

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
 Data File : VN085237.D
 Acq On : 17 Dec 2024 20:22
 Operator : JC\MD
 Sample : P5291-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-20241213

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

Quant Time: Dec 18 00:41:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	147129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	224725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104389	49.810	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.620%		
35) Dibromofluoromethane	8.165	113	83952	48.019	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.040%		
50) Toluene-d8	10.565	98	303820	48.491	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.980%		
62) 4-Bromofluorobenzene	12.847	95	117148	49.997	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.000%		
Target Compounds						Qvalue
16) Acetone	4.436	43	12406	20.326	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	6002m	1.176	ug/l	
30) Chloroform	7.965	83	16734	4.961	ug/l	95
39) Methylcyclohexane	9.600	83	10673	4.337	ug/l	94
40) Benzene	8.606	78	119235	15.920	ug/l	100
52) Toluene	10.629	92	23658	5.336	ug/l	97
67) Ethyl Benzene	11.965	91	291333	35.234	ug/l	99
68) m/p-Xylenes	12.071	106	113319	35.998	ug/l	100
69) o-Xylene	12.400	106	55835	18.646	ug/l	100
73) Isopropylbenzene	12.694	105	52729	7.489	ug/l	99
78) n-propylbenzene	13.035	91	69935	8.612	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	39377	6.665	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	375633	61.769	ug/l	99
95) Naphthalene	15.641	128	951472	171.718	ug/l	99

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

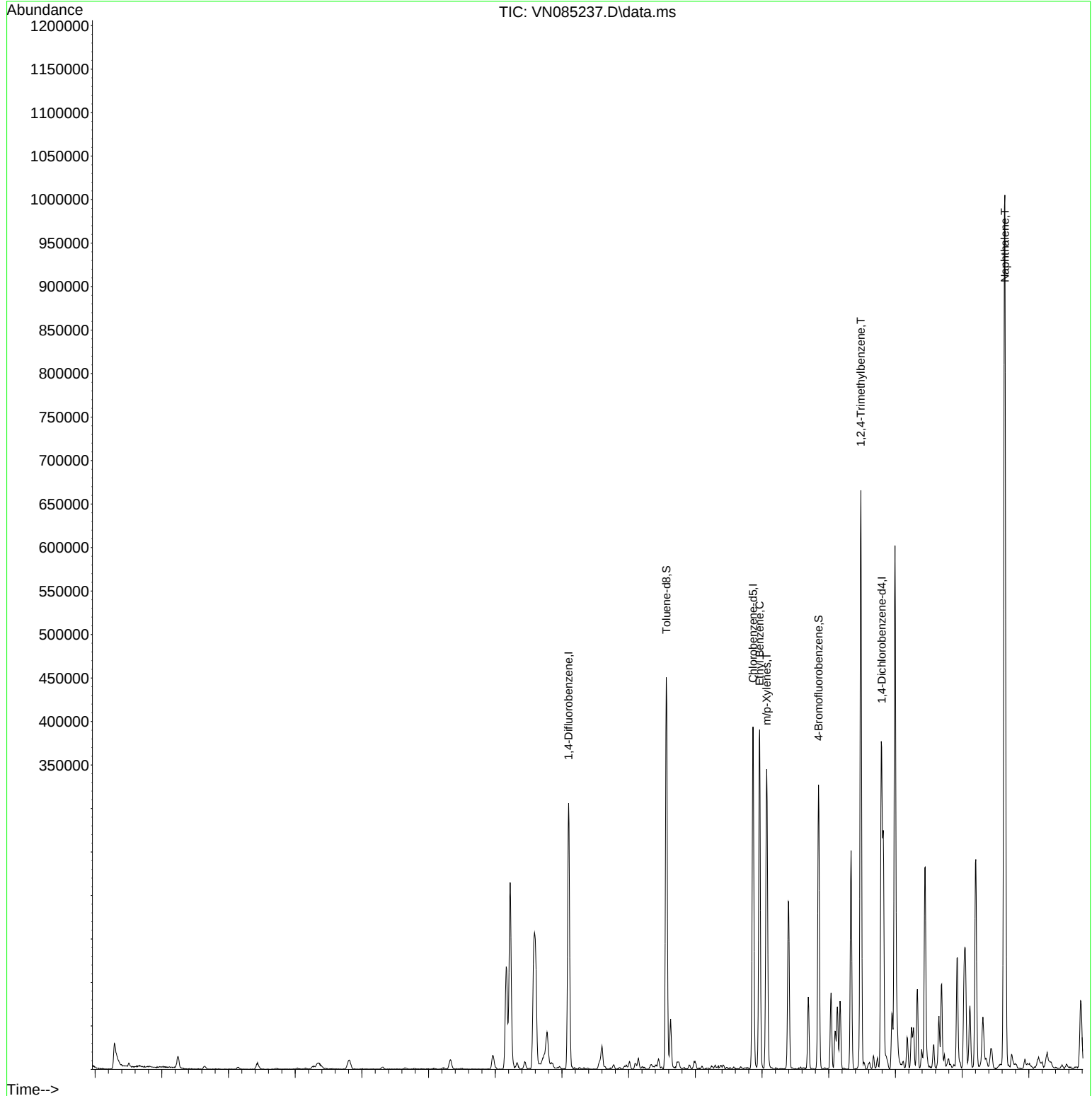
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
Data File : VN085237.D
Acq On : 17 Dec 2024 20:22
Operator : JC\MD
Sample : P5291-13
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

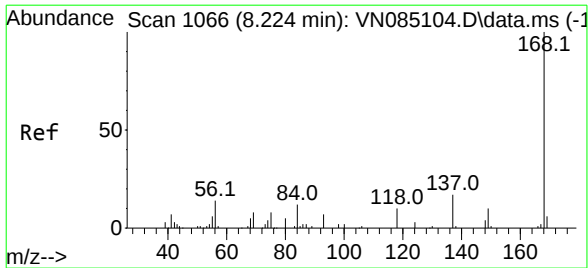
Instrument :
MSVOA_N
ClientSampleId :
WC-20241213

Quant Time: Dec 18 00:41:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

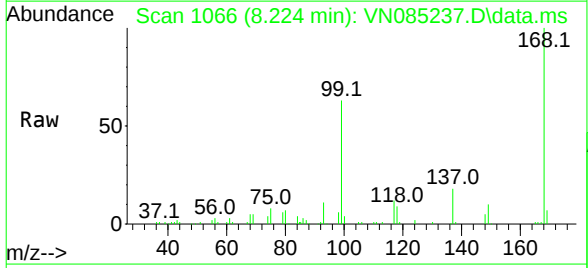
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085237.D
Acq: 17 Dec 2024 20:22

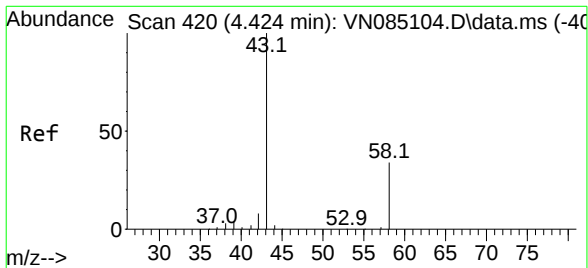
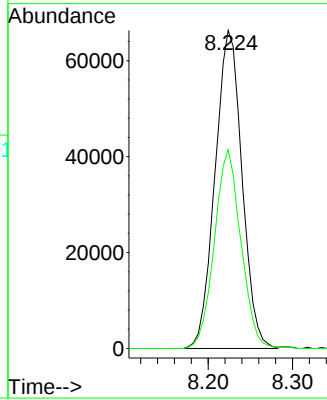
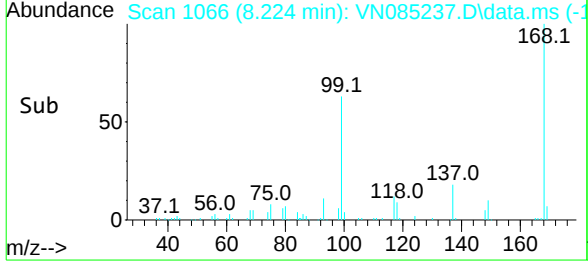
Instrument :
MSVOA_N
ClientSampleId :
WC-20241213



Tgt Ion:168 Resp: 147129
Ion Ratio Lower Upper
168 100
99 62.5 51.2 76.8

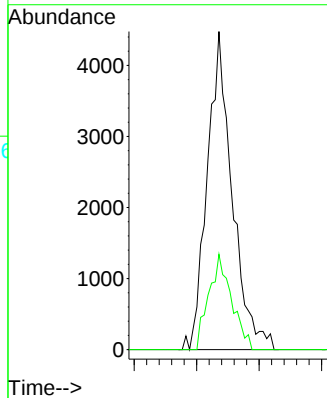
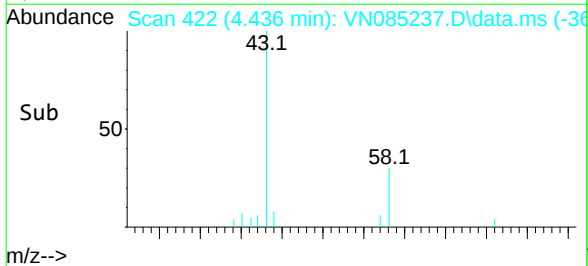
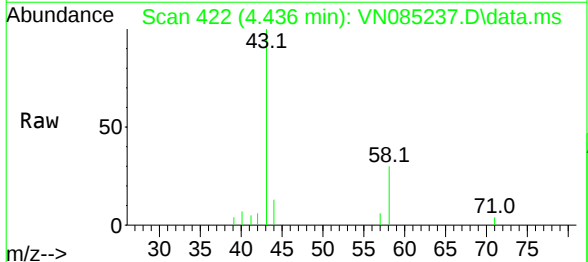
Manual Integrations
APPROVED

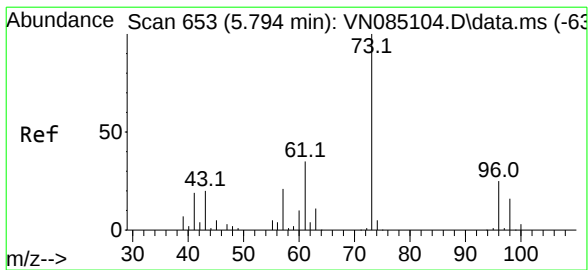
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#16
Acetone
Concen: 20.326 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN085237.D
Acq: 17 Dec 2024 20:22

Tgt Ion: 43 Resp: 12406
Ion Ratio Lower Upper
43 100
58 30.0 25.4 38.2





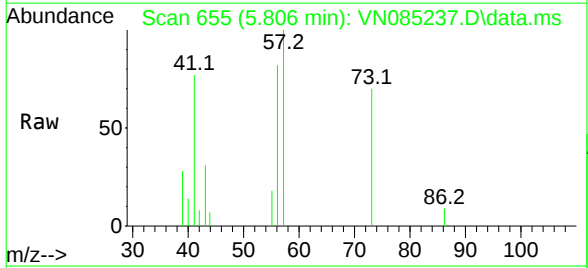
#19
Methyl tert-butyl Ether
Concen: 1.176 ug/l m
RT: 5.806 min Scan# 65
Delta R.T. 0.018 min
Lab File: VN085237.D
Acq: 17 Dec 2024 20:22

Instrument :

MSVOA_N

ClientSampleId :

WC-20241213

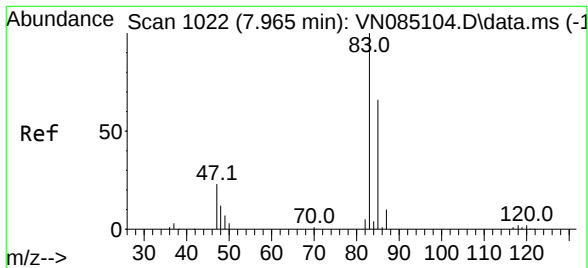
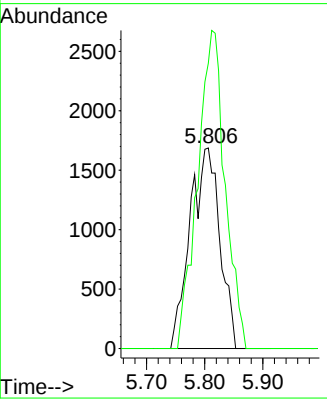
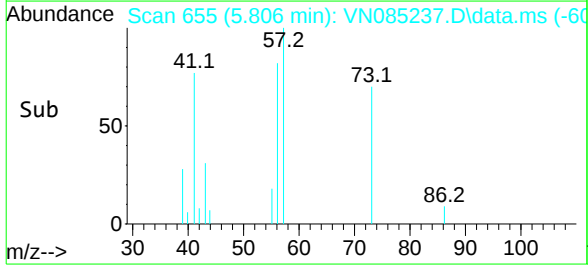


Tgt Ion: 73 Resp: 6002
Ion Ratio Lower Upper
73 100
57 142.3 17.0 25.4#

Manual Integrations

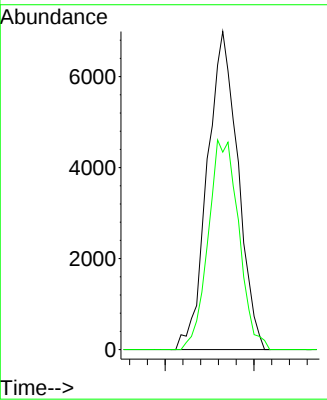
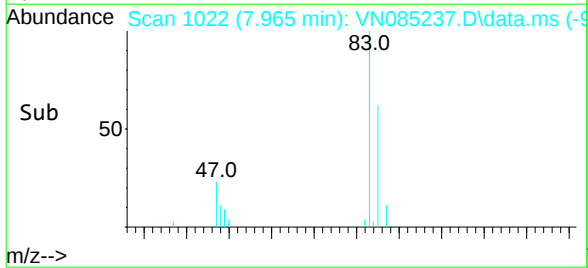
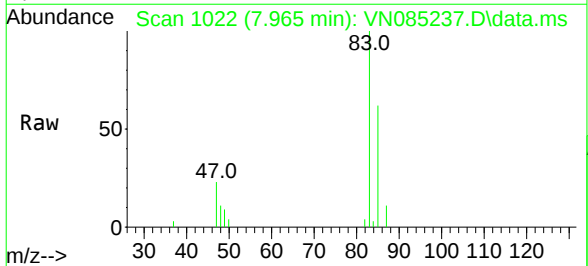
APPROVED

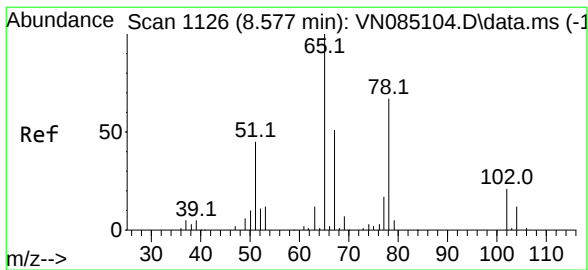
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#30
Chloroform
Concen: 4.961 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085237.D
Acq: 17 Dec 2024 20:22

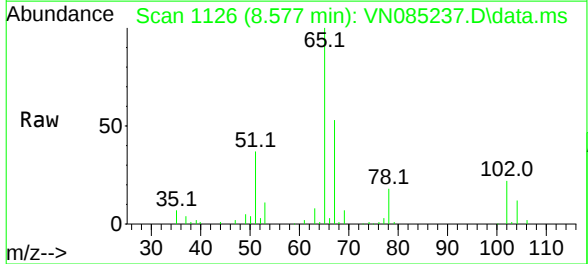
Tgt Ion: 83 Resp: 16734
Ion Ratio Lower Upper
83 100
85 62.1 52.6 78.8





#33
1,2-Dichloroethane-d4
Concen: 49.810 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085237.D
Acq: 17 Dec 2024 20:22

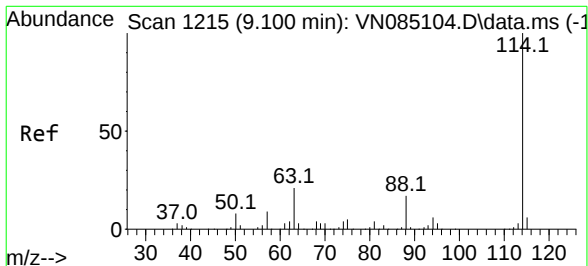
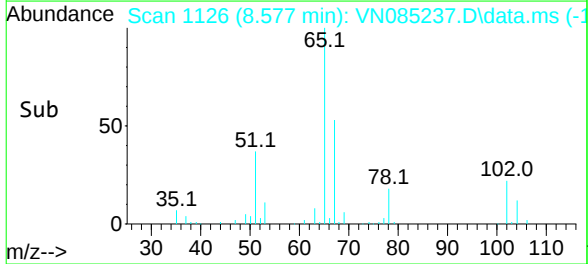
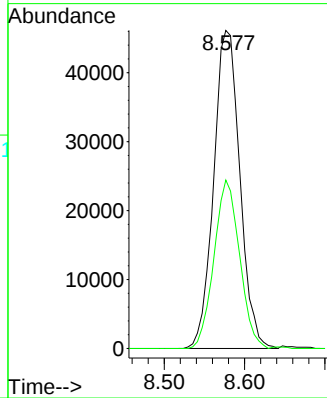
Instrument :
MSVOA_N
ClientSampleId :
WC-20241213



Tgt Ion: 65 Resp: 104389
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.0

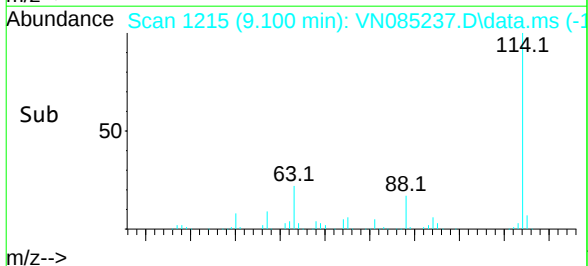
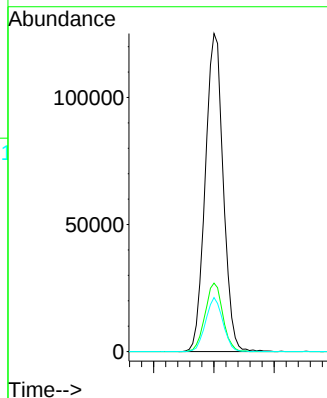
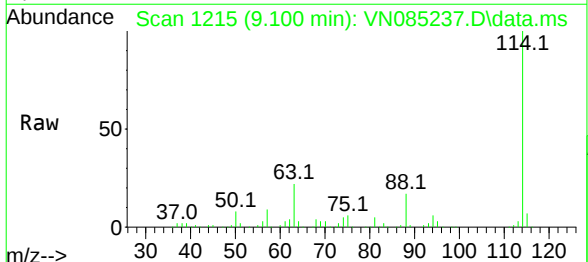
Manual Integrations
APPROVED

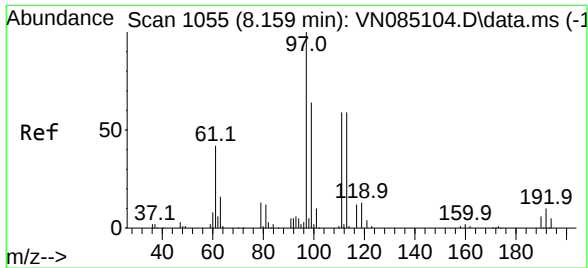
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085237.D
Acq: 17 Dec 2024 20:22

Tgt Ion:114 Resp: 259253
Ion Ratio Lower Upper
114 100
63 21.5 0.0 41.0
88 17.0 0.0 34.8





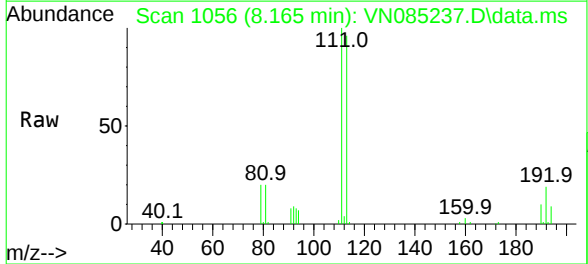
#35
 Dibromofluoromethane
 Concen: 48.019 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085237.D
 Acq: 17 Dec 2024 20:22

Instrument :

MSVOA_N

ClientSampleId :

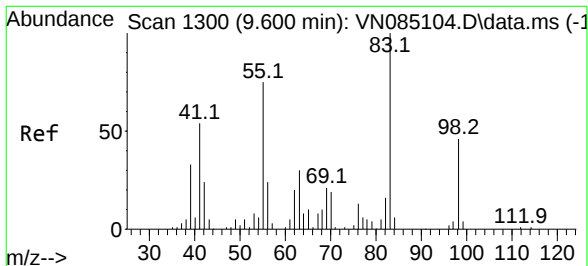
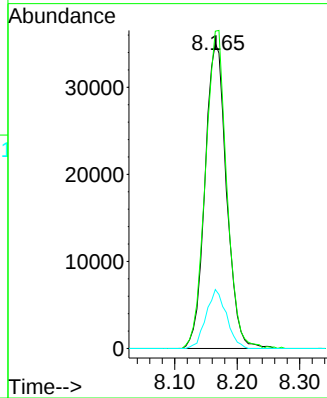
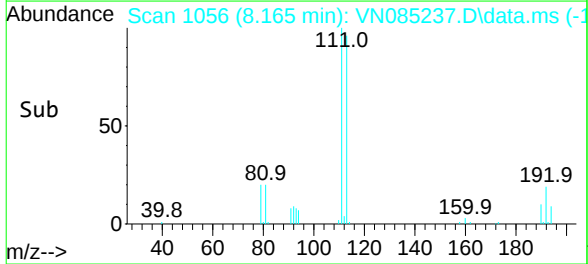
WC-20241213



Tgt Ion:	113	Resp:	83952
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	18.3	14.8	22.2

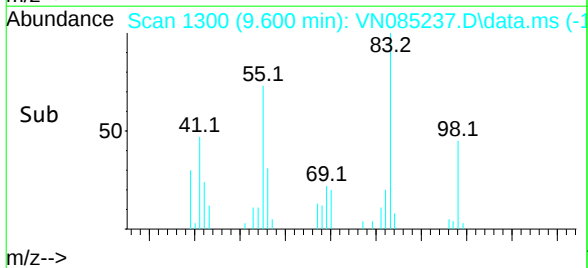
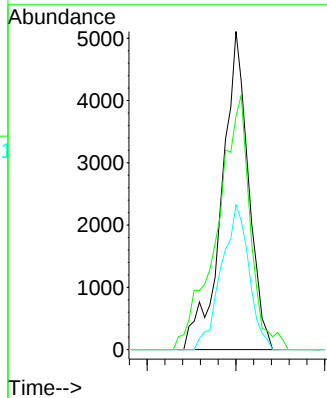
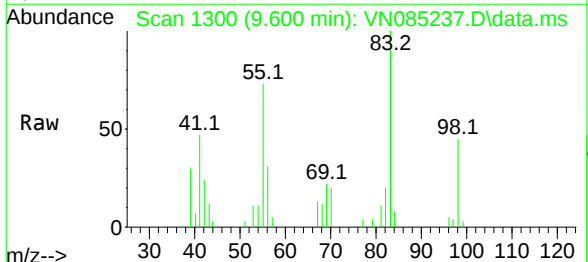
Manual Integrations
 APPROVED

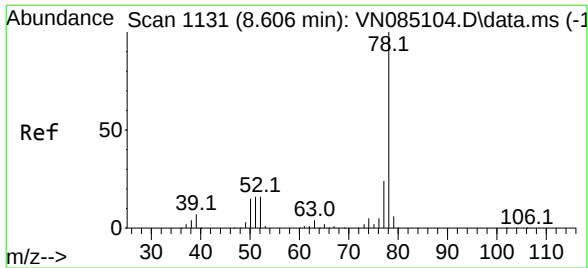
Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024



#39
 Methylcyclohexane
 Concen: 4.337 ug/l
 RT: 9.600 min Scan# 1300
 Delta R.T. 0.006 min
 Lab File: VN085237.D
 Acq: 17 Dec 2024 20:22

Tgt Ion:	83	Resp:	10673
Ion	Ratio	Lower	Upper
83	100		
55	69.2	61.8	92.6
98	45.5	37.0	55.6





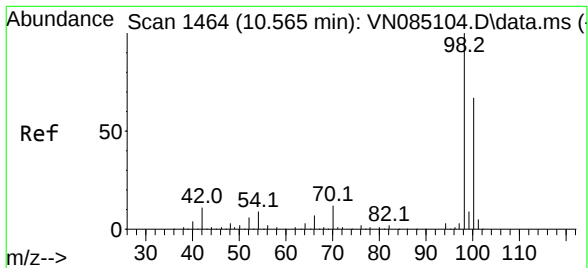
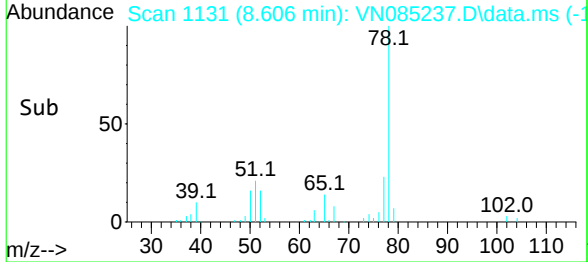
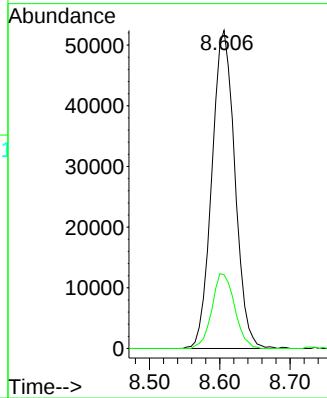
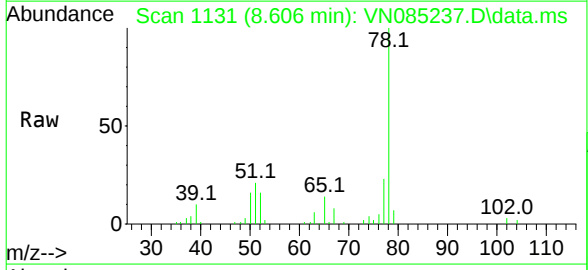
#40
Benzene
Concen: 15.920 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085237.D
Acq: 17 Dec 2024 20:22

Instrument :
MSVOA_N
ClientSampleId :
WC-20241213

Tgt Ion: 78 Resp: 119235
Ion Ratio Lower Upper
78 100
77 23.2 18.5 27.7

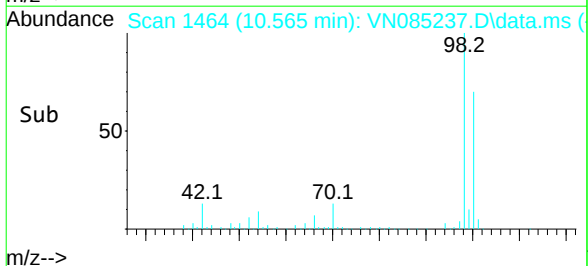
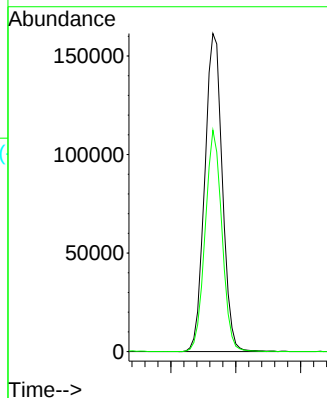
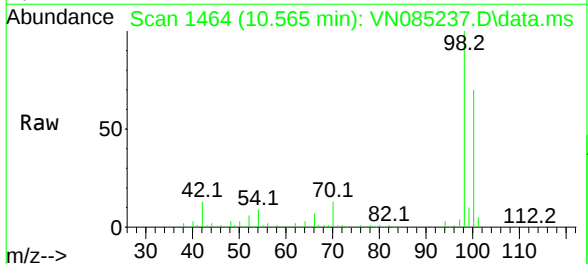
Manual Integrations
APPROVED

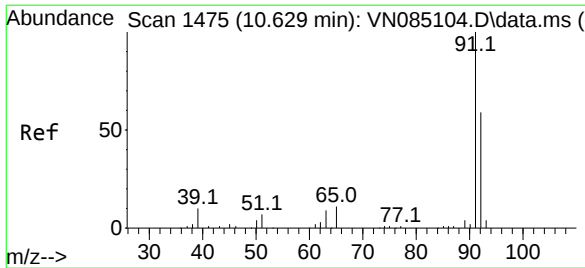
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#50
Toluene-d8
Concen: 48.491 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085237.D
Acq: 17 Dec 2024 20:22

Tgt Ion: 98 Resp: 303820
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7





#52

Toluene

Concen: 5.336 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VN085237.D

Acq: 17 Dec 2024 20:22

Instrument :

MSVOA_N

ClientSampleId :

WC-20241213

Tgt Ion: 92 Resp: 23658

Ion Ratio Lower Upper

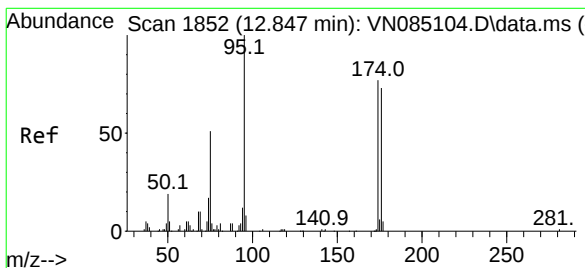
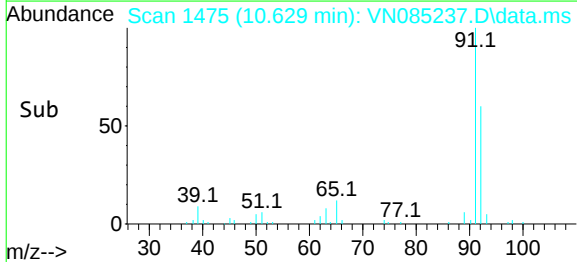
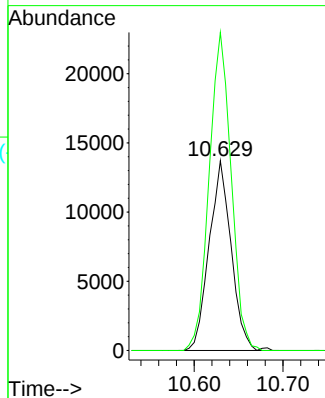
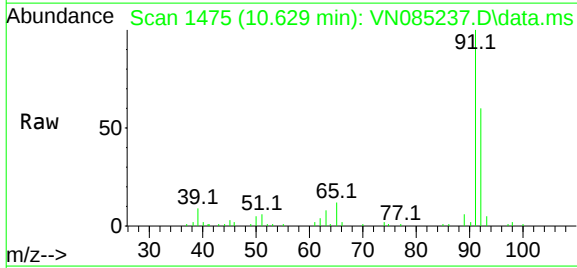
92 100

91 167.4 136.7 205.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#62

4-Bromofluorobenzene

Concen: 49.997 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085237.D

Acq: 17 Dec 2024 20:22

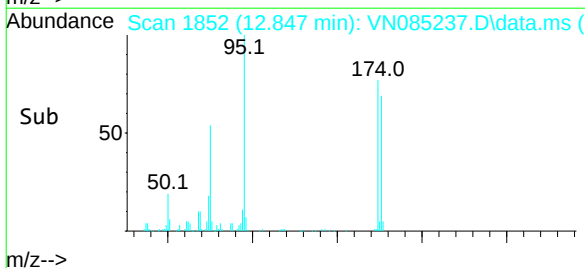
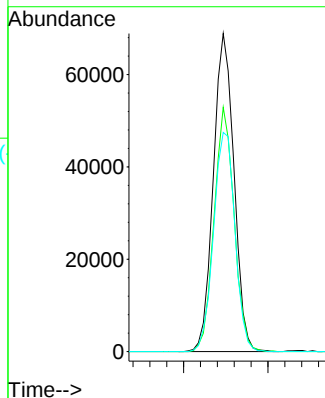
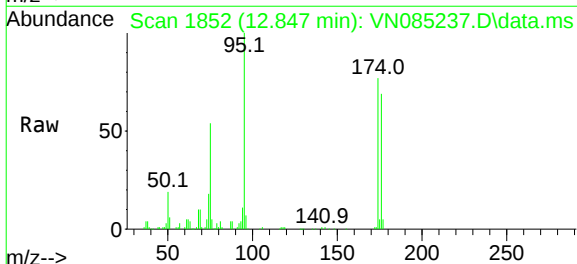
Tgt Ion: 95 Resp: 117148

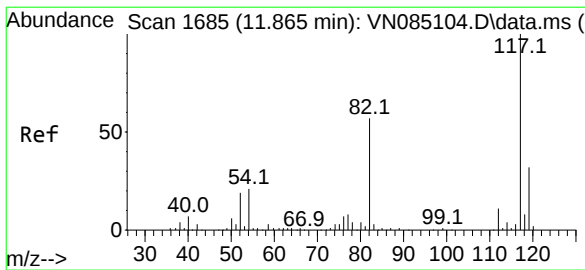
Ion Ratio Lower Upper

95 100

174 74.6 0.0 146.6

176 71.4 0.0 141.8





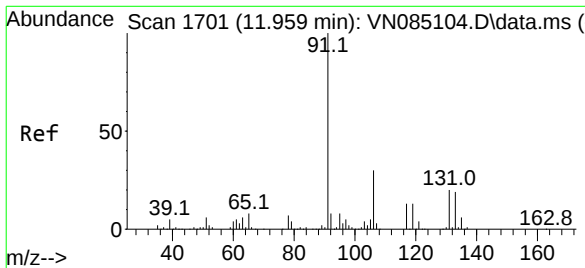
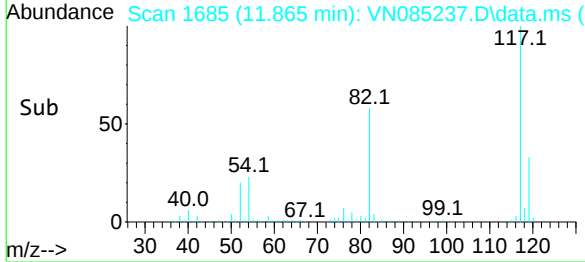
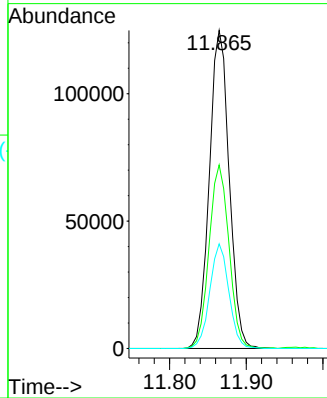
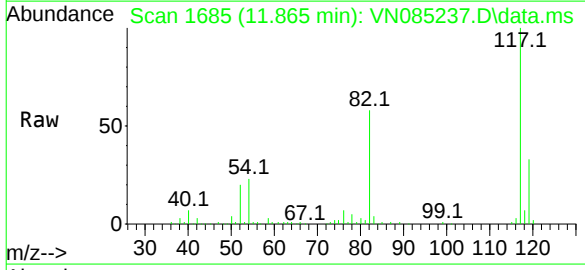
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085237.D
Acq: 17 Dec 2024 20:22

Instrument :
MSVOA_N
ClientSampleId :
WC-20241213

Tgt Ion: 117 Resp: 224725
Ion Ratio Lower Upper
117 100
82 57.7 46.0 69.0
119 32.9 25.6 38.4

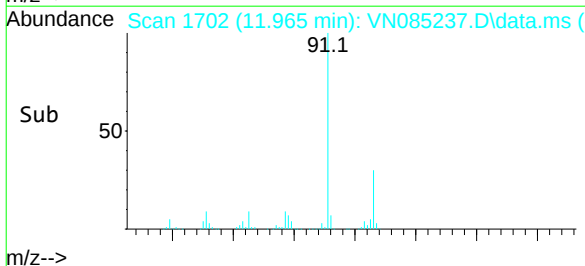
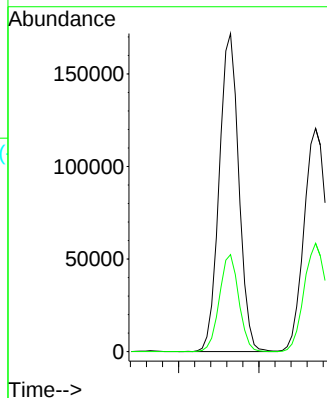
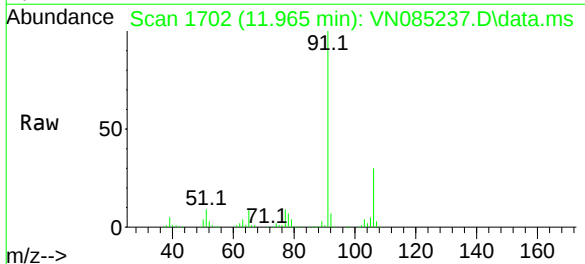
Manual Integrations
APPROVED

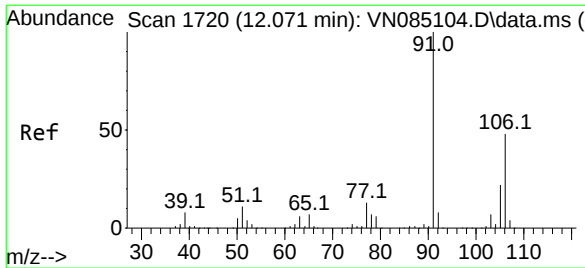
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#67
Ethyl Benzene
Concen: 35.234 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN085237.D
Acq: 17 Dec 2024 20:22

Tgt Ion: 91 Resp: 291333
Ion Ratio Lower Upper
91 100
106 30.5 24.7 37.1





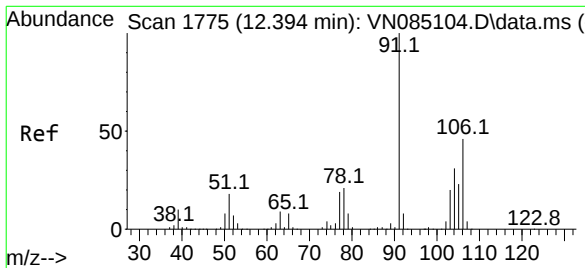
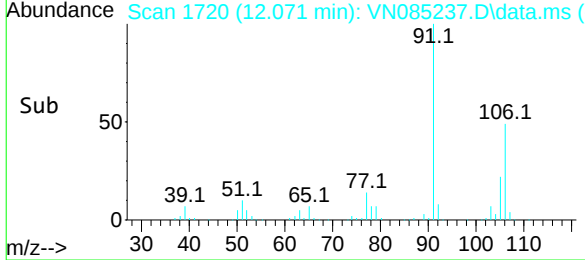
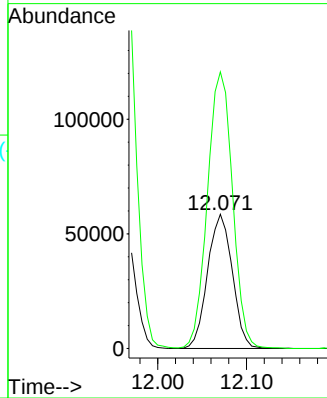
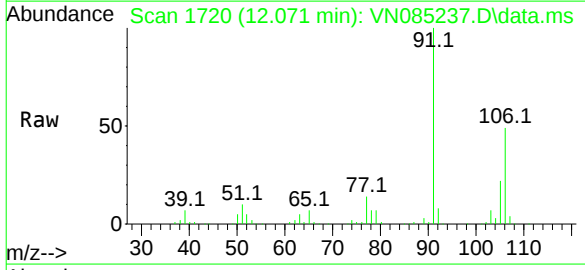
#68
m/p-Xylenes
Concen: 35.998 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085237.D
Acq: 17 Dec 2024 20:22

Instrument :
MSVOA_N
ClientSampleId :
WC-20241213

Tgt Ion:106 Resp: 113319
Ion Ratio Lower Upper
106 100
91 209.5 168.0 252.0

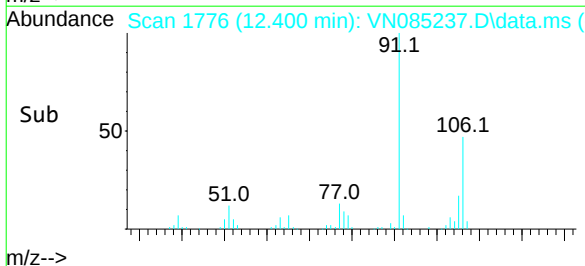
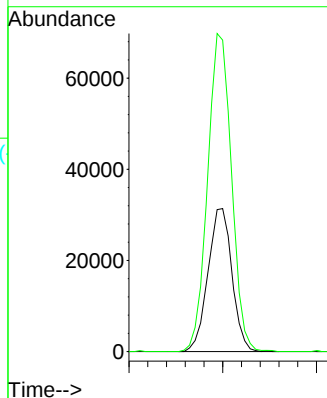
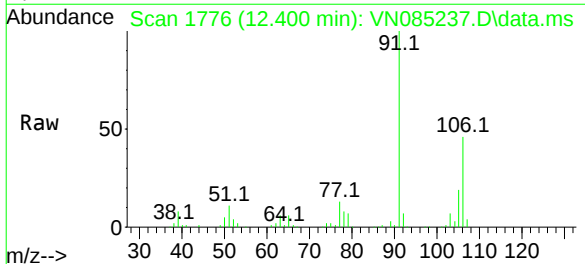
Manual Integrations
APPROVED

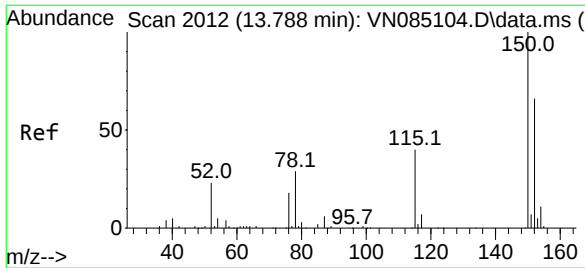
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#69
o-Xylene
Concen: 18.646 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN085237.D
Acq: 17 Dec 2024 20:22

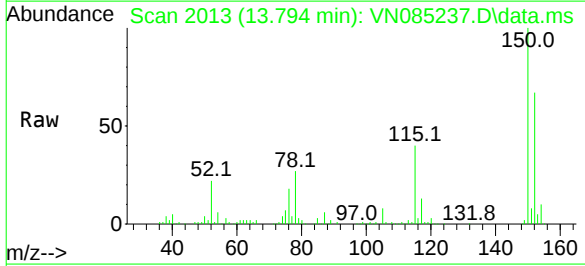
Tgt Ion:106 Resp: 55835
Ion Ratio Lower Upper
106 100
91 221.4 110.7 331.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN085237.D
Acq: 17 Dec 2024 20:22

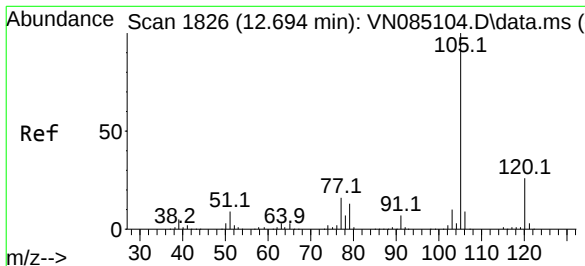
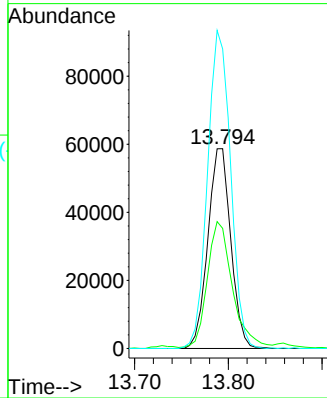
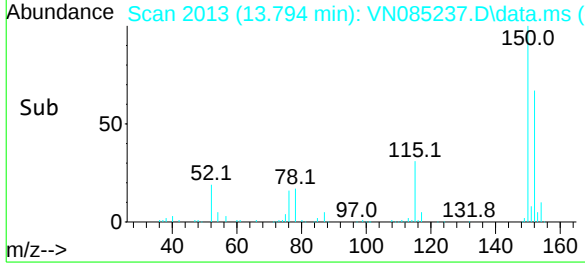
Instrument :
MSVOA_N
ClientSampleId :
WC-20241213



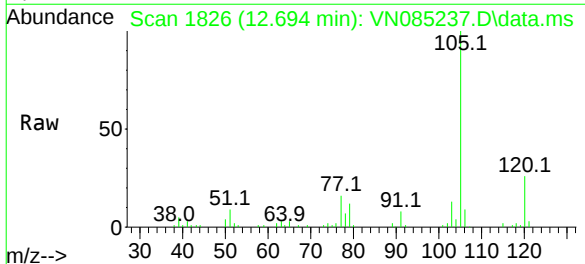
Tgt Ion:152 Resp: 99799
Ion Ratio Lower Upper
152 100
115 68.2 31.7 95.1
150 160.0 0.0 351.4

Manual Integrations
APPROVED

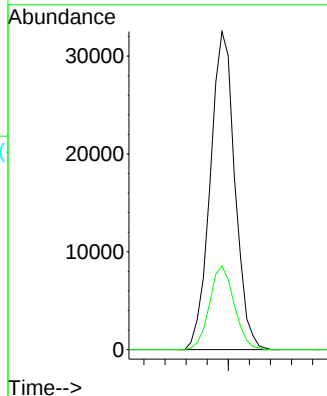
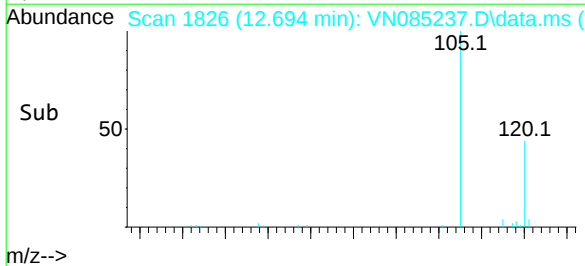
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

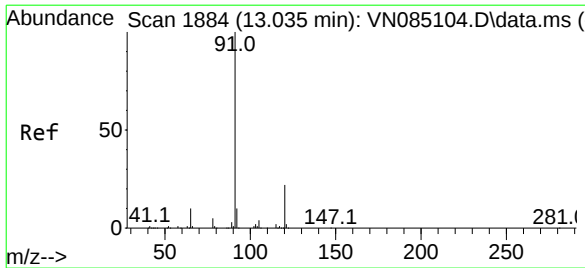


#73
Isopropylbenzene
Concen: 7.489 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085237.D
Acq: 17 Dec 2024 20:22



Tgt Ion:105 Resp: 52729
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0





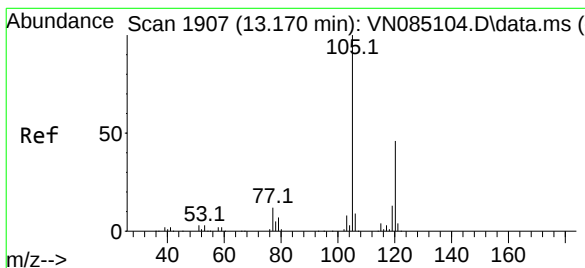
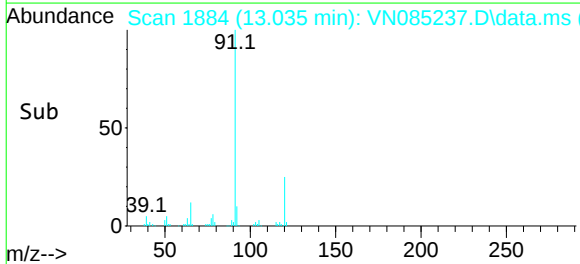
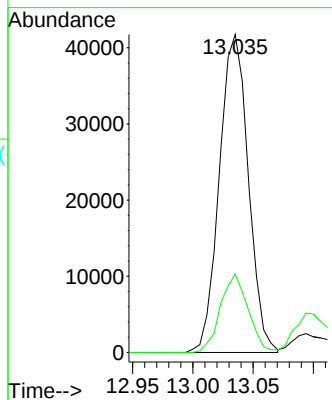
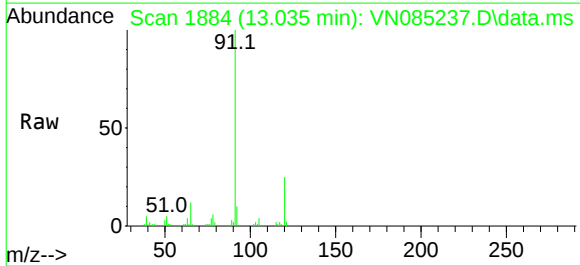
#78
n-propylbenzene
Concen: 8.612 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085237.D
Acq: 17 Dec 2024 20:22

Instrument :
MSVOA_N
ClientSampleId :
WC-20241213

Tgt Ion: 91 Resp: 69935
Ion Ratio Lower Upper
91 100
120 23.7 11.3 33.9

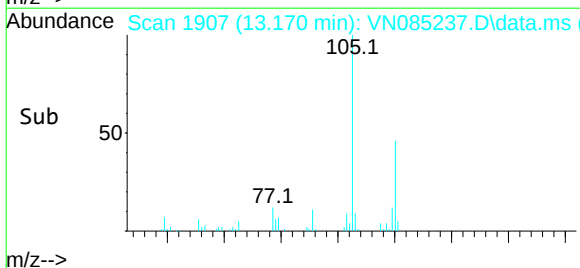
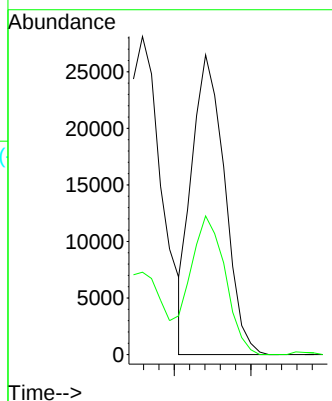
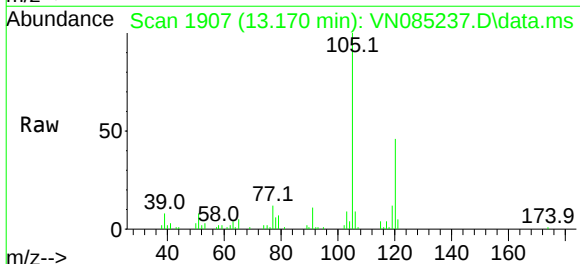
Manual Integrations
APPROVED

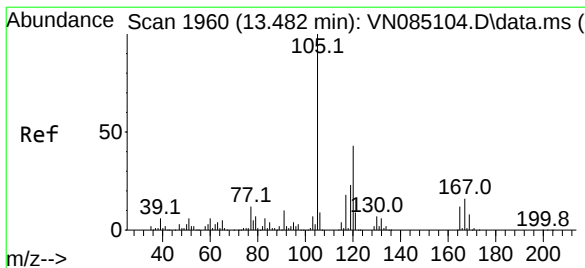
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#80
1,3,5-Trimethylbenzene
Concen: 6.665 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085237.D
Acq: 17 Dec 2024 20:22

Tgt Ion:105 Resp: 39377
Ion Ratio Lower Upper
105 100
120 50.4 23.6 71.0





#84

1,2,4-Trimethylbenzene

Concen: 61.769 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN085237.D

Acq: 17 Dec 2024 20:22

Instrument :

MSVOA_N

ClientSampleId :

WC-20241213

Tgt Ion:105 Resp: 375633

Ion Ratio Lower Upper

105 100

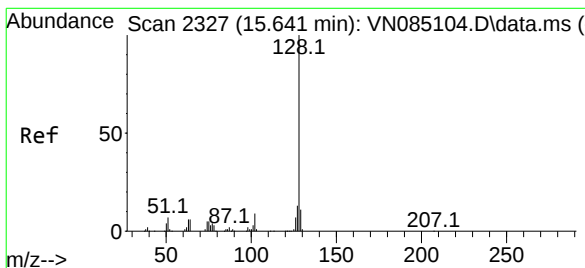
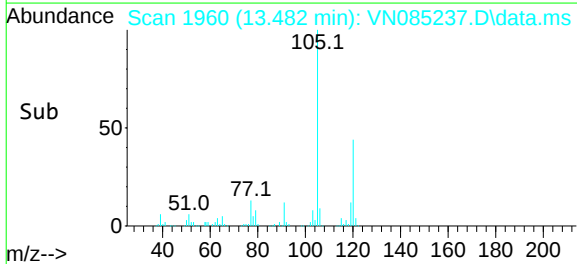
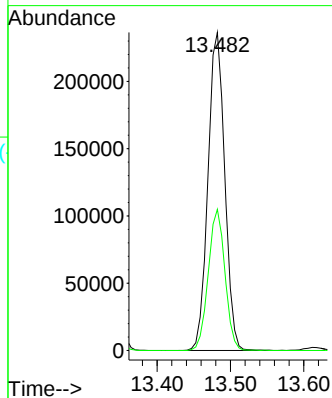
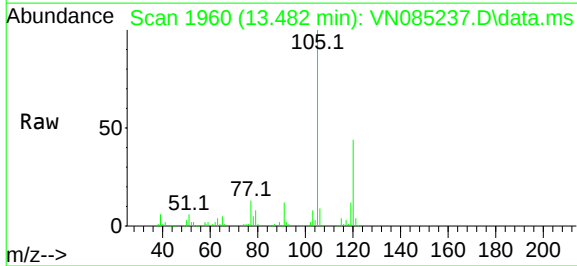
120 44.2 21.8 65.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#95

Naphthalene

Concen: 171.718 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN085237.D

Acq: 17 Dec 2024 20:22

Tgt Ion:128 Resp: 951472

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.9 8.6 12.8

