

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100924\
 Data File : VN084366.D
 Acq On : 09 Oct 2024 14:44
 Operator : JC\MD
 Sample : P4358-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 23-A

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/10/2024
 Supervised By :Mahesh Dadoda 10/10/2024

Quant Time: Oct 10 01:20:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	164300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	305933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123165	50.559	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.120%			
35) Dibromofluoromethane	8.165	113	97131	48.159	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.320%			
50) Toluene-d8	10.565	98	376634	50.757	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.520%			
62) 4-Bromofluorobenzene	12.847	95	134154	49.626	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.260%			
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	19389	18.528	ug/l	93
20) Methylene Chloride	5.283	84	6294	2.959	ug/l #	85
25) 2-Butanone	7.488	43	7868	5.520	ug/l #	86
40) Benzene	8.606	78	37527	4.111	ug/l	100
43) Isopropyl Acetate	8.688	43	220210m	37.406	ug/l	
52) Toluene	10.629	92	31709	5.697	ug/l	99
68) m/p-Xylenes	12.065	106	25181	6.387	ug/l	95
69) o-Xylene	12.394	106	30408	8.152	ug/l	98
70) Styrene	12.412	104	12527	1.983	ug/l #	70
80) 1,3,5-Trimethylbenzene	13.170	105	14837	2.036	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	31715	4.319	ug/l	93
95) Naphthalene	15.641	128	2277865	351.842	ug/l	100

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

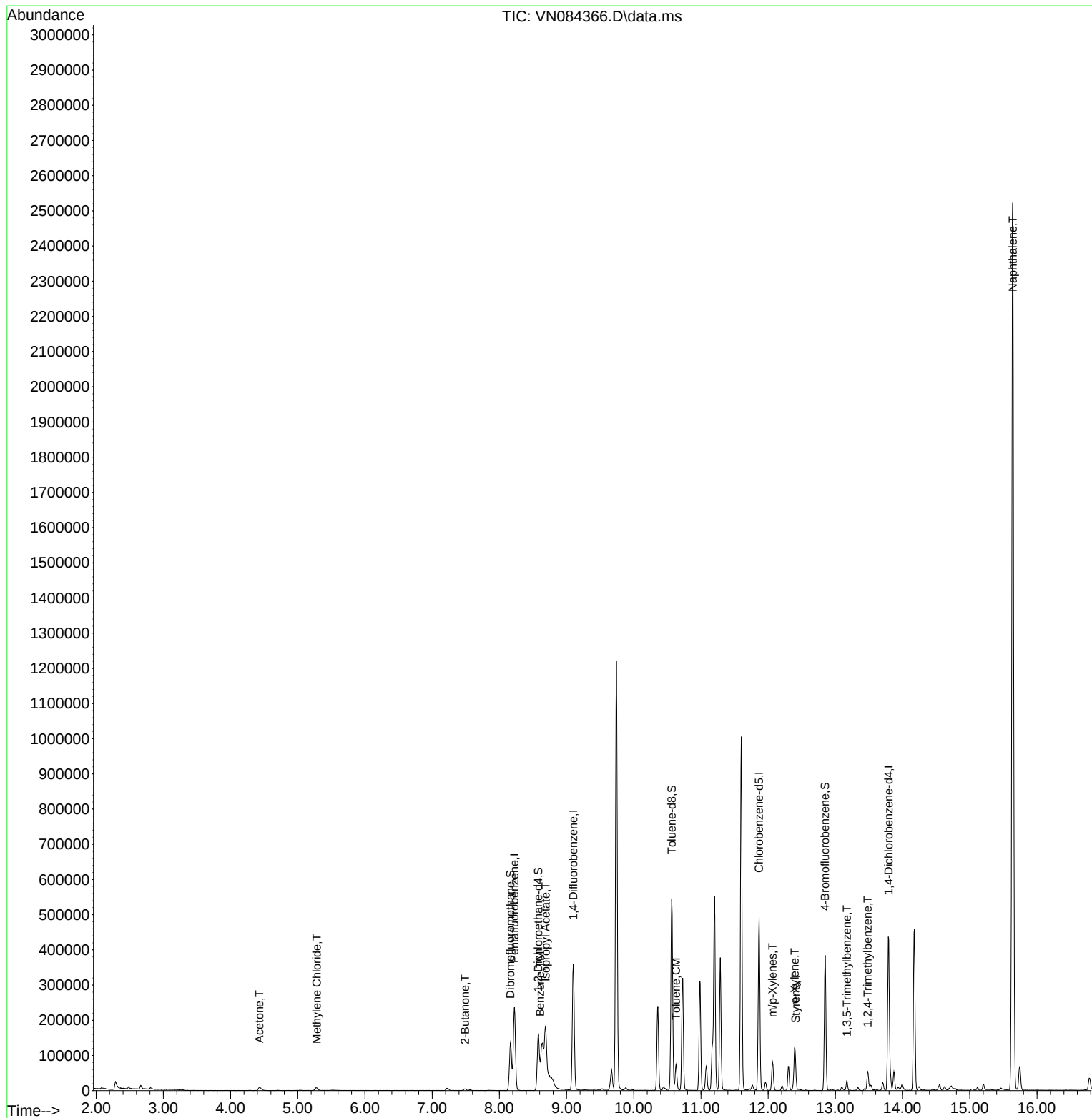
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100924\
Data File : VN084366.D
Acq On : 09 Oct 2024 14:44
Operator : JC\MD
Sample : P4358-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

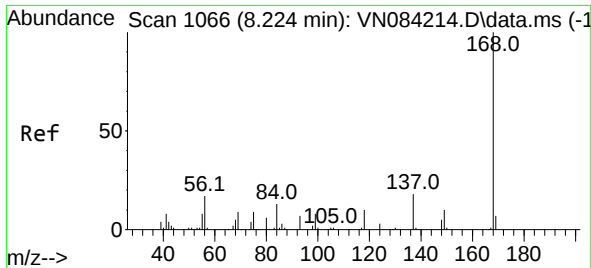
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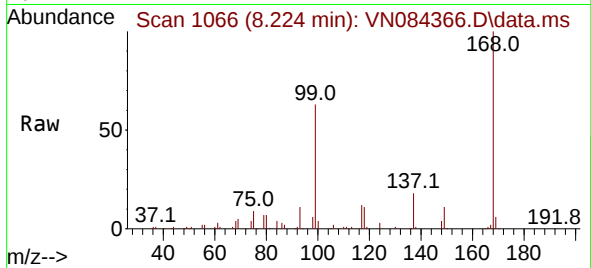
Quant Time: Oct 10 01:20:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084366.D
Acq: 09 Oct 2024 14:44

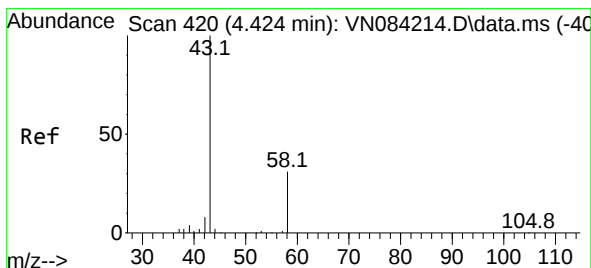
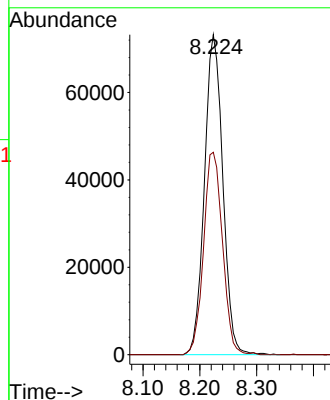
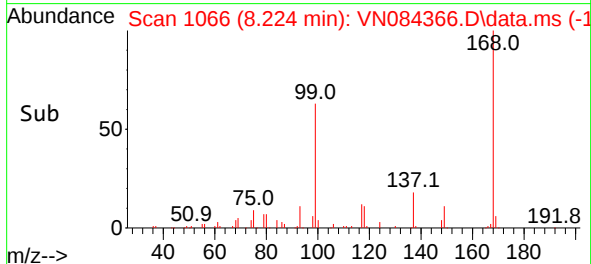
Instrument :
MSVOA_N
ClientSampleId :
23-A



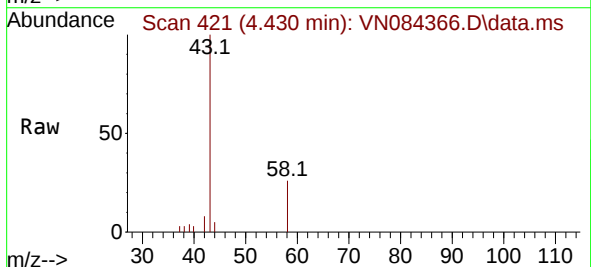
Tgt Ion:168 Resp: 164300
Ion Ratio Lower Upper
168 100
99 63.2 54.2 81.2

Manual Integrations
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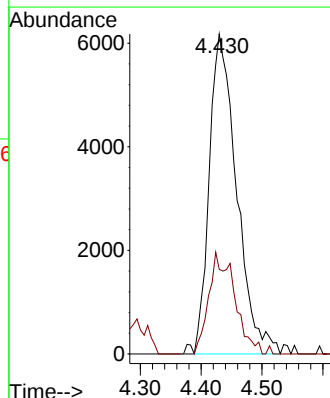
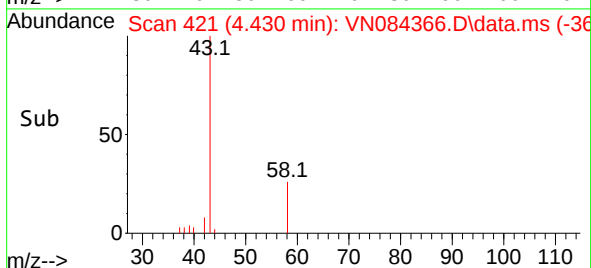
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024

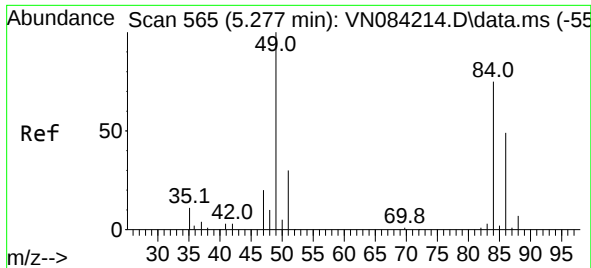


#16
Acetone
Concen: 18.528 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084366.D
Acq: 09 Oct 2024 14:44



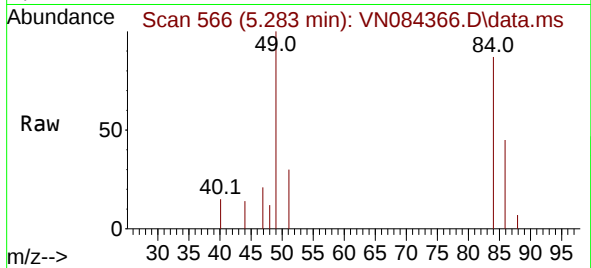
Tgt Ion: 43 Resp: 19389
Ion Ratio Lower Upper
43 100
58 26.5 24.4 36.6





#20
Methylene Chloride
Concen: 2.959 ug/l
RT: 5.283 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN084366.D
Acq: 09 Oct 2024 14:44

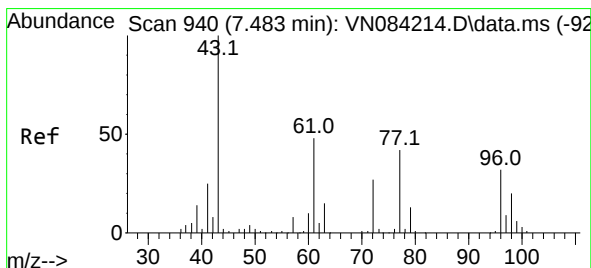
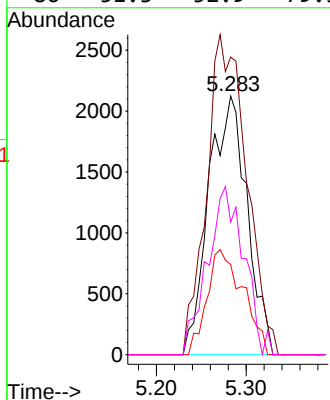
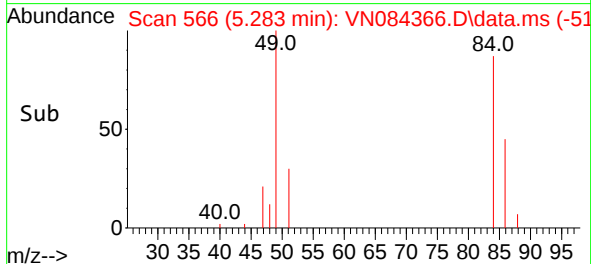
Instrument :
MSVOA_N
ClientSampleId :
23-A



Tgt Ion: 84 Resp: 6294
Ion Ratio Lower Upper
84 100
49 115.0 107.2 160.8
51 34.8 31.8 47.8
86 51.3 52.9 79.3#

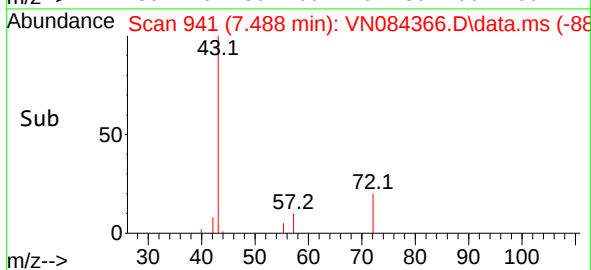
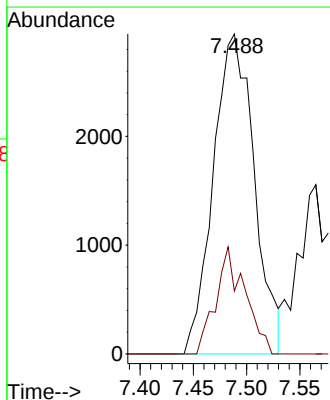
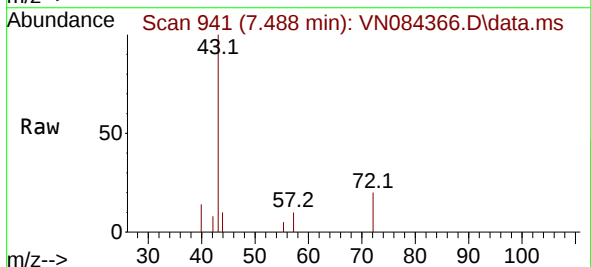
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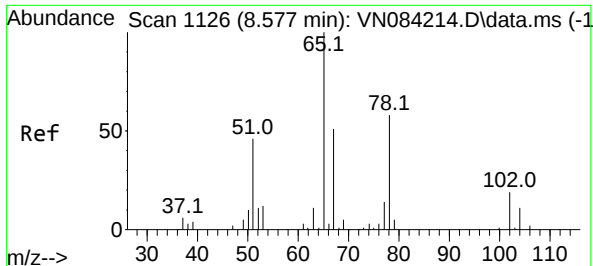
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#25
2-Butanone
Concen: 5.520 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084366.D
Acq: 09 Oct 2024 14:44

Tgt Ion: 43 Resp: 7868
Ion Ratio Lower Upper
43 100
72 19.7 21.4 32.2#





#33

1,2-Dichloroethane-d4

Concen: 50.559 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084366.D

Acq: 09 Oct 2024 14:44

Instrument :

MSVOA_N

ClientSampleId :

23-A

Tgt Ion: 65 Resp: 12316

Ion Ratio Lower Upper

65 100

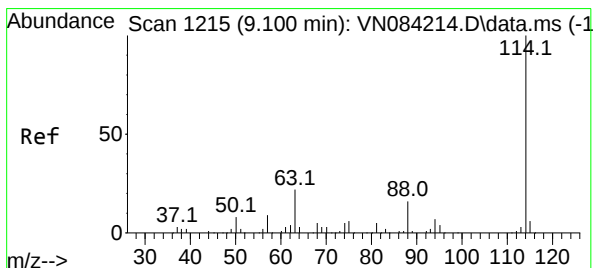
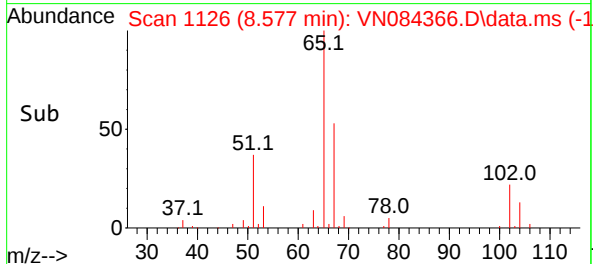
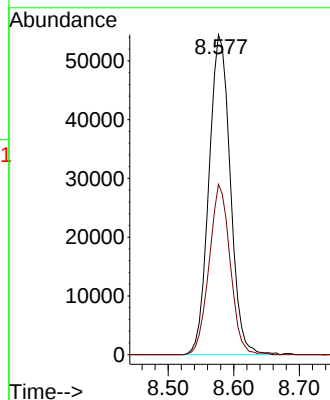
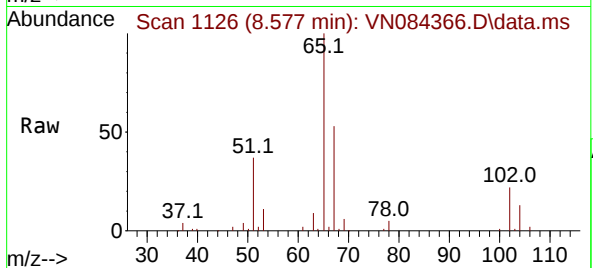
67 52.4 0.0 102.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN084366.D

Acq: 09 Oct 2024 14:44

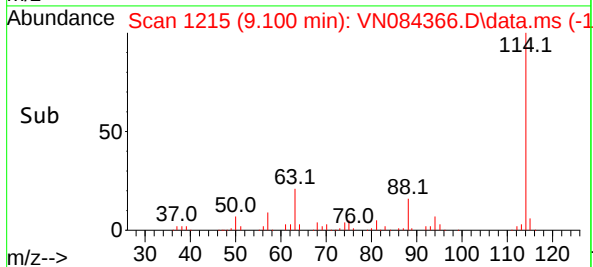
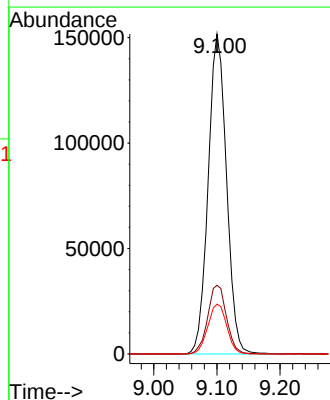
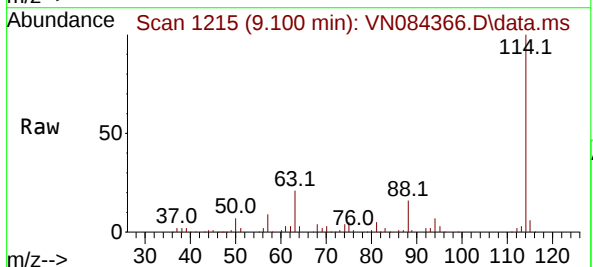
Tgt Ion:114 Resp: 305933

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.8

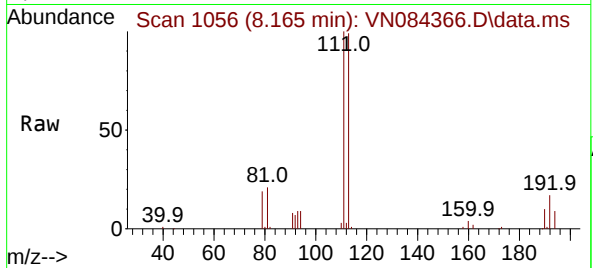
88 15.5 0.0 31.6





#35
Dibromofluoromethane
Concen: 48.159 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084366.D
Acq: 09 Oct 2024 14:44

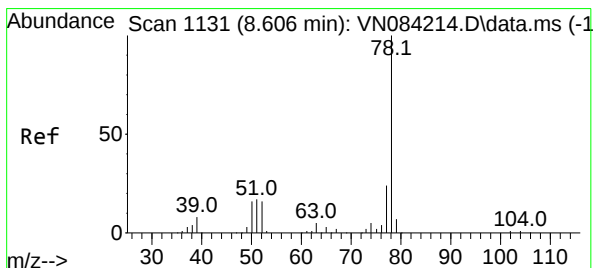
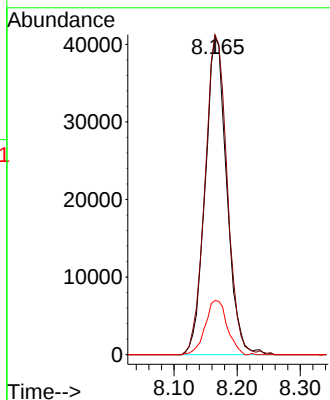
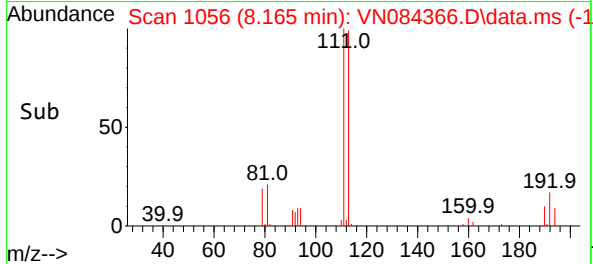
Instrument :
MSVOA_N
ClientSampleId :
23-A



Tgt Ion:113 Resp: 9713
Ion Ratio Lower Upper
113 100
111 103.7 83.3 124.9
192 17.3 13.5 20.3

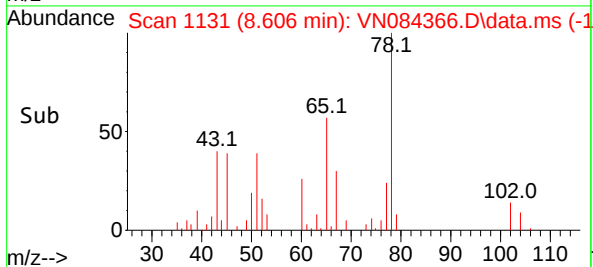
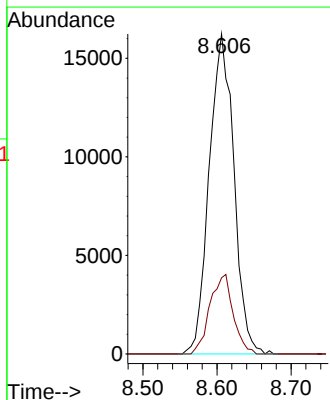
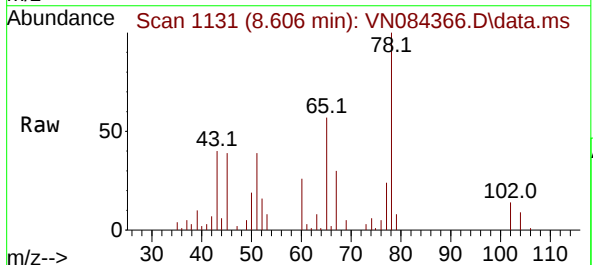
Manual Integrations
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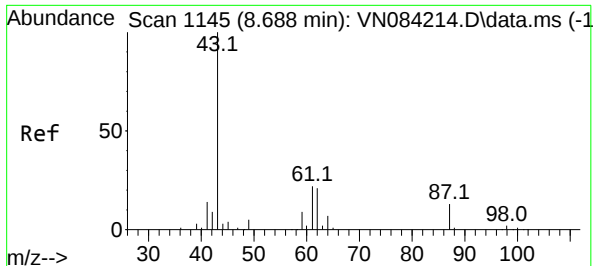
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#40
Benzene
Concen: 4.111 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084366.D
Acq: 09 Oct 2024 14:44

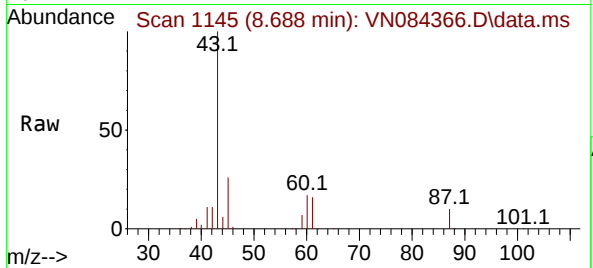
Tgt Ion: 78 Resp: 37527
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7





#43
Isopropyl Acetate
Concen: 37.406 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084366.D
Acq: 09 Oct 2024 14:44

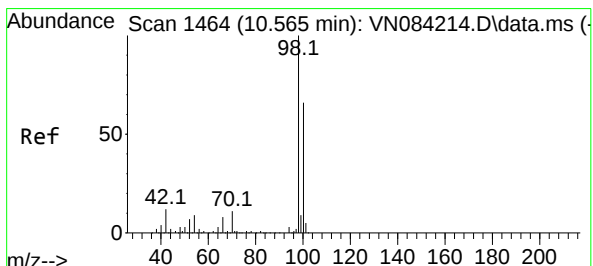
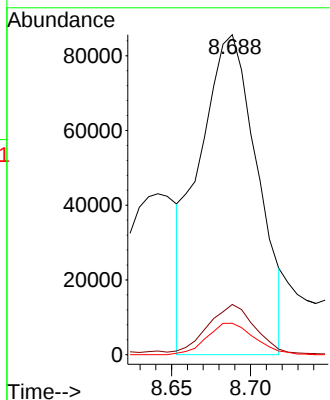
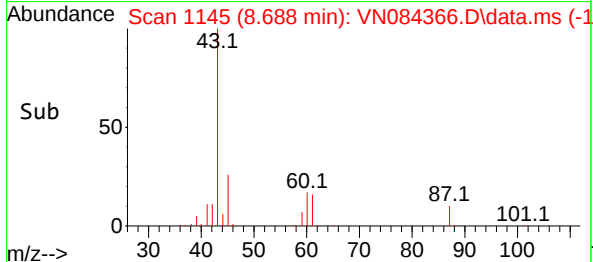
Instrument :
MSVOA_N
ClientSampleId :
23-A



Tgt Ion: 43 Resp: 220210
Ion Ratio Lower Upper
43 100
61 13.8 20.4 30.6
87 8.0 10.3 15.5

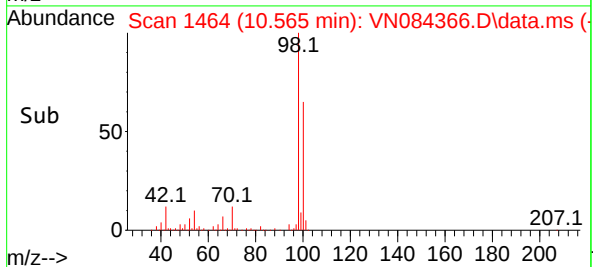
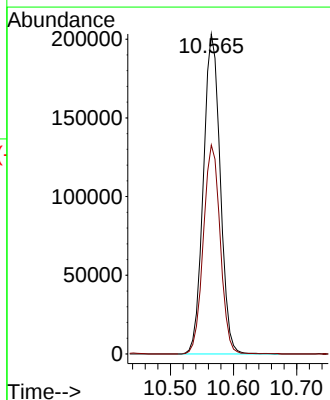
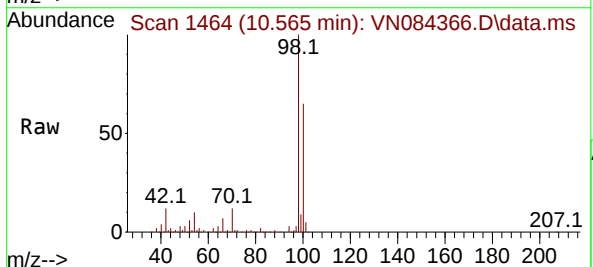
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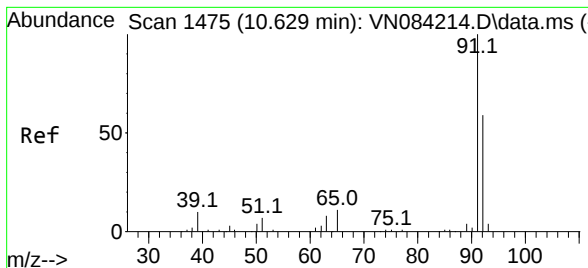
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#50
Toluene-d8
Concen: 50.757 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084366.D
Acq: 09 Oct 2024 14:44

Tgt Ion: 98 Resp: 376634
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1





#52

Toluene

Concen: 5.697 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN084366.D

Acq: 09 Oct 2024 14:44

Instrument :

MSVOA_N

ClientSampleId :

23-A

Tgt Ion: 92 Resp: 31709

Ion Ratio Lower Upper

92 100

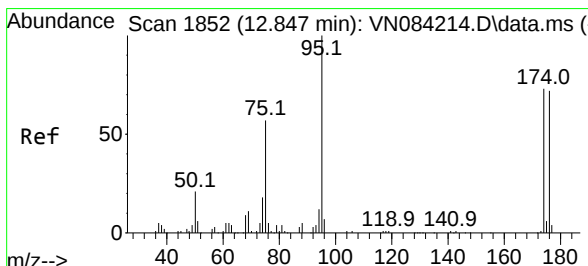
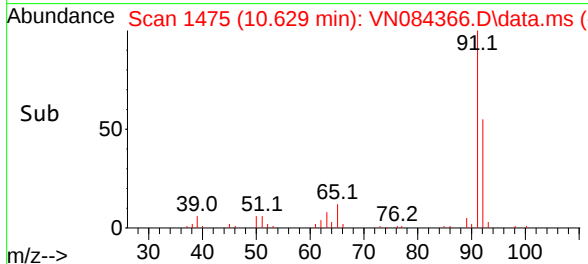
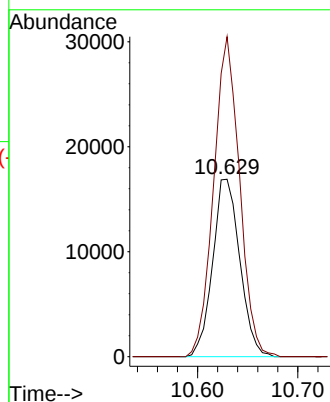
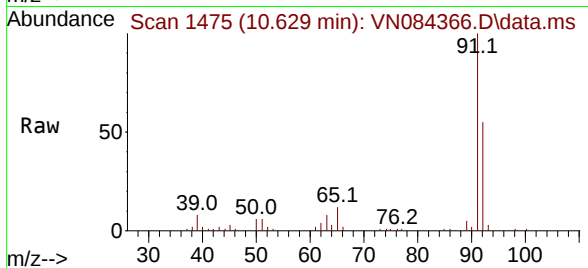
91 172.4 137.3 205.9

Manual Integrations

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Supervised By :Mahesh Dadoda 10/10/2024



#62

4-Bromofluorobenzene

Concen: 49.626 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084366.D

Acq: 09 Oct 2024 14:44

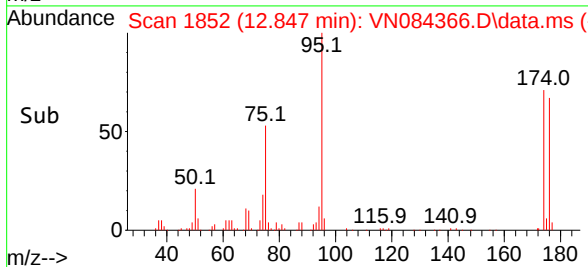
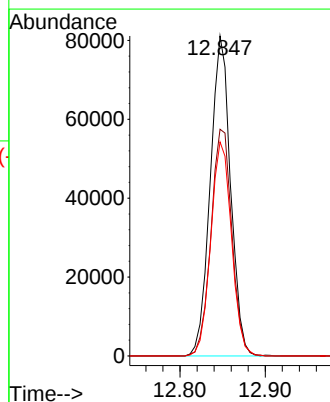
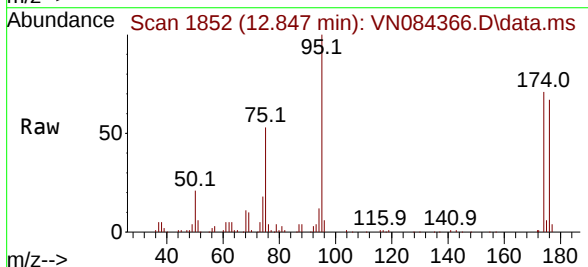
Tgt Ion: 95 Resp: 134154

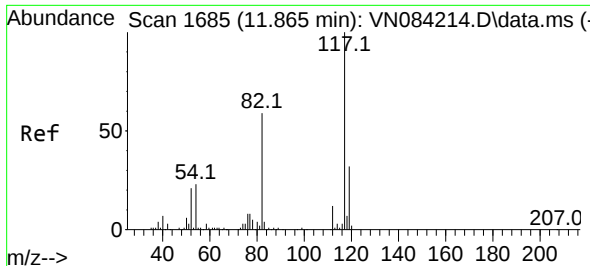
Ion Ratio Lower Upper

95 100

174 73.1 0.0 145.2

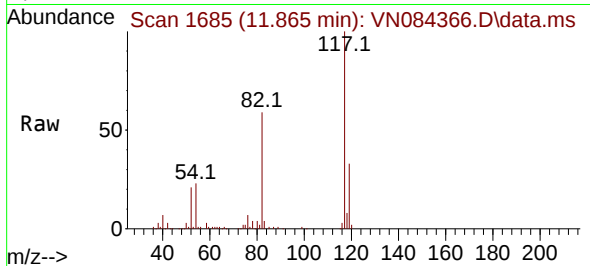
176 68.2 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN084366.D
Acq: 09 Oct 2024 14:44

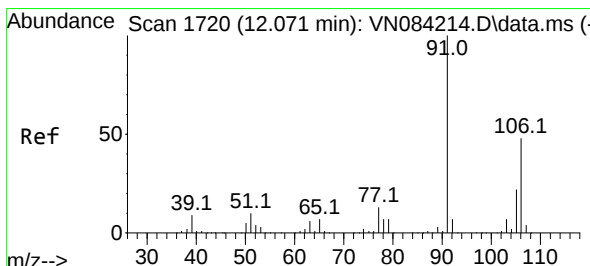
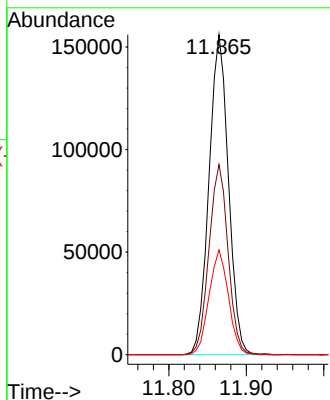
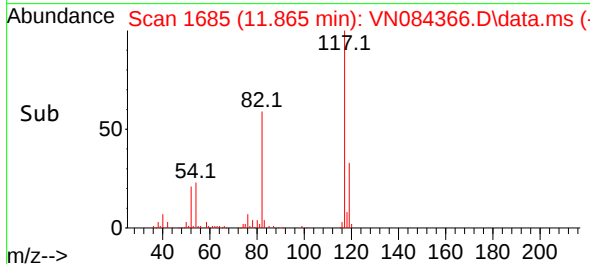
Instrument :
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ClientSampleId :
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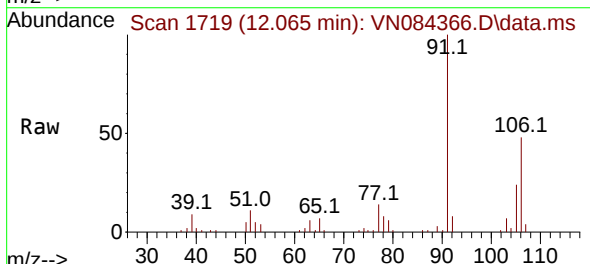
Tgt Ion:117 Resp: 271814
Ion Ratio Lower Upper
117 100
82 59.4 47.2 70.8
119 32.8 25.4 38.0

Manual Integrations
APPROVED

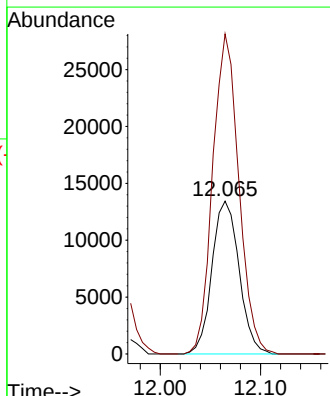
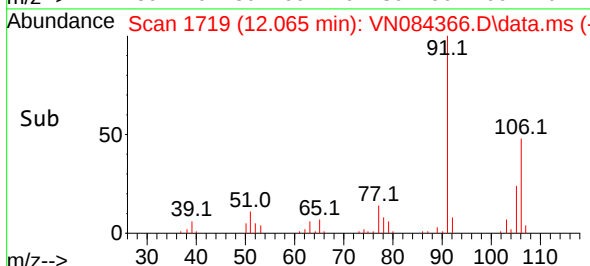
Reviewed By :John Carlone 10/10/2024
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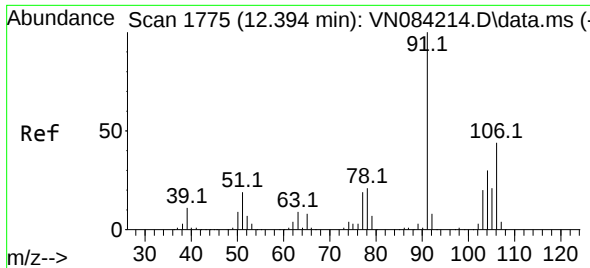


#68
m/p-Xylenes
Concen: 6.387 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084366.D
Acq: 09 Oct 2024 14:44



Tgt Ion:106 Resp: 25181
Ion Ratio Lower Upper
106 100
91 201.6 167.1 250.7





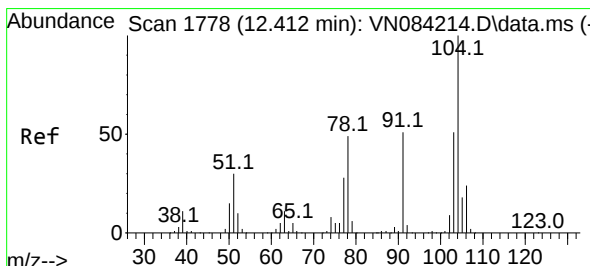
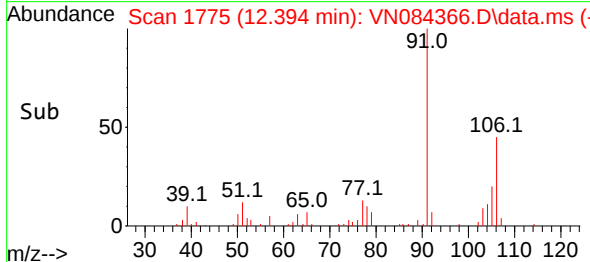
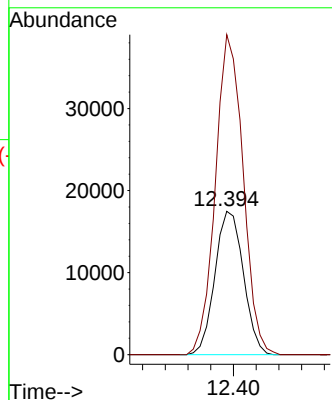
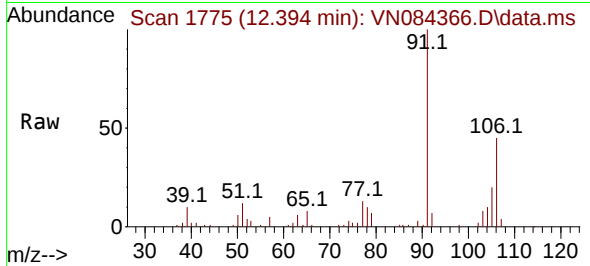
#69
o-Xylene
Concen: 8.152 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084366.D
Acq: 09 Oct 2024 14:44

Instrument :
MSVOA_N
ClientSampleId :
23-A

Tgt Ion:106 Resp: 30408
Ion Ratio Lower Upper
106 100
91 217.4 110.2 330.6

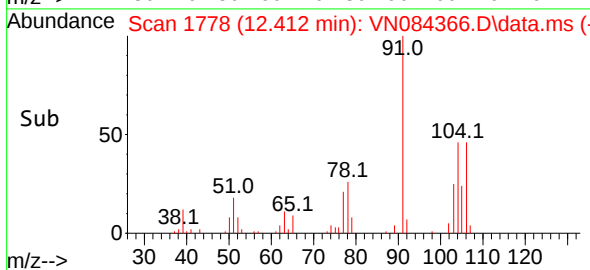
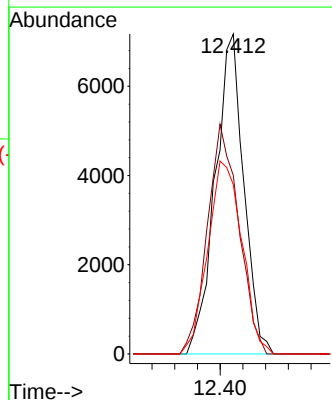
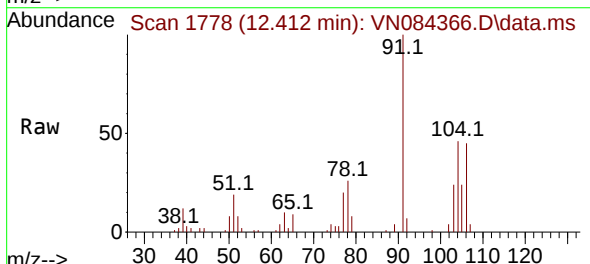
Manual Integrations
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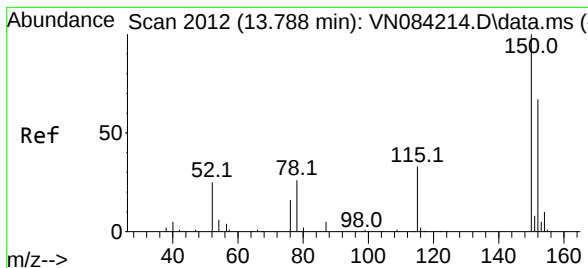
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#70
Styrene
Concen: 1.983 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084366.D
Acq: 09 Oct 2024 14:44

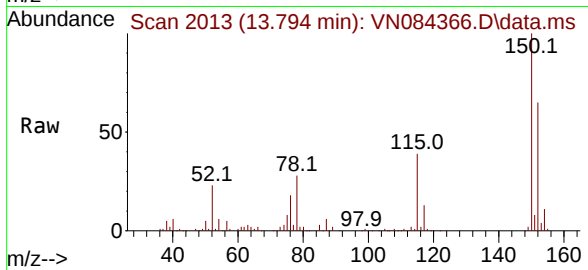
Tgt Ion:104 Resp: 12527
Ion Ratio Lower Upper
104 100
78 78.9 42.7 64.1#
103 71.9 43.6 65.4#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2012
 Delta R.T. 0.006 min
 Lab File: VN084366.D
 Acq: 09 Oct 2024 14:44

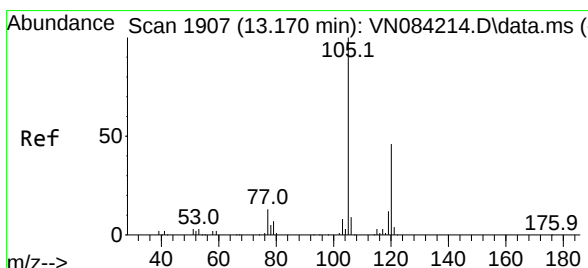
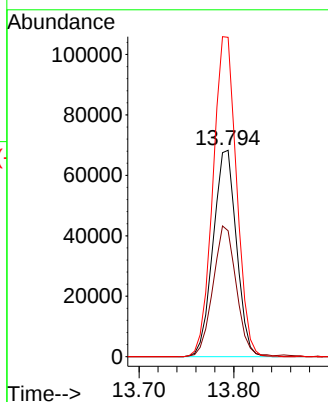
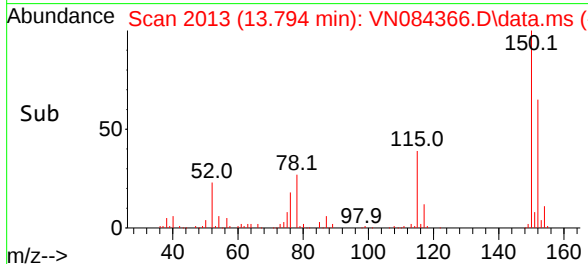
Instrument :
 MSVOA_N
 ClientSampleId :
 23-A



Tgt Ion:152 Resp: 11709
 Ion Ratio Lower Upper
 152 100
 115 63.3 31.3 93.9
 150 156.5 0.0 349.8

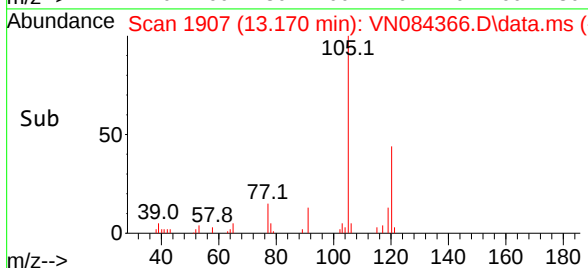
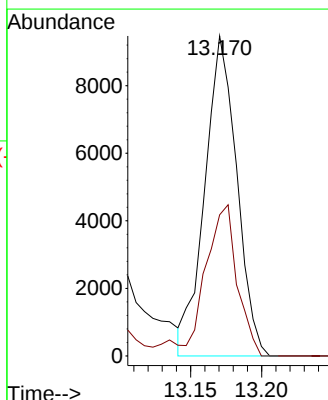
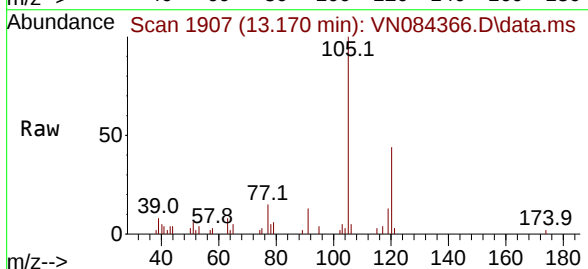
Manual Integrations
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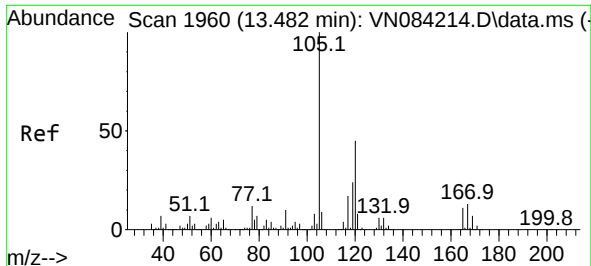
Reviewed By :John Carlone 10/10/2024
 Supervised By :Mahesh Dadoda 10/10/2024



#80
 1,3,5-Trimethylbenzene
 Concen: 2.036 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VN084366.D
 Acq: 09 Oct 2024 14:44

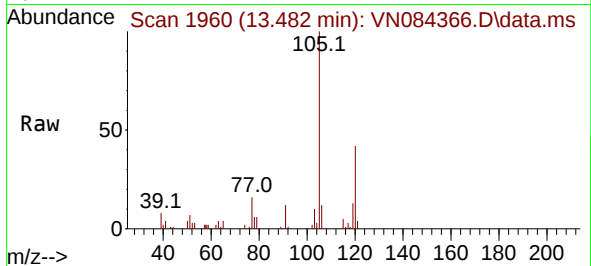
Tgt Ion:105 Resp: 14837
 Ion Ratio Lower Upper
 105 100
 120 48.6 23.7 71.1





#84
1,2,4-Trimethylbenzene
Concen: 4.319 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084366.D
Acq: 09 Oct 2024 14:44

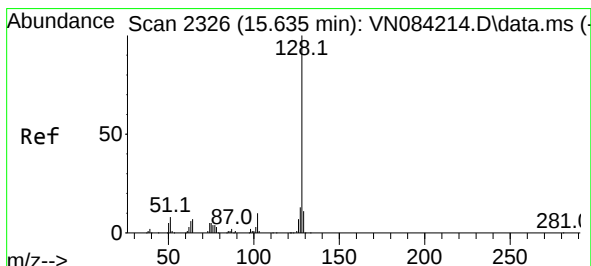
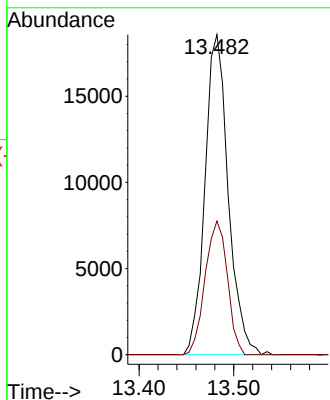
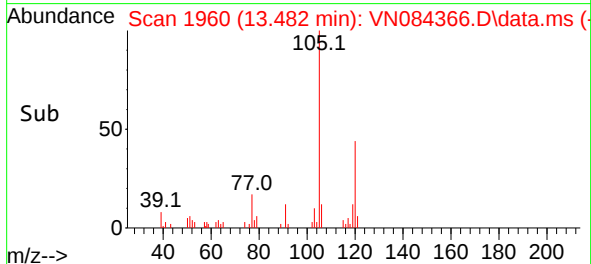
Instrument :
MSVOA_N
ClientSampleId :
23-A



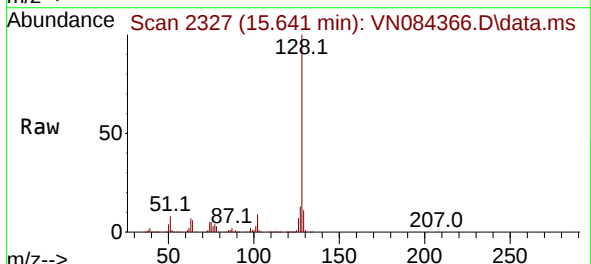
Tgt Ion:105 Resp: 31715
Ion Ratio Lower Upper
105 100
120 39.9 22.3 66.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#95
Naphthalene
Concen: 351.842 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084366.D
Acq: 09 Oct 2024 14:44



Tgt Ion:128 Resp: 2277865
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.0 8.7 13.1

