

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076553.D
 Acq On : 06 Feb 2023 19:48
 Operator : JC\MD
 Sample : 01437-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31962

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023

Quant Time: Feb 07 08:00:30 2023
 Quant Title :
 QLast Update : Tue Feb 07 01:44:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	644128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1038167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	904748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	384728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	348941	45.497	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.000%		
35) Dibromofluoromethane	8.171	113	316187	49.215	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.440%		
50) Toluene-d8	10.571	98	1194128	48.921	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.840%		
62) 4-Bromofluorobenzene	12.853	95	413291	48.853	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.700%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.600	59	98166m	94.064	ug/l	
16) Acetone	4.447	43	76610	25.028	ug/l	96
18) Methyl Acetate	5.059	43	9675	1.180	ug/l	94
25) 2-Butanone	7.494	43	186949	49.313	ug/l	100
39) Methylcyclohexane	9.606	83	10692	0.960	ug/l	94
40) Benzene	8.612	78	1224198	43.805	ug/l	99
52) Toluene	10.635	92	666500	37.367	ug/l	100
67) Ethyl Benzene	11.965	91	105716	3.210	ug/l	100
68) m/p-Xylenes	12.070	106	169483	13.269	ug/l	98
69) o-Xylene	12.400	106	67601	5.385	ug/l	99
70) Styrene	12.418	104	38491	1.928	ug/l #	83
73) Isopropylbenzene	12.700	105	7792	0.254	ug/l	93
78) n-propylbenzene	13.041	91	14176	0.415	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	21823	0.839	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	60096	2.330	ug/l	99
95) Naphthalene	15.641	128	91232	5.359	ug/l	98

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

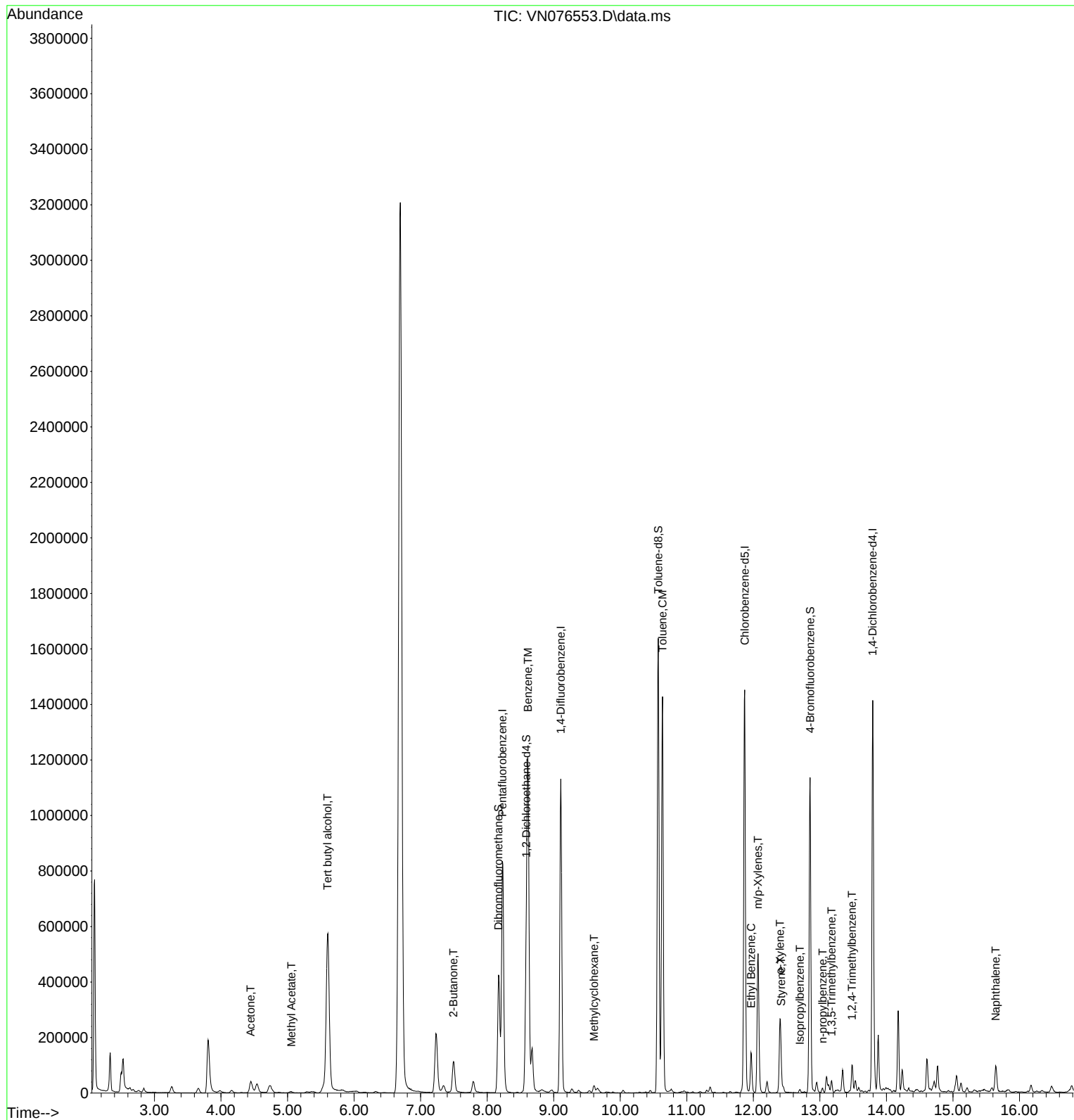
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
Data File : VN076553.D
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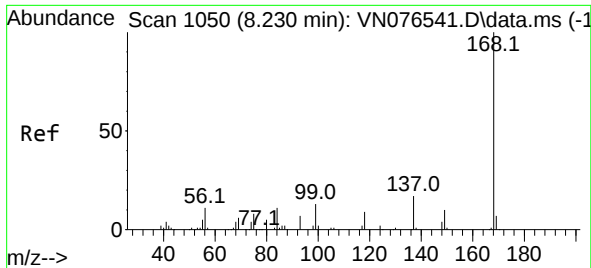
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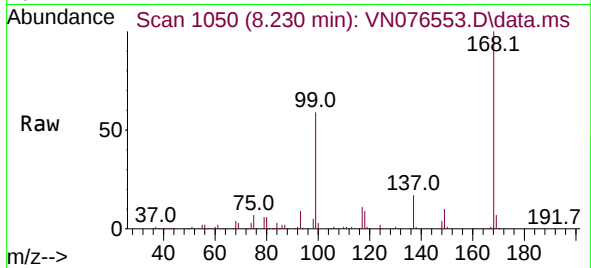
Quant Time: Feb 07 08:00:30 2023
Quant Title :
QLast Update : Tue Feb 07 01:44:01 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076553.D
Acq: 06 Feb 2023 19:48

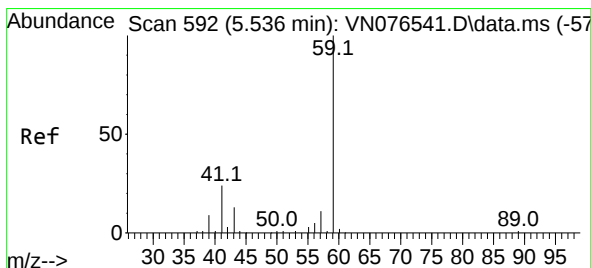
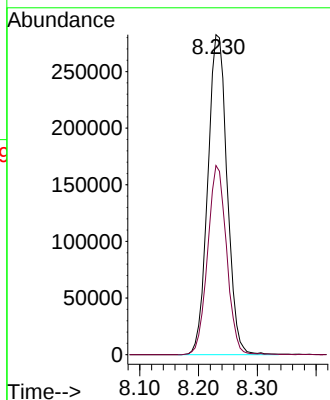
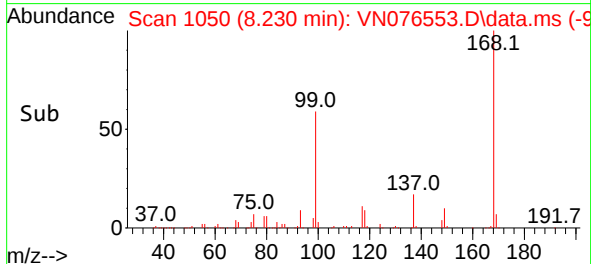
Instrument :
MSVOA_N
ClientSampleId :
31962



Tgt Ion:168 Resp: 644128
Ion Ratio Lower Upper
168 100
99 59.1 47.1 70.7

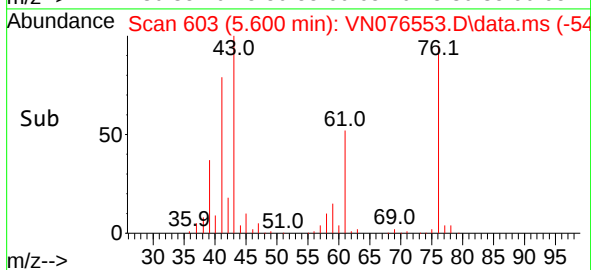
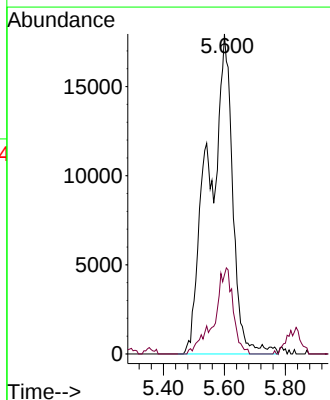
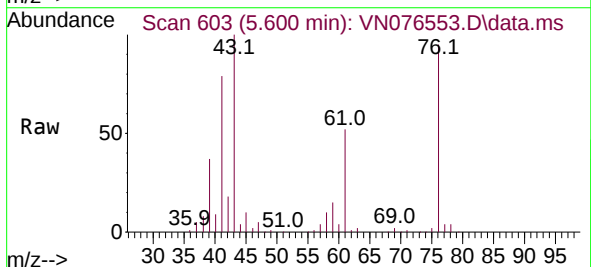
Manual Integrations
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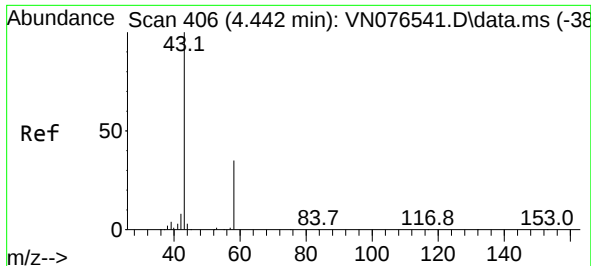
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#11
Tert butyl alcohol
Concen: 94.064 ug/l m
RT: 5.600 min Scan# 603
Delta R.T. 0.065 min
Lab File: VN076553.D
Acq: 06 Feb 2023 19:48

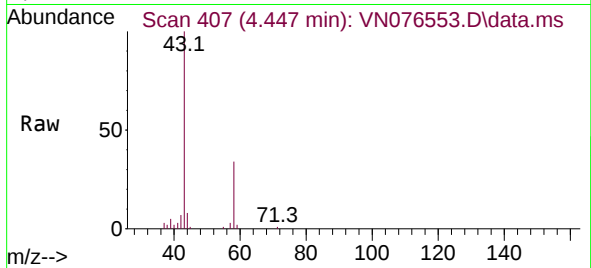
Tgt Ion: 59 Resp: 98166
Ion Ratio Lower Upper
59 100
57 3.3 8.2 12.2#





#16
Acetone
Concen: 25.028 ug/l
RT: 4.447 min Scan# 406
Delta R.T. 0.005 min
Lab File: VN076553.D
Acq: 06 Feb 2023 19:48

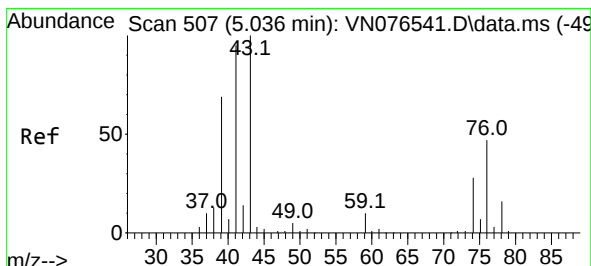
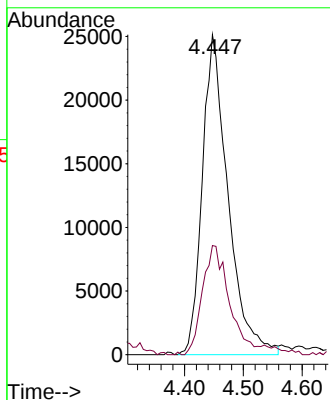
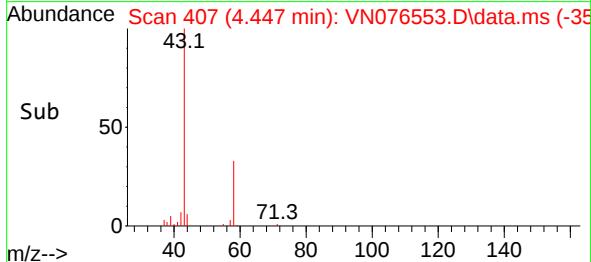
Instrument :
MSVOA_N
ClientSampleId :
31962



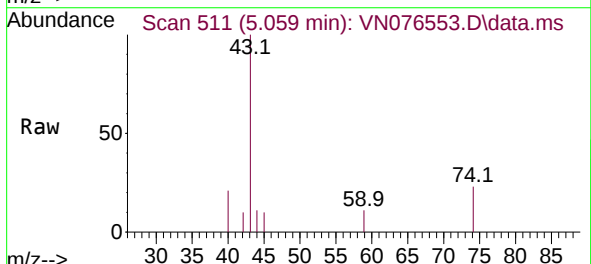
Tgt Ion: 43 Resp: 76610
Ion Ratio Lower Upper
43 100
58 33.3 28.3 42.5

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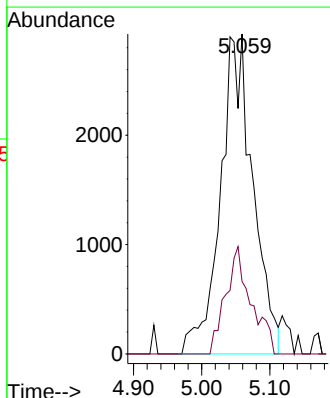
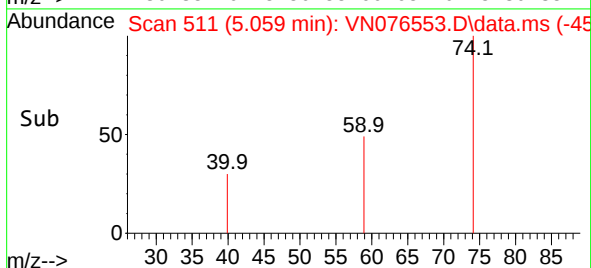
Reviewed By :John Carlone 02/07/2023
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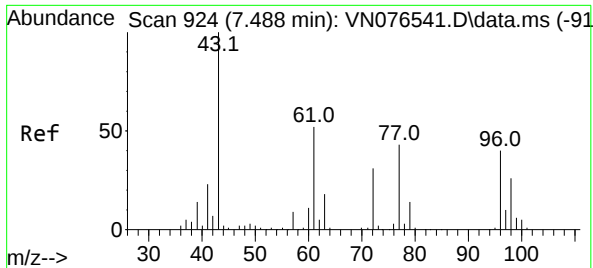


#18
Methyl Acetate
Concen: 1.180 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.024 min
Lab File: VN076553.D
Acq: 06 Feb 2023 19:48



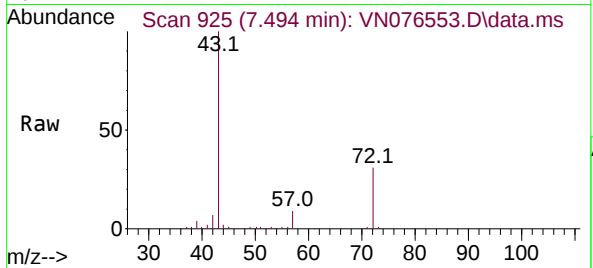
Tgt Ion: 43 Resp: 9675
Ion Ratio Lower Upper
43 100
74 26.2 23.6 35.4





#25
2-Butanone
Concen: 49.313 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076553.D
Acq: 06 Feb 2023 19:48

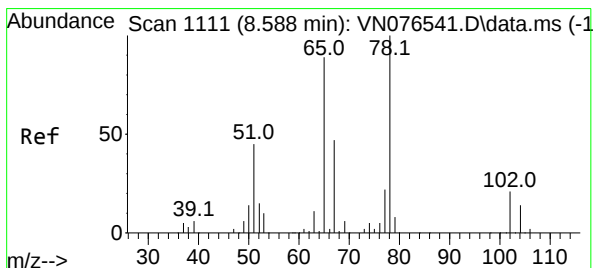
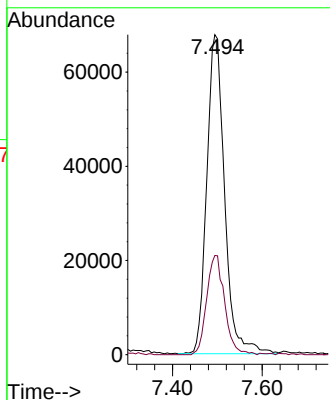
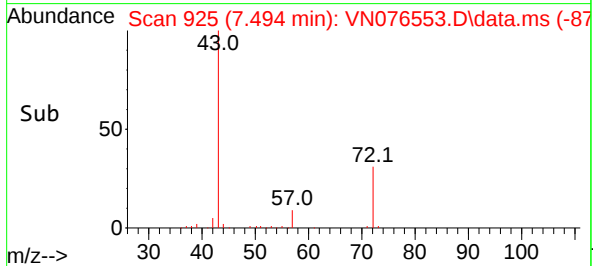
Instrument :
MSVOA_N
ClientSampleId :
31962



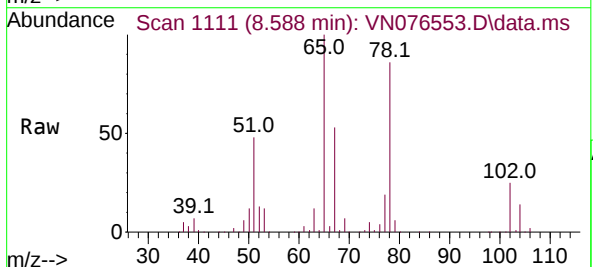
Tgt Ion: 43 Resp: 186949
Ion Ratio Lower Upper
43 100
72 31.1 24.8 37.2

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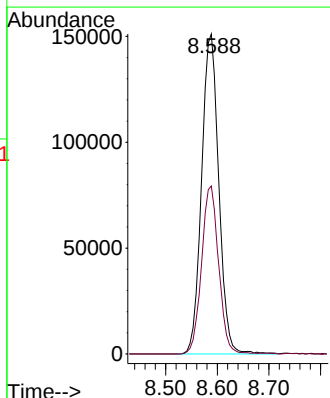
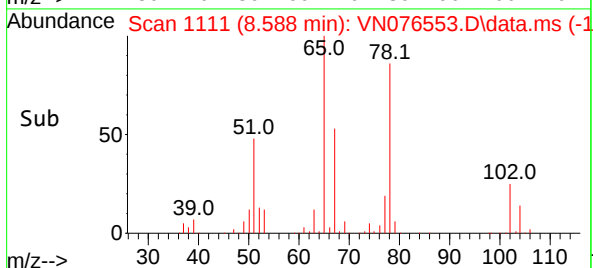
Reviewed By :John Carlone 02/07/2023
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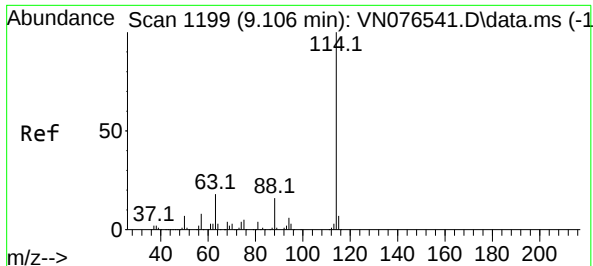


#33
1,2-Dichloroethane-d4
Concen: 45.497 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN076553.D
Acq: 06 Feb 2023 19:48



Tgt Ion: 65 Resp: 348941
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076553.D

Acq: 06 Feb 2023 19:48

Instrument :

MSVOA_N

ClientSampleId :

31962

Tgt Ion:114 Resp: 103816

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

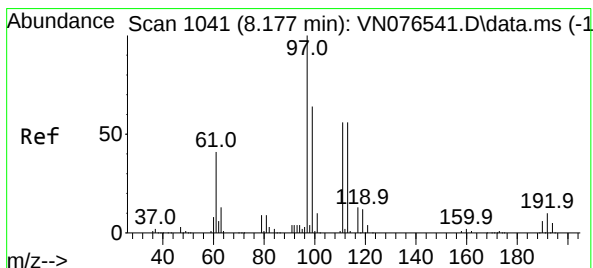
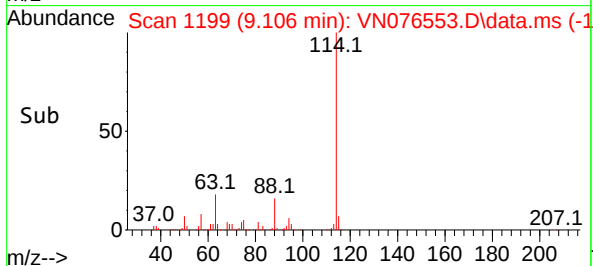
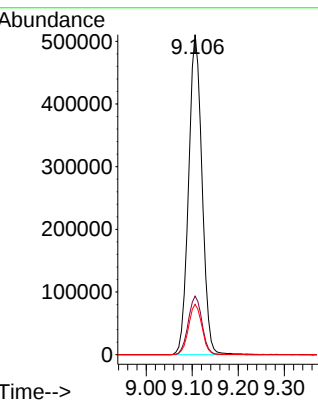
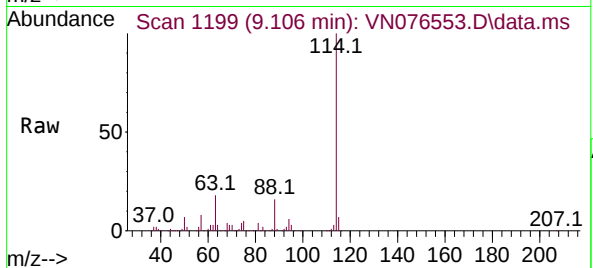
88 15.7 0.0 31.4

Manual Integrations

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#35

Dibromofluoromethane

Concen: 49.215 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VN076553.D

Acq: 06 Feb 2023 19:48

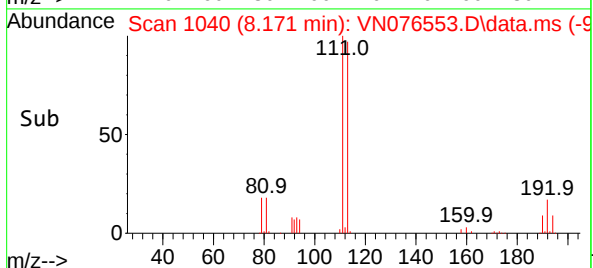
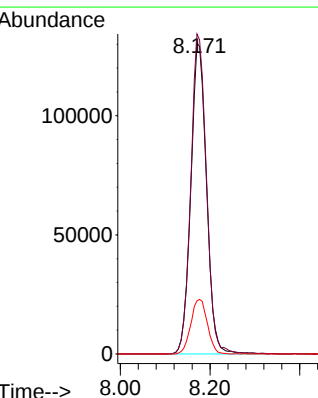
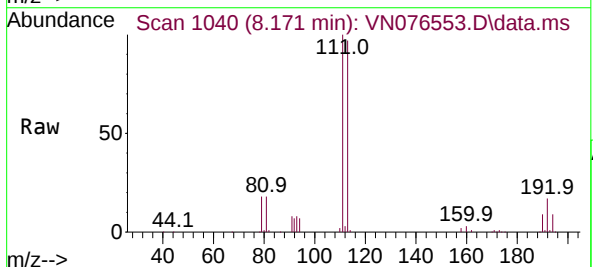
Tgt Ion:113 Resp: 316187

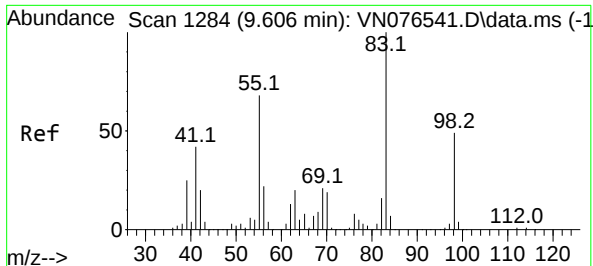
Ion Ratio Lower Upper

113 100

111 102.9 81.5 122.3

192 18.5 15.0 22.4





#39

Methylcyclohexane

Concen: 0.960 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076553.D

Acq: 06 Feb 2023 19:48

Instrument :

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ClientSampleId :

31962

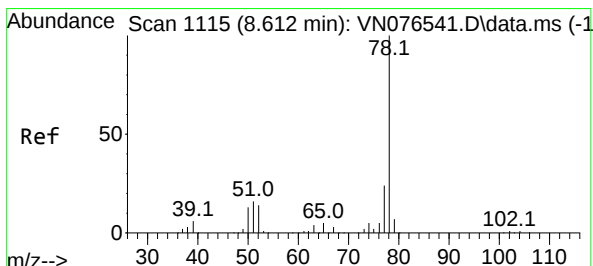
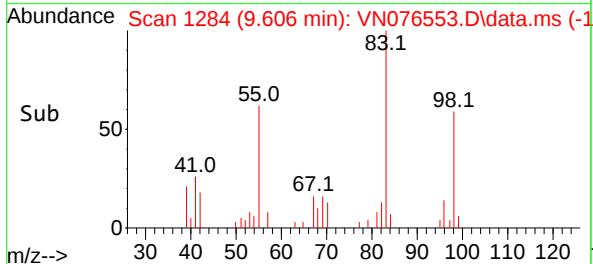
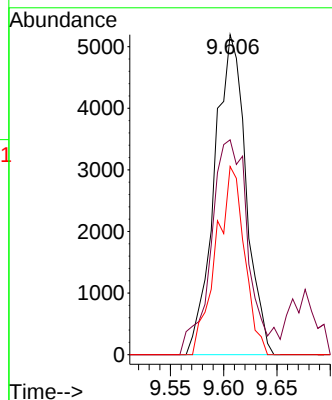
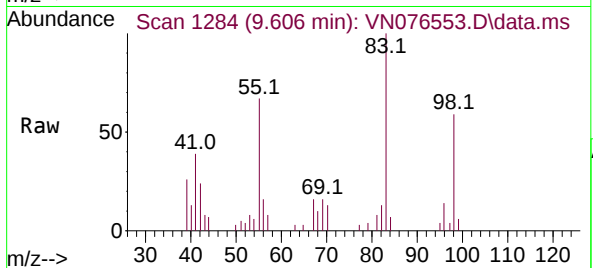
Tgt Ion: 83	Resp: 1069
Ion Ratio	Lower Upper
83	100
55	67.1 54.1 81.1
98	58.8 39.5 59.3

Manual Integrations

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Supervised By :Mahesh Dadoda 02/07/2023



#40

Benzene

Concen: 43.805 ug/l

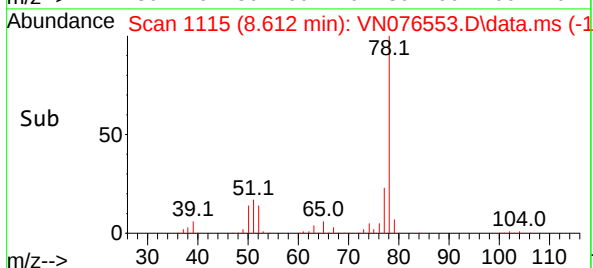
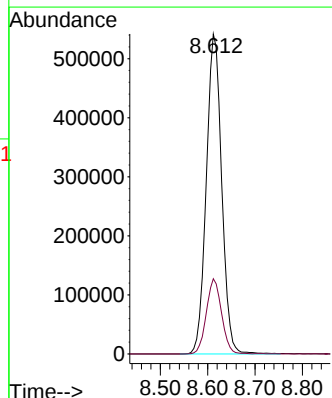
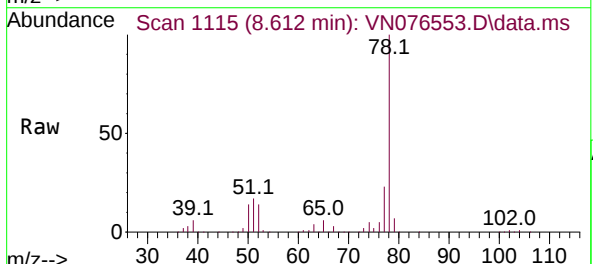
RT: 8.612 min Scan# 1115

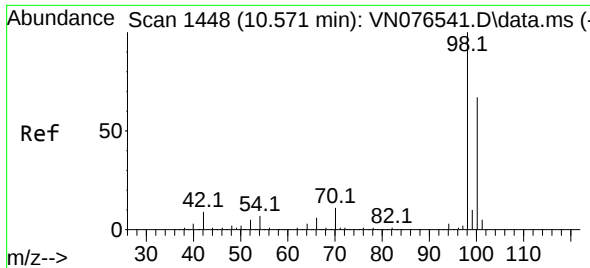
Delta R.T. -0.000 min

Lab File: VN076553.D

Acq: 06 Feb 2023 19:48

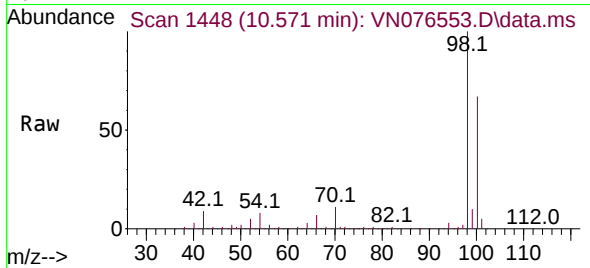
Tgt Ion: 78	Resp: 1224198
Ion Ratio	Lower Upper
78	100
77	23.5 19.0 28.6





#50
Toluene-d8
Concen: 48.921 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076553.D
Acq: 06 Feb 2023 19:48

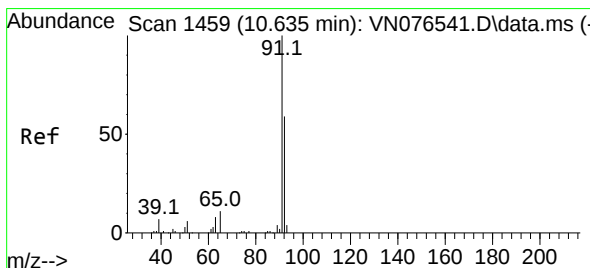
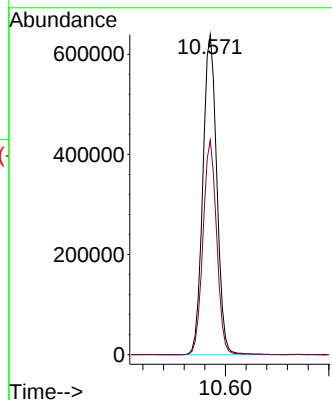
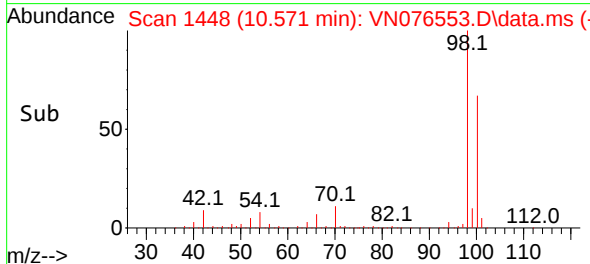
Instrument :
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Tgt Ion: 98 Resp: 1194128
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1

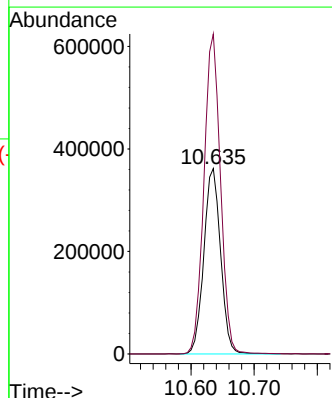
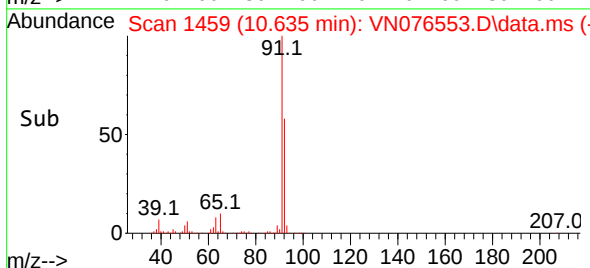
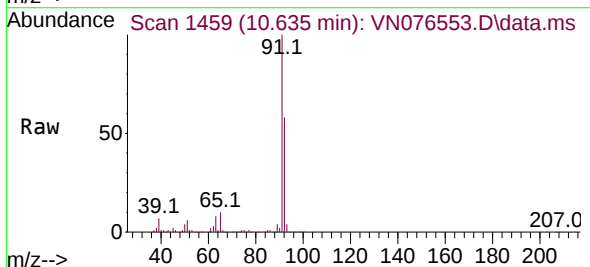
Manual Integrations
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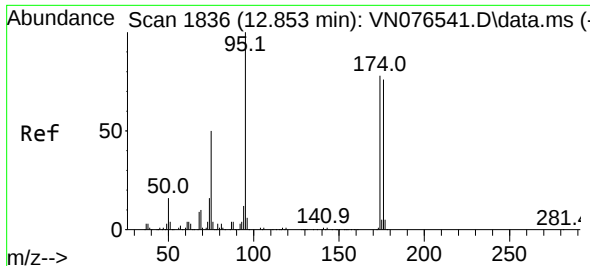
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#52
Toluene
Concen: 37.367 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076553.D
Acq: 06 Feb 2023 19:48

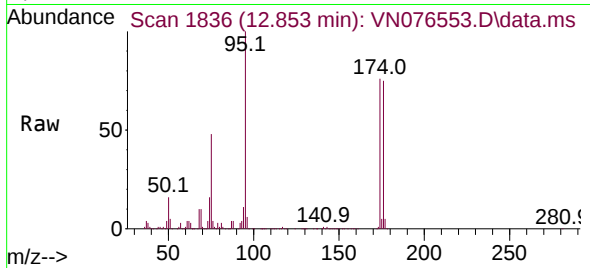
Tgt Ion: 92 Resp: 666500
Ion Ratio Lower Upper
92 100
91 170.6 136.8 205.2





#62
4-Bromofluorobenzene
Concen: 48.853 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076553.D
Acq: 06 Feb 2023 19:48

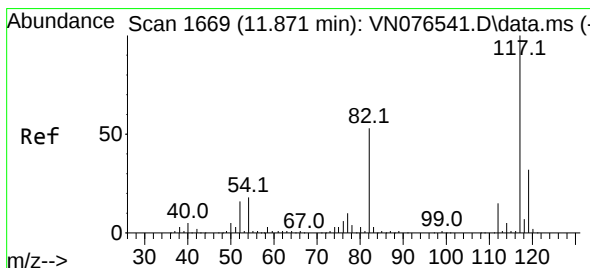
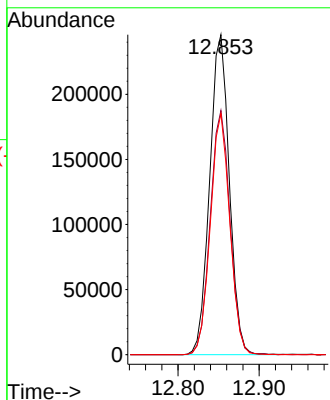
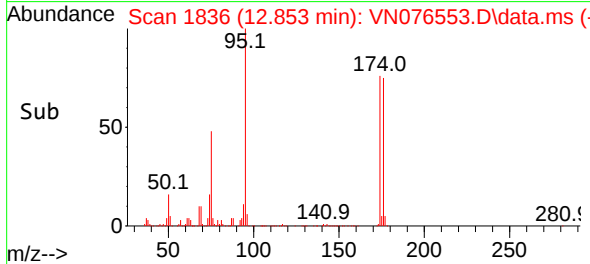
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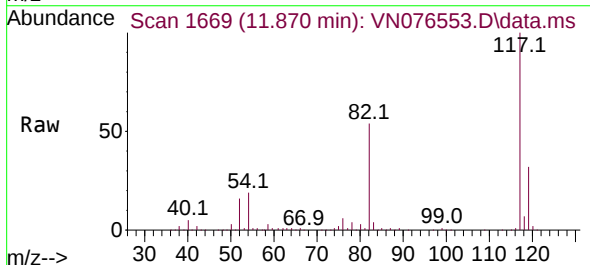
Tgt Ion: 95 Resp: 41329
Ion Ratio Lower Upper
95 100
174 77.1 0.0 153.4
176 74.5 0.0 149.0

Manual Integrations
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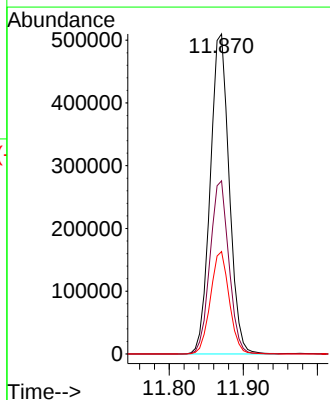
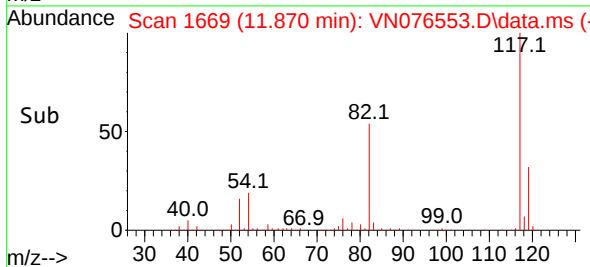
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

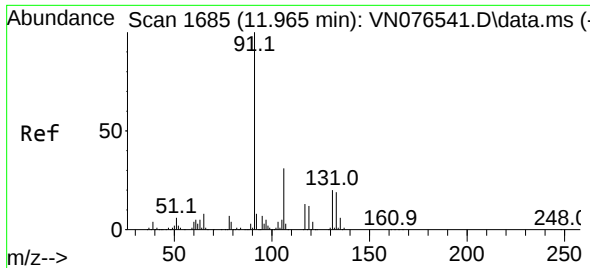


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN076553.D
Acq: 06 Feb 2023 19:48



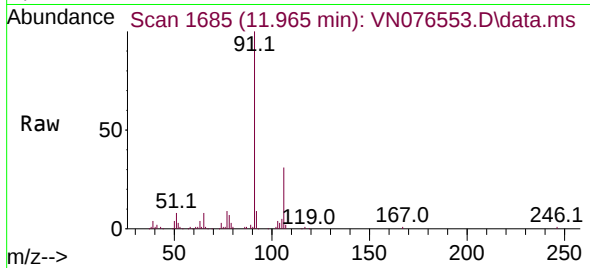
Tgt Ion:117 Resp: 904748
Ion Ratio Lower Upper
117 100
82 54.1 42.4 63.6
119 32.0 25.8 38.8





#67
Ethyl Benzene
Concen: 3.210 ug/l
RT: 11.965 min Scan# 1196
Delta R.T. -0.000 min
Lab File: VN076553.D
Acq: 06 Feb 2023 19:48

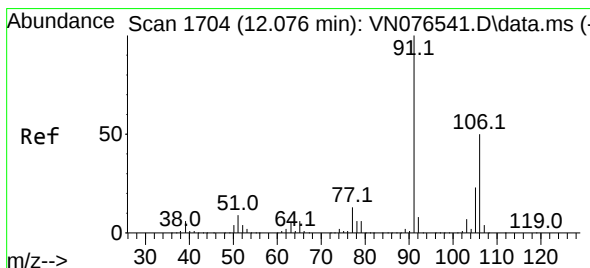
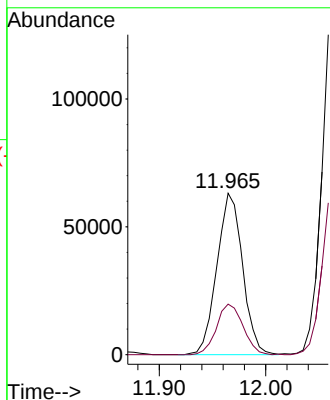
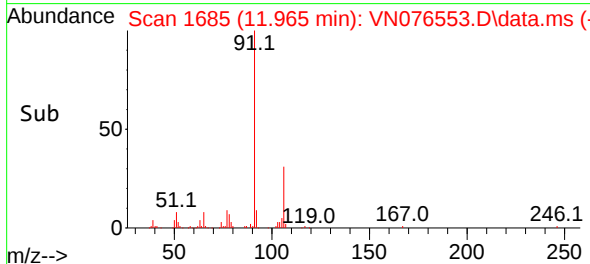
Instrument :
MSVOA_N
ClientSampleId :
31962



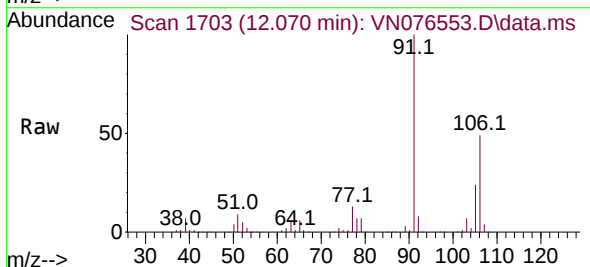
Tgt Ion: 91 Resp: 105710
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6

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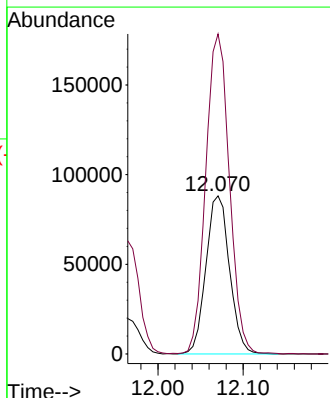
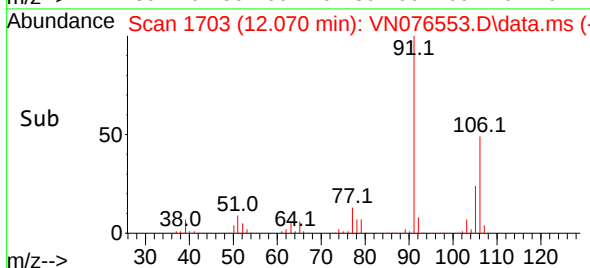
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

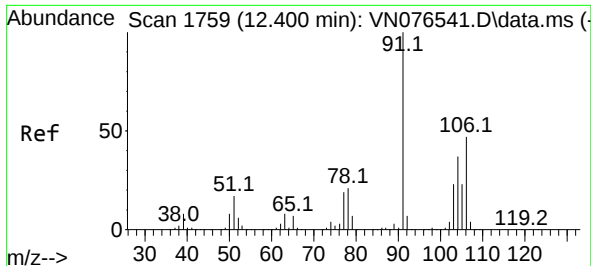


#68
m/p-Xylenes
Concen: 13.269 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076553.D
Acq: 06 Feb 2023 19:48



Tgt Ion:106 Resp: 169483
Ion Ratio Lower Upper
106 100
91 202.9 160.2 240.4





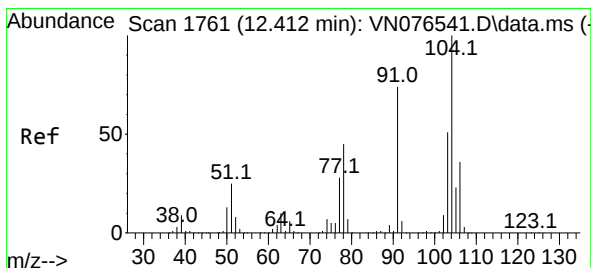
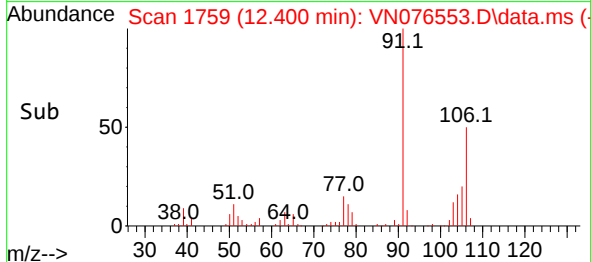
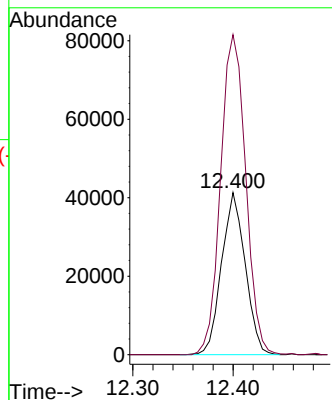
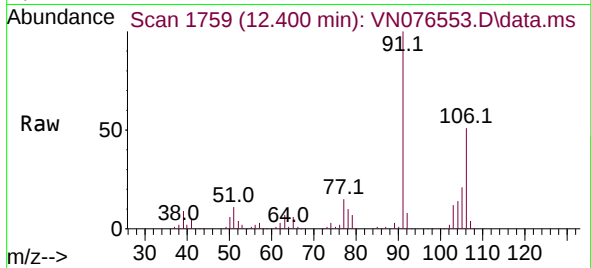
#69
o-Xylene
Concen: 5.385 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076553.D
Acq: 06 Feb 2023 19:48

Instrument :
MSVOA_N
ClientSampleId :
31962

Tgt Ion:106 Resp: 6760
Ion Ratio Lower Upper
106 100
91 209.7 105.7 317.0

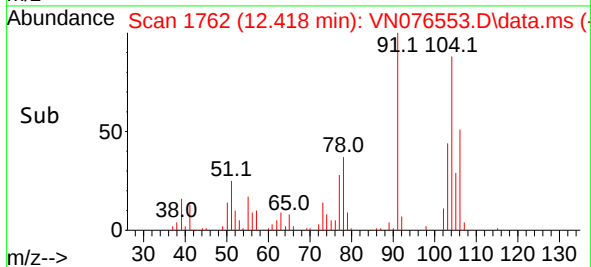
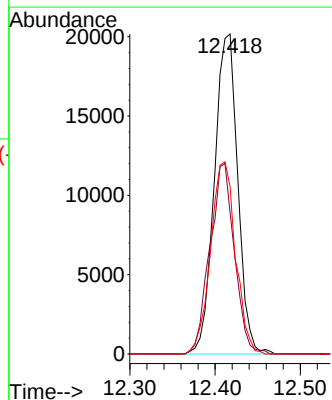
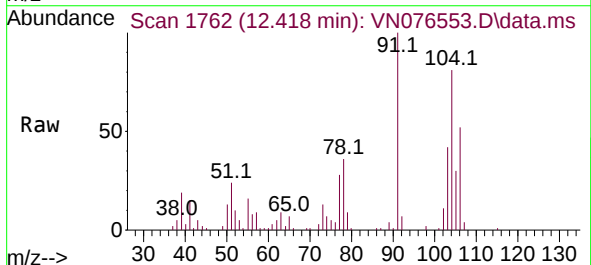
Manual Integrations
APPROVED

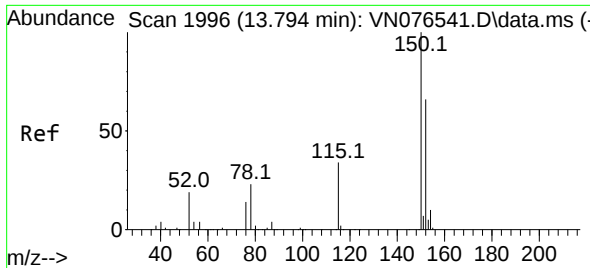
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#70
Styrene
Concen: 1.928 ug/l
RT: 12.418 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN076553.D
Acq: 06 Feb 2023 19:48

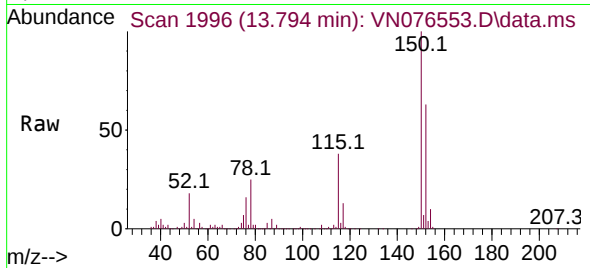
Tgt Ion:104 Resp: 38491
Ion Ratio Lower Upper
104 100
78 62.2 38.6 58.0#
103 63.9 43.6 65.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076553.D
Acq: 06 Feb 2023 19:48

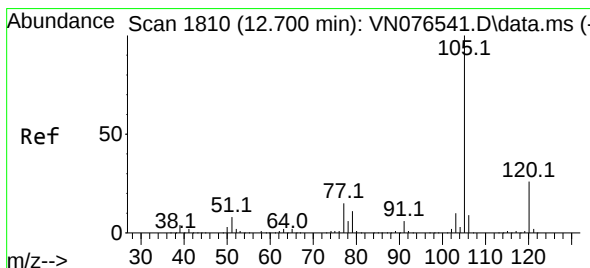
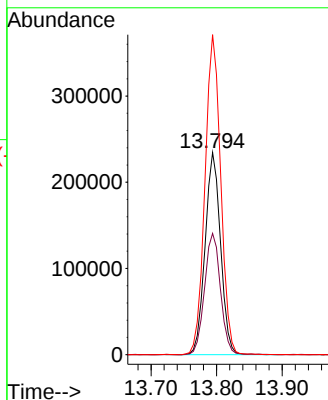
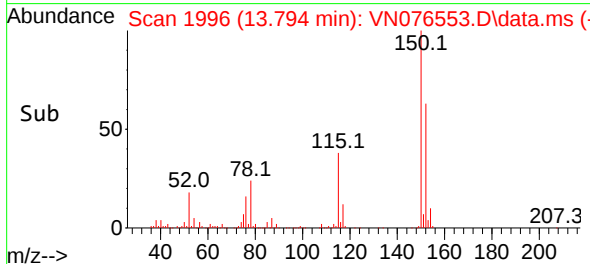
Instrument :
MSVOA_N
ClientSampleId :
31962



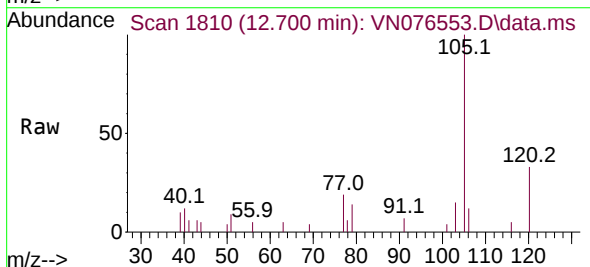
Tgt Ion:152 Resp: 384728
Ion Ratio Lower Upper
152 100
115 61.7 30.5 91.5
150 161.1 0.0 352.0

Manual Integrations
APPROVED

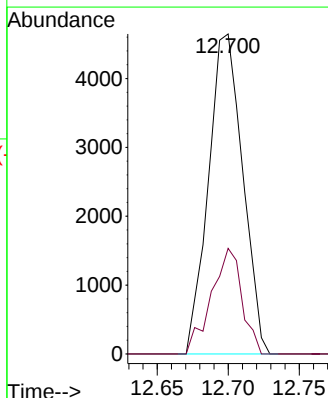
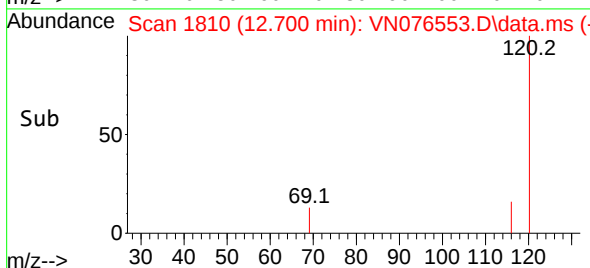
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

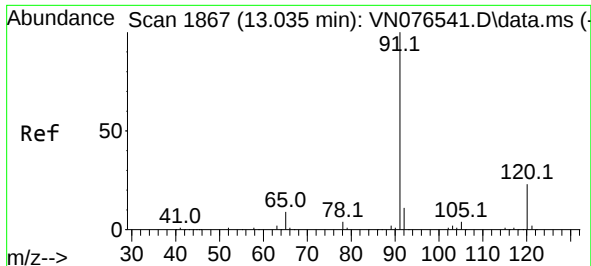


#73
Isopropylbenzene
Concen: 0.254 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076553.D
Acq: 06 Feb 2023 19:48



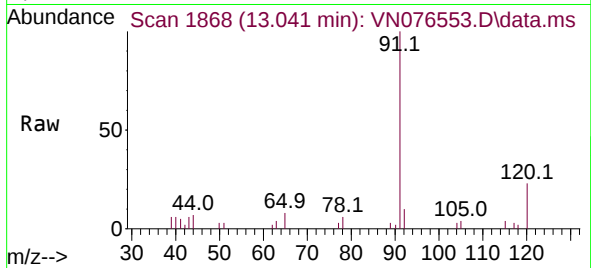
Tgt Ion:105 Resp: 7792
Ion Ratio Lower Upper
105 100
120 29.4 13.0 39.0





#78
n-propylbenzene
Concen: 0.415 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN076553.D
Acq: 06 Feb 2023 19:48

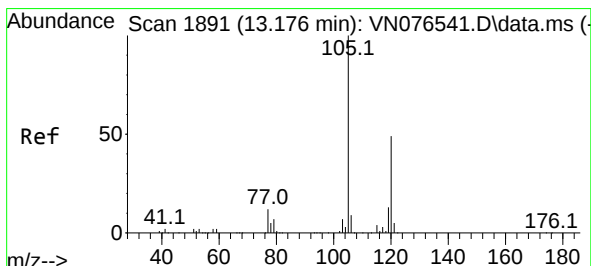
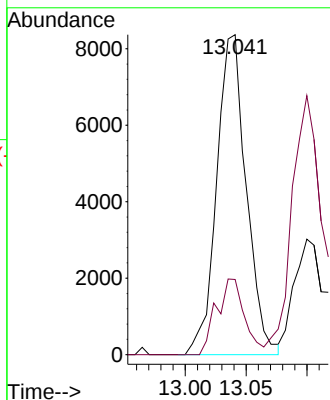
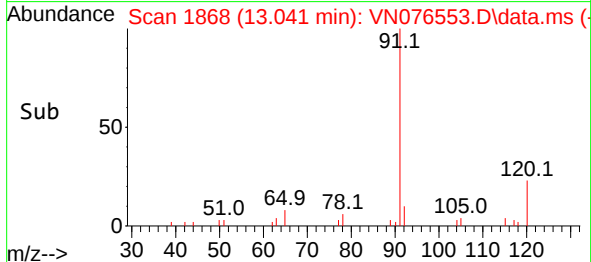
Instrument :
MSVOA_N
ClientSampleId :
31962



Tgt Ion: 91 Resp: 14170
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.5

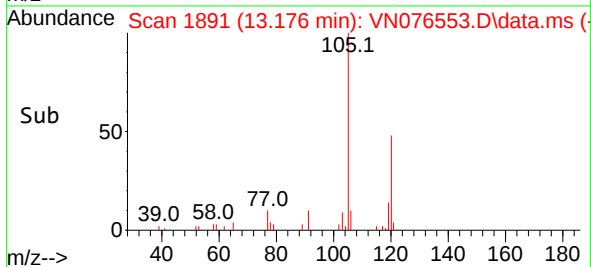
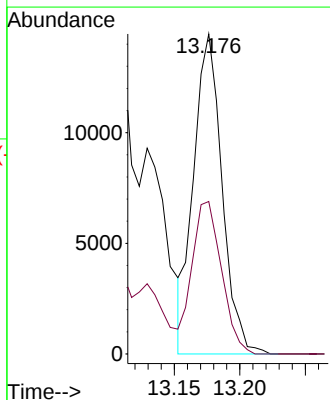
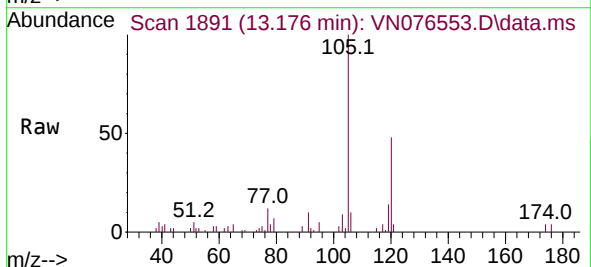
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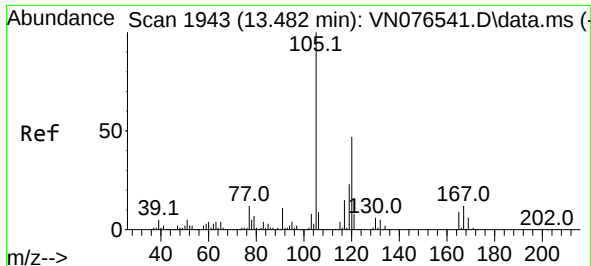
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 0.839 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076553.D
Acq: 06 Feb 2023 19:48

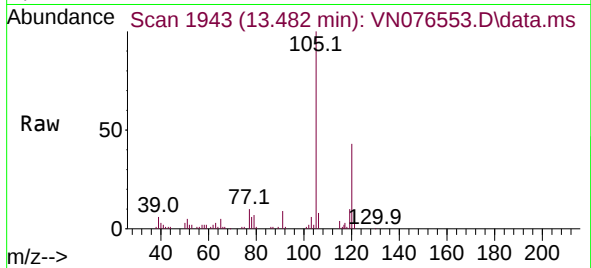
Tgt Ion:105 Resp: 21823
Ion Ratio Lower Upper
105 100
120 49.4 24.2 72.6





#84
1,2,4-Trimethylbenzene
Concen: 2.330 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN076553.D
Acq: 06 Feb 2023 19:48

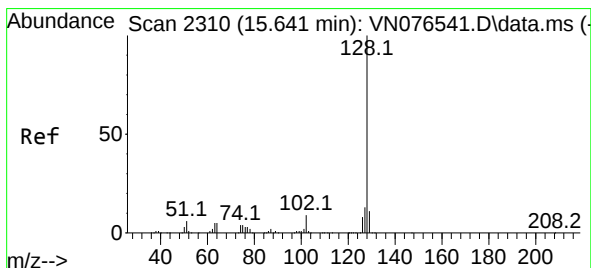
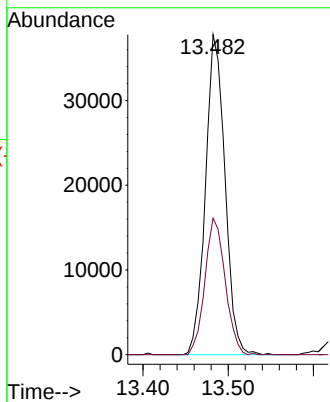
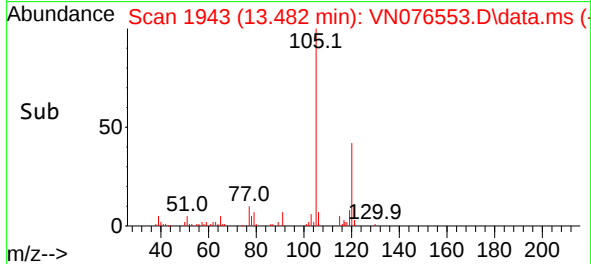
Instrument :
MSVOA_N
ClientSampleId :
31962



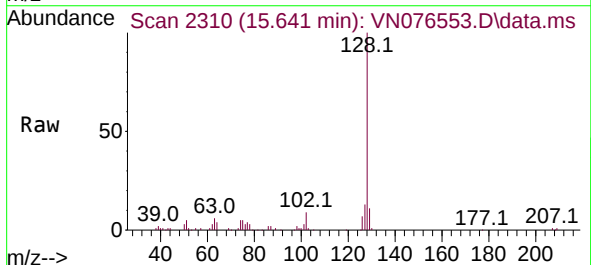
Tgt Ion:105 Resp: 60090
Ion Ratio Lower Upper
105 100
120 44.4 22.5 67.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#95
Naphthalene
Concen: 5.359 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076553.D
Acq: 06 Feb 2023 19:48



Tgt Ion:128 Resp: 91232
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 11.9 8.7 13.1

