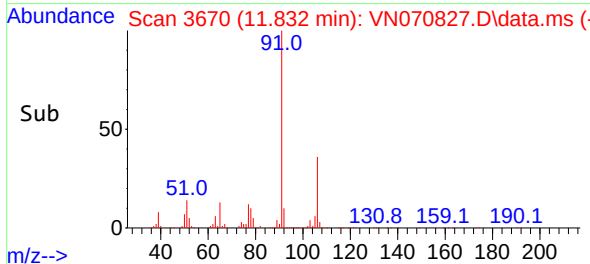
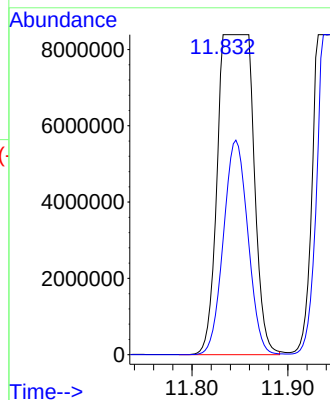
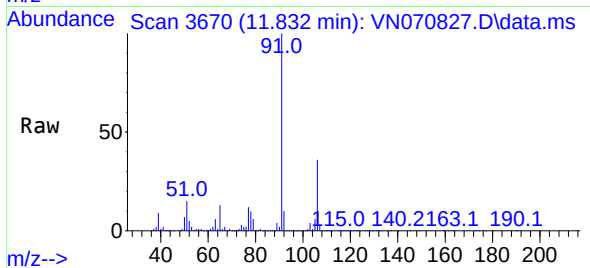
106 35.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2022

Supervised By :Mahesh Dadoda 01/31/2022



#68

m/p-Xylenes

Concen: 1485.427 ug/l m

RT: 11.937 min Scan# 3709

Delta R.T. -0.013 min

Lab File: VN070827.D

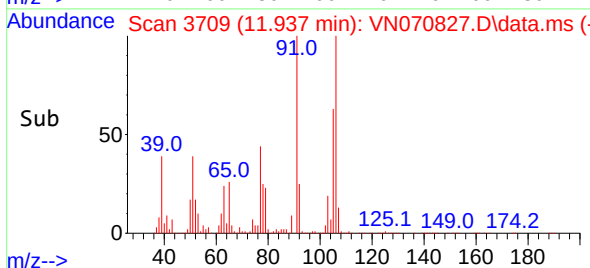
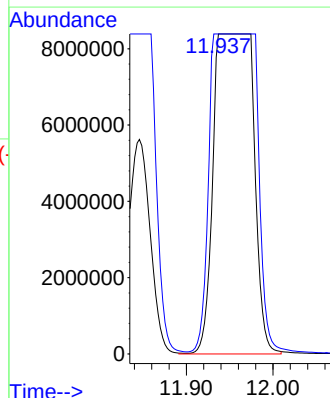
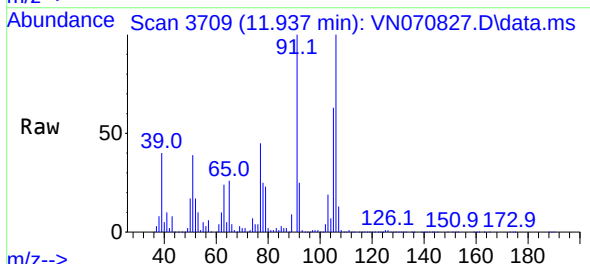
Acq: 28 Jan 2022 14:29

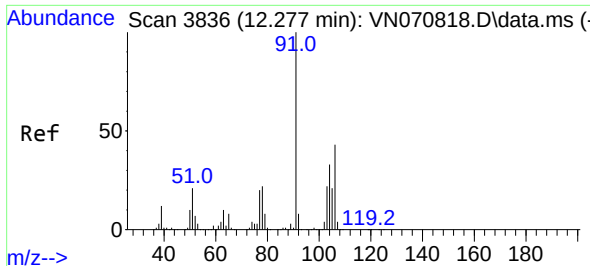
Tgt Ion:106 Resp:26847936

Ion Ratio Lower Upper

106 100

91 0.0 160.6 240.8#





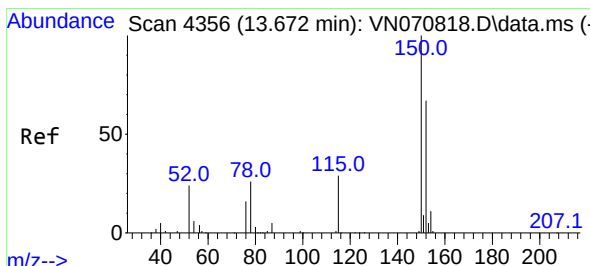
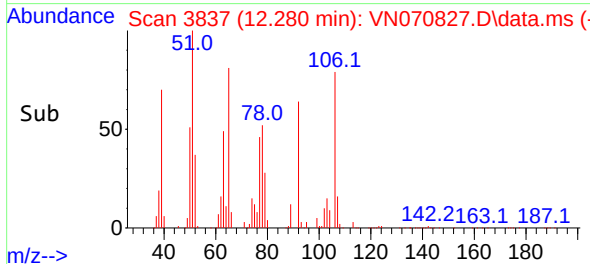
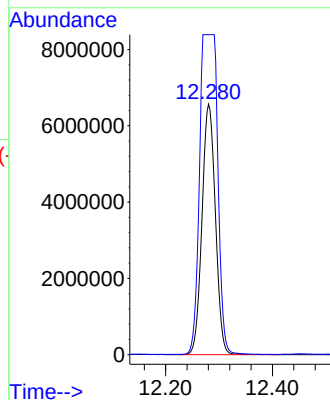
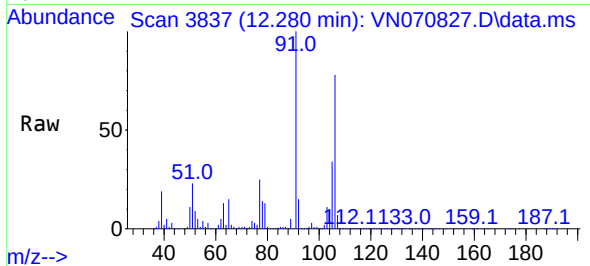
#69
o-Xylene
Concen: 637.421 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070827.D
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Instrument :
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AREA-2-B-3@7-B6S

Tgt Ion:106 Resp:1143320
Ion Ratio Lower Upper
106 100
91 0.0 105.8 317.3

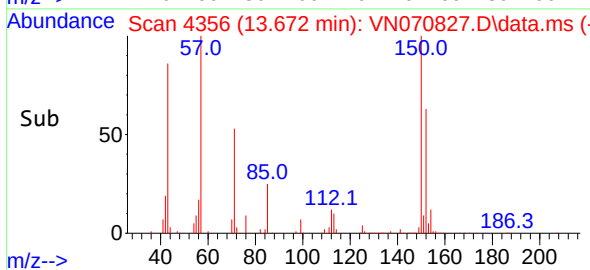
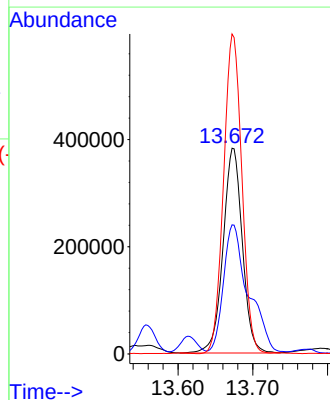
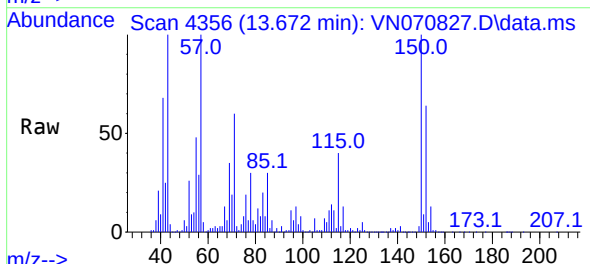
Manual Integrations
APPROVED

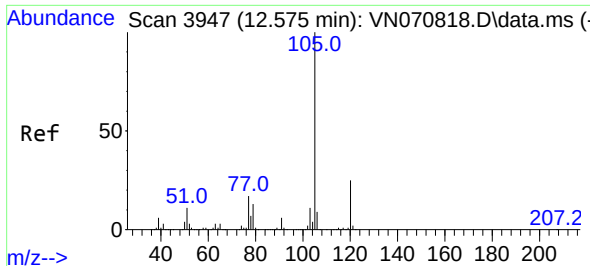
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070827.D
Acq: 28 Jan 2022 14:29

Tgt Ion:152 Resp: 683777
Ion Ratio Lower Upper
152 100
115 80.3 27.5 82.5
150 147.9 0.0 344.4





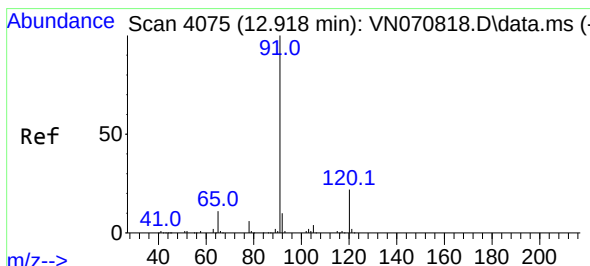
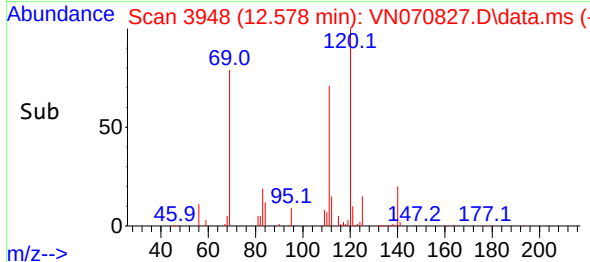
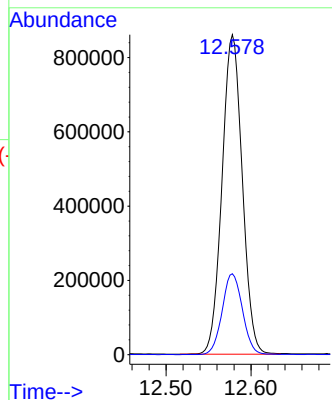
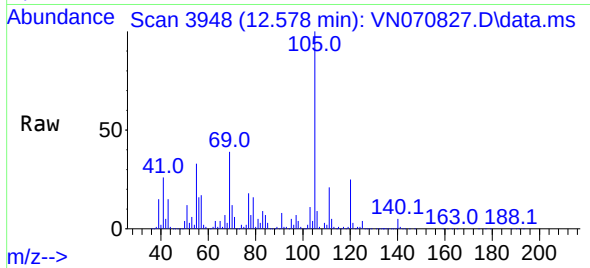
#73
Isopropylbenzene
Concen: 22.019 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. 0.003 min
Lab File: VN070827.D
Acq: 28 Jan 2022 14:29

Instrument :
MSVOA_N
ClientSampleId :
AREA-2-B-3@7-B6S

Tgt Ion:105 Resp: 1424375
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1

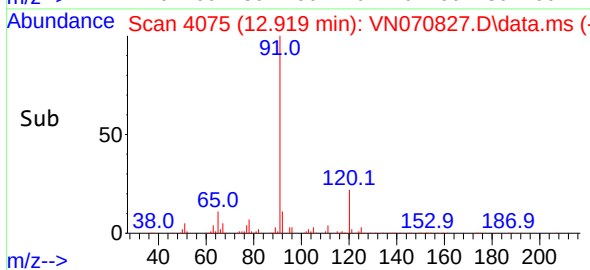
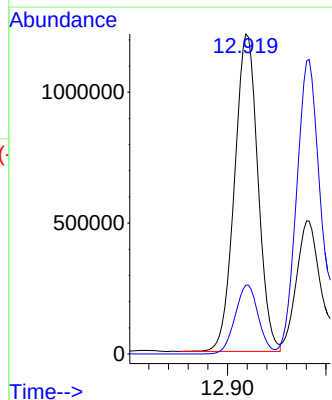
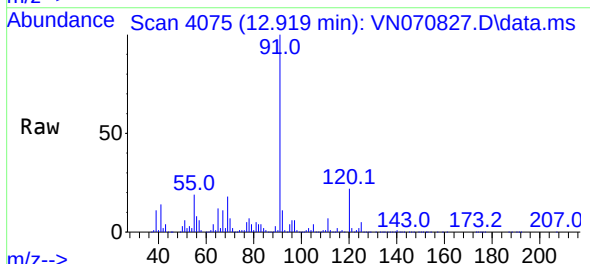
Manual Integrations
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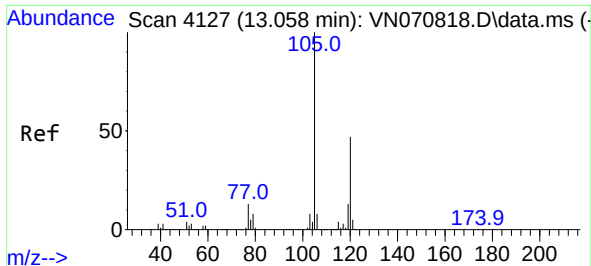
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#78
n-propylbenzene
Concen: 27.699 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070827.D
Acq: 28 Jan 2022 14:29

Tgt Ion: 91 Resp: 2003869
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.9





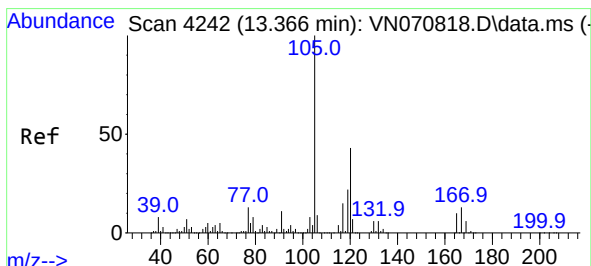
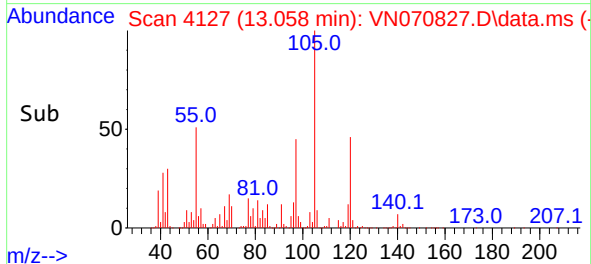
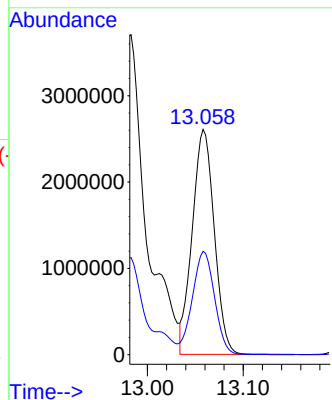
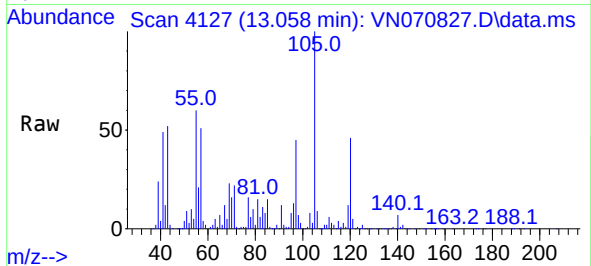
#80
1,3,5-Trimethylbenzene
Concen: 79.522 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070827.D
Acq: 28 Jan 2022 14:29

Instrument :
MSVOA_N
ClientSampleId :
AREA-2-B-3@7-B6S

Tgt Ion:105 Resp: 415999
Ion Ratio Lower Upper
105 100
120 46.5 24.6 73.6

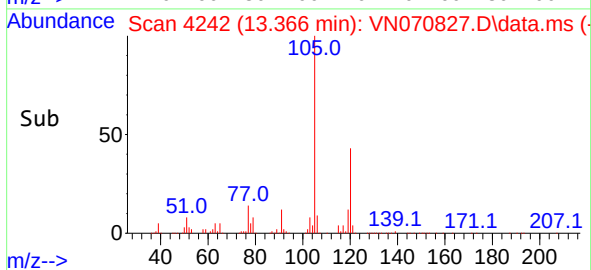
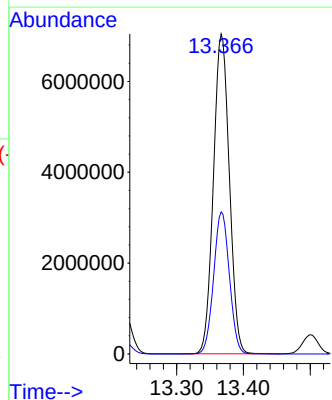
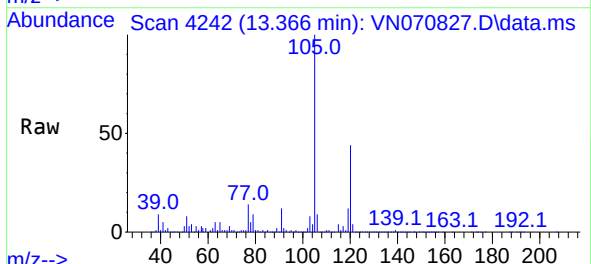
Manual Integrations
APPROVED

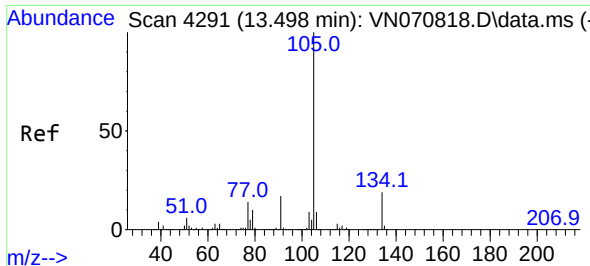
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#84
1,2,4-Trimethylbenzene
Concen: 231.944 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070827.D
Acq: 28 Jan 2022 14:29

Tgt Ion:105 Resp:11663094
Ion Ratio Lower Upper
105 100
120 43.9 22.8 68.4





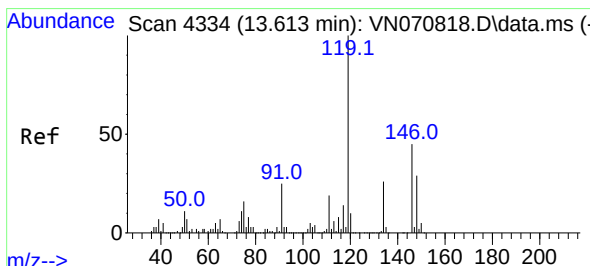
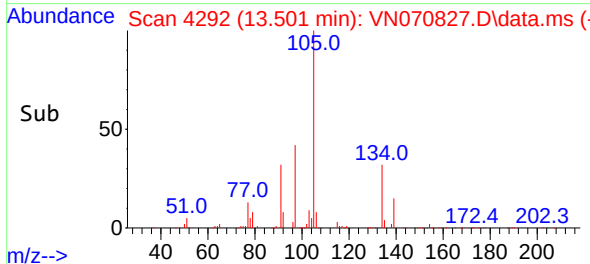
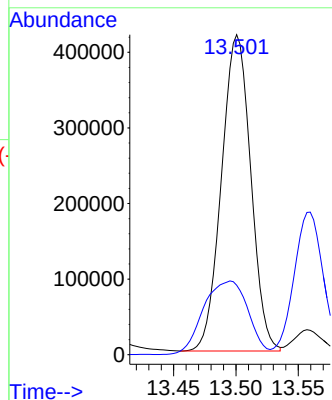
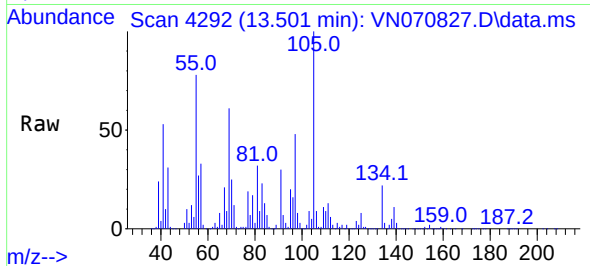
#85
 sec-Butylbenzene
 Concen: 11.050 ug/l
 RT: 13.501 min Scan# 4291
 Delta R.T. 0.003 min
 Lab File: VN070827.D
 Acq: 28 Jan 2022 14:29

Instrument :
 MSVOA_N
 ClientSampleId :
 AREA-2-B-3@7-B6S

Tgt Ion:105 Resp: 68406
 Ion Ratio Lower Upper
 105 100
 134 35.3 10.4 31.1

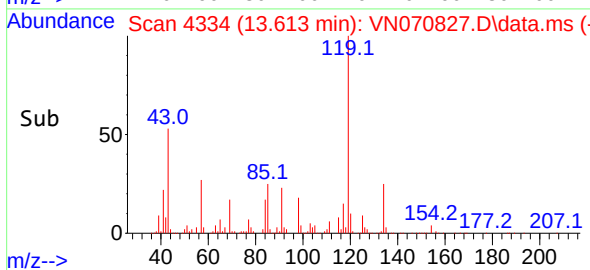
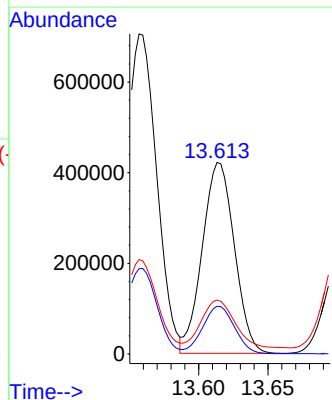
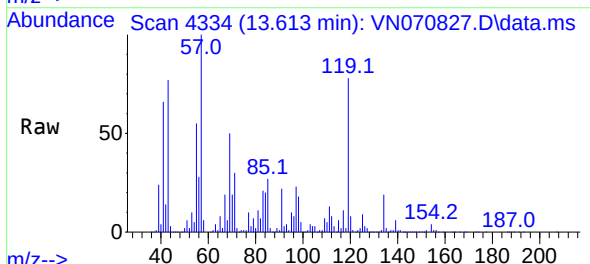
Manual Integrations
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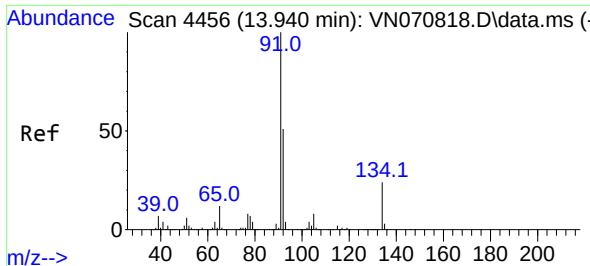
Reviewed By :John Carlone 01/31/2022
 Supervised By :Mahesh Dadoda 01/31/2022



#86
 p-Isopropyltoluene
 Concen: 13.946 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070827.D
 Acq: 28 Jan 2022 14:29

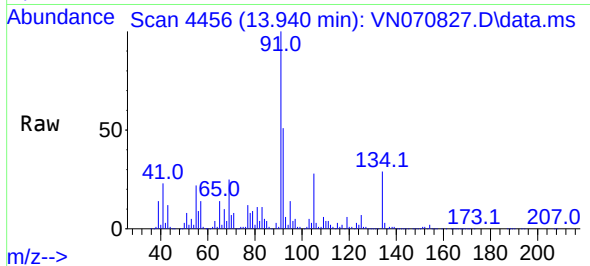
Tgt Ion:119 Resp: 678212
 Ion Ratio Lower Upper
 119 100
 134 24.5 13.6 40.7
 91 26.1 11.4 34.1





#89
n-Butylbenzene
Concen: 27.066 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070827.D
Acq: 28 Jan 2022 14:29

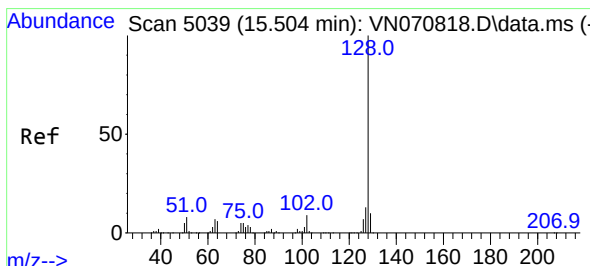
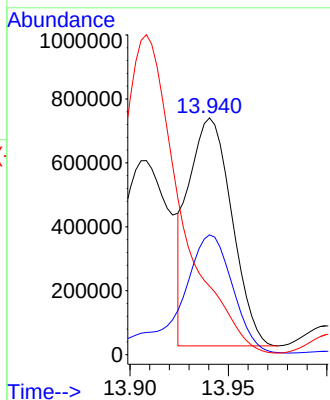
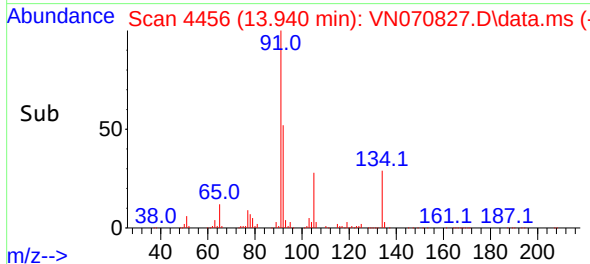
Instrument :
MSVOA_N
ClientSampleId :
AREA-2-B-3@7-B6S



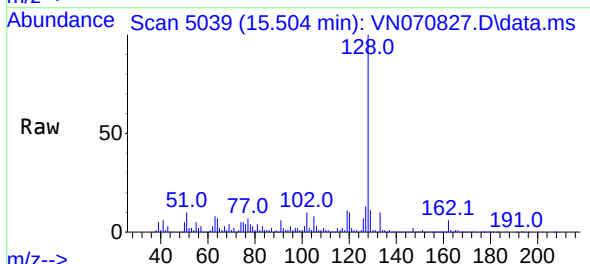
Tgt Ion: 91 Resp: 108590
Ion Ratio Lower Upper
91 100
92 63.4 25.4 76.0
134 0.0 13.6 40.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#95
Naphthalene
Concen: 74.986 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070827.D
Acq: 28 Jan 2022 14:29



Tgt Ion:128 Resp: 2756095
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 11.0 8.7 13.1

