

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084088.D
 Acq On : 21 Sep 2024 04:11
 Operator : JC\MD
 Sample : P4103-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14-7.5-10A

Quant Time: Sep 21 05:25:34 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	166887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125998	50.070	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.140%			
35) Dibromofluoromethane	8.165	113	92314	50.398	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.800%			
50) Toluene-d8	10.565	98	349553	55.202	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.400%			
62) 4-Bromofluorobenzene	12.847	95	125725	48.124	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.240%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	69446	68.842	ug/l	99
20) Methylene Chloride	5.283	84	5037	2.440	ug/l	96
25) 2-Butanone	7.494	43	24520	18.494	ug/l #	87
31) Cyclohexane	8.253	56	12531	3.445	ug/l	87
39) Methylcyclohexane	9.600	83	5302	1.690	ug/l #	92
43) Isopropyl Acetate	8.688	43	115883m	25.554	ug/l	
52) Toluene	10.629	92	12516	2.466	ug/l	89
68) m/p-Xylenes	12.065	106	5412	1.506	ug/l	94
73) Isopropylbenzene	12.694	105	27454	3.334	ug/l	100
78) n-propylbenzene	13.035	91	47324	4.939	ug/l	100
85) sec-Butylbenzene	13.617	105	23833	2.958	ug/l	97
89) n-Butylbenzene	14.053	91	14130	2.330	ug/l	97
95) Naphthalene	15.641	128	10963	1.860	ug/l #	88

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

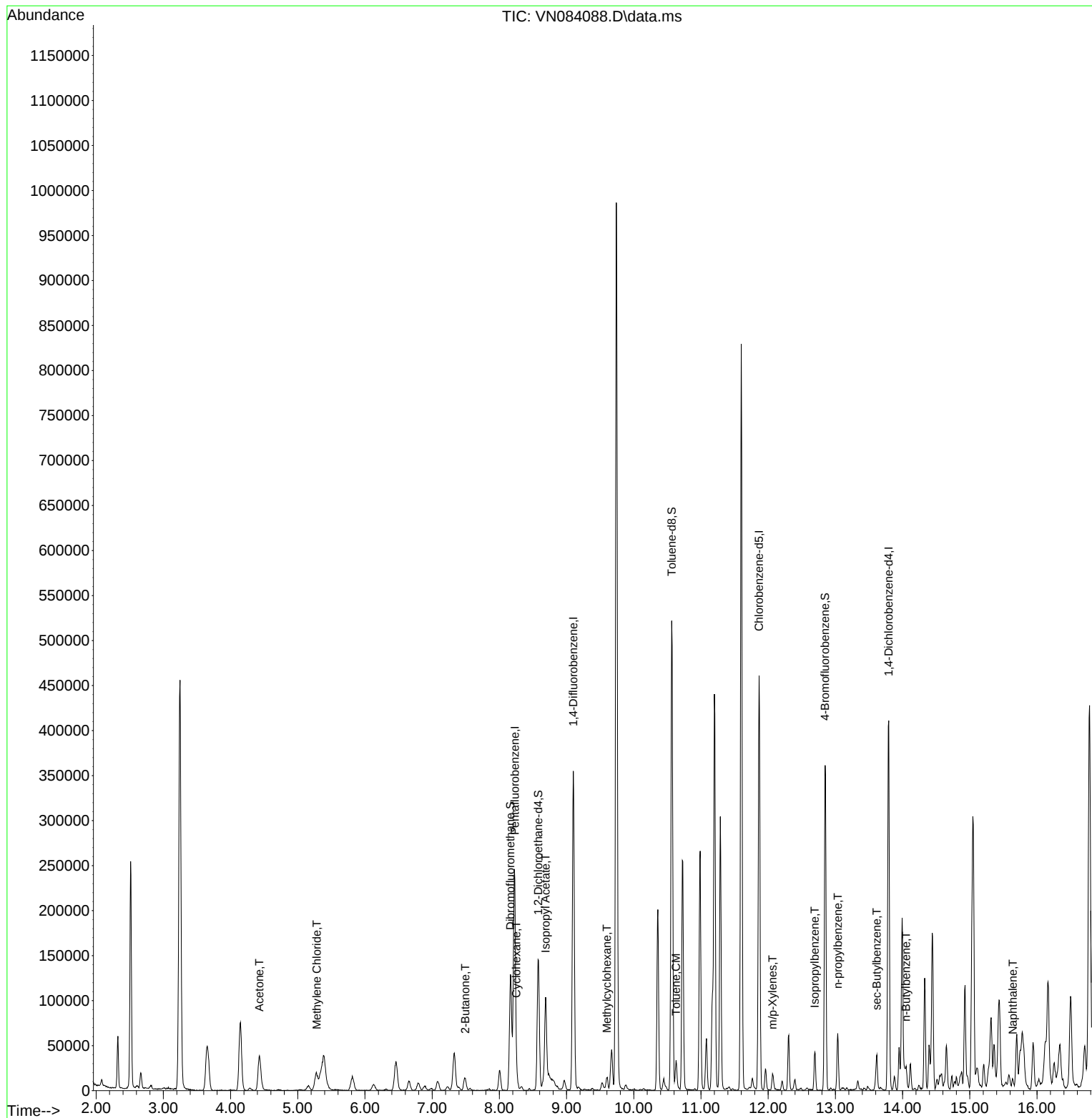
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
Data File : VN084088.D
Acq On : 21 Sep 2024 04:11
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WC-14-7.5-10A

Quant Time: Sep 21 05:25:34 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

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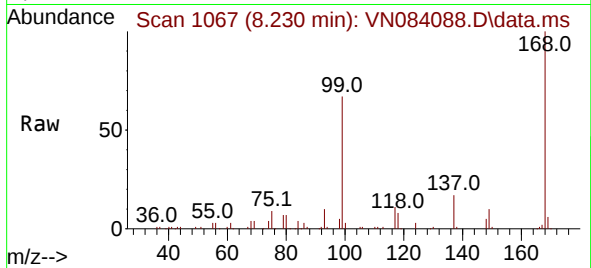
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11

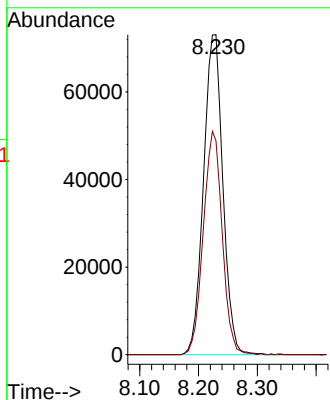
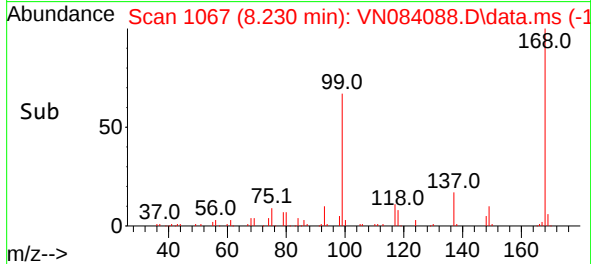
Instrument :
MSVOA_N
ClientSampleId :
WC-14-7.5-10A



Tgt Ion:168 Resp: 16688
Ion Ratio Lower Upper
168 100
99 66.8 54.2 81.2

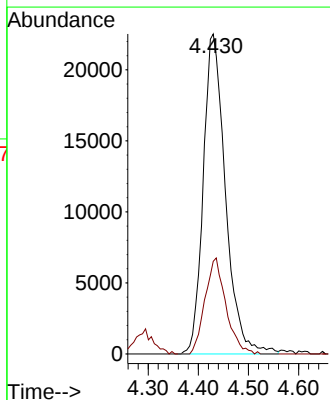
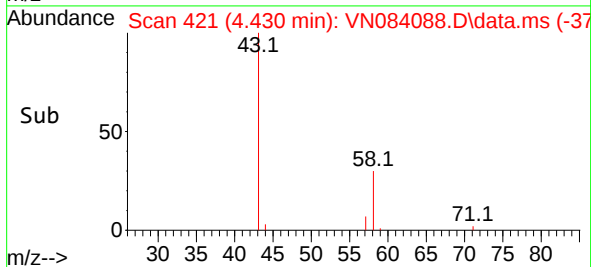
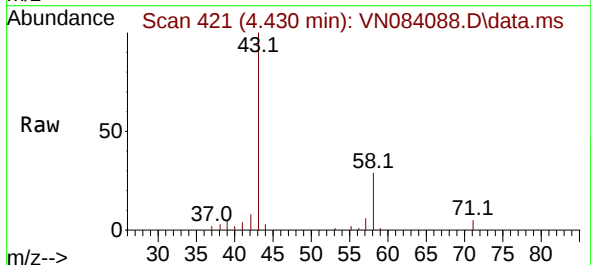
Manual Integrations
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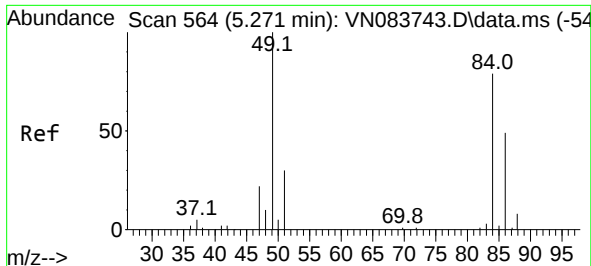
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#16
Acetone
Concen: 68.842 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11

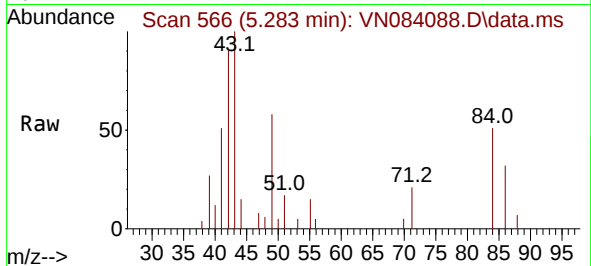
Tgt Ion: 43 Resp: 69446
Ion Ratio Lower Upper
43 100
58 29.0 23.7 35.5





#20
Methylene Chloride
Concen: 2.440 ug/l
RT: 5.283 min Scan# 503
Delta R.T. 0.012 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11

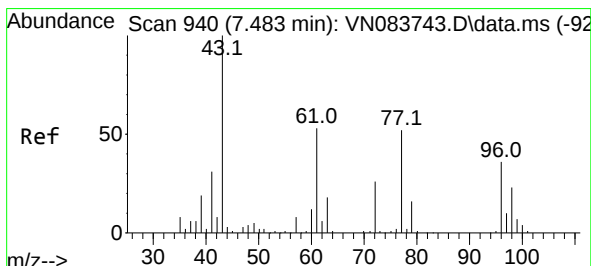
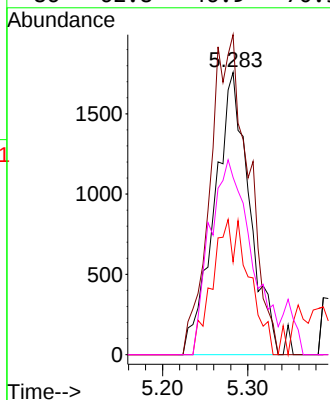
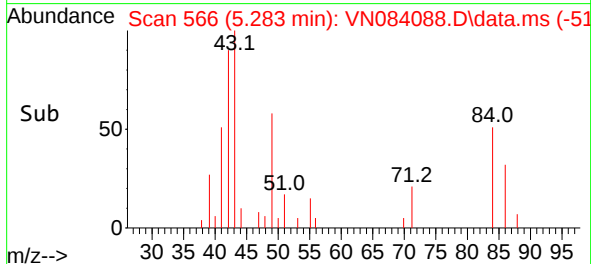
Instrument :
MSVOA_N
ClientSampleId :
WC-14-7.5-10A



Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.4	93.4	140.0
51	32.9	29.2	43.8
86	62.8	46.9	70.3

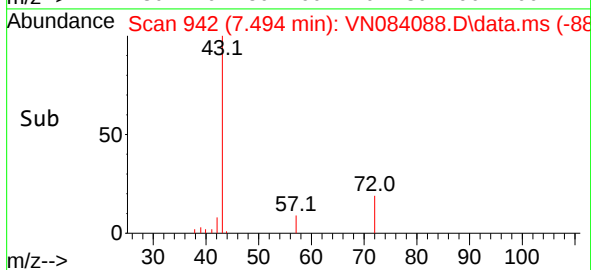
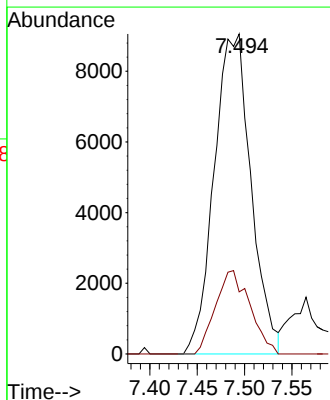
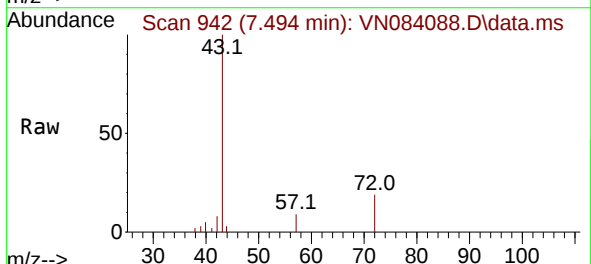
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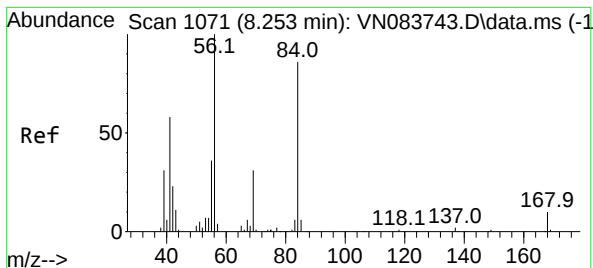
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#25
2-Butanone
Concen: 18.494 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11

Tgt Ion	Ratio	Lower	Upper
43	100		
72	19.4	20.8	31.2#





#31

Cyclohexane

Concen: 3.445 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN084088.D

Acq: 21 Sep 2024 04:11

Instrument :

MSVOA_N

ClientSampleId :

WC-14-7.5-10A

Tgt Ion: 56 Resp: 1253

Ion Ratio Lower Upper

56 100

69 40.1 26.9 40.3

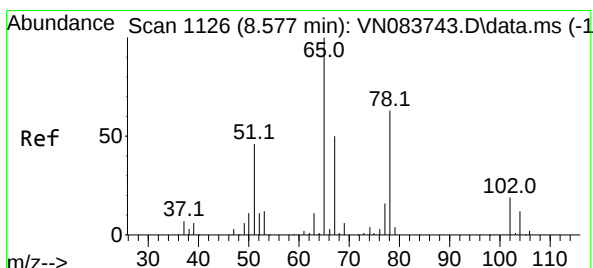
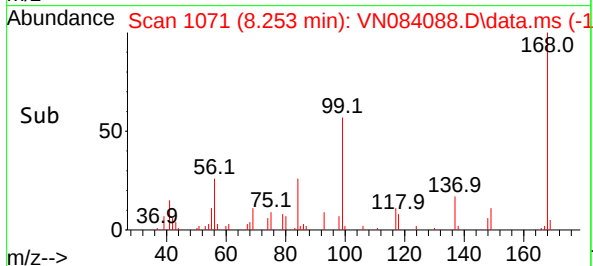
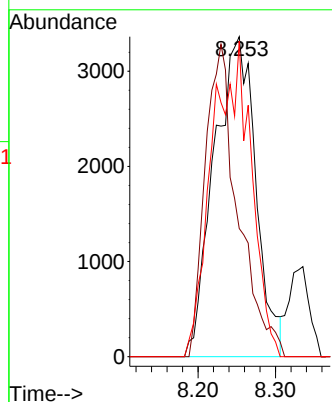
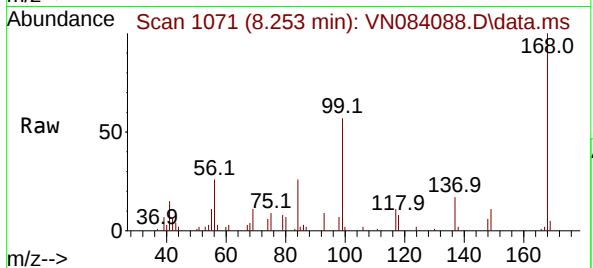
84 98.6 69.2 103.8

Manual Integrations

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Supervised By :Mahesh Dadoda 09/23/2024



#33

1,2-Dichloroethane-d4

Concen: 50.070 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084088.D

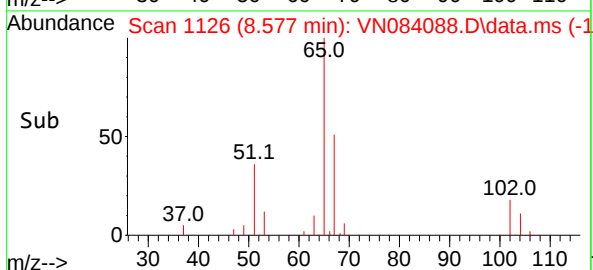
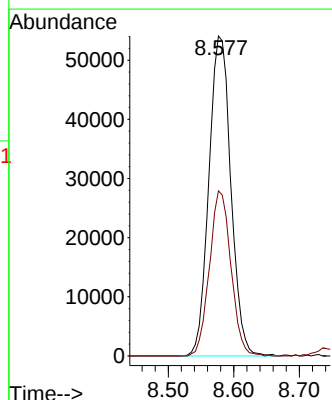
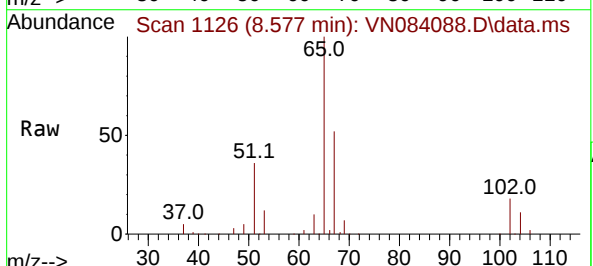
Acq: 21 Sep 2024 04:11

Tgt Ion: 65 Resp: 125998

Ion Ratio Lower Upper

65 100

67 50.3 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084088.D

Acq: 21 Sep 2024 04:11

Instrument :

MSVOA_N

ClientSampleId :

WC-14-7.5-10A

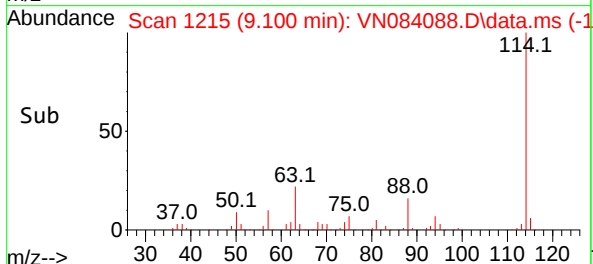
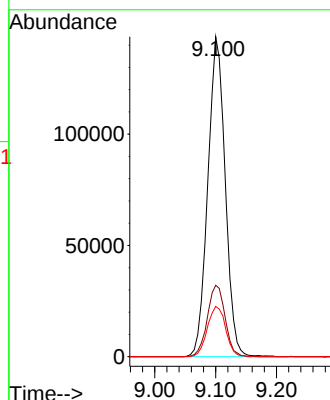
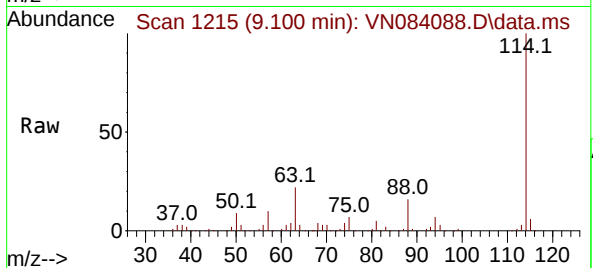
Tgt Ion:114	Resp:	286118
Ion Ratio	Lower	Upper
114	100	
63	22.3	0.0 43.4
88	15.7	0.0 32.6

Manual Integrations

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Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#35

Dibromofluoromethane

Concen: 50.398 ug/l

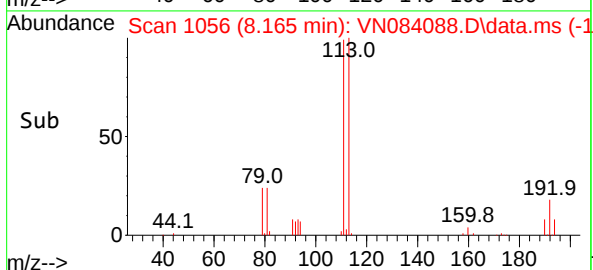
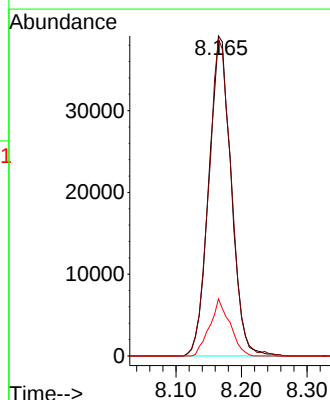
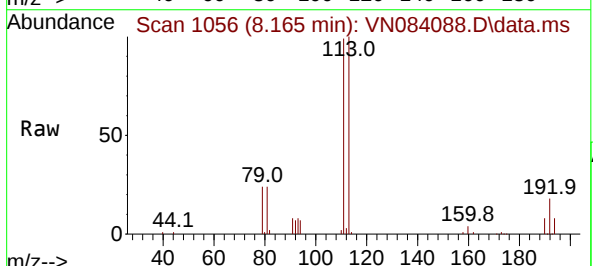
RT: 8.165 min Scan# 1056

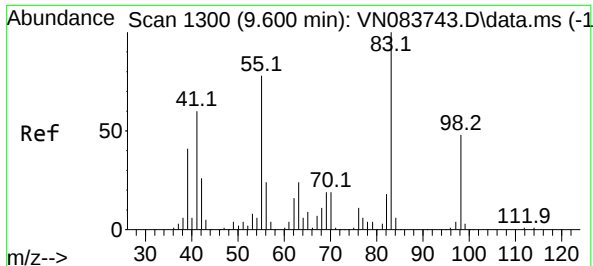
Delta R.T. -0.000 min

Lab File: VN084088.D

Acq: 21 Sep 2024 04:11

Tgt Ion:113	Resp:	92314
Ion Ratio	Lower	Upper
113	100	
111	100.5	82.6 124.0
192	16.2	14.3 21.5





#39

Methylcyclohexane

Concen: 1.690 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN084088.D

Acq: 21 Sep 2024 04:11

Instrument :

MSVOA_N

ClientSampleId :

WC-14-7.5-10A

Tgt Ion: 83 Resp: 5302

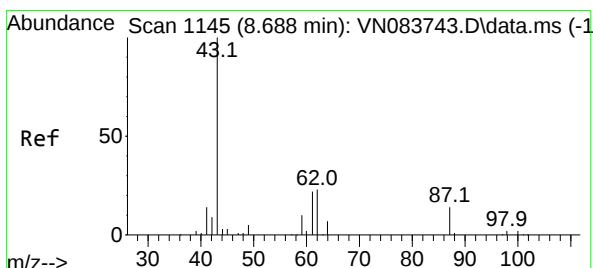
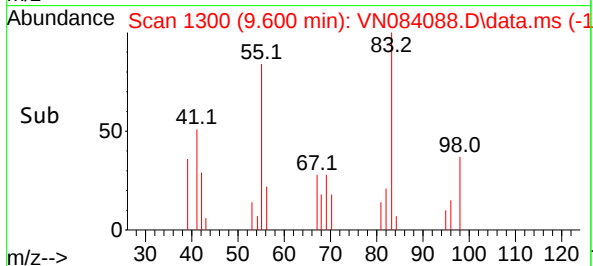
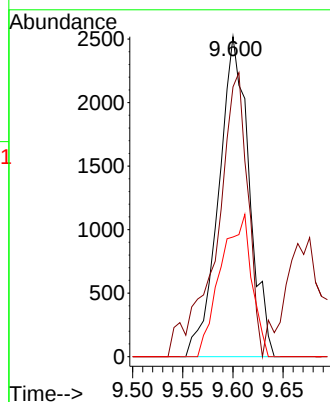
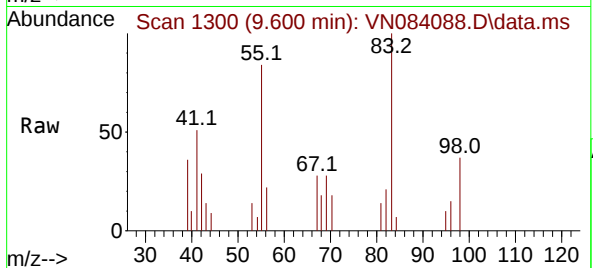
Ion	Ratio	Lower	Upper
83	100		
55	73.6	62.2	93.4
98	37.4	37.6	56.4

Manual Integrations

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#43

Isopropyl Acetate

Concen: 25.554 ug/l m

RT: 8.688 min Scan# 1145

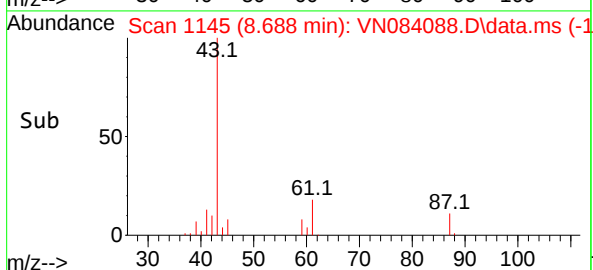
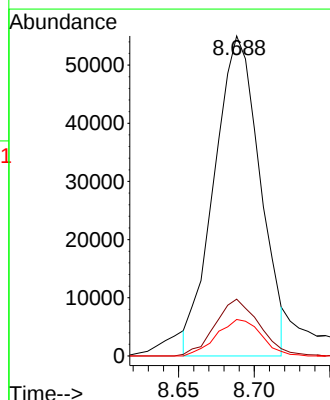
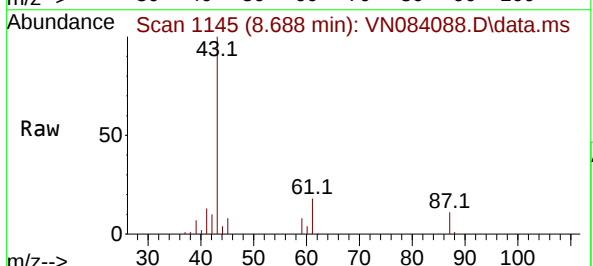
Delta R.T. -0.000 min

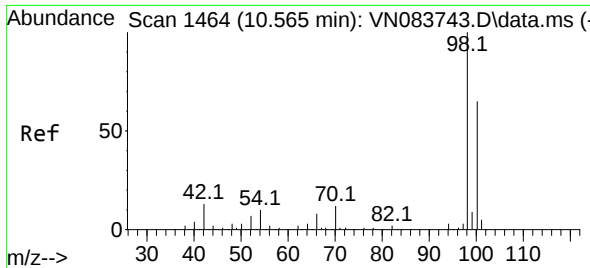
Lab File: VN084088.D

Acq: 21 Sep 2024 04:11

Tgt Ion: 43 Resp: 115883

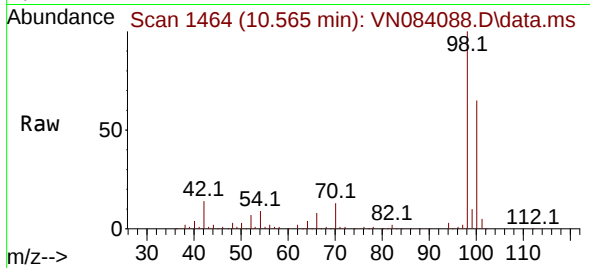
Ion	Ratio	Lower	Upper
43	100		
61	17.2	19.4	29.0
87	11.1	9.8	14.6





#50
Toluene-d8
Concen: 55.202 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11

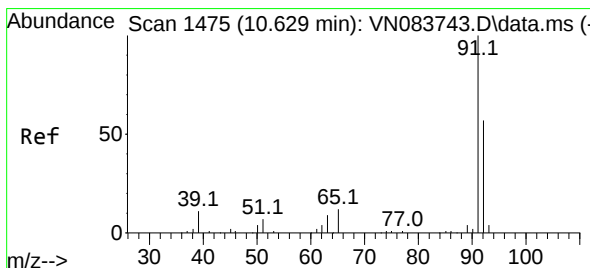
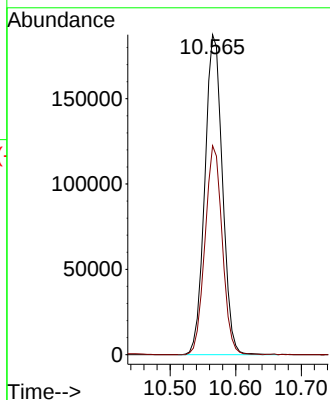
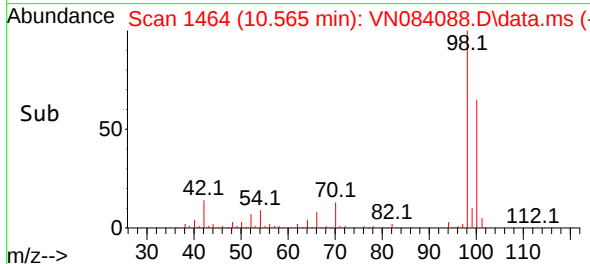
Instrument :
MSVOA_N
ClientSampleId :
WC-14-7.5-10A



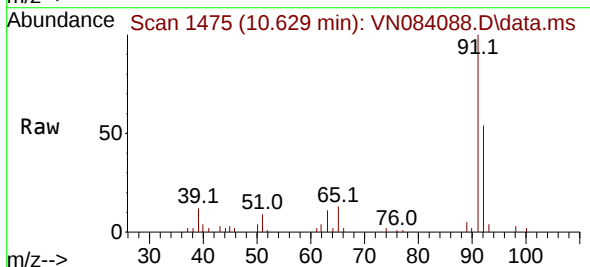
Tgt Ion: 98 Resp: 34955
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

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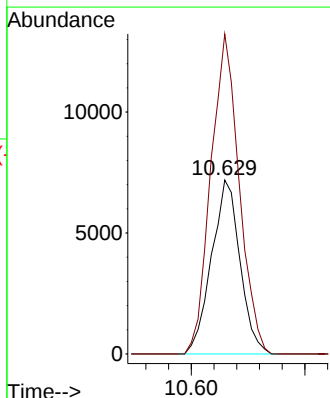
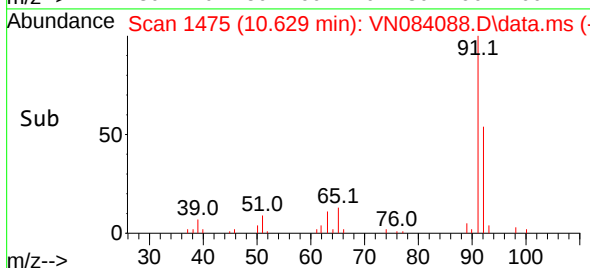
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

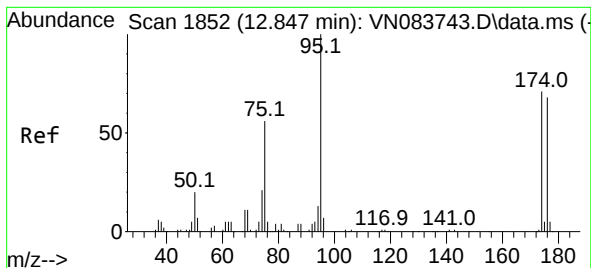


#52
Toluene
Concen: 2.466 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11



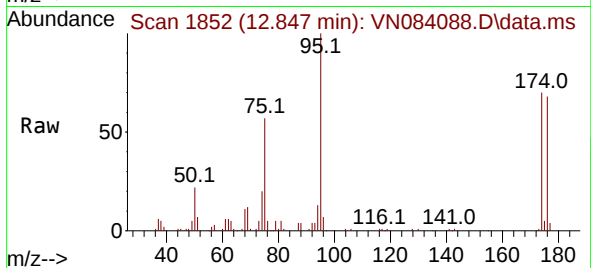
Tgt Ion: 92 Resp: 12516
Ion Ratio Lower Upper
92 100
91 183.3 134.7 202.1





#62
4-Bromofluorobenzene
Concen: 48.124 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11

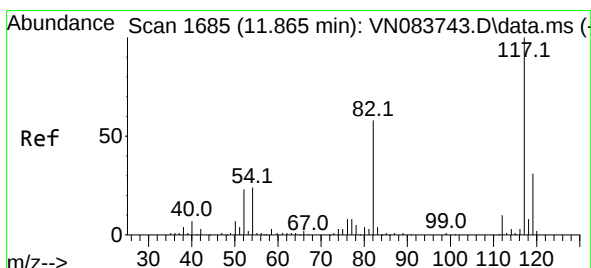
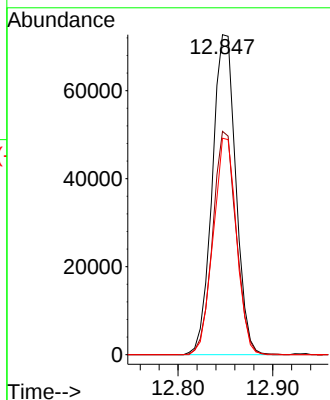
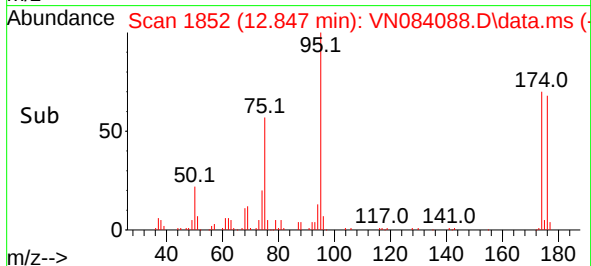
Instrument :
MSVOA_N
ClientSampleId :
WC-14-7.5-10A



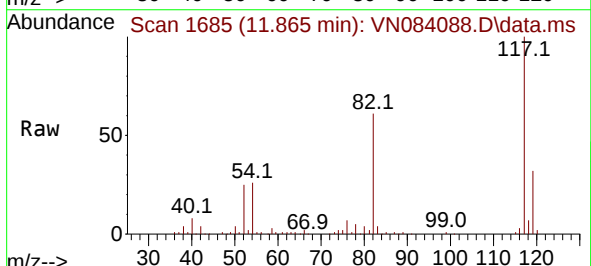
Tgt Ion: 95 Resp: 125729
Ion Ratio Lower Upper
95 100
174 69.7 0.0 139.8
176 66.9 0.0 131.4

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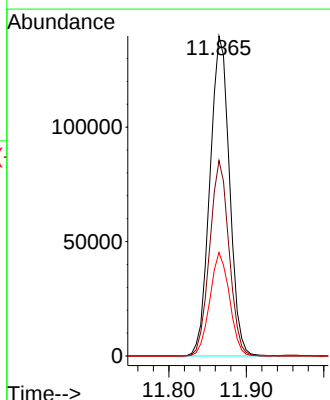
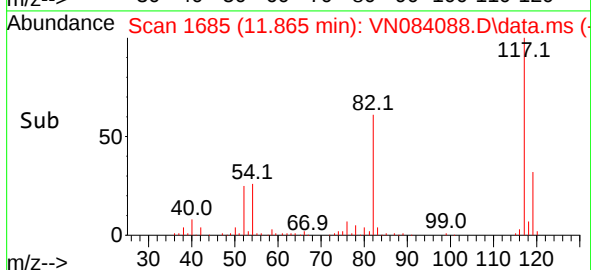
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

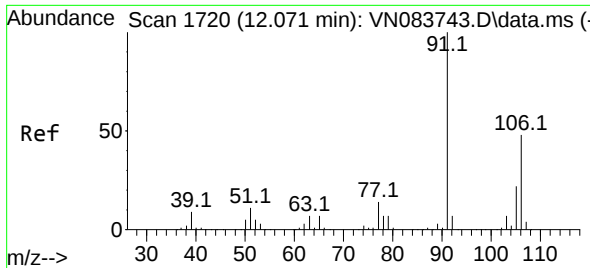


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11



Tgt Ion:117 Resp: 245222
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.0
119 32.3 26.3 39.5





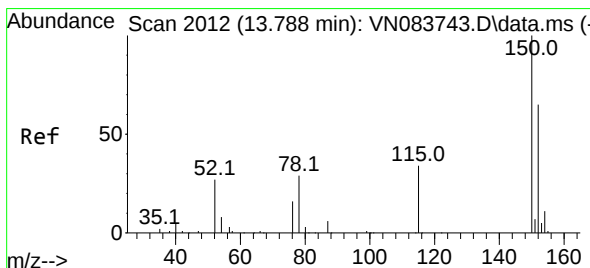
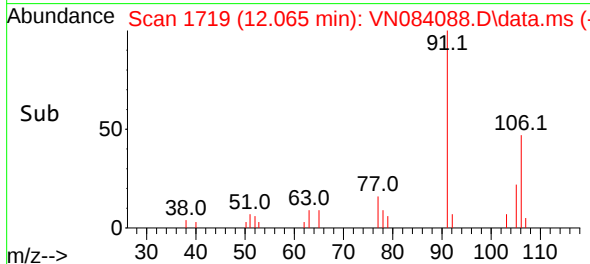
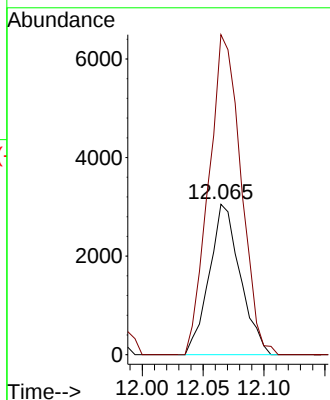
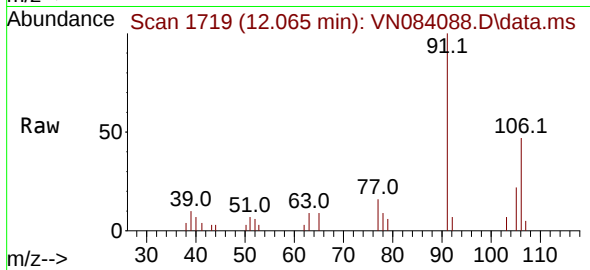
#68
m/p-Xylenes
Concen: 1.506 ug/l
RT: 12.065 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11

Instrument :
MSVOA_N
ClientSampleId :
WC-14-7.5-10A

Tgt Ion:106 Resp: 541
Ion Ratio Lower Upper
106 100
91 220.8 169.2 253.8

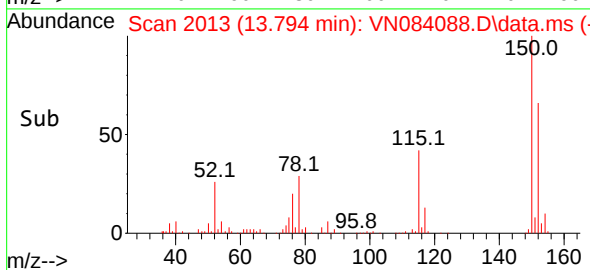
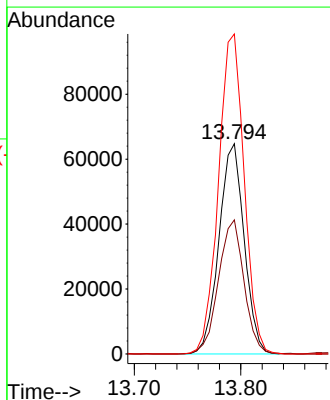
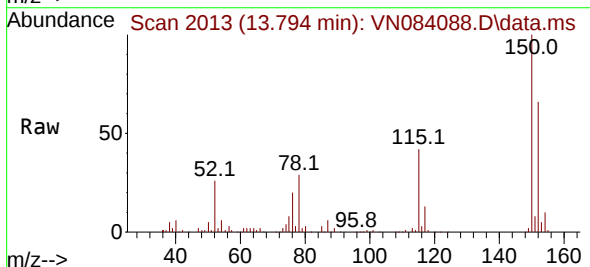
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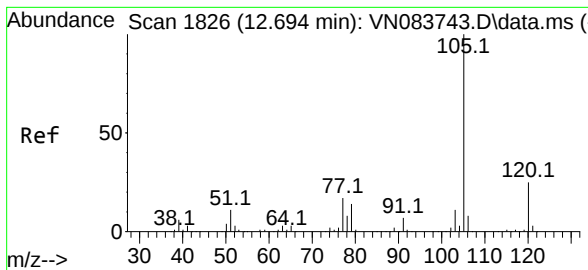
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11

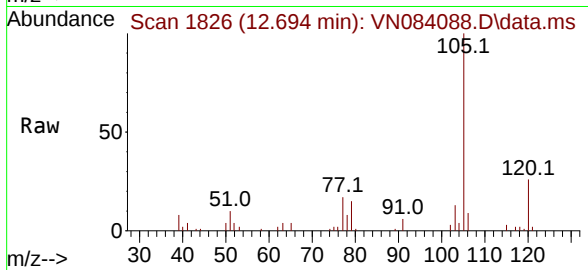
Tgt Ion:152 Resp: 106447
Ion Ratio Lower Upper
152 100
115 64.6 32.2 96.6
150 155.2 0.0 348.6





#73
Isopropylbenzene
Concen: 3.334 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11

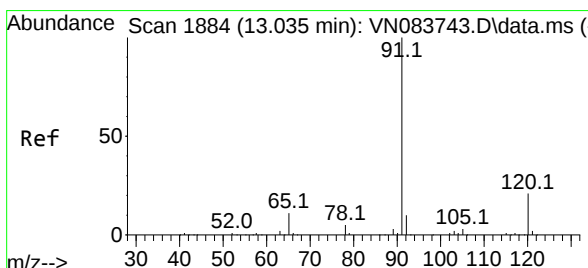
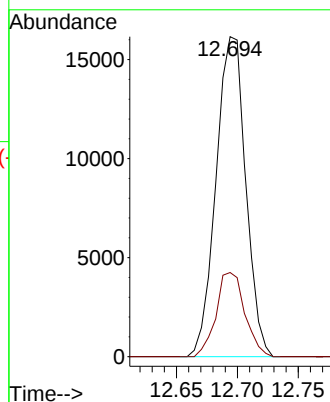
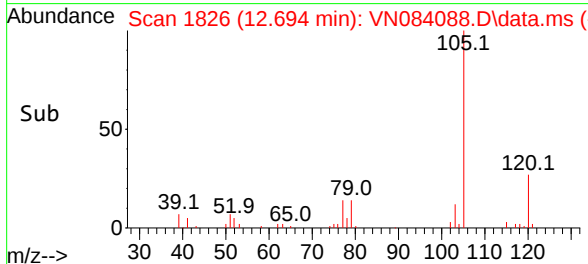
Instrument : MSVOA_N
ClientSampleId : WC-14-7.5-10A



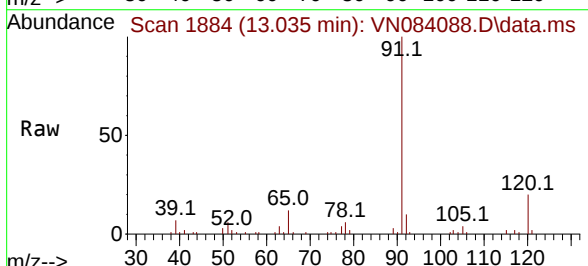
Tgt Ion:105 Resp: 27454
Ion Ratio Lower Upper
105 100
120 25.4 12.6 37.8

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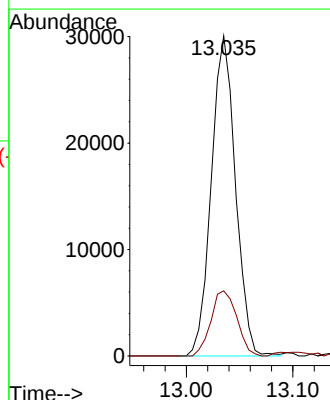
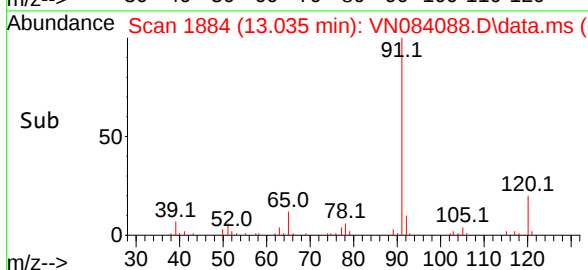
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

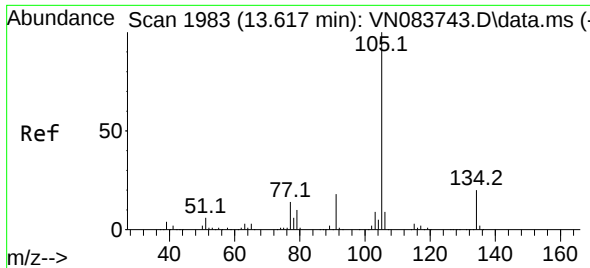


#78
n-propylbenzene
Concen: 4.939 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11



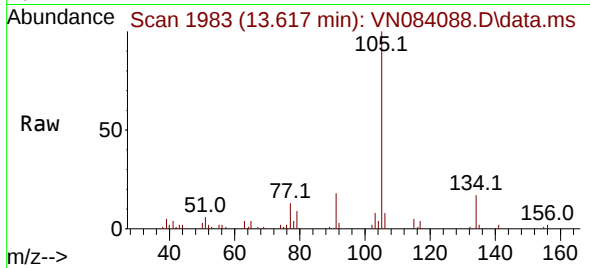
Tgt Ion: 91 Resp: 47324
Ion Ratio Lower Upper
91 100
120 21.8 11.0 33.0





#85
 sec-Butylbenzene
 Concen: 2.958 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN084088.D
 Acq: 21 Sep 2024 04:11

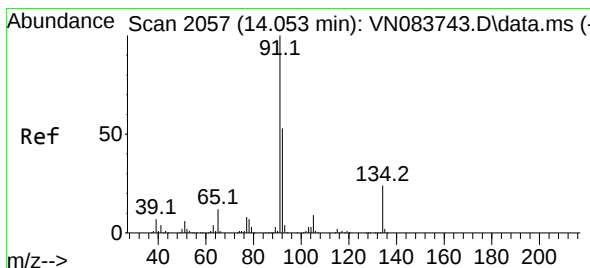
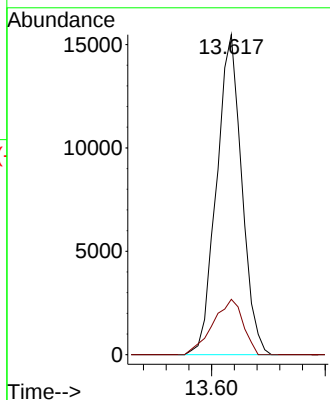
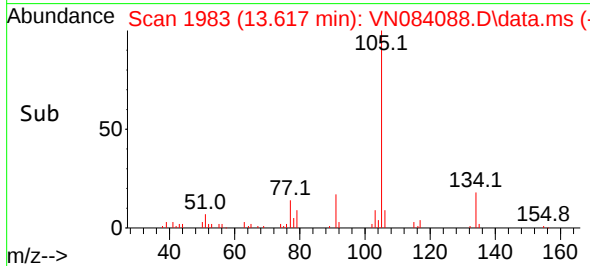
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14-7.5-10A



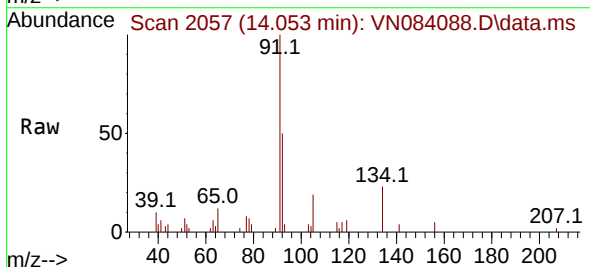
Tgt Ion:105 Resp: 2383
 Ion Ratio Lower Upper
 105 100
 134 20.7 9.7 29.1

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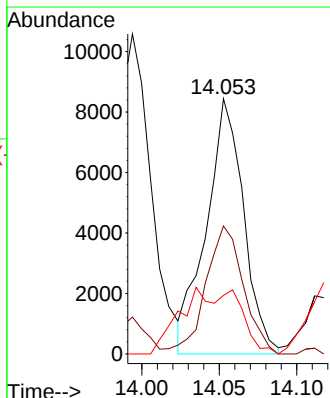
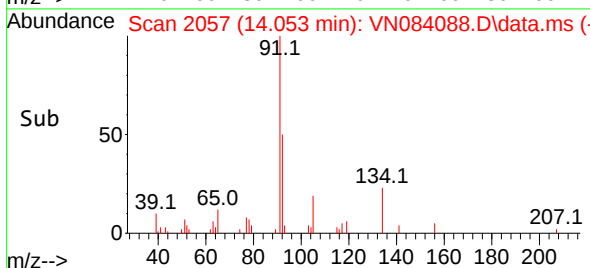
Reviewed By :John Carlone 09/23/2024
 Supervised By :Mahesh Dadoda 09/23/2024

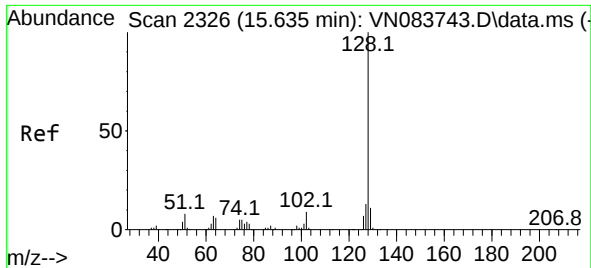


#89
 n-Butylbenzene
 Concen: 2.330 ug/l
 RT: 14.053 min Scan# 2057
 Delta R.T. -0.000 min
 Lab File: VN084088.D
 Acq: 21 Sep 2024 04:11



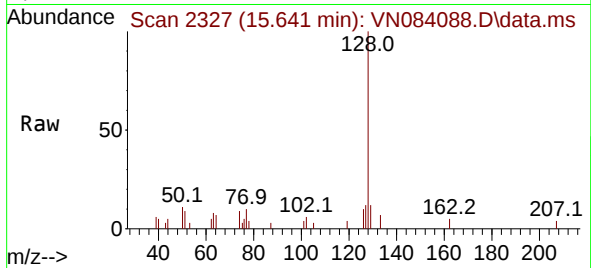
Tgt Ion: 91 Resp: 14130
 Ion Ratio Lower Upper
 91 100
 92 50.2 26.7 80.1
 134 24.2 12.2 36.4





#95
Naphthalene
Concen: 1.860 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN084088.D
Acq: 21 Sep 2024 04:11

Instrument :
MSVOA_N
ClientSampleId :
WC-14-7.5-10A



Tgt Ion:128 Resp: 1096
Ion Ratio Lower Upper
128 100
127 11.3 10.2 15.2
129 2.9 8.7 13.1

Manual Integrations
APPROVED

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

