

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084090.D
 Acq On : 21 Sep 2024 04:59
 Operator : JC\MD
 Sample : P4103-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-23

Manual Integrations
 APPROVED

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

Quant Time: Sep 21 05:56:43 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	168102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	292104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	107540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127517	50.308	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.620%			
35) Dibromofluoromethane	8.171	113	92978	49.721	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.440%			
50) Toluene-d8	10.565	98	355216	54.947	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.900%			
62) 4-Bromofluorobenzene	12.847	95	128242	48.081	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.160%			
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	49757	48.968	ug/l	99
20) Methylene Chloride	5.265	84	4521	2.174	ug/l #	91
25) 2-Butanone	7.483	43	9483	7.101	ug/l	99
43) Isopropyl Acetate	8.688	43	147392m	31.836	ug/l	
67) Ethyl Benzene	11.965	91	71509	7.214	ug/l	94
68) m/p-Xylenes	12.065	106	63512	17.258	ug/l	99
69) o-Xylene	12.400	106	8220	2.307	ug/l	96
73) Isopropylbenzene	12.694	105	12842	1.544	ug/l	98
78) n-propylbenzene	13.035	91	38652	3.993	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	23630	3.369	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	87041	12.353	ug/l	99
95) Naphthalene	15.641	128	31385	5.270	ug/l	98

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

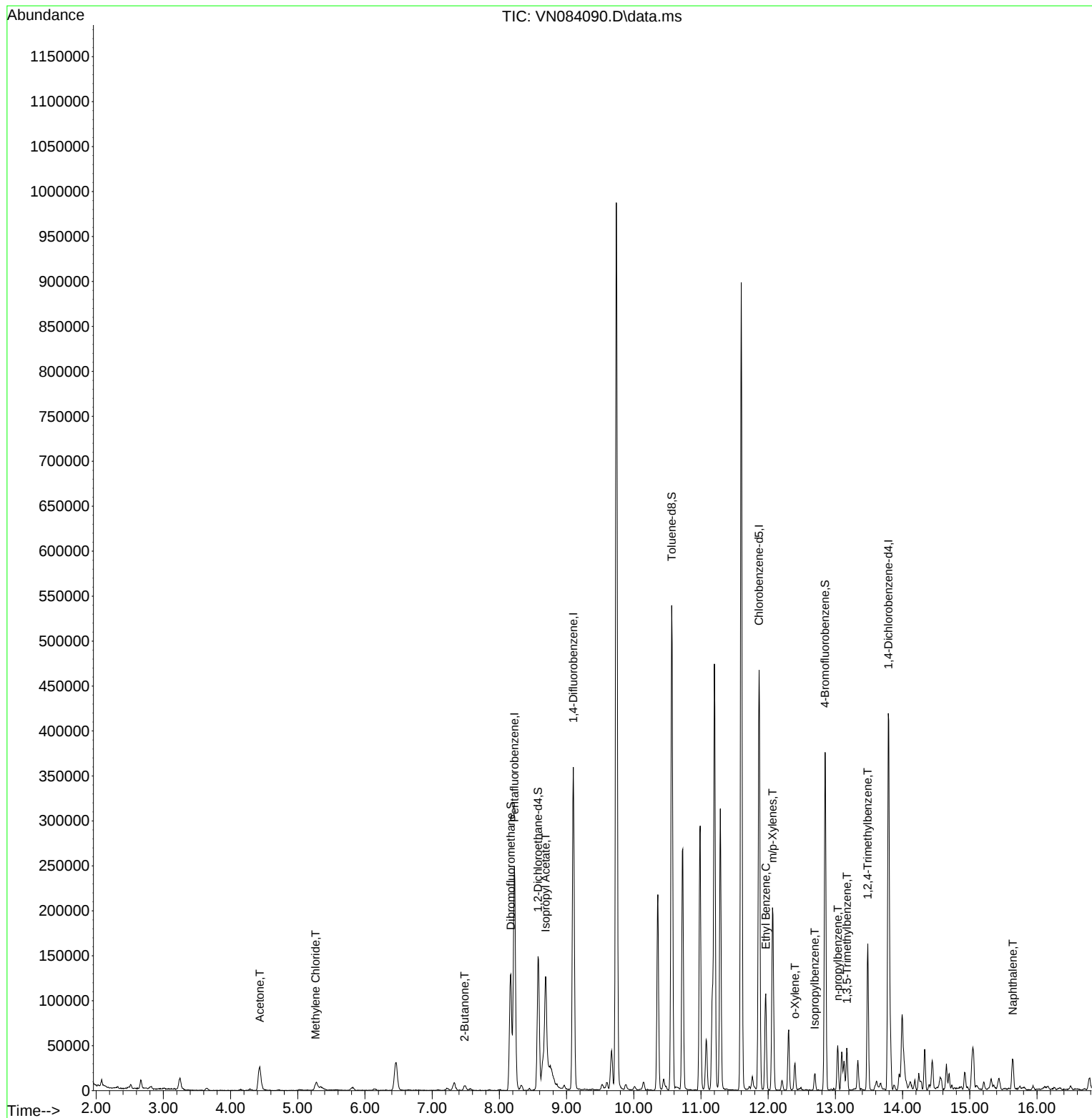
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
Data File : VN084090.D
Acq On : 21 Sep 2024 04:59
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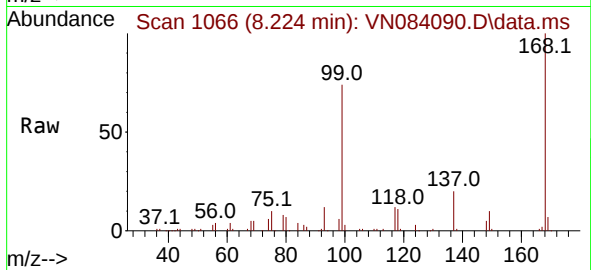
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084090.D
Acq: 21 Sep 2024 04:59

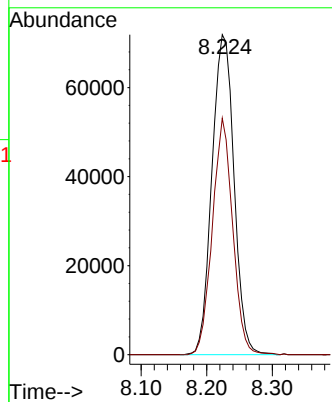
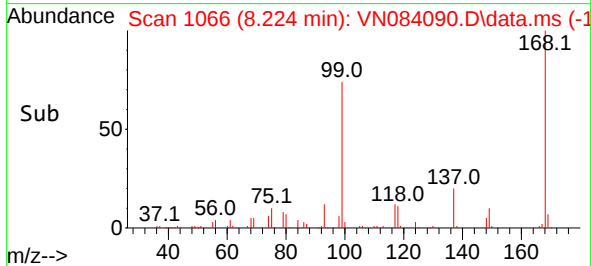
Instrument :
MSVOA_N
ClientSampleId :
WC-23



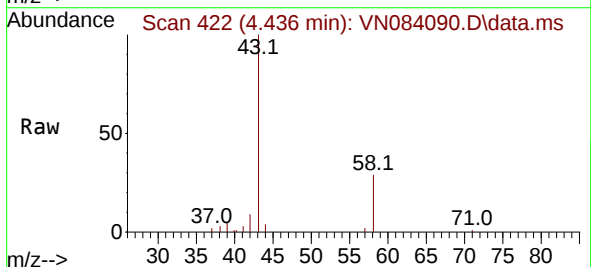
Tgt Ion:168 Resp: 16810
Ion Ratio Lower Upper
168 100
99 73.9 54.2 81.2

Manual Integrations
APPROVED

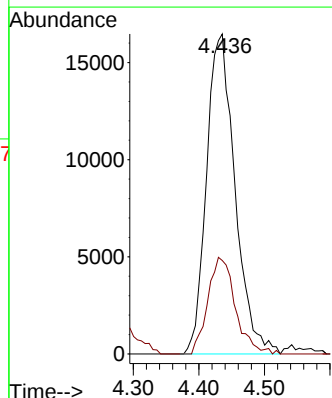
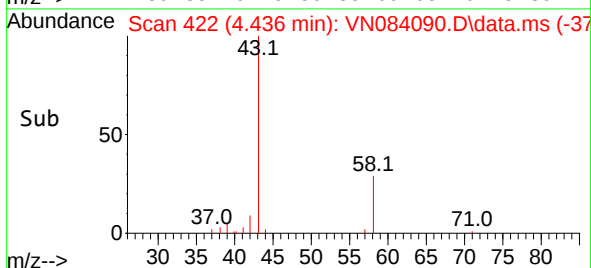
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

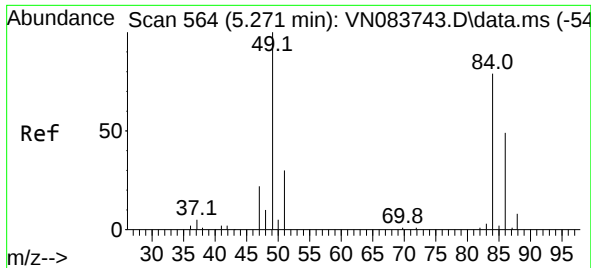


#16
Acetone
Concen: 48.968 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN084090.D
Acq: 21 Sep 2024 04:59



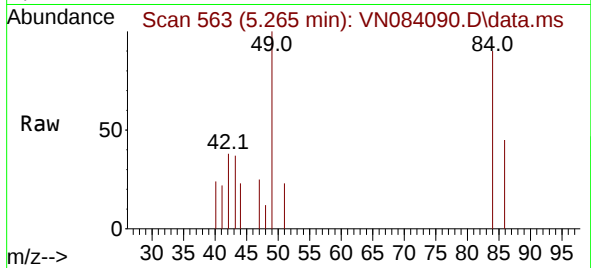
Tgt Ion: 43 Resp: 49757
Ion Ratio Lower Upper
43 100
58 29.2 23.7 35.5





#20
Methylene Chloride
Concen: 2.174 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN084090.D
Acq: 21 Sep 2024 04:59

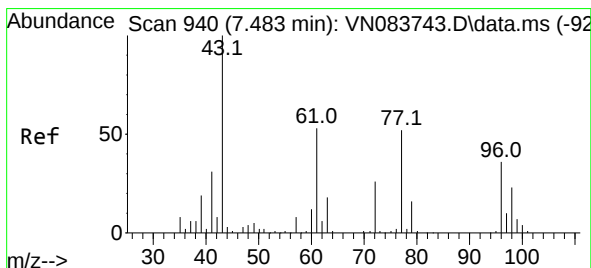
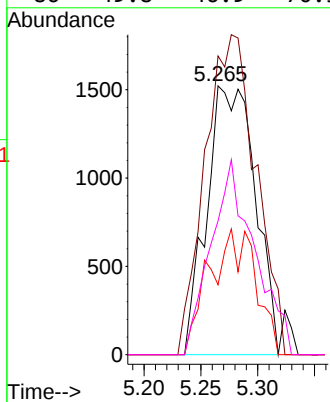
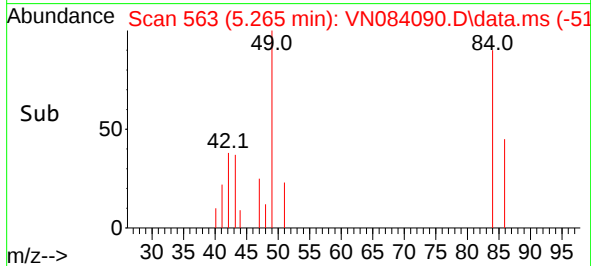
Instrument :
MSVOA_N
ClientSampleId :
WC-23



Tgt Ion: 84 Resp: 452
Ion Ratio Lower Upper
84 100
49 111.2 93.4 140.0
51 26.0 29.2 43.8
86 49.8 46.9 70.3

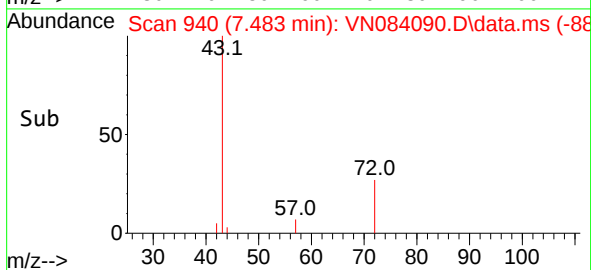
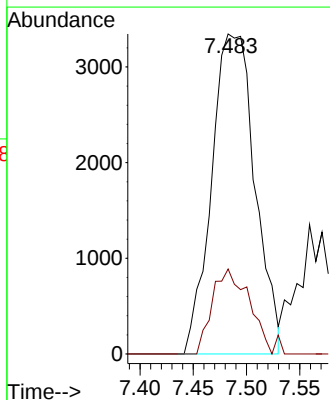
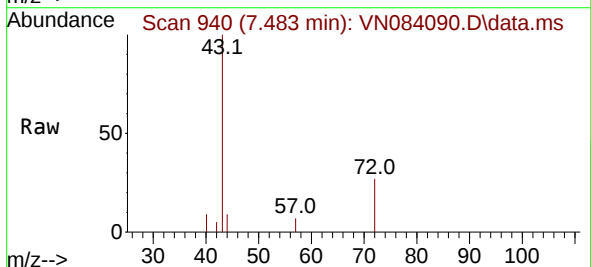
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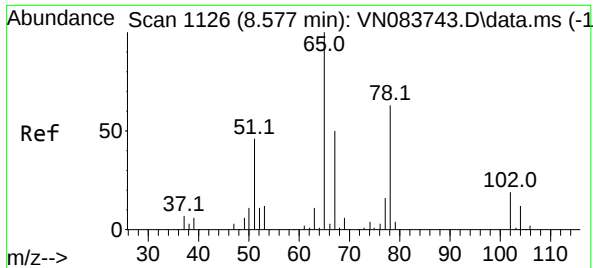
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#25
2-Butanone
Concen: 7.101 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084090.D
Acq: 21 Sep 2024 04:59

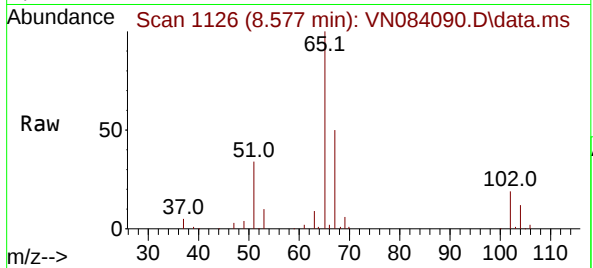
Tgt Ion: 43 Resp: 9483
Ion Ratio Lower Upper
43 100
72 26.5 20.8 31.2





#33
 1,2-Dichloroethane-d4
 Concen: 50.308 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN084090.D
 Acq: 21 Sep 2024 04:59

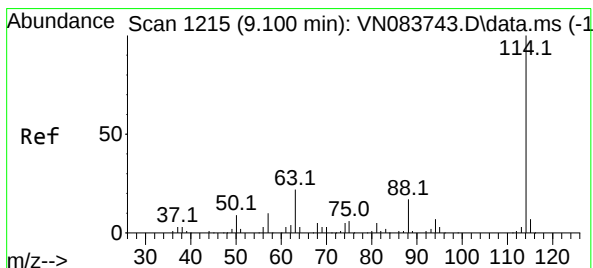
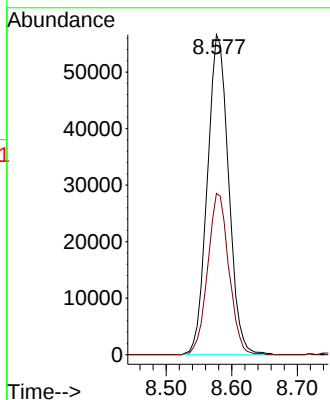
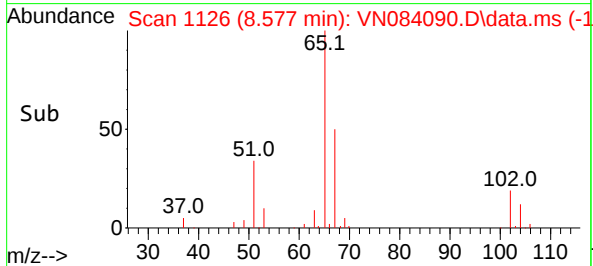
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-23



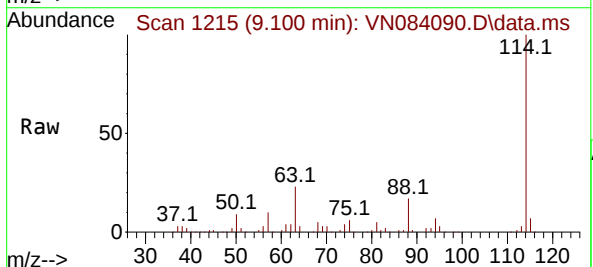
Tgt Ion: 65 Resp: 12751
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 100.8

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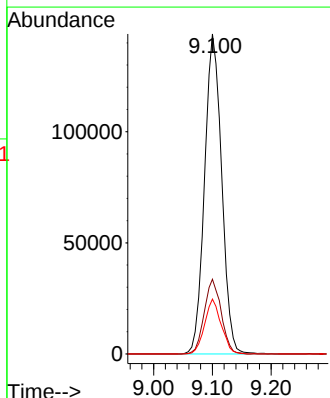
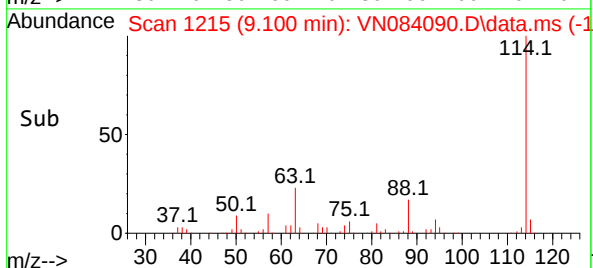
Reviewed By :John Carlone 09/23/2024
 Supervised By :Mahesh Dadoda 09/23/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084090.D
 Acq: 21 Sep 2024 04:59



Tgt Ion:114 Resp: 292104
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 43.4
 88 17.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.721 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN084090.D

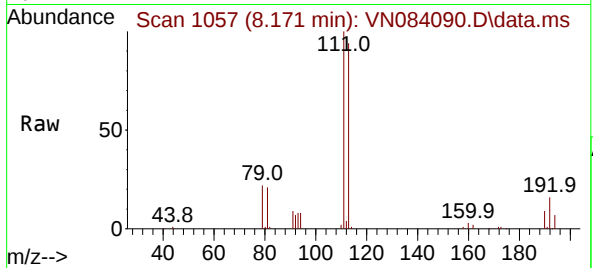
Acq: 21 Sep 2024 04:59

Instrument :

MSVOA_N

ClientSampleId :

WC-23



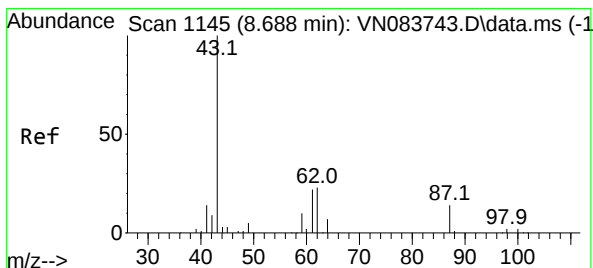
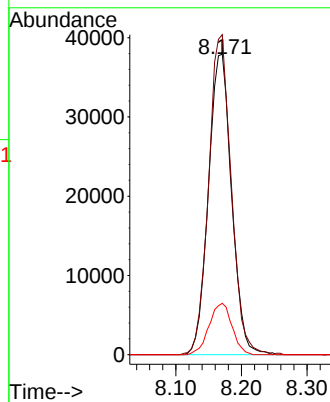
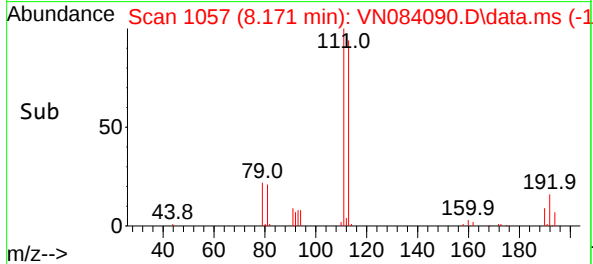
Tgt Ion:	113	Resp:	92978
Ion Ratio	Lower	Upper	
113	100		
111	104.1	82.6	124.0
192	17.0	14.3	21.5

Manual Integrations

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#43

Isopropyl Acetate

Concen: 31.836 ug/l m

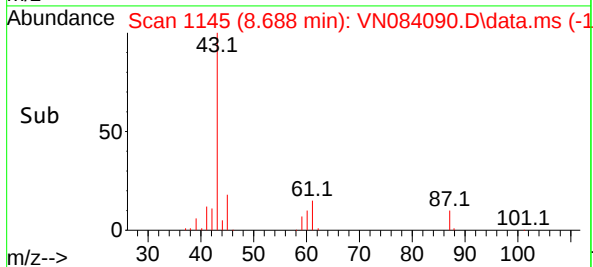
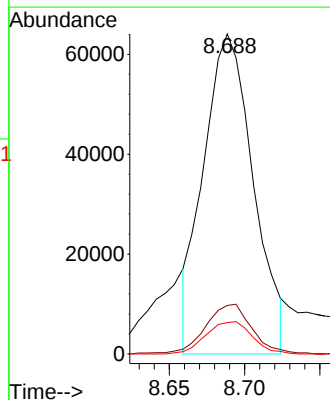
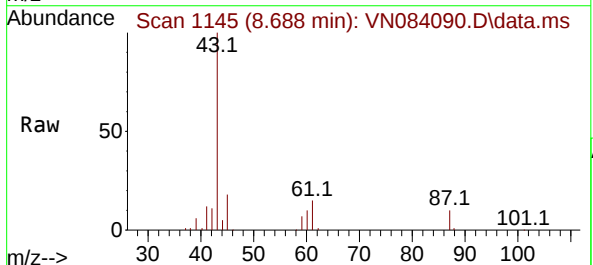
RT: 8.688 min Scan# 1145

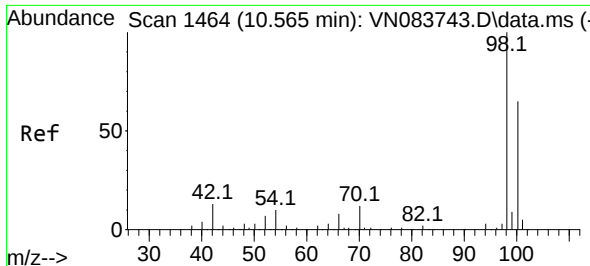
Delta R.T. 0.000 min

Lab File: VN084090.D

Acq: 21 Sep 2024 04:59

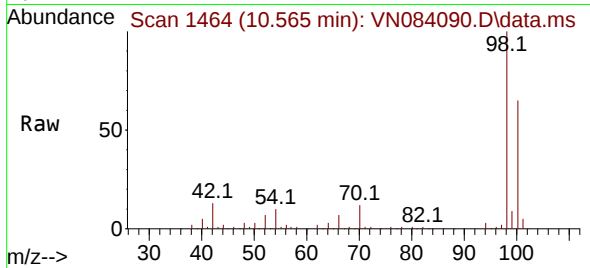
Tgt Ion:	43	Resp:	147392
Ion Ratio	Lower	Upper	
43	100		
61	14.6	19.4	29.0#
87	9.4	9.8	14.6#





#50
Toluene-d8
Concen: 54.947 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084090.D
Acq: 21 Sep 2024 04:59

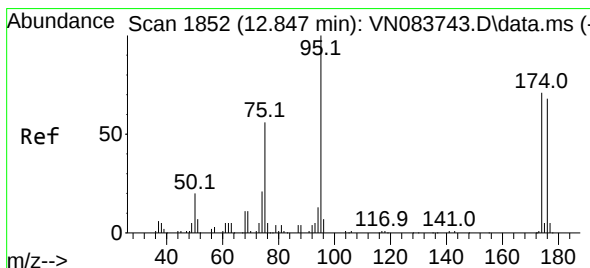
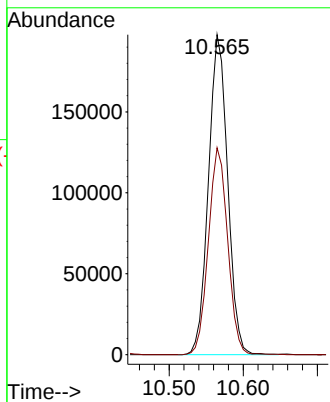
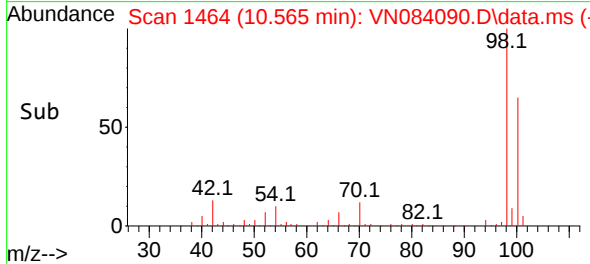
Instrument :
MSVOA_N
ClientSampleId :
WC-23



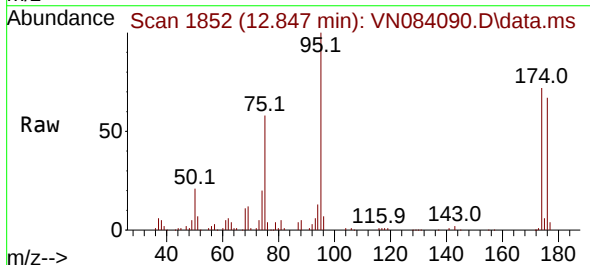
Tgt Ion: 98 Resp: 355210
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

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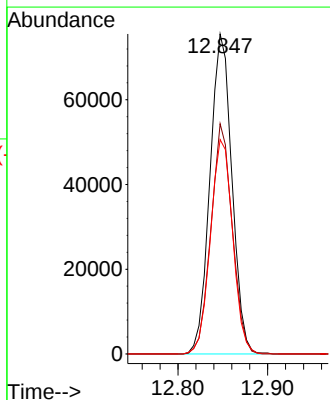
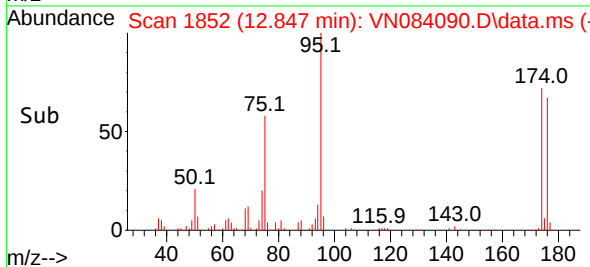
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

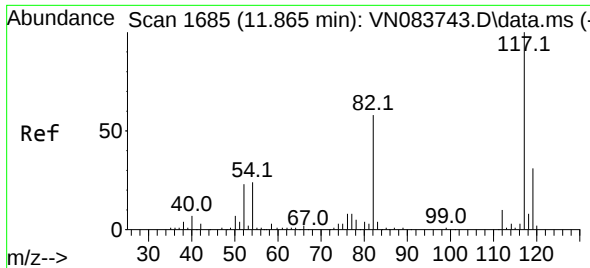


#62
4-Bromofluorobenzene
Concen: 48.081 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084090.D
Acq: 21 Sep 2024 04:59



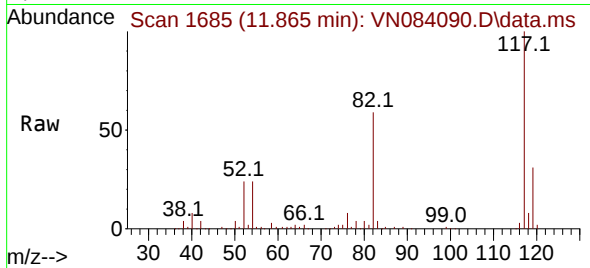
Tgt Ion: 95 Resp: 128242
Ion Ratio Lower Upper
95 100
174 70.1 0.0 139.8
176 67.9 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084090.D
Acq: 21 Sep 2024 04:59

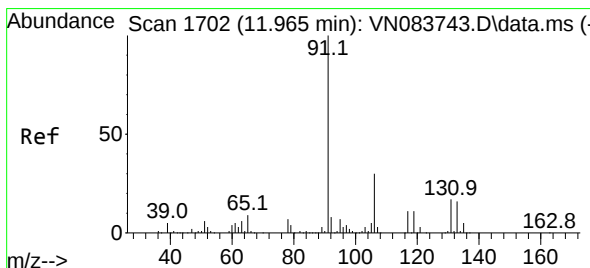
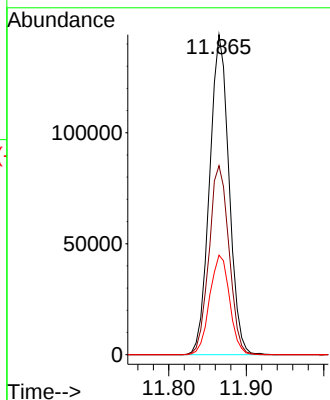
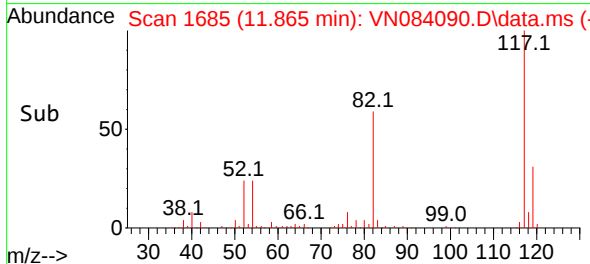
Instrument :
MSVOA_N
ClientSampleId :
WC-23



Tgt Ion:117 Resp: 251060
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.0
119 31.1 26.3 39.5

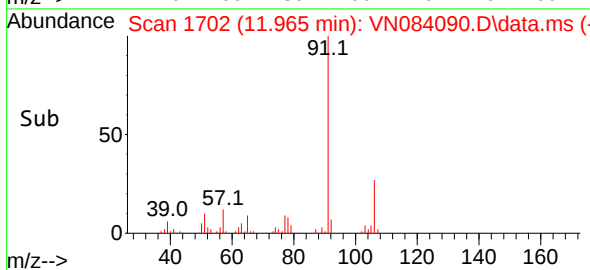
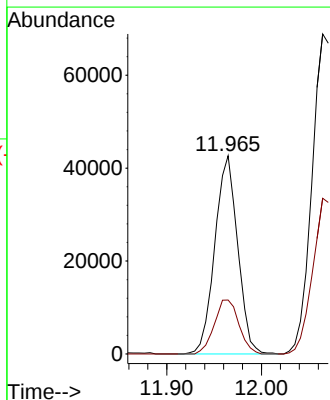
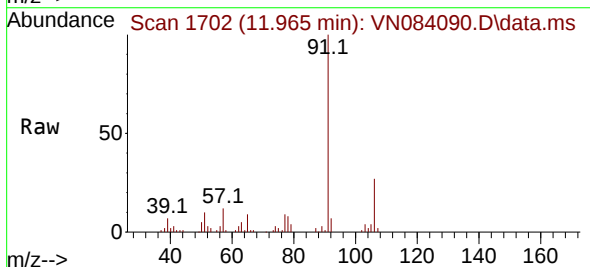
Manual Integrations
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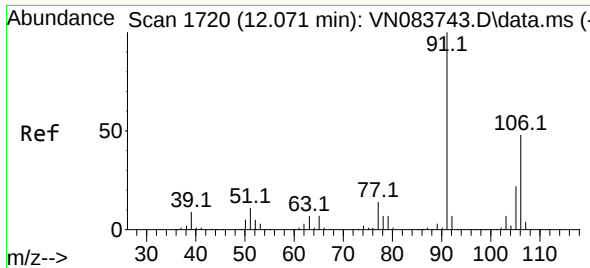
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#67
Ethyl Benzene
Concen: 7.214 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084090.D
Acq: 21 Sep 2024 04:59

Tgt Ion: 91 Resp: 71509
Ion Ratio Lower Upper
91 100
106 27.2 24.3 36.5





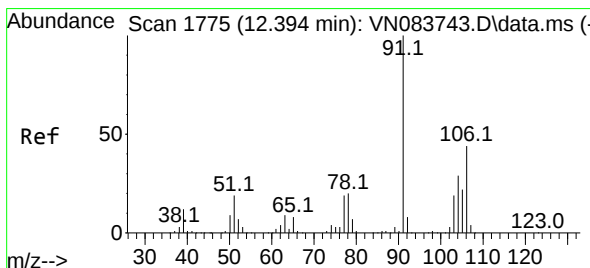
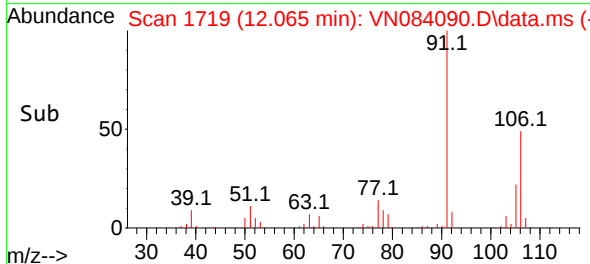
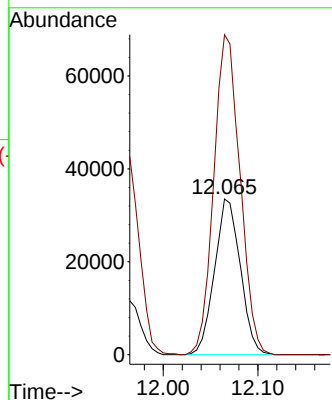
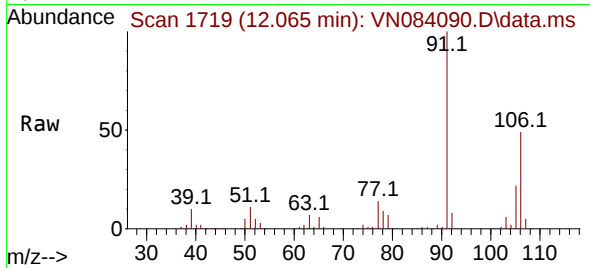
#68
m/p-Xylenes
Concen: 17.258 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084090.D
Acq: 21 Sep 2024 04:59

Instrument :
MSVOA_N
ClientSampleId :
WC-23

Tgt Ion:106 Resp: 6351
Ion Ratio Lower Upper
106 100
91 209.2 169.2 253.8

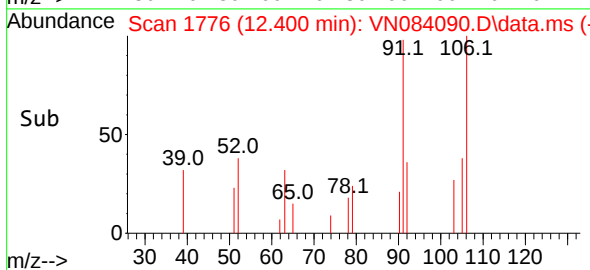
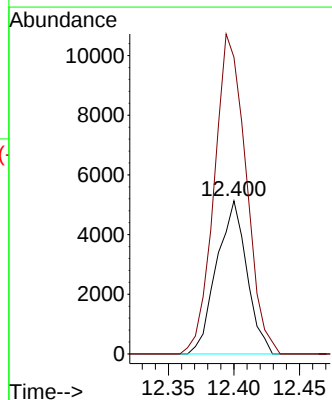
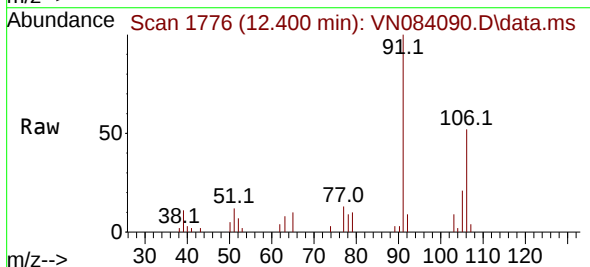
Manual Integrations
APPROVED

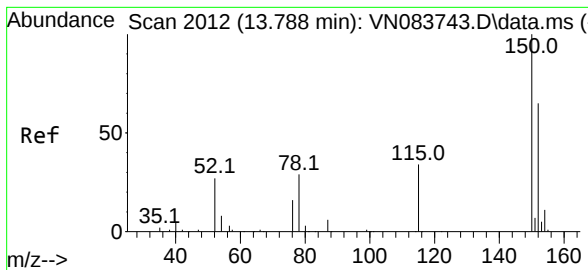
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#69
o-Xylene
Concen: 2.307 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN084090.D
Acq: 21 Sep 2024 04:59

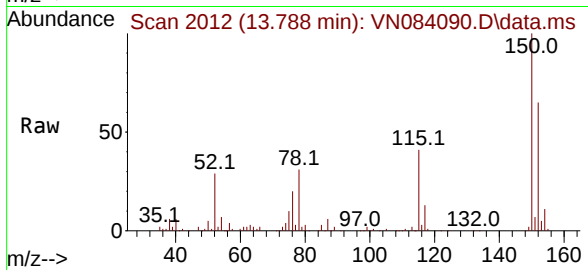
Tgt Ion:106 Resp: 8220
Ion Ratio Lower Upper
106 100
91 219.6 112.9 338.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN084090.D
 Acq: 21 Sep 2024 04:59

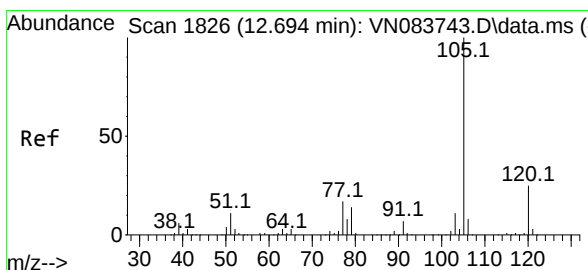
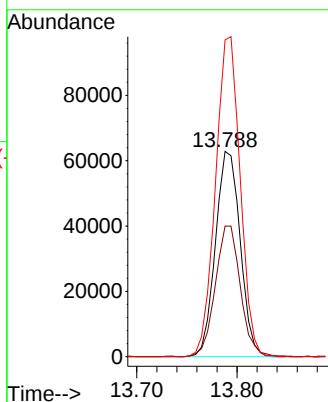
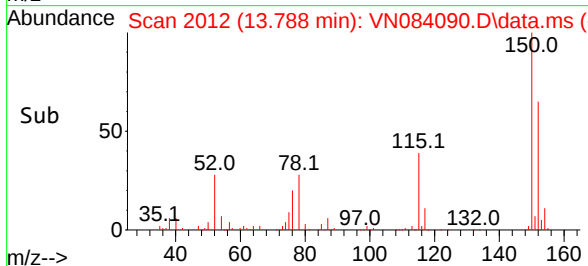
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-23



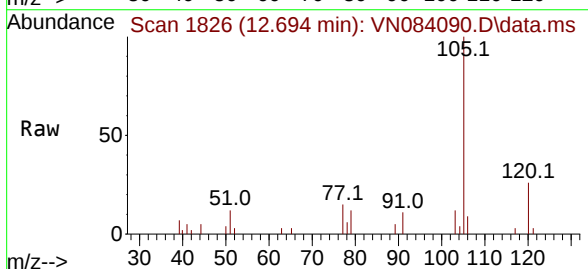
Tgt Ion:152 Resp: 107540
 Ion Ratio Lower Upper
 152 100
 115 64.8 32.2 96.6
 150 155.4 0.0 348.6

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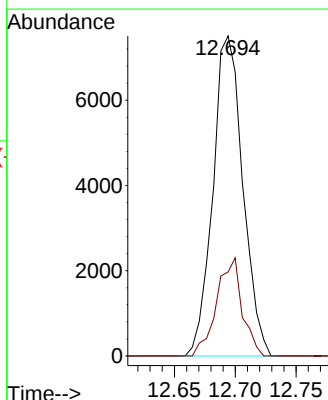
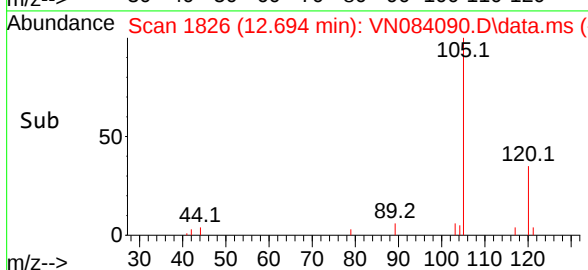
Reviewed By :John Carlone 09/23/2024
 Supervised By :Mahesh Dadoda 09/23/2024

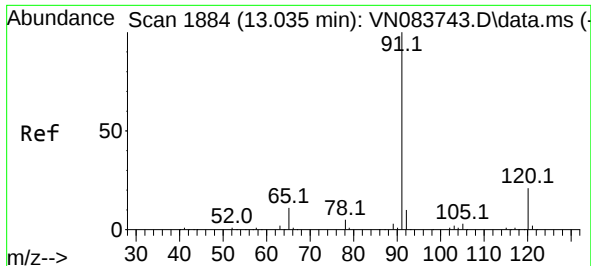


#73
 Isopropylbenzene
 Concen: 1.544 ug/l
 RT: 12.694 min Scan# 1826
 Delta R.T. 0.000 min
 Lab File: VN084090.D
 Acq: 21 Sep 2024 04:59



Tgt Ion:105 Resp: 12842
 Ion Ratio Lower Upper
 105 100
 120 26.1 12.6 37.8





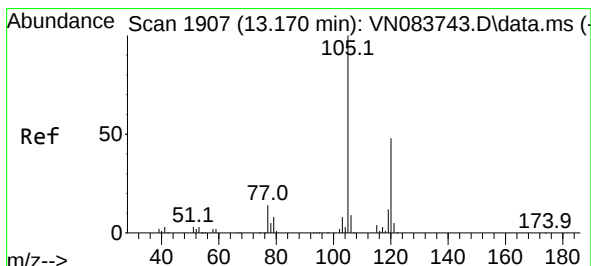
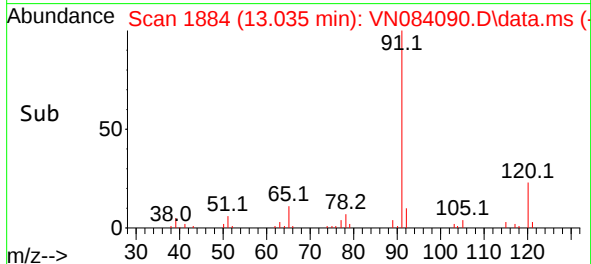
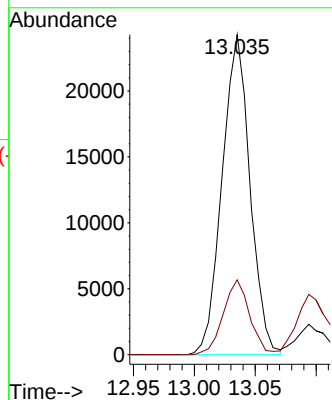
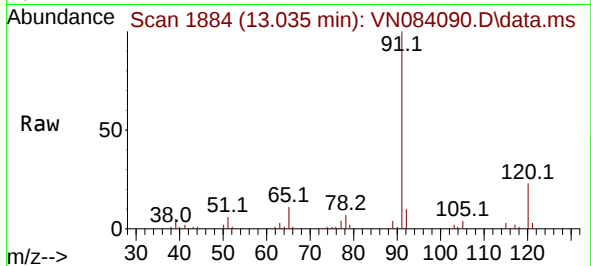
#78
n-propylbenzene
Concen: 3.993 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084090.D
Acq: 21 Sep 2024 04:59

Instrument :
MSVOA_N
ClientSampleId :
WC-23

Tgt Ion: 91 Resp: 38652
Ion Ratio Lower Upper
91 100
120 22.2 11.0 33.0

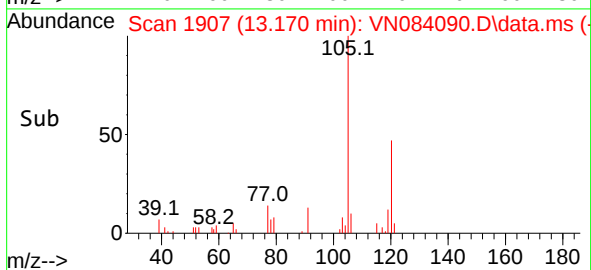
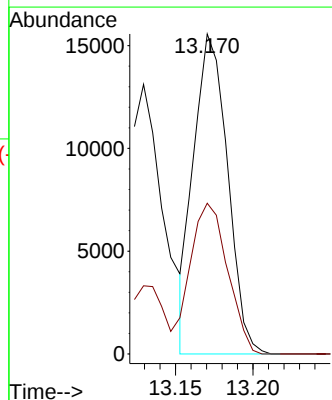
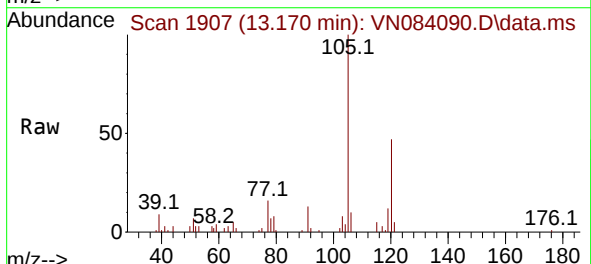
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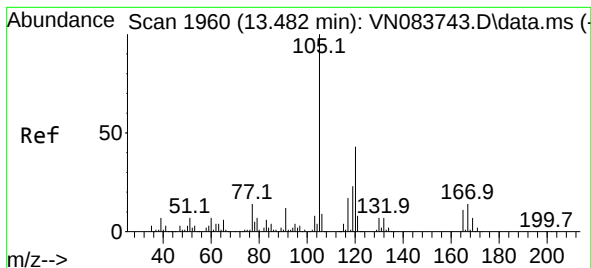
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#80
1,3,5-Trimethylbenzene
Concen: 3.369 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084090.D
Acq: 21 Sep 2024 04:59

Tgt Ion:105 Resp: 23630
Ion Ratio Lower Upper
105 100
120 52.3 23.4 70.3





#84

1,2,4-Trimethylbenzene

Concen: 12.353 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084090.D

Acq: 21 Sep 2024 04:59

Instrument :

MSVOA_N

ClientSampleId :

WC-23

Tgt Ion:105 Resp: 8704

Ion Ratio Lower Upper

105 100

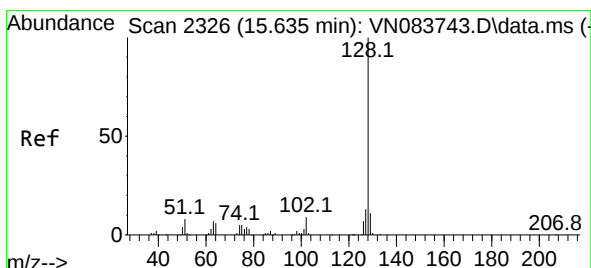
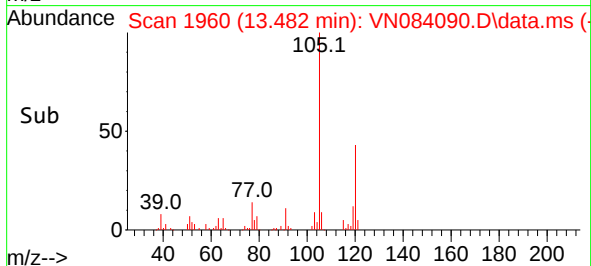
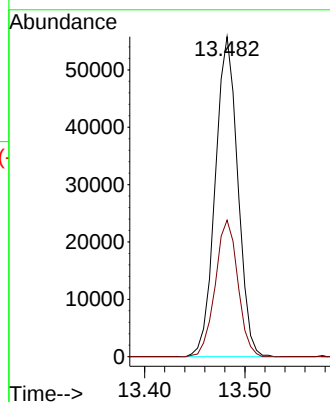
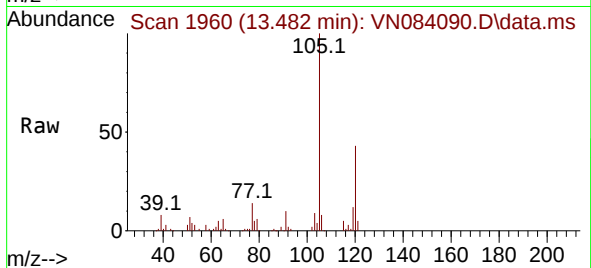
120 42.7 21.8 65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#95

Naphthalene

Concen: 5.270 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN084090.D

Acq: 21 Sep 2024 04:59

Tgt Ion:128 Resp: 31385

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 10.2 8.7 13.1

