

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084087.D
 Acq On : 21 Sep 2024 03:47
 Operator : JC\MD
 Sample : P4103-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14-5-7.5B

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/23/2024
 Supervised By :Mahesh Dadoda 09/23/2024

Quant Time: Sep 21 05:24:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	149058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	264749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	118871	52.888	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.780%			
35) Dibromofluoromethane	8.165	113	85757	50.597	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.200%			
50) Toluene-d8	10.565	98	323344	55.184	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.360%			
62) 4-Bromofluorobenzene	12.847	95	121667	50.329	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.660%			
Target Compounds					Qvalue	
16) Acetone	4.424	43	55771	61.899	ug/l #	89
20) Methylene Chloride	5.271	84	4724m	2.562	ug/l	
25) 2-Butanone	7.488	43	15349	12.961	ug/l #	88
39) Methylcyclohexane	9.600	83	10858	3.739	ug/l	88
40) Benzene	8.606	78	10716	1.396	ug/l	98
43) Isopropyl Acetate	8.688	43	34684m	8.266	ug/l	
52) Toluene	10.629	92	319639	68.057	ug/l	98
67) Ethyl Benzene	11.965	91	647690	70.998	ug/l	99
68) m/p-Xylenes	12.065	106	812138	239.787	ug/l	99
69) o-Xylene	12.400	106	450467	137.389	ug/l	99
73) Isopropylbenzene	12.694	105	113854	14.150	ug/l	99
78) n-propylbenzene	13.035	91	380891	40.686	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	205918	30.355	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	762013	111.827	ug/l	99
95) Naphthalene	15.641	128	232401	40.353	ug/l	99

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

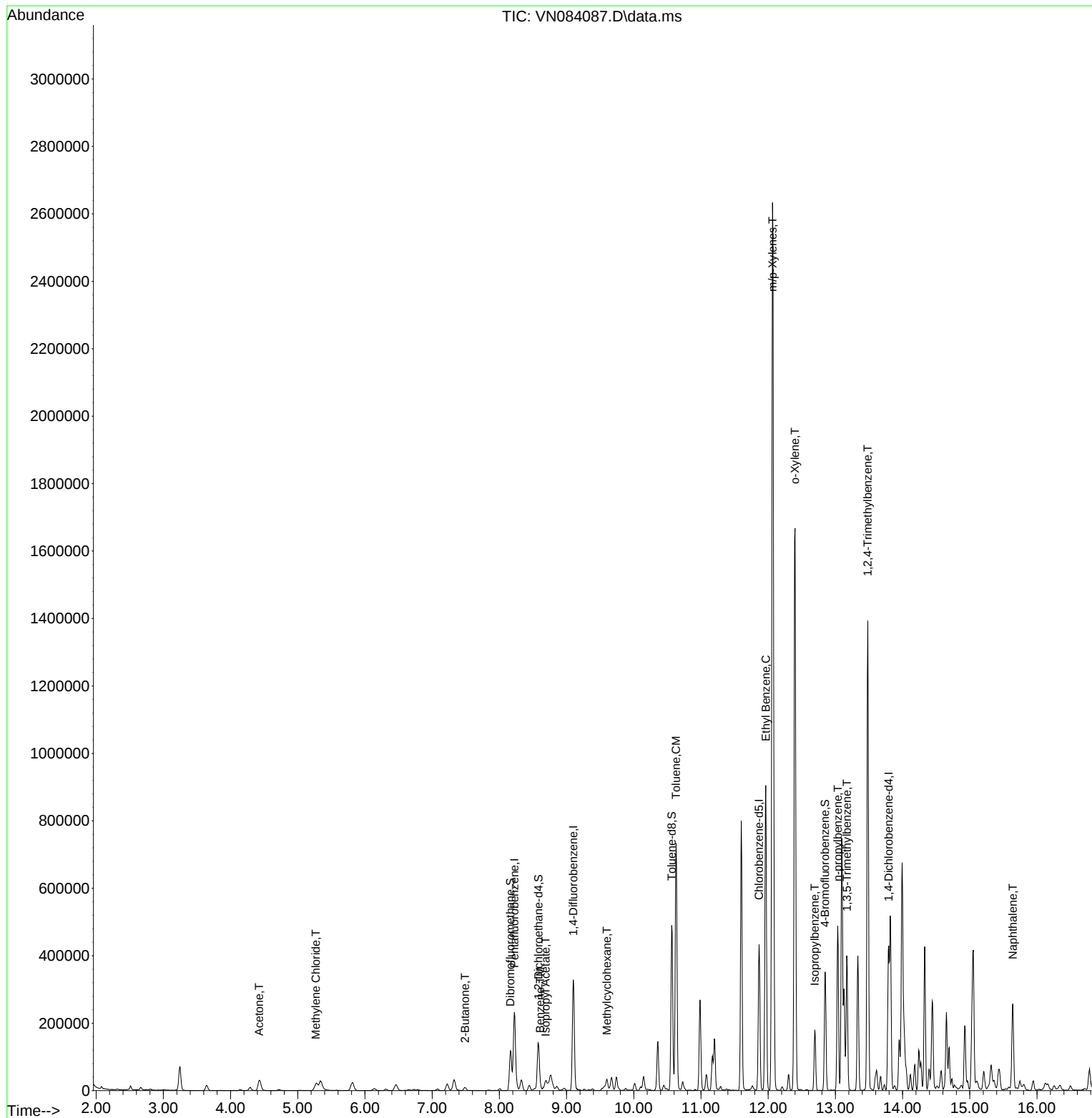
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
Data File : VN084087.D
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WC-14-5-7.5B

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
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Manual Integrations
APPROVED

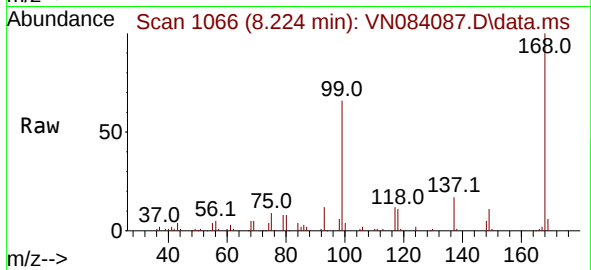
Reviewed By : John Carlone 09/23/2024
Supervised By : Mahesh Dadoda 09/23/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

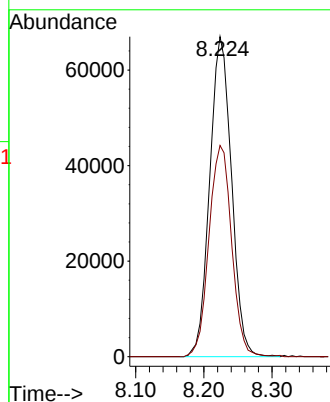
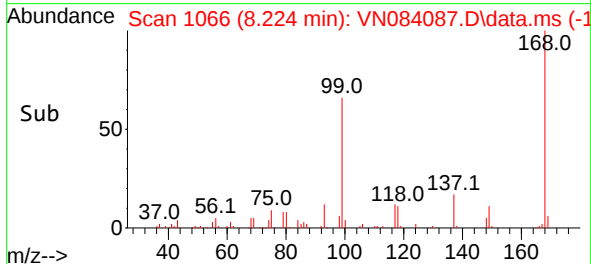
Instrument :
MSVOA_N
ClientSampleId :
WC-14-5-7.5B



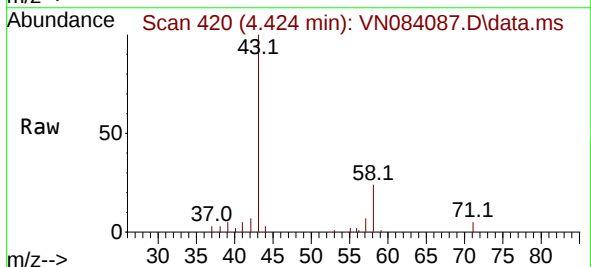
Tgt Ion:168 Resp: 149058
Ion Ratio Lower Upper
168 100
99 66.0 54.2 81.2

Manual Integrations
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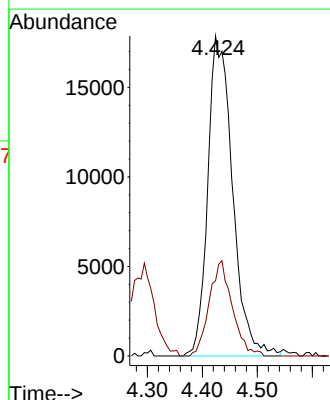
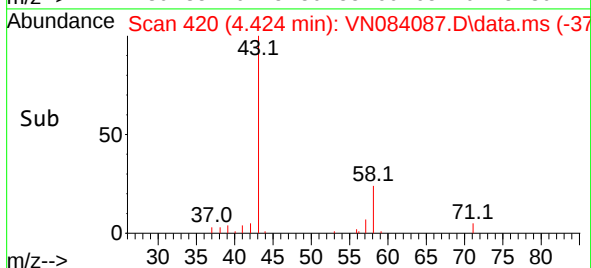
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

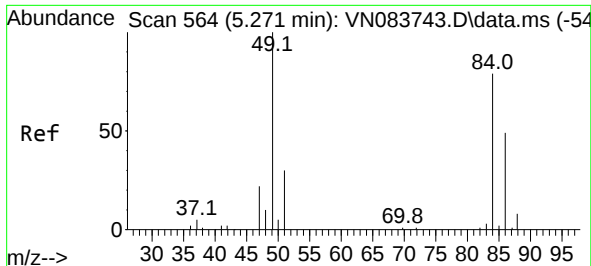


#16
Acetone
Concen: 61.899 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47



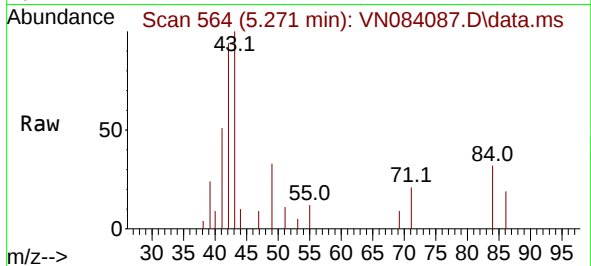
Tgt Ion: 43 Resp: 55771
Ion Ratio Lower Upper
43 100
58 23.5 23.7 35.5#





#20
Methylene Chloride
Concen: 2.562 ug/l m
RT: 5.271 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

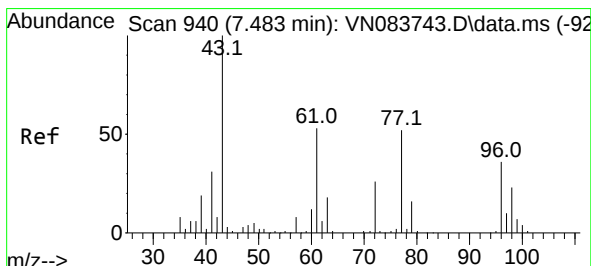
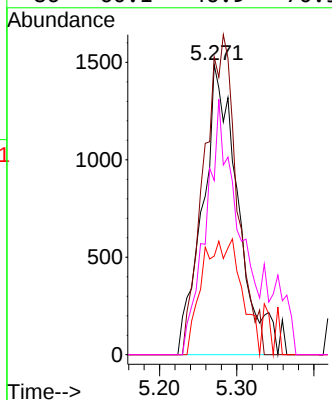
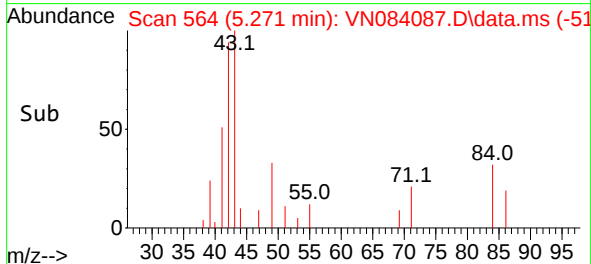
Instrument :
MSVOA_N
ClientSampleId :
WC-14-5-7.5B



Tgt Ion: 84 Resp: 4724
Ion Ratio Lower Upper
84 100
49 102.7 93.4 140.0
51 34.0 29.2 43.8
86 60.1 46.9 70.3

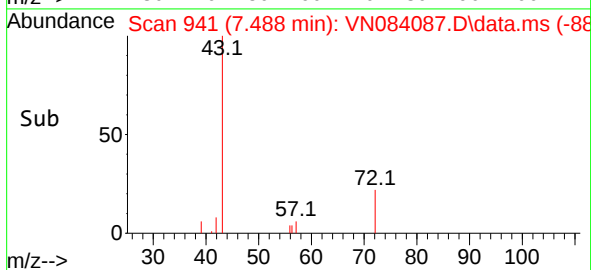
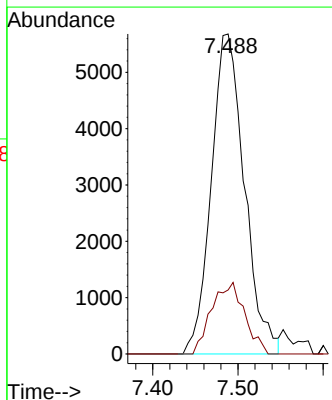
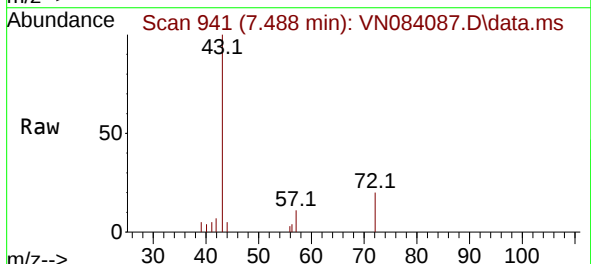
Manual Integrations
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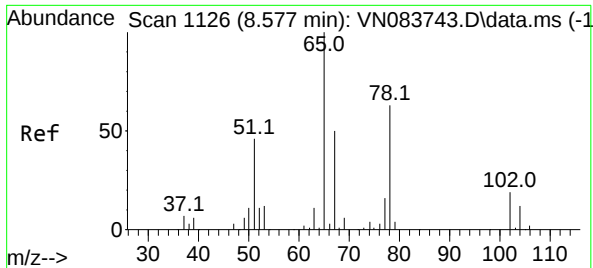
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#25
2-Butanone
Concen: 12.961 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

Tgt Ion: 43 Resp: 15349
Ion Ratio Lower Upper
43 100
72 20.0 20.8 31.2#





#33
1,2-Dichloroethane-d4
Concen: 52.888 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

Instrument :

MSVOA_N

ClientSampleId :

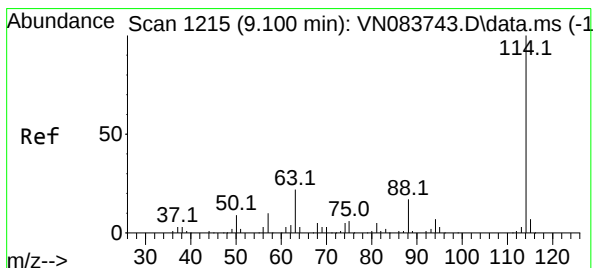
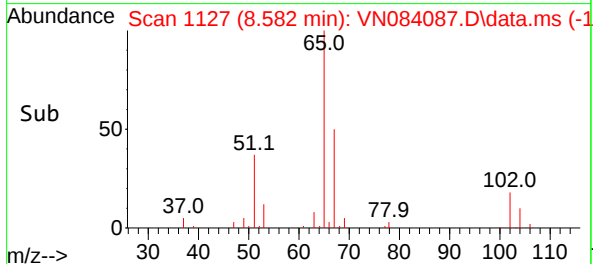
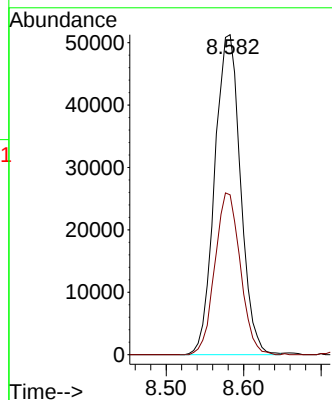
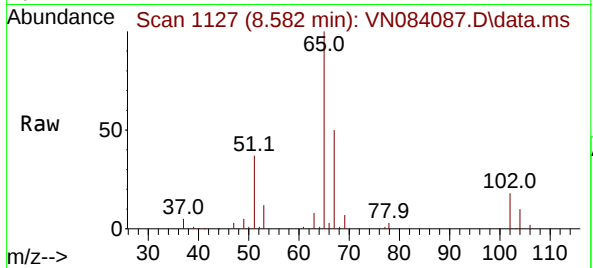
WC-14-5-7.5B

Tgt Ion: 65 Resp: 11887
Ion Ratio Lower Upper
65 100
67 49.7 0.0 100.8

Manual Integrations

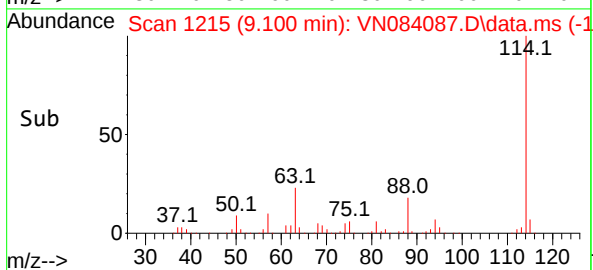
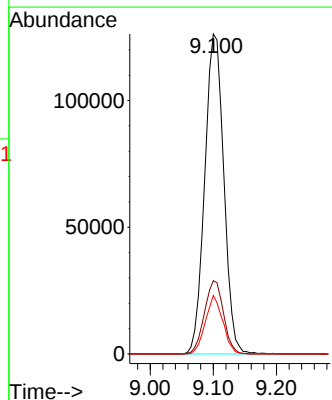
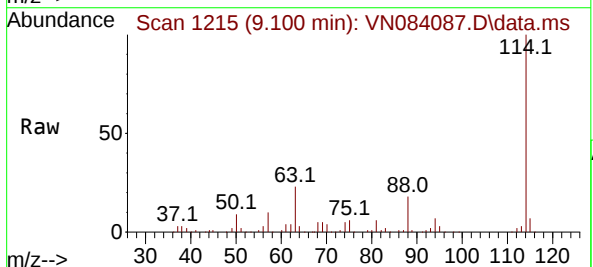
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Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

Tgt Ion:114 Resp: 264749
Ion Ratio Lower Upper
114 100
63 22.9 0.0 43.4
88 18.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.597 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084087.D

Acq: 21 Sep 2024 03:47

Instrument :

MSVOA_N

ClientSampleId :

WC-14-5-7.5B

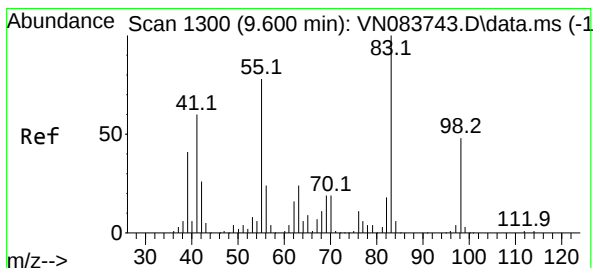
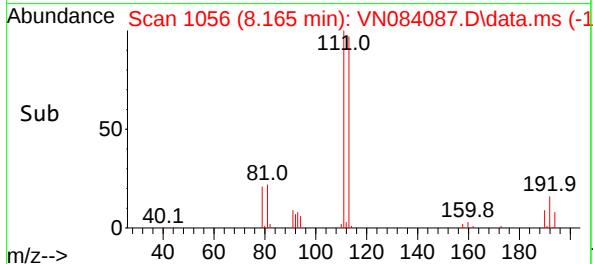
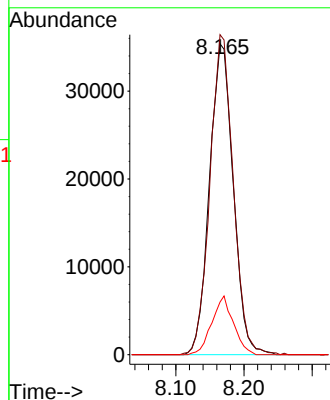
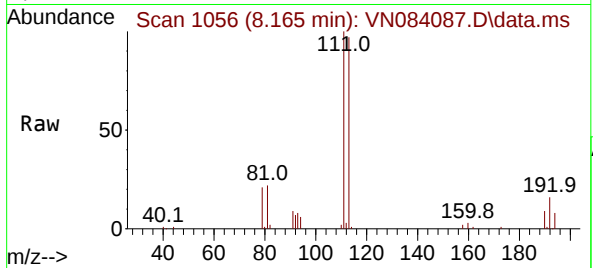
Tgt Ion:	113	Resp:	8575
Ion Ratio	Lower	Upper	
113	100		
111	100.9	82.6	124.0
192	17.2	14.3	21.5

Manual Integrations

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Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#39

Methylcyclohexane

Concen: 3.739 ug/l

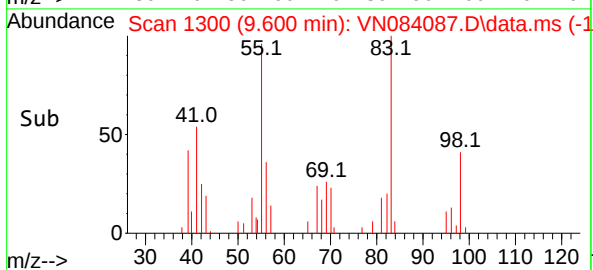
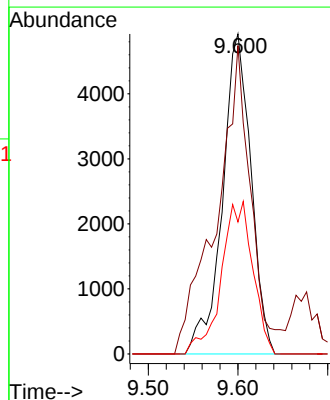
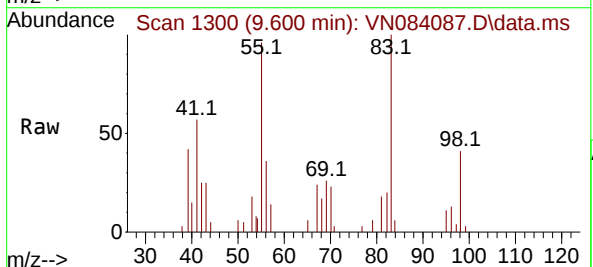
RT: 9.600 min Scan# 1300

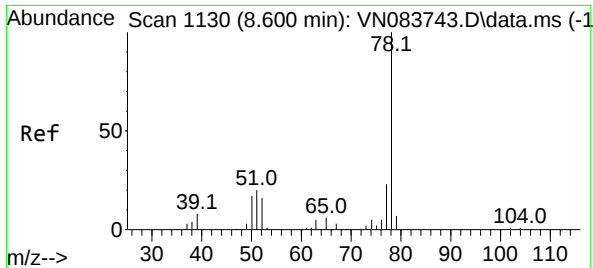
Delta R.T. -0.000 min

Lab File: VN084087.D

Acq: 21 Sep 2024 03:47

Tgt Ion:	83	Resp:	10858
Ion Ratio	Lower	Upper	
83	100		
55	90.0	62.2	93.4
98	41.2	37.6	56.4





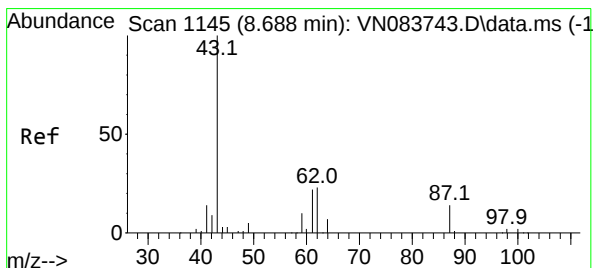
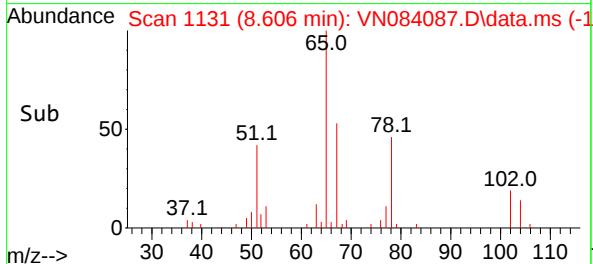
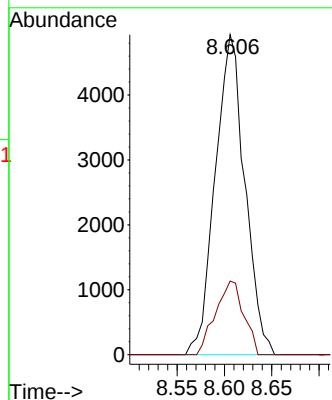
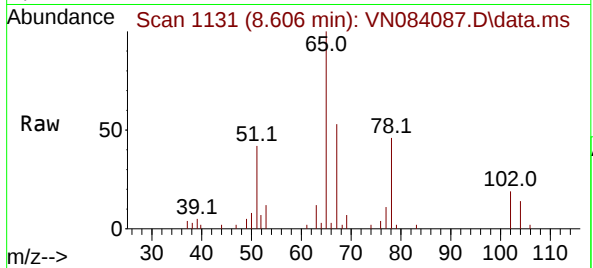
#40
Benzene
Concen: 1.396 ug/l
RT: 8.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

Instrument :
MSVOA_N
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WC-14-5-7.5B

Tgt Ion: 78 Resp: 10710
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6

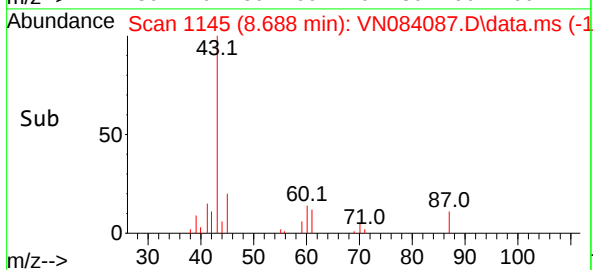
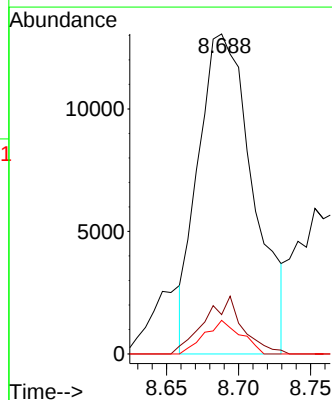
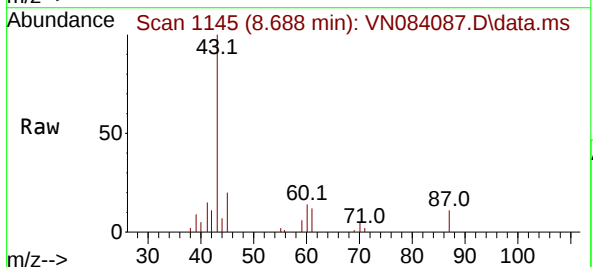
Manual Integrations
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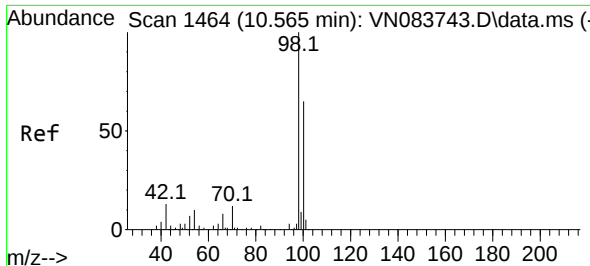
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#43
Isopropyl Acetate
Concen: 8.266 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

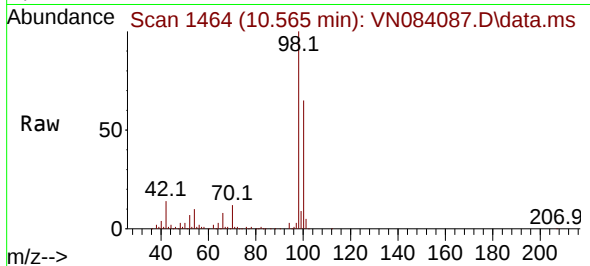
Tgt Ion: 43 Resp: 34684
Ion Ratio Lower Upper
43 100
61 12.6 19.4 29.0#
87 7.0 9.8 14.6#





#50
Toluene-d8
Concen: 55.184 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

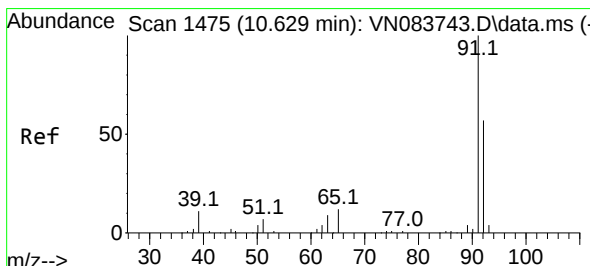
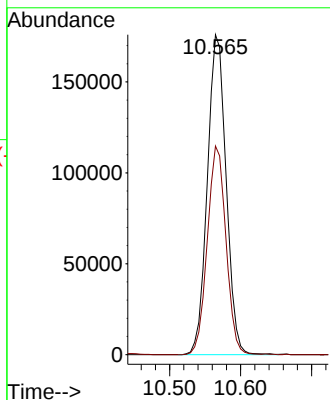
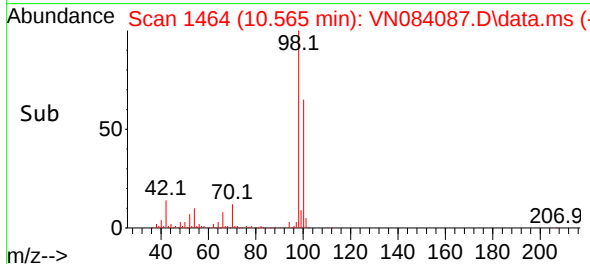
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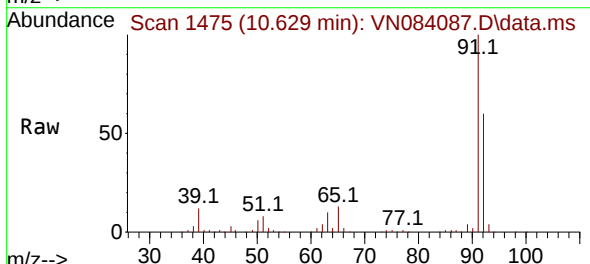
Tgt Ion: 98 Resp: 323344
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

Manual Integrations
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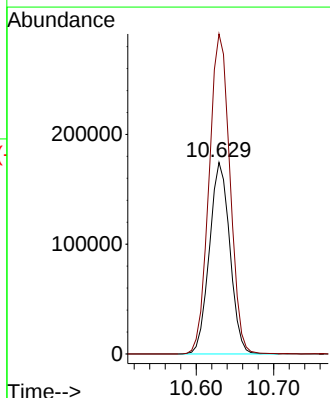
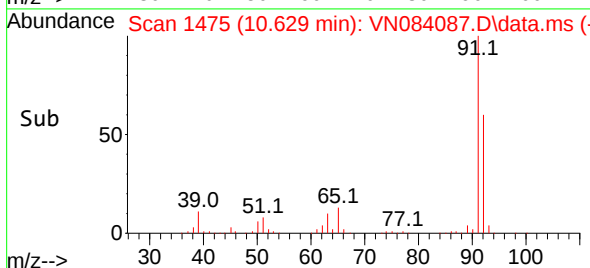
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

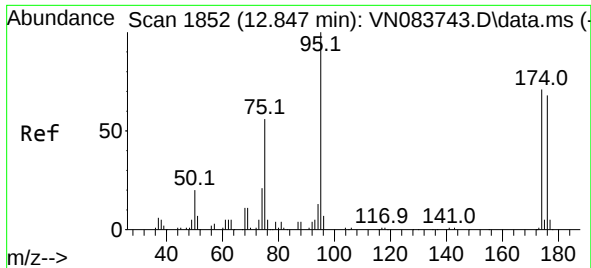


#52
Toluene
Concen: 68.057 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47



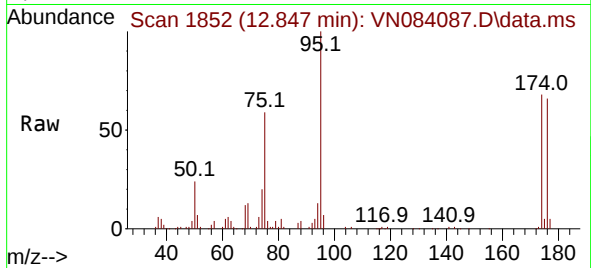
Tgt Ion: 92 Resp: 319639
Ion Ratio Lower Upper
92 100
91 170.8 134.7 202.1





#62
4-Bromofluorobenzene
Concen: 50.329 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

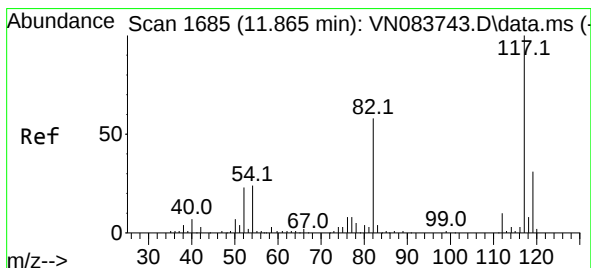
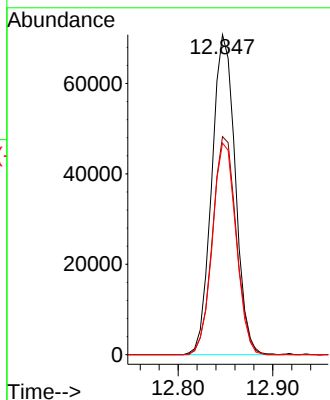
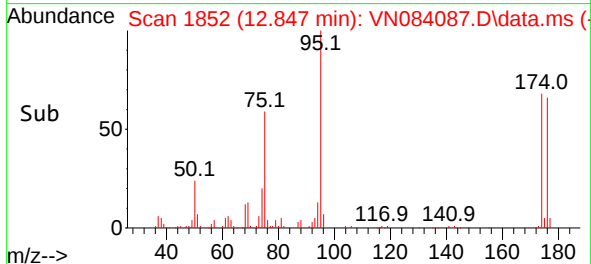
Instrument :
MSVOA_N
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WC-14-5-7.5B



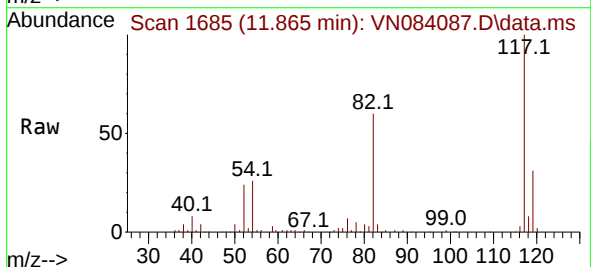
Tgt Ion: 95 Resp: 12166
Ion Ratio Lower Upper
95 100
174 69.4 0.0 139.8
176 66.8 0.0 131.4

Manual Integrations
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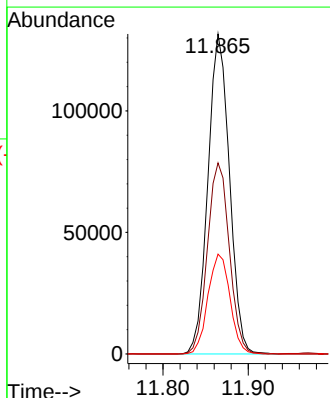
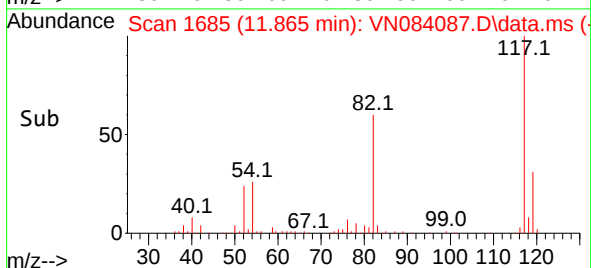
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

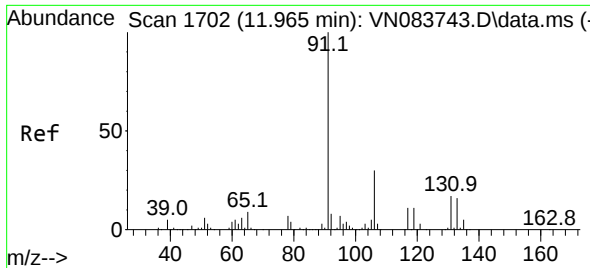


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47



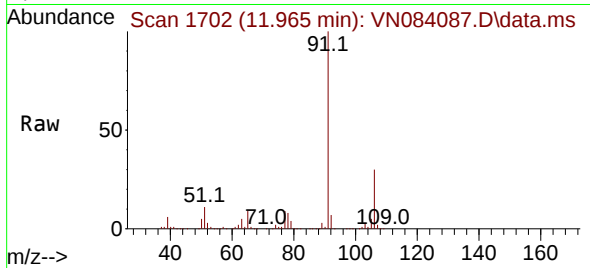
Tgt Ion:117 Resp: 231059
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.0
119 31.2 26.3 39.5





#67
Ethyl Benzene
Concen: 70.998 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

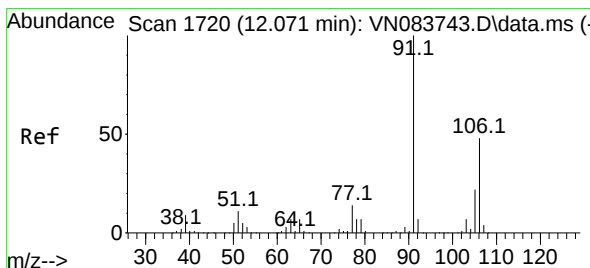
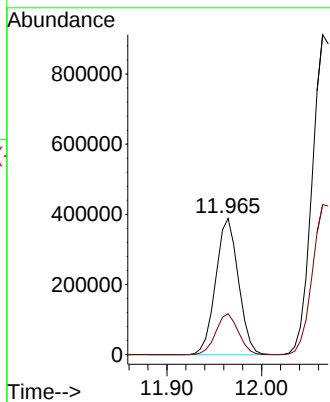
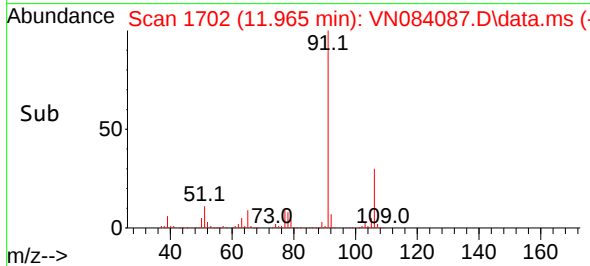
Instrument :
MSVOA_N
ClientSampleId :
WC-14-5-7.5B



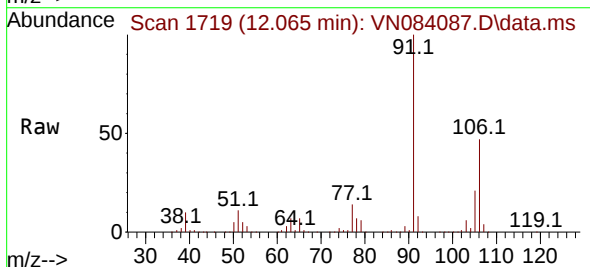
Tgt Ion: 91 Resp: 647690
Ion Ratio Lower Upper
91 100
106 30.1 24.3 36.5

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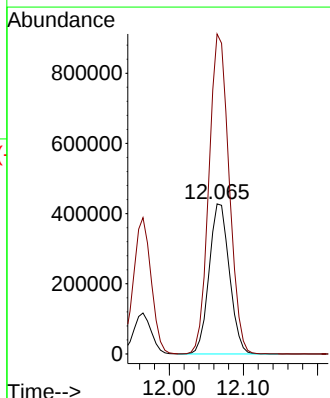
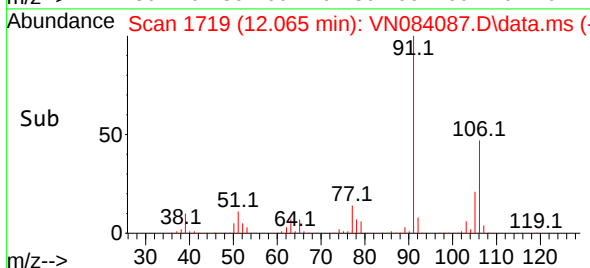
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

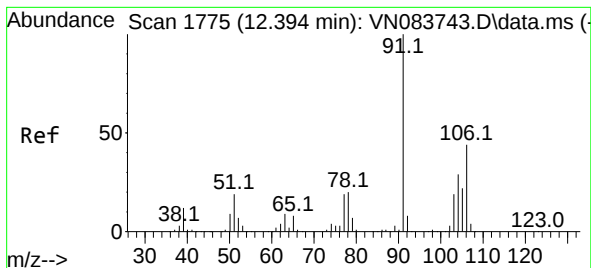


#68
m/p-Xylenes
Concen: 239.787 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47



Tgt Ion:106 Resp: 812138
Ion Ratio Lower Upper
106 100
91 212.4 169.2 253.8





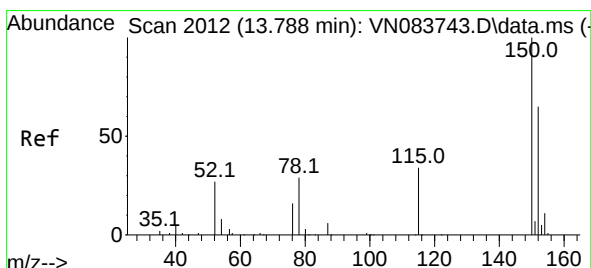
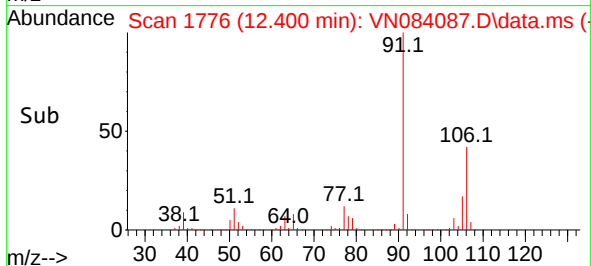
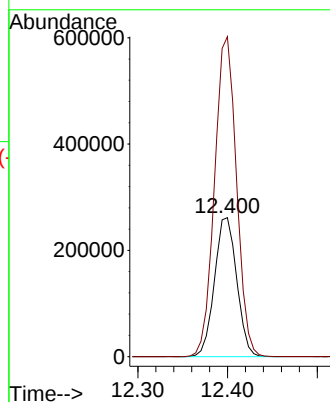
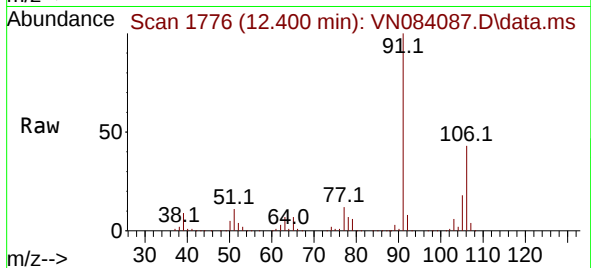
#69
o-Xylene
Concen: 137.389 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

Instrument :
MSVOA_N
ClientSampleId :
WC-14-5-7.5B

Tgt Ion:106 Resp: 45046
Ion Ratio Lower Upper
106 100
91 227.2 112.9 338.6

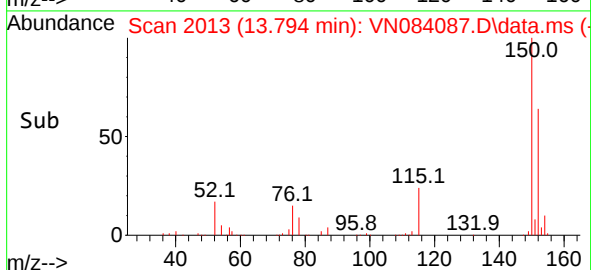
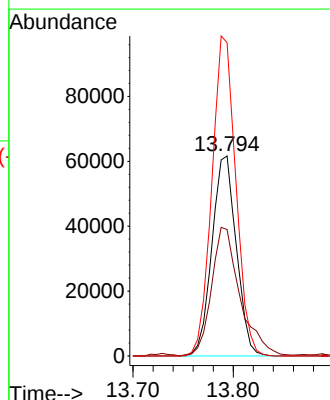
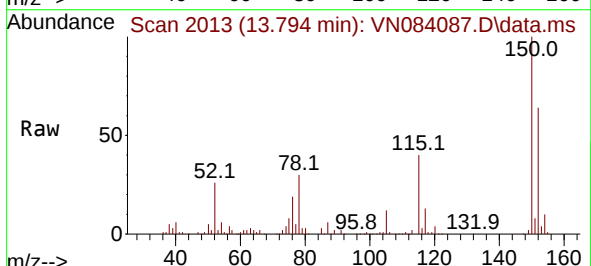
Manual Integrations
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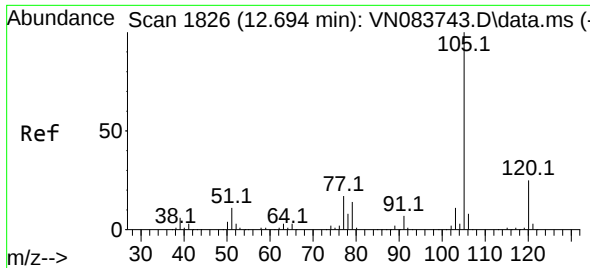
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

Tgt Ion:152 Resp: 104000
Ion Ratio Lower Upper
152 100
115 75.4 32.2 96.6
150 157.4 0.0 348.6





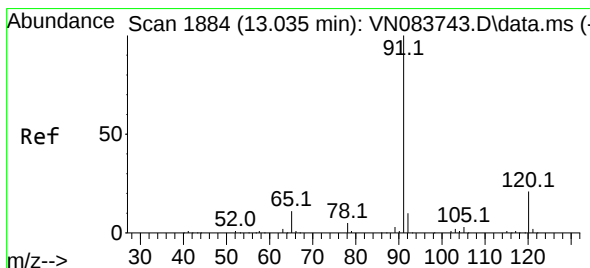
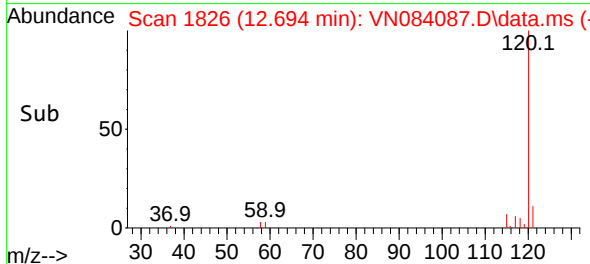
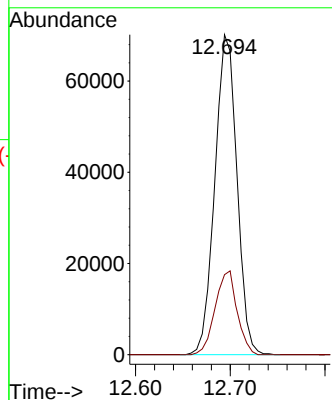
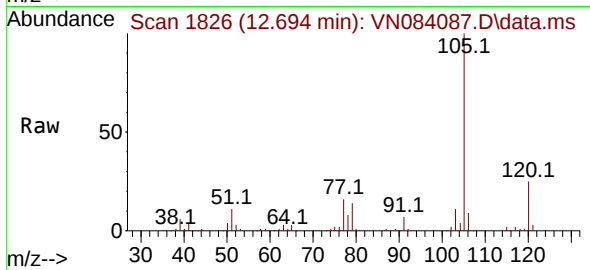
#73
Isopropylbenzene
Concen: 14.150 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

Instrument :
MSVOA_N
ClientSampleId :
WC-14-5-7.5B

Tgt Ion:105 Resp: 113854
Ion Ratio Lower Upper
105 100
120 25.9 12.6 37.8

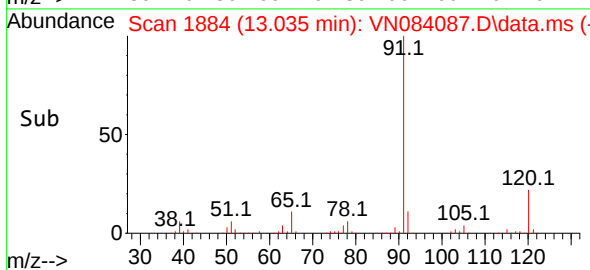
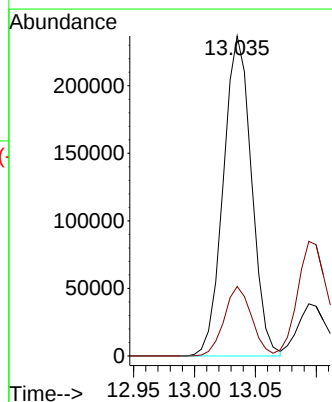
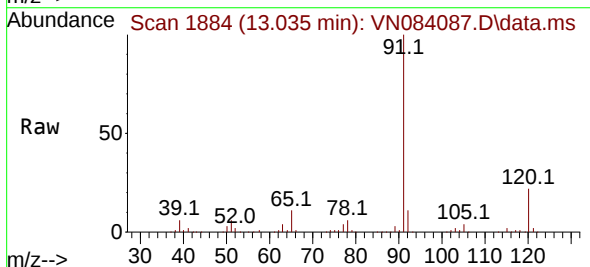
Manual Integrations
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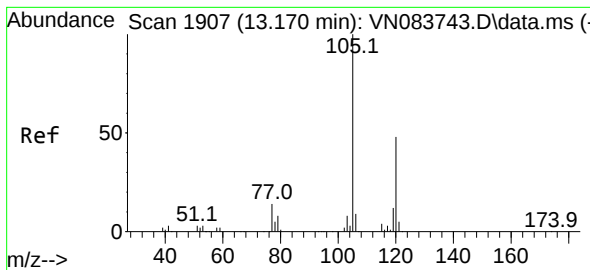
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#78
n-propylbenzene
Concen: 40.686 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

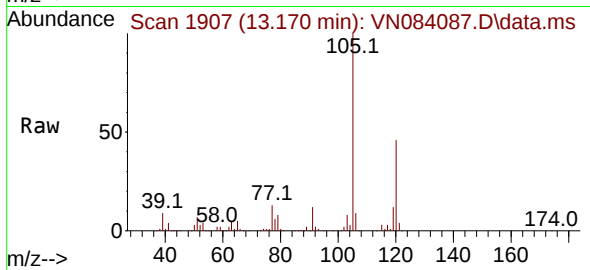
Tgt Ion: 91 Resp: 380891
Ion Ratio Lower Upper
91 100
120 21.1 11.0 33.0





#80
 1,3,5-Trimethylbenzene
 Concen: 30.355 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VN084087.D
 Acq: 21 Sep 2024 03:47

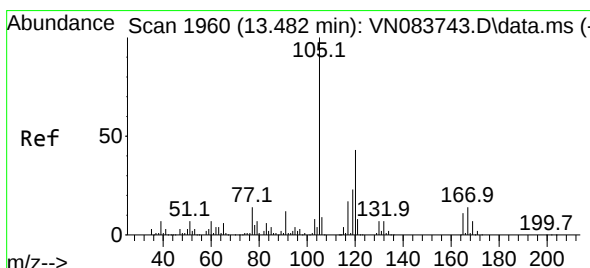
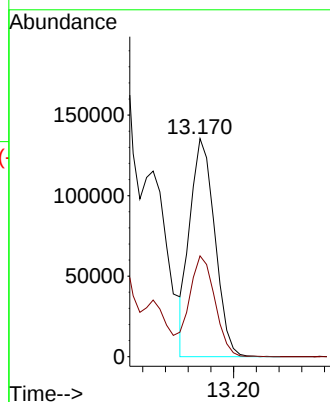
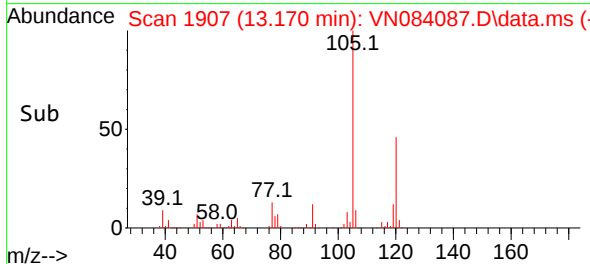
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14-5-7.5B



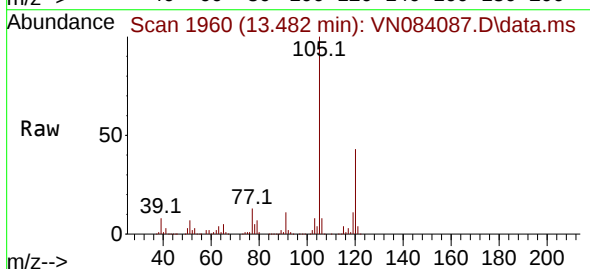
Tgt Ion:105 Resp: 205918
 Ion Ratio Lower Upper
 105 100
 120 48.6 23.4 70.3

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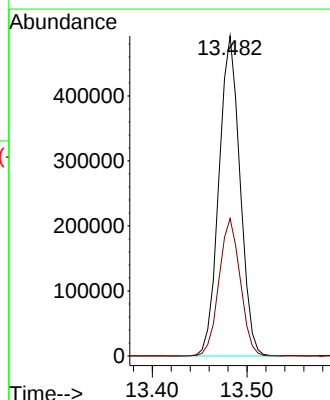
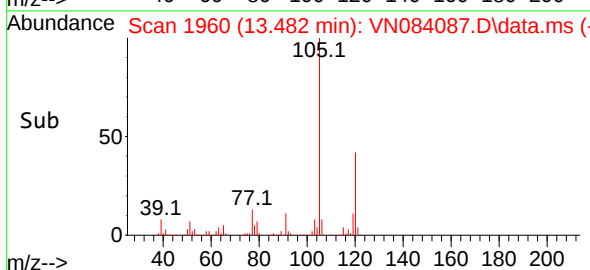
Reviewed By :John Carbone 09/23/2024
 Supervised By :Mahesh Dadoda 09/23/2024

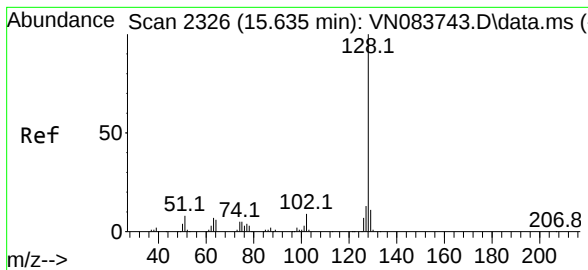


#84
 1,2,4-Trimethylbenzene
 Concen: 111.827 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN084087.D
 Acq: 21 Sep 2024 03:47



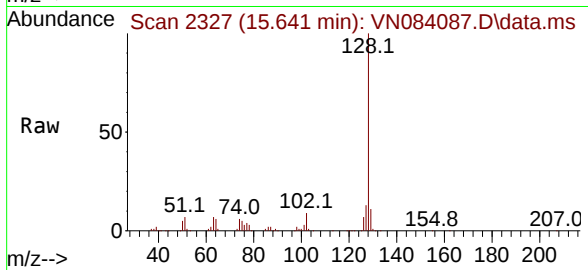
Tgt Ion:105 Resp: 762013
 Ion Ratio Lower Upper
 105 100
 120 43.0 21.8 65.4





#95
Naphthalene
Concen: 40.353 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN084087.D
Acq: 21 Sep 2024 03:47

Instrument :
MSVOA_N
ClientSampleId :
WC-14-5-7.5B



Tgt Ion:128 Resp: 23240
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 11.1 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

