

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
 Data File : VN070628.D
 Acq On : 14 Jan 2022 17:20
 Operator : JC/MD
 Sample : N1141-05
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41172

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/17/2022
 Supervised By : Mahesh Dadoda 01/18/2022

Quant Time: Jan 17 05:40:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.078	168	772845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1270908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1045384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	509950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	665043	59.849	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 119.700%			
35) Dibromofluoromethane	8.016	113	466032	60.605	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 121.220%			
50) Toluene-d8	10.443	98	1793880	57.106	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 114.220%			
62) 4-Bromofluorobenzene	12.733	95	735176	64.798	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 129.600%			
Target Compounds					Qvalue	
16) Acetone	4.304	43	15979637	2215.258	ug/l	97
18) Methyl Acetate	4.862	43	55767	2.673	ug/l	91
19) Methyl tert-butyl Ether	5.623	73	15314m	0.524	ug/l	
25) 2-Butanone	7.351	43	177194	19.509	ug/l	90
30) Chloroform	7.812	83	153261	8.815	ug/l #	66
39) Methylcyclohexane	9.453	83	578636	37.573	ug/l #	86
40) Benzene	8.450	78	12012	0.308	ug/l	92
47) Bromodichloromethane	9.762	83	14167	1.093	ug/l #	83
51) 4-Methyl-2-Pentanone	10.344	43	34652	2.121	ug/l	97
52) Toluene	10.491	92	24075379m	1019.898	ug/l	
67) Ethyl Benzene	11.846	91	134710	3.315	ug/l	97
68) m/p-Xylenes	11.950	106	177219	11.980	ug/l	93
69) o-Xylene	12.283	106	64725	4.399	ug/l	89
73) Isopropylbenzene	12.578	105	21418	0.452	ug/l	97
78) n-propylbenzene	12.921	91	80344	1.531	ug/l	98
80) 1,3,5-Trimethylbenzene	13.058	105	174927	4.610	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	461557	12.631	ug/l	97
85) sec-Butylbenzene	13.500	105	25149	0.554	ug/l #	75
86) p-Isopropyltoluene	13.613	119	22370	0.628	ug/l	98
89) n-Butylbenzene	13.943	91	42520	1.430	ug/l #	70
95) Naphthalene	15.507	128	50307	3.884	ug/l #	86

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

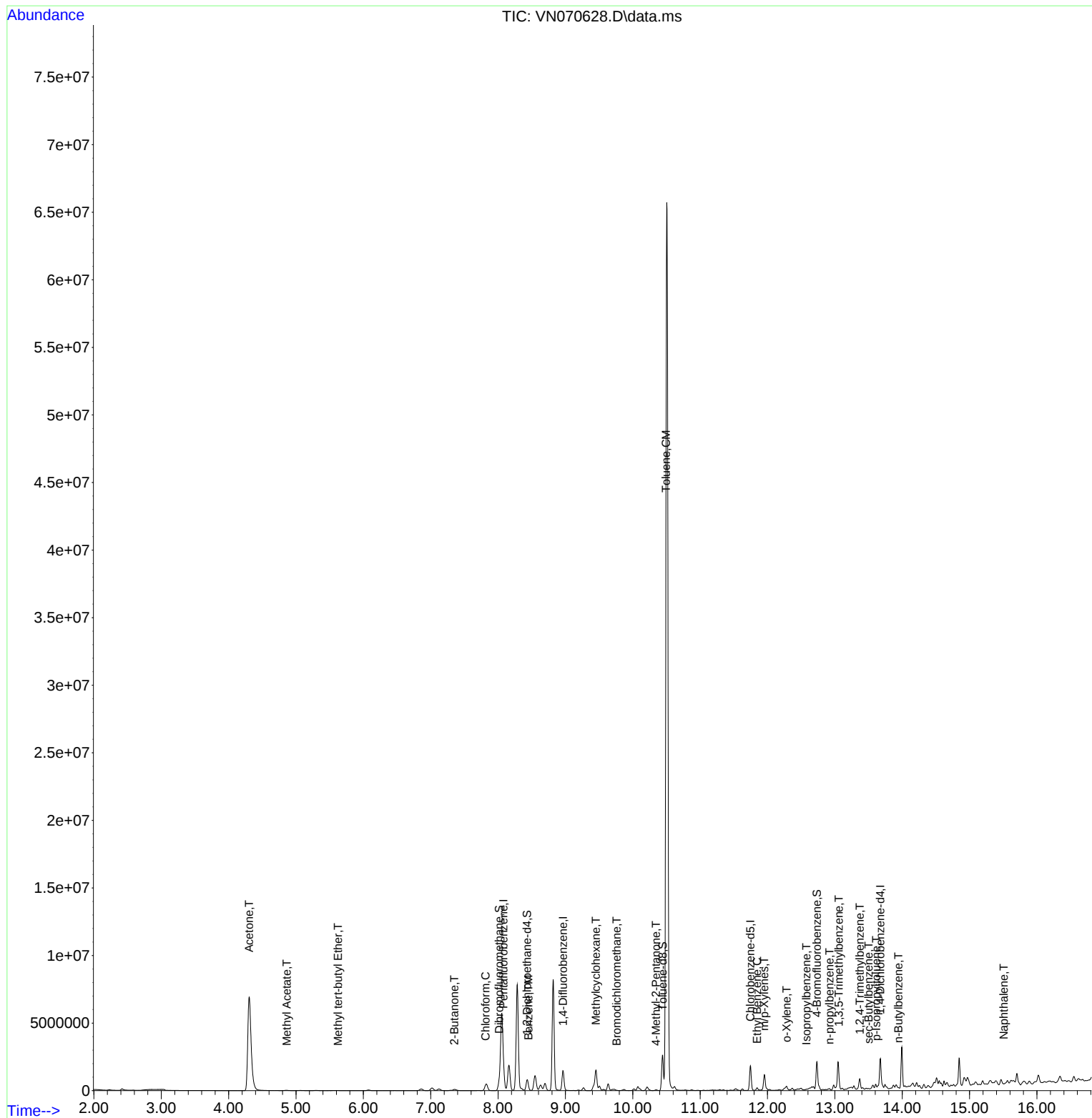
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
Data File : VN070628.D
Acq On : 14 Jan 2022 17:20
Operator : JC/MD
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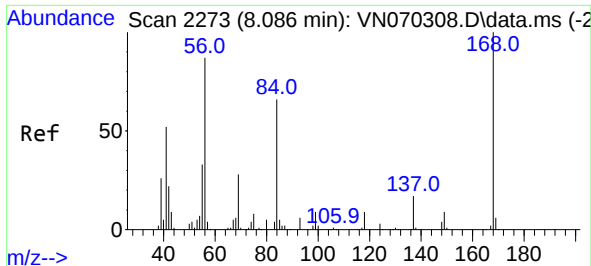
Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: Jan 17 05:40:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration





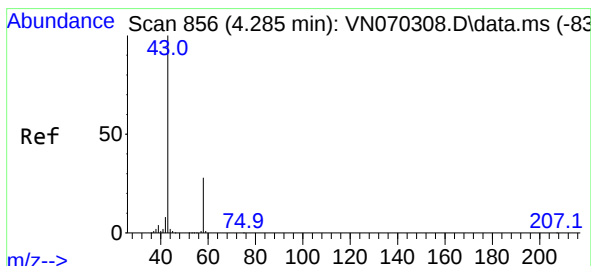
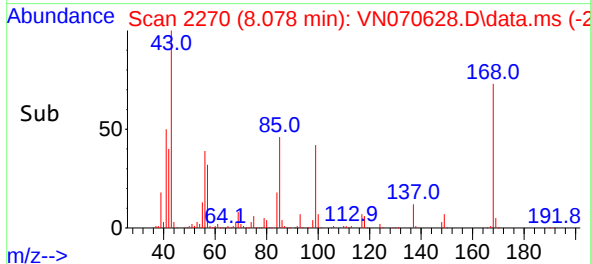
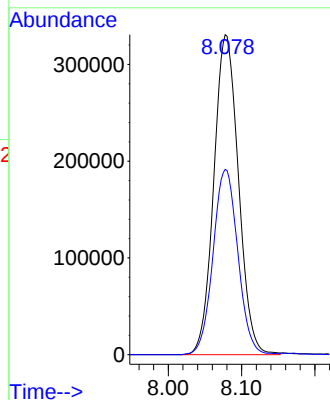
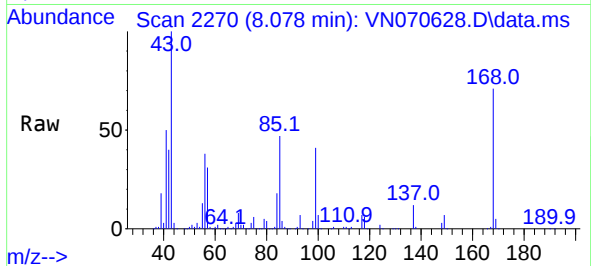
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.078 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070628.D
Acq: 14 Jan 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
41172

Tgt Ion:168 Resp: 77284
Ion Ratio Lower Upper
168 100
99 57.9 41.3 61.9

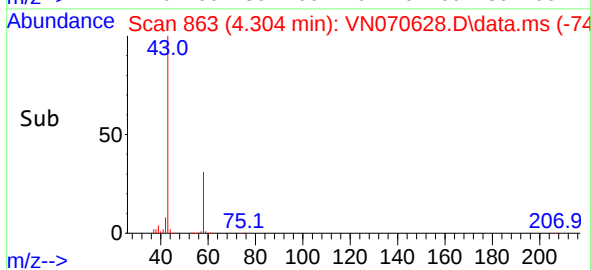
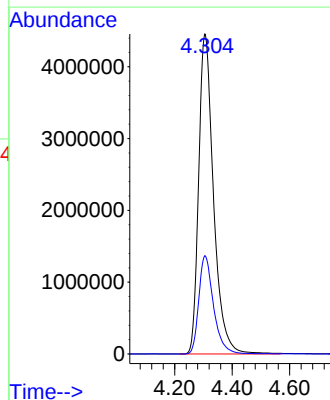
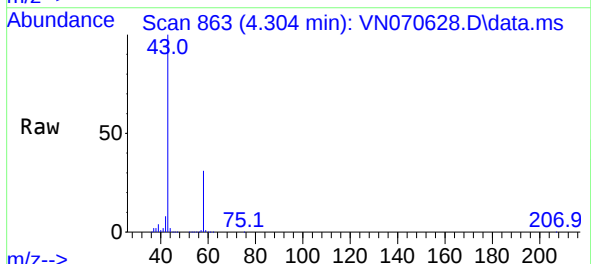
Manual Integrations
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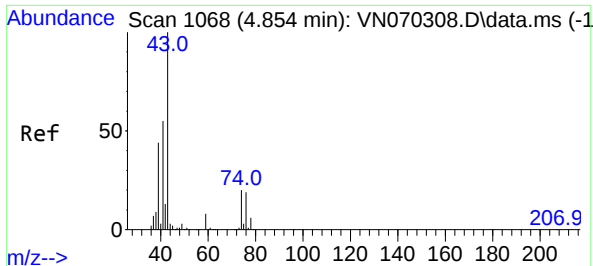
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#16
Acetone
Concen: 2215.258 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.019 min
Lab File: VN070628.D
Acq: 14 Jan 2022 17:20

Tgt Ion: 43 Resp:15979637
Ion Ratio Lower Upper
43 100
58 30.7 23.1 34.7





#18

Methyl Acetate

Concen: 2.673 ug/l

RT: 4.862 min Scan# 1068

Delta R.T. 0.008 min

Lab File: VN070628.D

Acq: 14 Jan 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

41172

Tgt Ion: 43 Resp: 5576

Ion Ratio Lower Upper

43 100

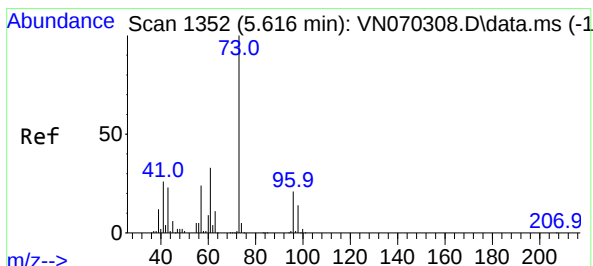
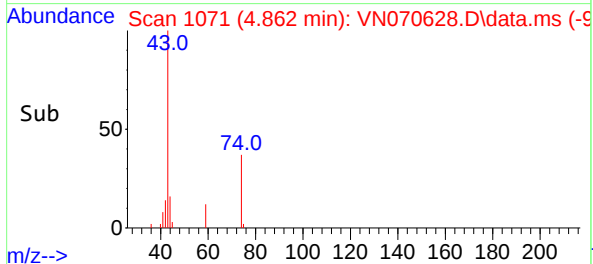
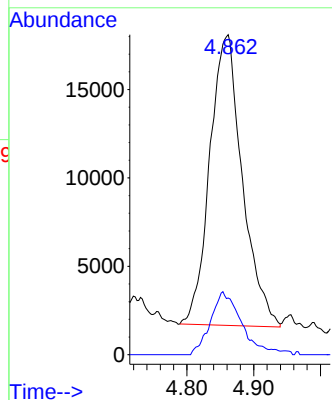
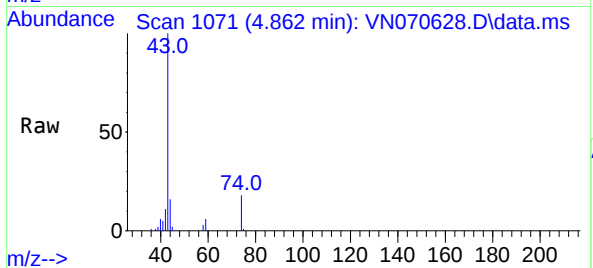
74 20.1 19.4 29.2

Manual Integrations

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#19

Methyl tert-butyl Ether

Concen: 0.524 ug/l m

RT: 5.623 min Scan# 1355

Delta R.T. 0.007 min

Lab File: VN070628.D

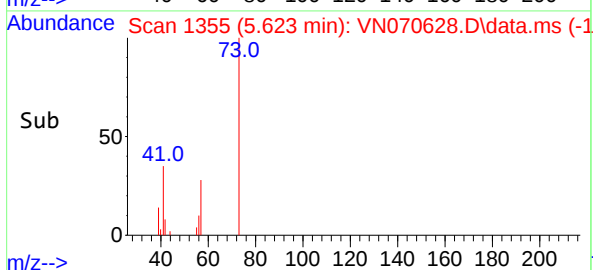
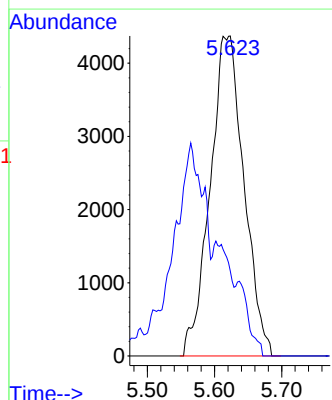
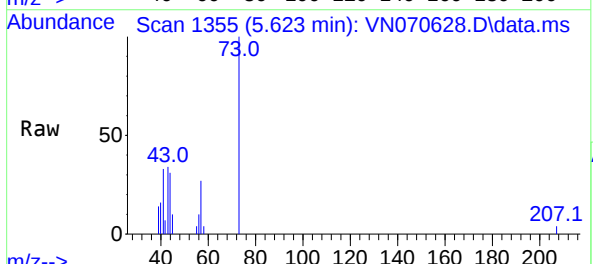
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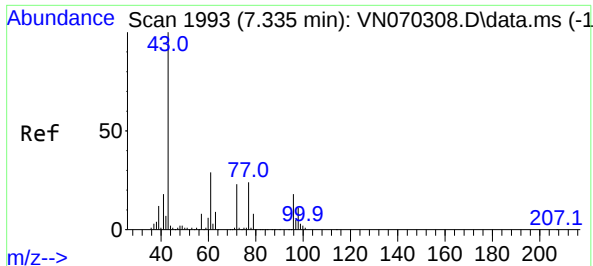
Tgt Ion: 73 Resp: 15314

Ion Ratio Lower Upper

73 100

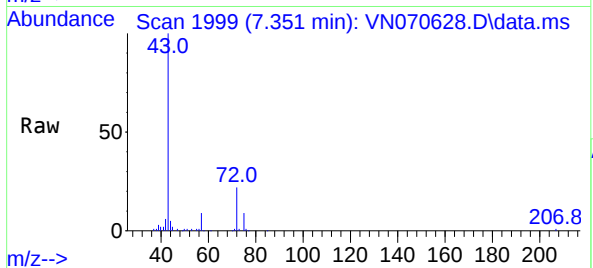
57 26.6 16.8 25.2#





#25
2-Butanone
Concen: 19.509 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.016 min
Lab File: VN070628.D
Acq: 14 Jan 2022 17:20

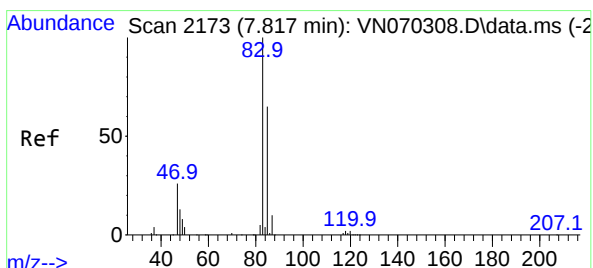
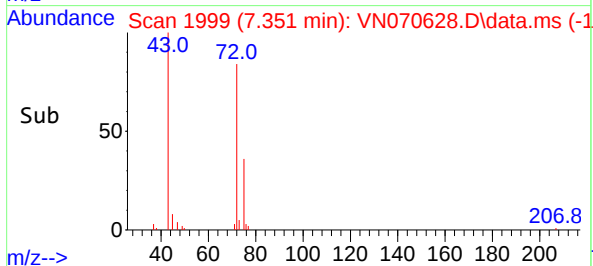
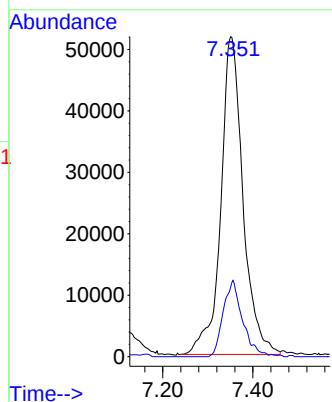
Instrument :
MSVOA_N
ClientSampleId :
41172



Tgt Ion: 43 Resp: 177194
Ion Ratio Lower Upper
43 100
72 21.8 21.7 32.5

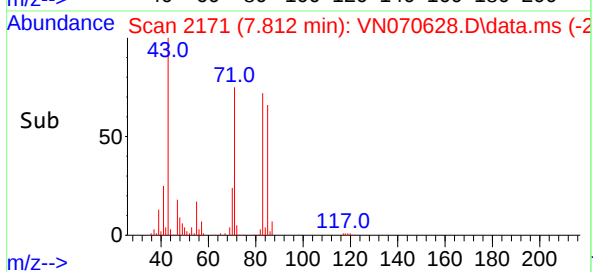
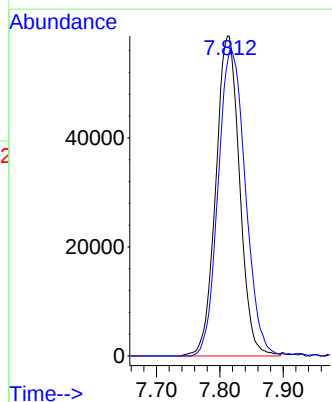
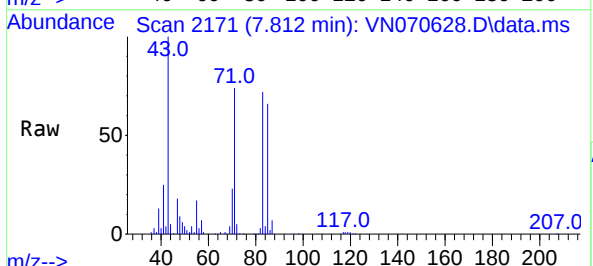
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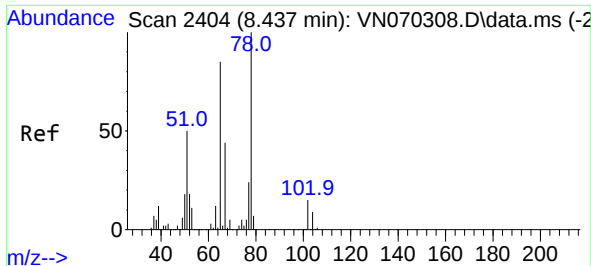
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#30
Chloroform
Concen: 8.815 ug/l
RT: 7.812 min Scan# 2171
Delta R.T. -0.005 min
Lab File: VN070628.D
Acq: 14 Jan 2022 17:20

Tgt Ion: 83 Resp: 153261
Ion Ratio Lower Upper
83 100
85 91.9 51.9 77.9#





#33

1,2-Dichloroethane-d4

Concen: 59.849 ug/l

RT: 8.432 min Scan# 24

Delta R.T. -0.005 min

Lab File: VN070628.D

Acq: 14 Jan 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

41172

Tgt Ion: 65 Resp: 66504

Ion Ratio Lower Upper

65 100

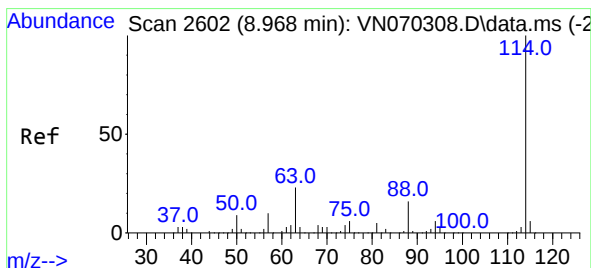
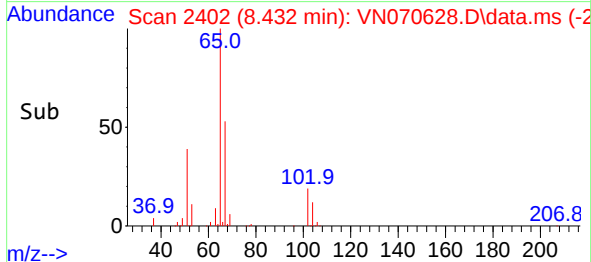
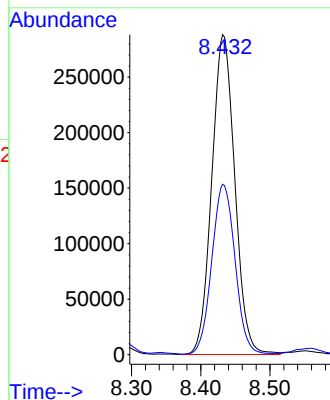
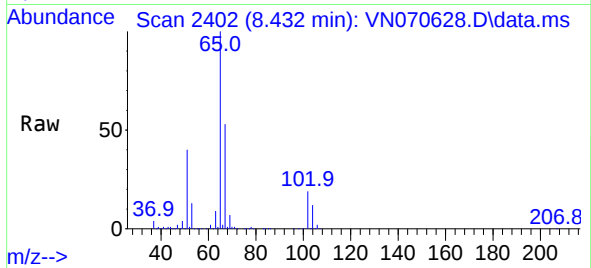
67 53.5 0.0 103.0

Manual Integrations

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Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 2600

Delta R.T. -0.005 min

Lab File: VN070628.D

Acq: 14 Jan 2022 17:20

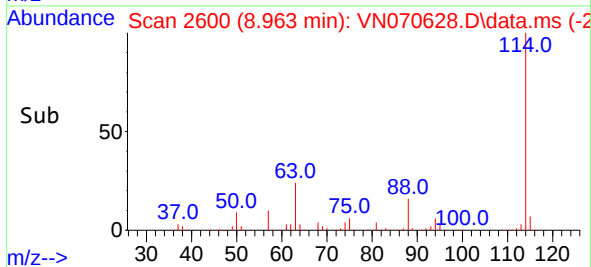
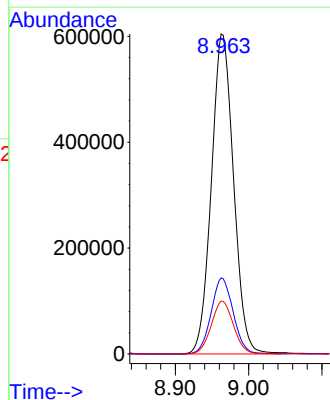
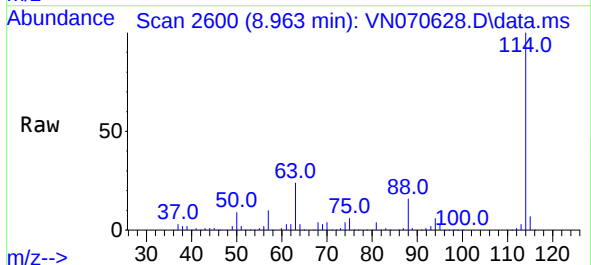
Tgt Ion:114 Resp: 1270908

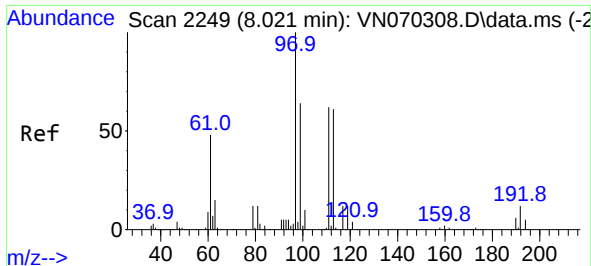
Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

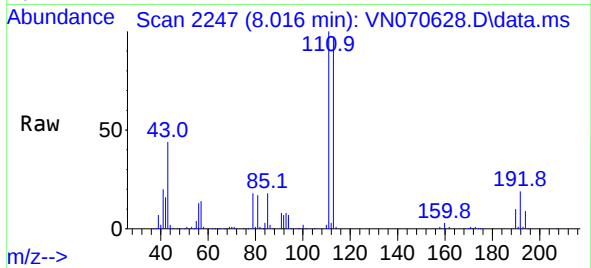
88 16.5 0.0 27.4





#35
Dibromofluoromethane
Concen: 60.605 ug/l
RT: 8.016 min Scan# 211
Delta R.T. -0.005 min
Lab File: VN070628.D
Acq: 14 Jan 2022 17:20

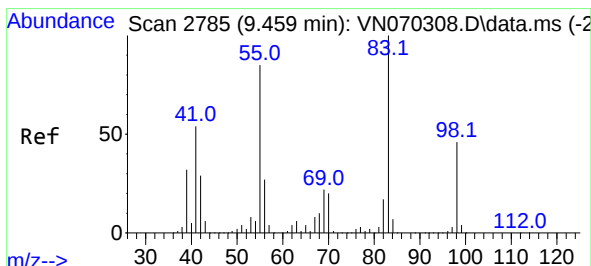
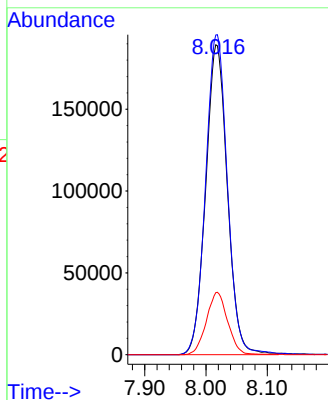
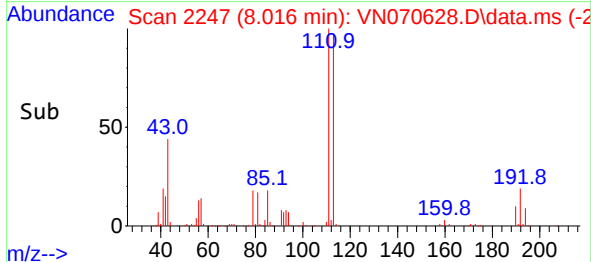
Instrument :
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41172



Tgt Ion: 113 Resp: 46603
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 19.7 16.9 25.3

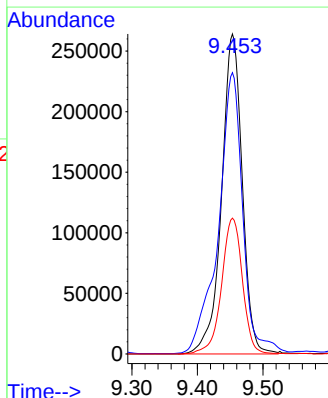
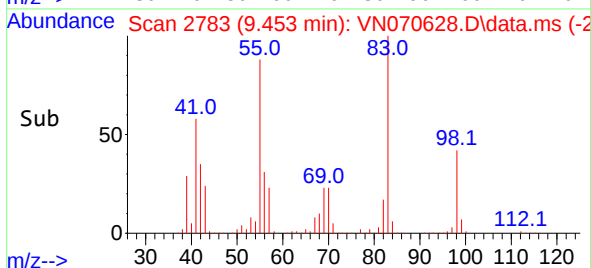
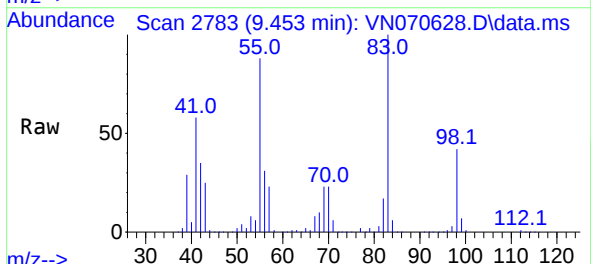
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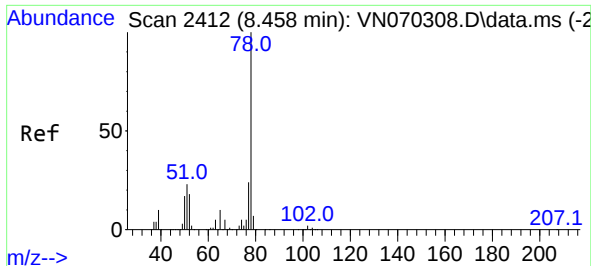
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#39
Methylcyclohexane
Concen: 37.573 ug/l
RT: 9.453 min Scan# 2783
Delta R.T. -0.006 min
Lab File: VN070628.D
Acq: 14 Jan 2022 17:20

Tgt Ion: 83 Resp: 578636
Ion Ratio Lower Upper
83 100
55 87.6 58.1 87.1#
98 42.4 38.4 57.6





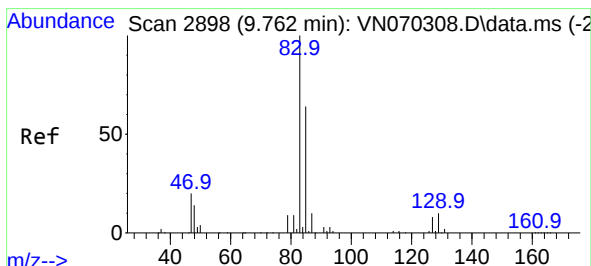
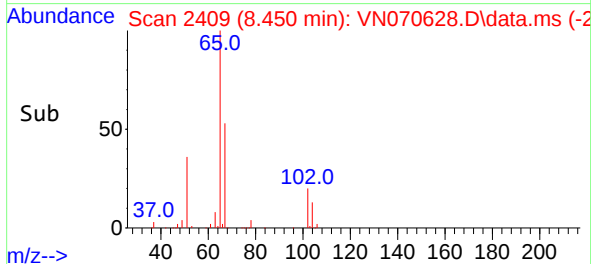
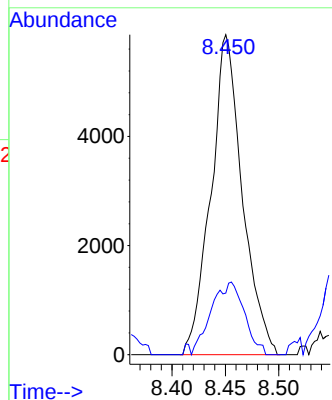
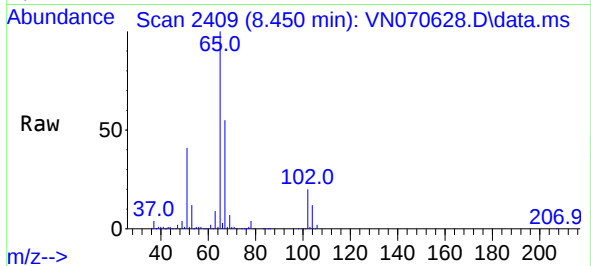
#40
Benzene
Concen: 0.308 ug/l
RT: 8.450 min Scan# 2412
Delta R.T. -0.008 min
Lab File: VN070628.D
Acq: 14 Jan 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
41172

Tgt Ion: 78 Resp: 1201
Ion Ratio Lower Upper
78 100
77 19.2 18.6 27.8

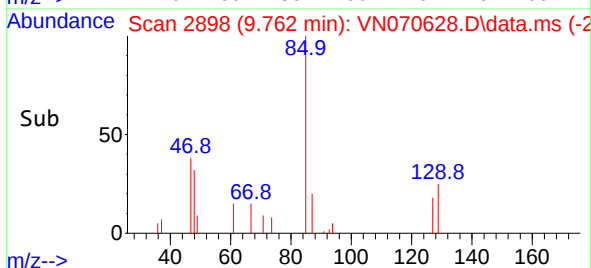
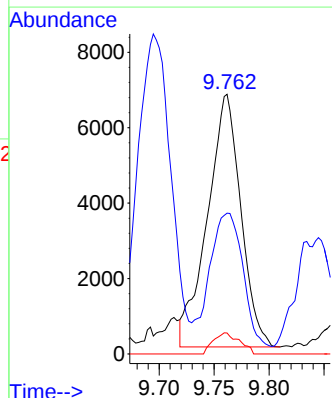
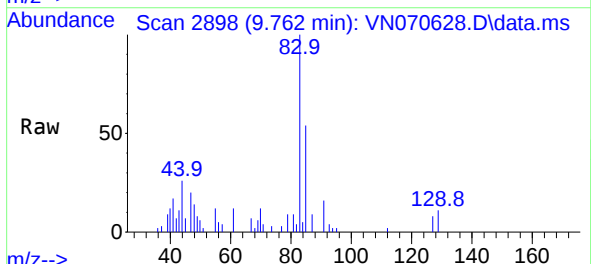
Manual Integrations
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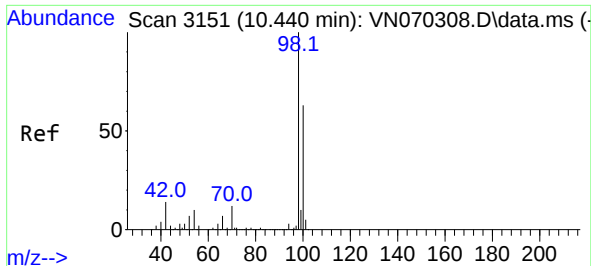
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#47
Bromodichloromethane
Concen: 1.093 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN070628.D
Acq: 14 Jan 2022 17:20

Tgt Ion: 83 Resp: 14167
Ion Ratio Lower Upper
83 100
85 48.7 50.9 76.3#
127 8.3 7.1 10.7





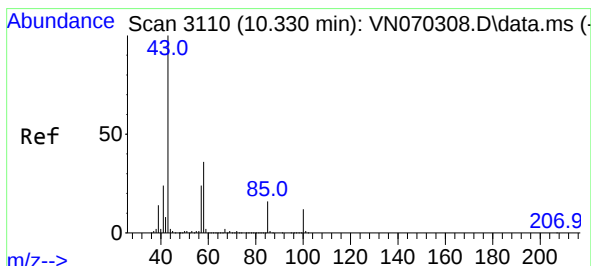
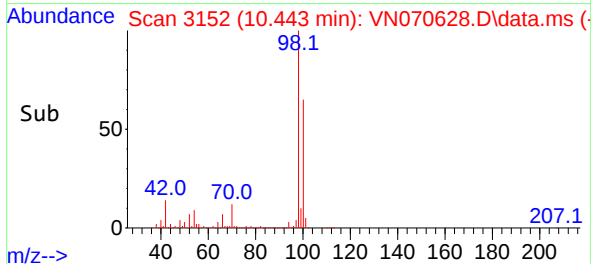
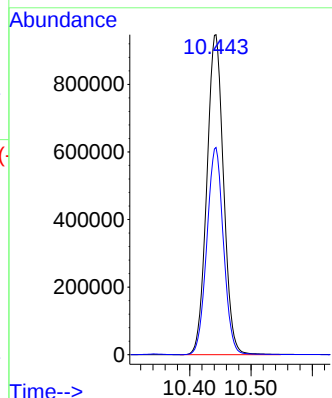
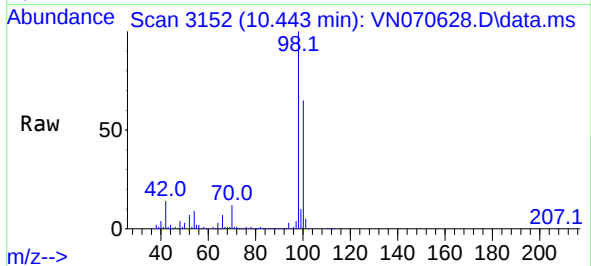
#50
Toluene-d8
Concen: 57.106 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VN070628.D
Acq: 14 Jan 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
41172

Tgt Ion: 98 Resp: 1793880
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6

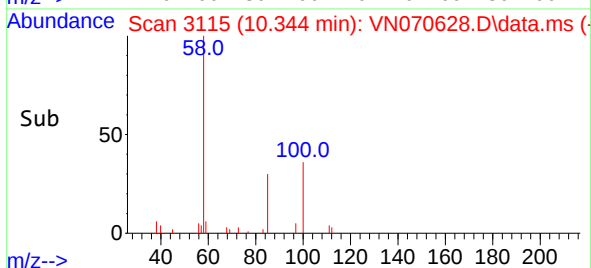
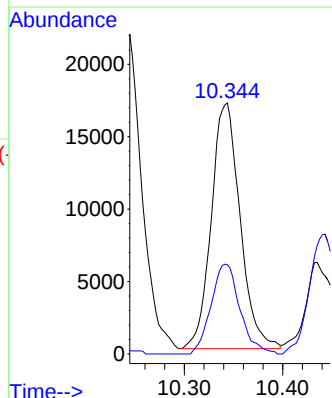
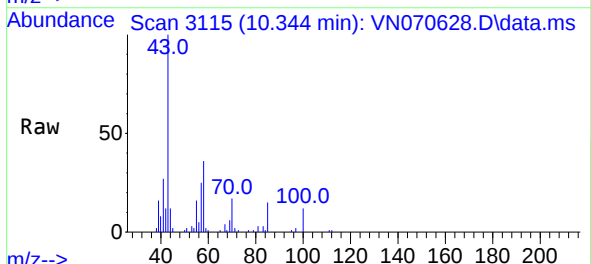
Manual Integrations
APPROVED

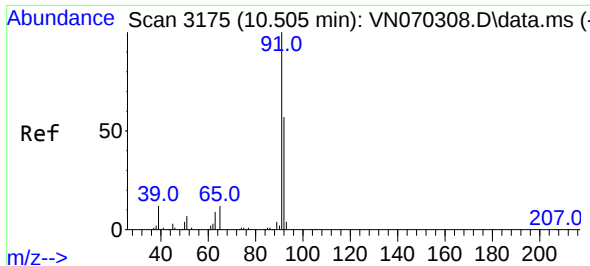
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#51
4-Methyl-2-Pentanone
Concen: 2.121 ug/l
RT: 10.344 min Scan# 3115
Delta R.T. 0.014 min
Lab File: VN070628.D
Acq: 14 Jan 2022 17:20

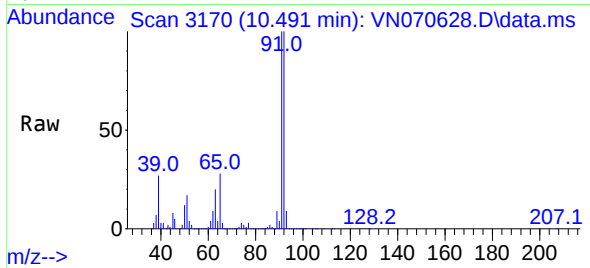
Tgt Ion: 43 Resp: 34652
Ion Ratio Lower Upper
43 100
58 36.4 30.4 45.6





#52
Toluene
Concen: 1019.898 ug/l m
RT: 10.491 min Scan# 3175
Delta R.T. -0.014 min
Lab File: VN070628.D
Acq: 14 Jan 2022 17:20

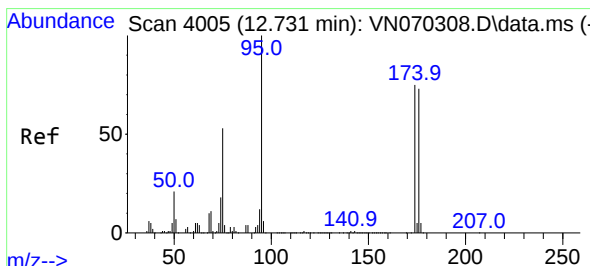
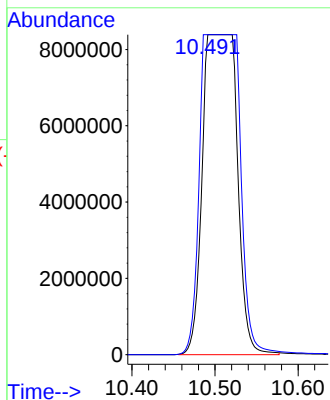
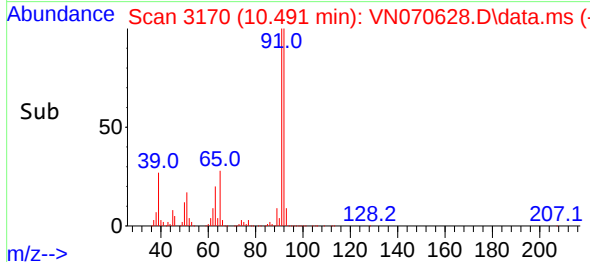
Instrument :
MSVOA_N
ClientSampleId :
41172



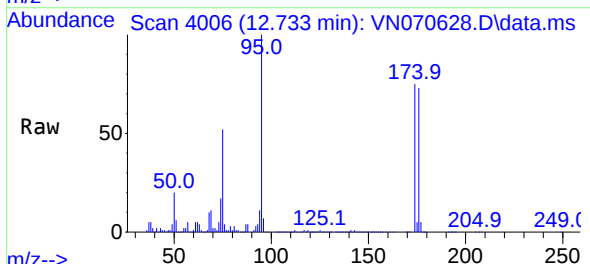
Tgt Ion: 92 Resp: 24075379
Ion Ratio Lower Upper
92 100
91 0.0 142.0 213.0

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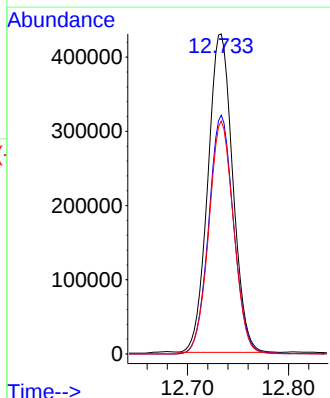
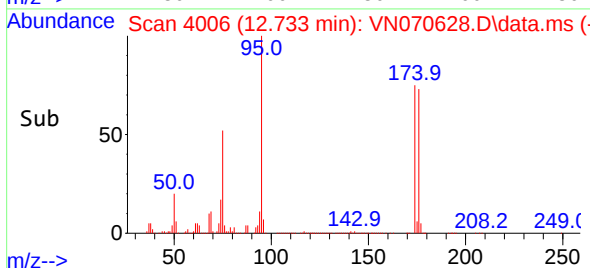
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

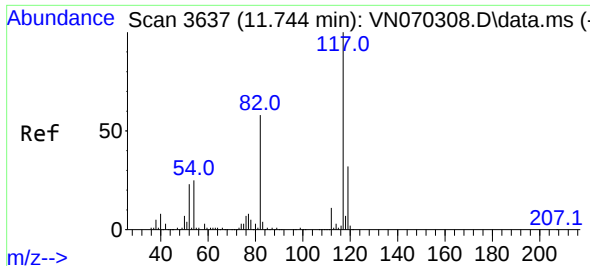


#62
4-Bromofluorobenzene
Concen: 64.798 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN070628.D
Acq: 14 Jan 2022 17:20



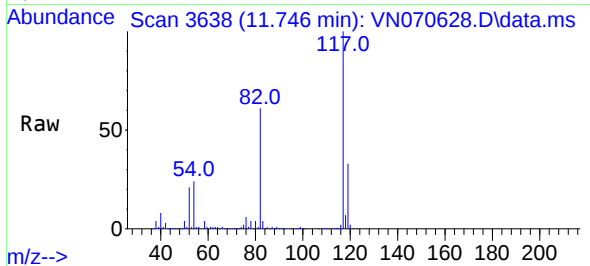
Tgt Ion: 95 Resp: 735176
Ion Ratio Lower Upper
95 100
174 75.2 0.0 187.2
176 72.7 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3637
Delta R.T. 0.002 min
Lab File: VN070628.D
Acq: 14 Jan 2022 17:20

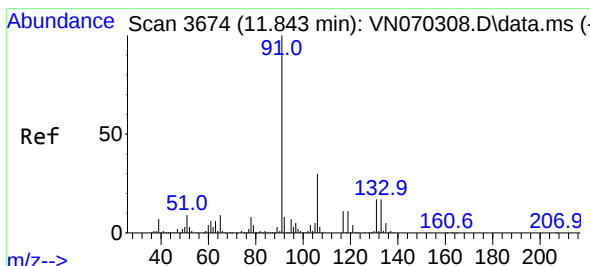
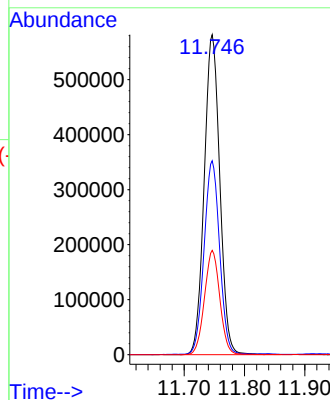
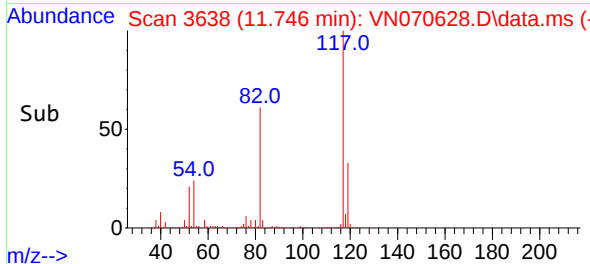
Instrument :
MSVOA_N
ClientSampleId :
41172



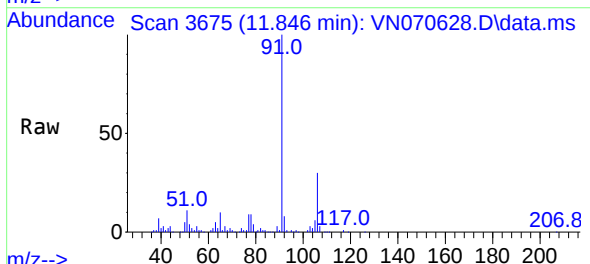
Tgt Ion: 117 Resp: 1045384
Ion Ratio Lower Upper
117 100
82 60.5 42.4 63.6
119 32.6 25.4 38.2

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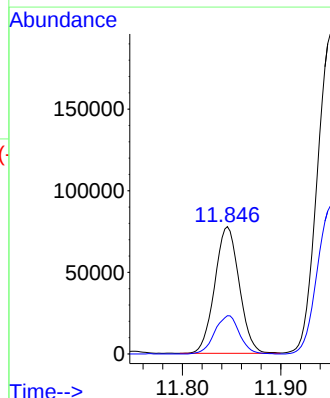
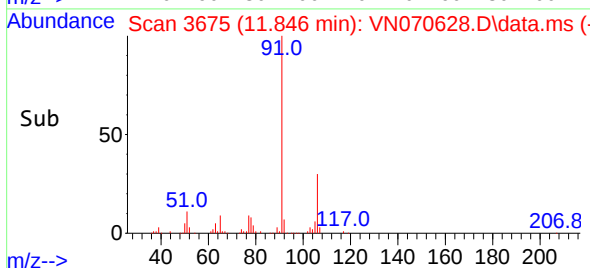
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

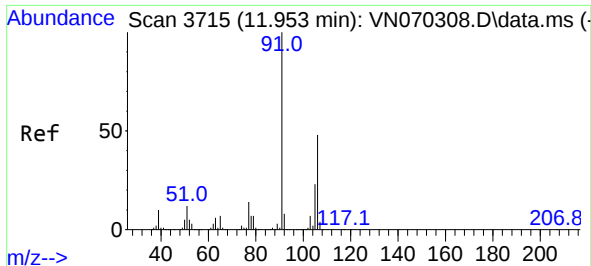


#67
Ethyl Benzene
Concen: 3.315 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN070628.D
Acq: 14 Jan 2022 17:20



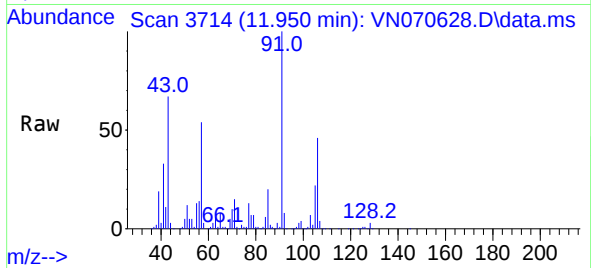
Tgt Ion: 91 Resp: 134710
Ion Ratio Lower Upper
91 100
106 30.2 25.7 38.5





#68
m/p-Xylenes
Concen: 11.980 ug/l
RT: 11.950 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN070628.D
Acq: 14 Jan 2022 17:20

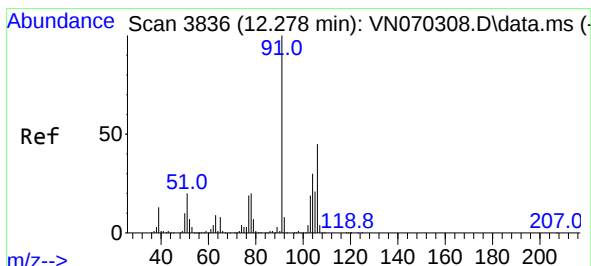
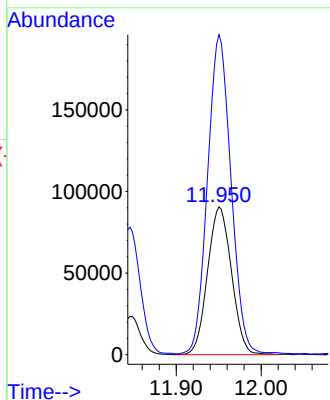
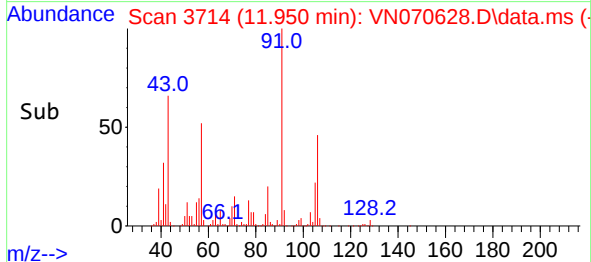
Instrument :
MSVOA_N
ClientSampleId :
41172



Tgt Ion:106 Resp: 177219
Ion Ratio Lower Upper
106 100
91 211.0 160.6 240.8

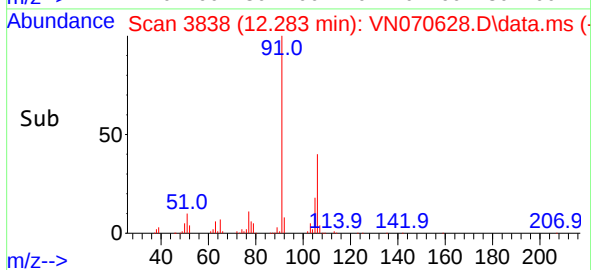
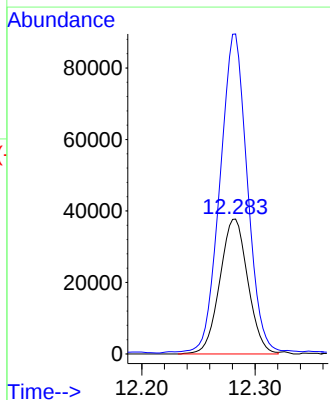
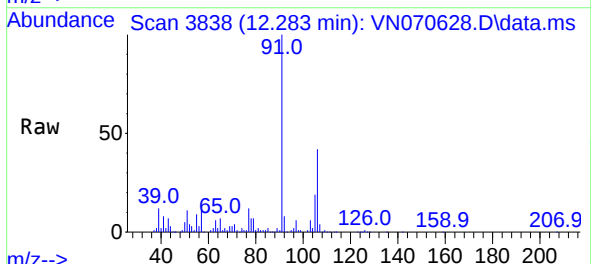
Manual Integrations
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Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#69
o-Xylene
Concen: 4.399 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.005 min
Lab File: VN070628.D
Acq: 14 Jan 2022 17:20

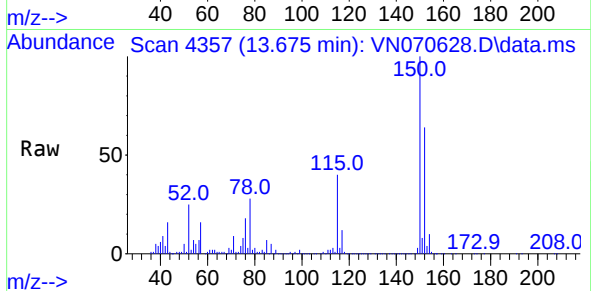
Tgt Ion:106 Resp: 64725
Ion Ratio Lower Upper
106 100
91 228.6 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41172
Delta R.T. 0.003 min
Lab File: VN070628.D
Acq: 14 Jan 2022 17:20

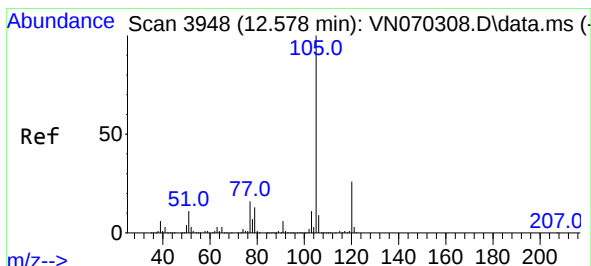
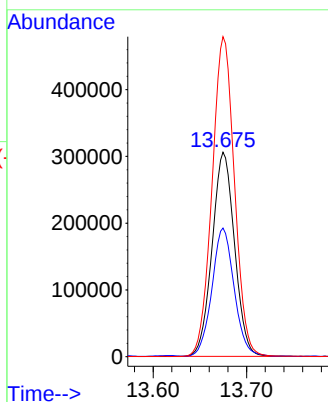
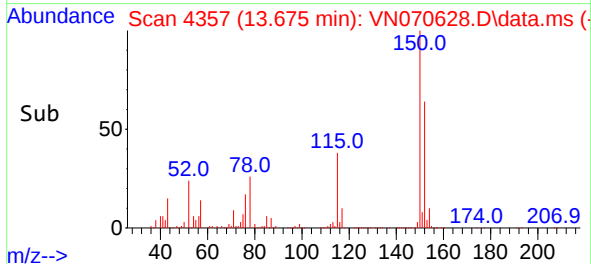
Instrument :
MSVOA_N
ClientSampleId :
41172



Tgt Ion:152 Resp: 509950
Ion Ratio Lower Upper
152 100
115 62.1 27.5 82.5
150 156.5 0.0 344.4

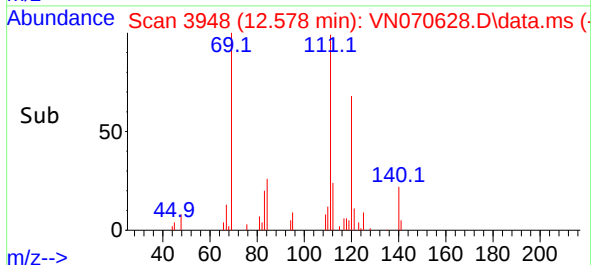
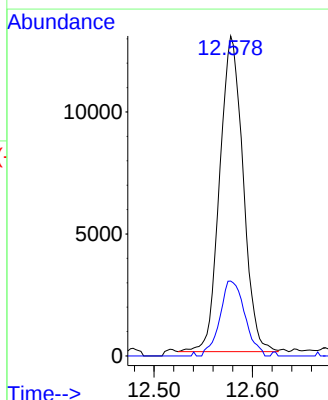
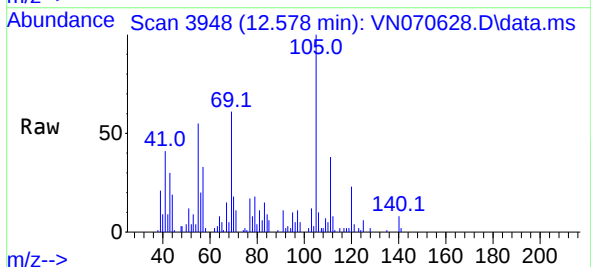
Manual Integrations
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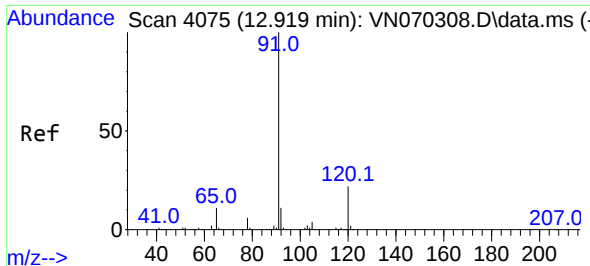
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#73
Isopropylbenzene
Concen: 0.452 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070628.D
Acq: 14 Jan 2022 17:20

Tgt Ion:105 Resp: 21418
Ion Ratio Lower Upper
105 100
120 25.2 13.4 40.1





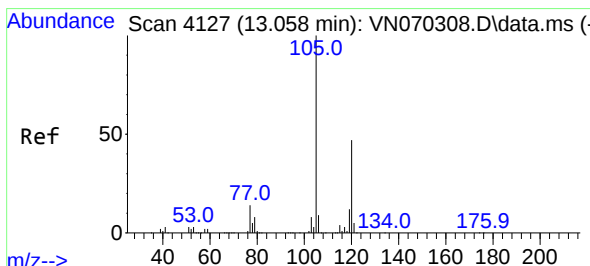
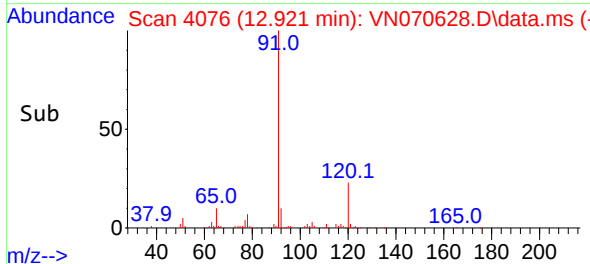
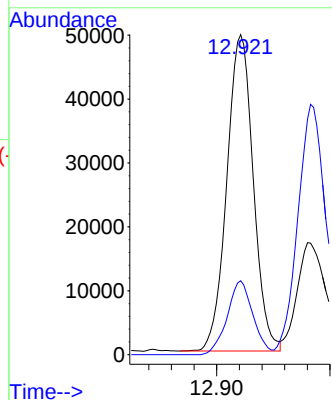
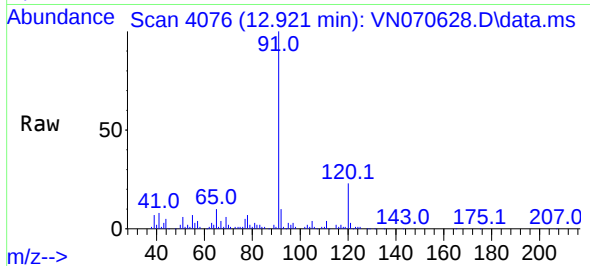
#78
n-propylbenzene
Concen: 1.531 ug/l
RT: 12.921 min Scan# 4075
Delta R.T. 0.002 min
Lab File: VN070628.D
Acq: 14 Jan 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
41172

Tgt Ion: 91 Resp: 80344
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.9

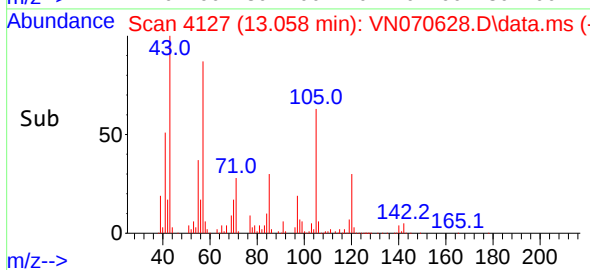
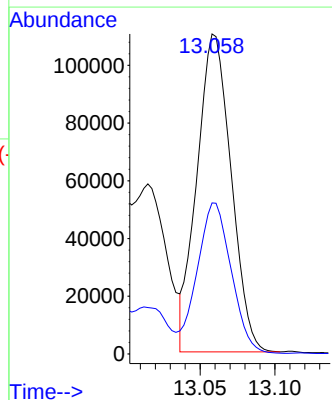
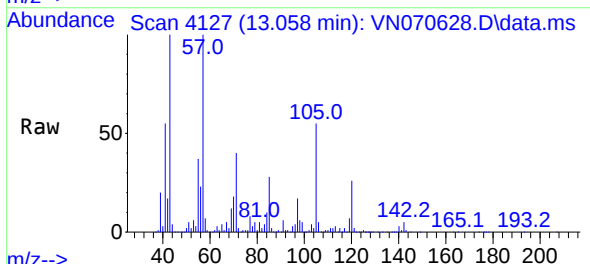
Manual Integrations
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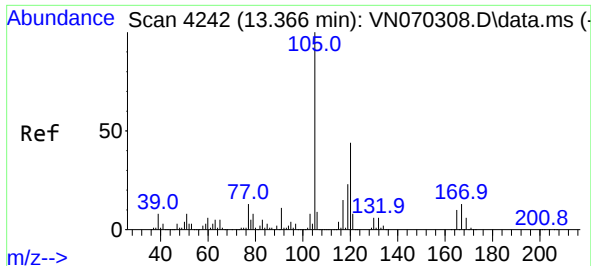
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 4.610 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070628.D
Acq: 14 Jan 2022 17:20

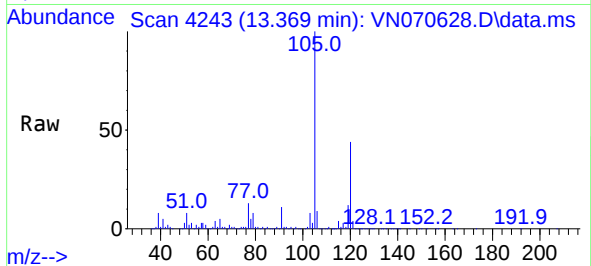
Tgt Ion:105 Resp: 174927
Ion Ratio Lower Upper
105 100
120 47.4 24.6 73.6





#84
1,2,4-Trimethylbenzene
Concen: 12.631 ug/l
RT: 13.369 min Scan# 41172
Delta R.T. 0.003 min
Lab File: VN070628.D
Acq: 14 Jan 2022 17:20

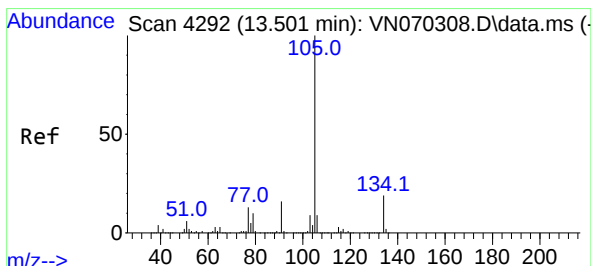
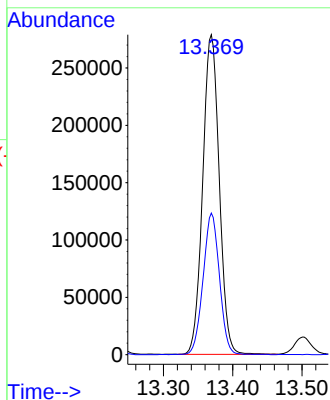
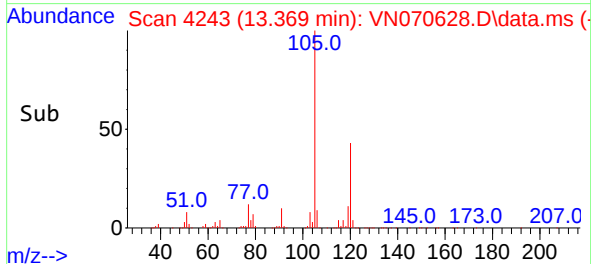
Instrument :
MSVOA_N
ClientSampleId :
41172



Tgt Ion:105 Resp: 46155
Ion Ratio Lower Upper
105 100
120 43.9 22.8 68.4

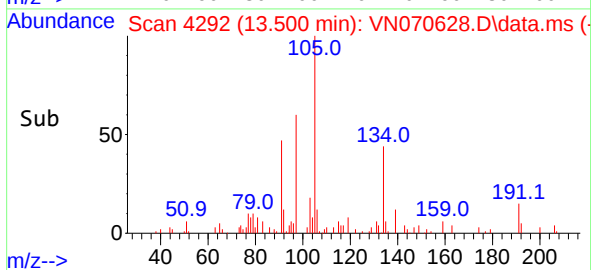
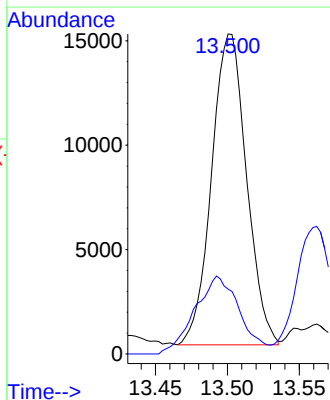
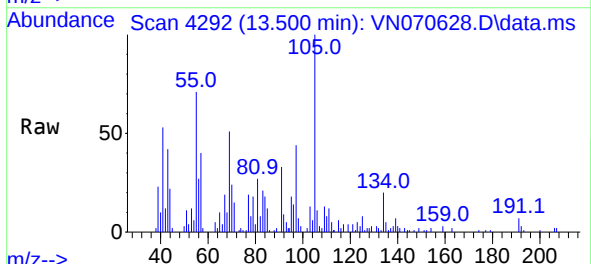
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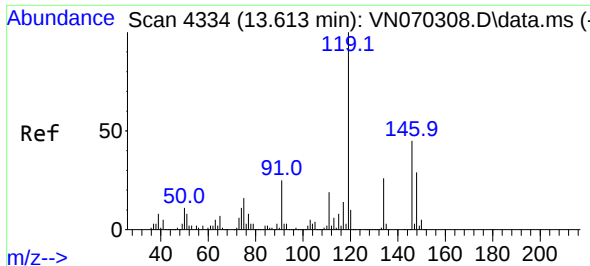
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#85
sec-Butylbenzene
Concen: 0.554 ug/l
RT: 13.500 min Scan# 4292
Delta R.T. -0.001 min
Lab File: VN070628.D
Acq: 14 Jan 2022 17:20

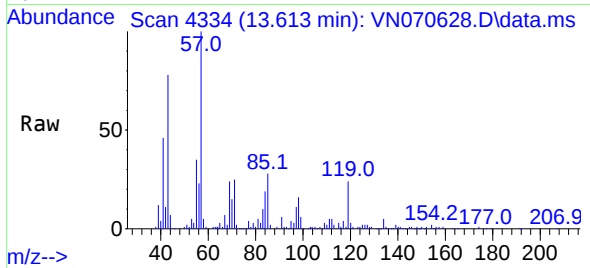
Tgt Ion:105 Resp: 25149
Ion Ratio Lower Upper
105 100
134 32.1 10.4 31.1#





#86
p-Isopropyltoluene
Concen: 0.628 ug/l
RT: 13.613 min Scan# 41172
Delta R.T. 0.000 min
Lab File: VN070628.D
Acq: 14 Jan 2022 17:20

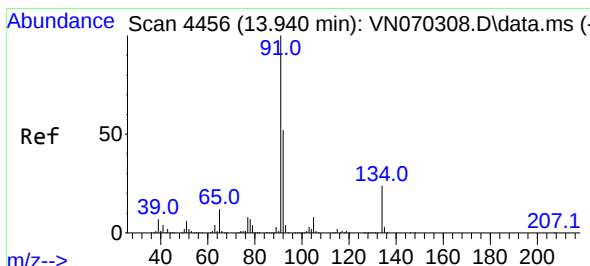
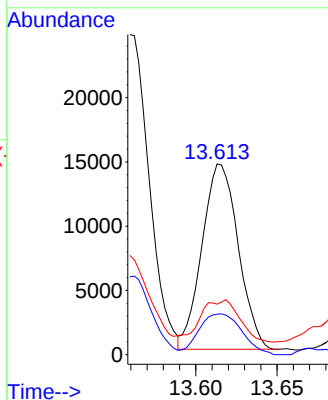
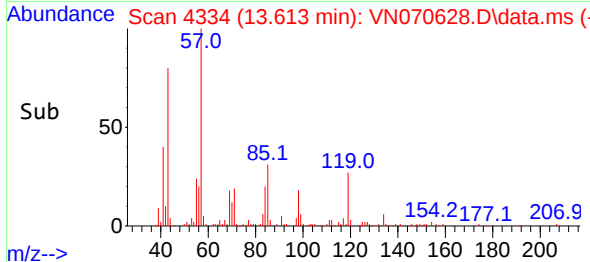
Instrument :
MSVOA_N
ClientSampleId :
41172



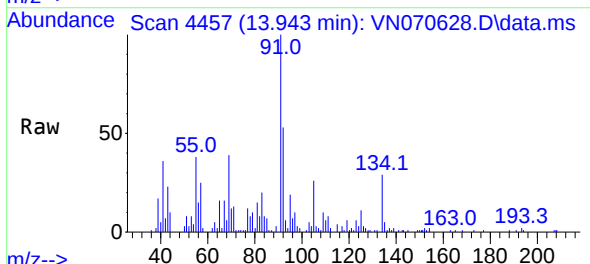
Tgt Ion:119 Resp: 22370
Ion Ratio Lower Upper
119 100
134 26.1 13.6 40.7
91 23.5 11.4 34.1

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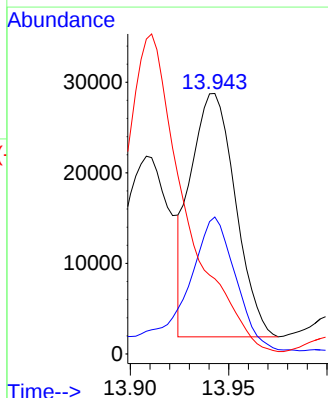
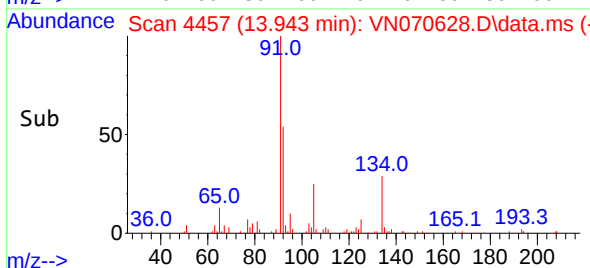
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

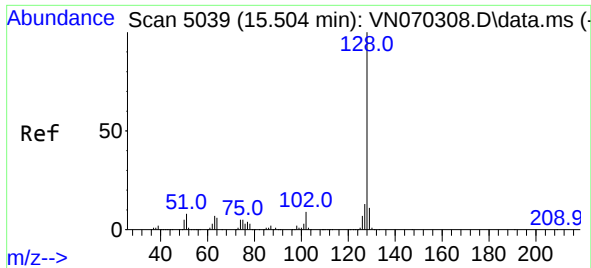


#89
n-Butylbenzene
Concen: 1.430 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.003 min
Lab File: VN070628.D
Acq: 14 Jan 2022 17:20



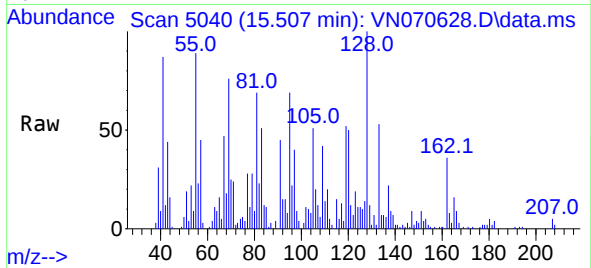
Tgt Ion: 91 Resp: 42520
Ion Ratio Lower Upper
91 100
92 63.2 25.4 76.0
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 3.884 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070628.D
Acq: 14 Jan 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
41172



Tgt Ion:128 Resp: 50307
Ion Ratio Lower Upper
128 100
127 9.3 10.5 15.7
129 3.8 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

