

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
 Data File : VN085234.D
 Acq On : 17 Dec 2024 19:10
 Operator : JC\MD
 Sample : P5291-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW3-20241213

Manual Integrations
 APPROVED

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

Quant Time: Dec 18 00:31:39 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	159032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105753	46.684	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.360%		
35) Dibromofluoromethane	8.165	113	85223	47.123	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.240%		
50) Toluene-d8	10.565	98	322471	49.754	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.500%		
62) 4-Bromofluorobenzene	12.847	95	126644	52.250	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.500%		
Target Compounds						
						Qvalue
16) Acetone	4.436	43	3959	6.001	ug/l	89
30) Chloroform	7.965	83	26863	7.368	ug/l	93
31) Cyclohexane	8.253	56	21547	7.141	ug/l #	87
39) Methylcyclohexane	9.600	83	23376	9.183	ug/l	98
52) Toluene	10.630	92	618303	134.805	ug/l	100
64) Tetrachloroethene	11.106	164	877	0.532	ug/l	94
67) Ethyl Benzene	11.965	91	5089929	565.477	ug/l	99
68) m/p-Xylenes	12.071	106	3333649	972.790	ug/l	99
69) o-Xylene	12.394	106	1688297	517.914	ug/l	98
73) Isopropylbenzene	12.694	105	220637	28.811	ug/l	100
78) n-propylbenzene	13.035	91	545842	61.796	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	788278	122.666	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	5137382	776.646	ug/l	99
86) p-Isopropyltoluene	13.729	119	14594m	2.367	ug/l	

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

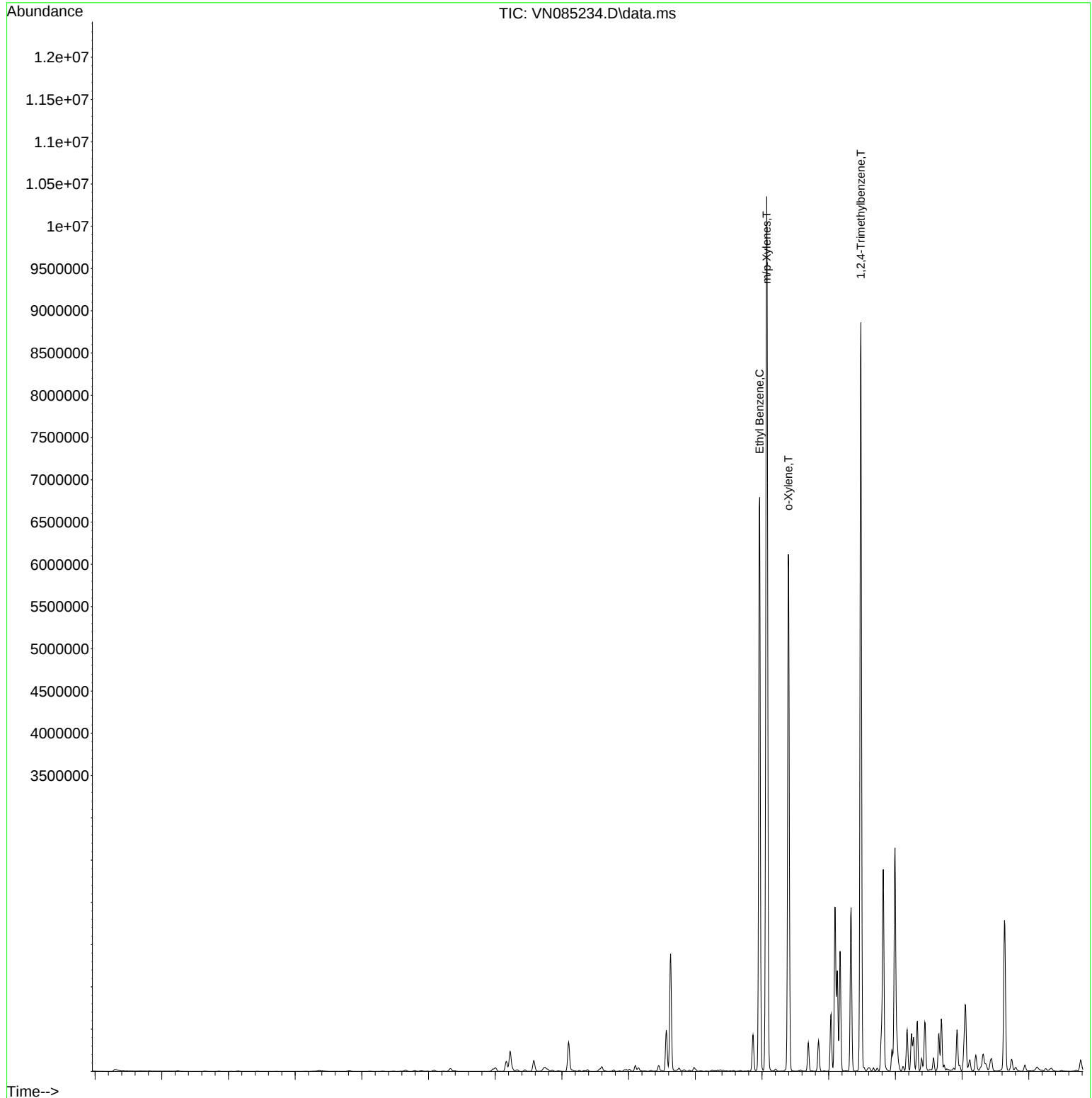
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
Data File : VN085234.D
Acq On : 17 Dec 2024 19:10
Operator : JC\MD
Sample : P5291-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

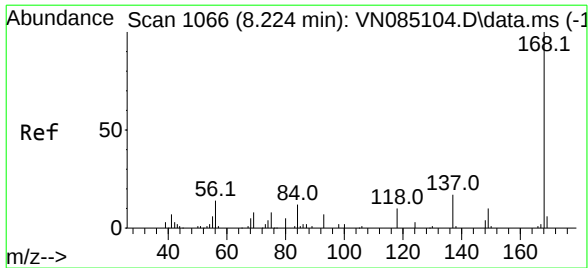
Instrument :
MSVOA_N
ClientSampleId :
MW3-20241213

Manual Integrations
APPROVED

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

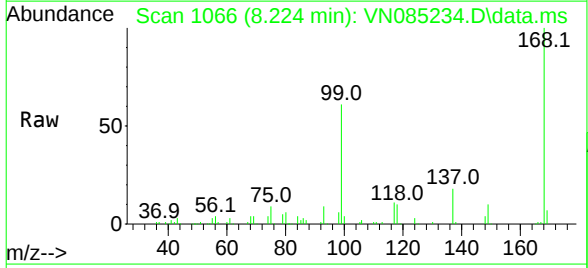
Quant Time: Dec 18 00:31:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

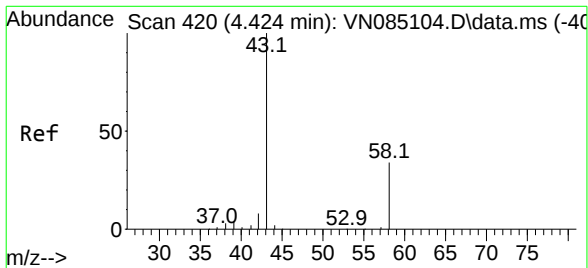
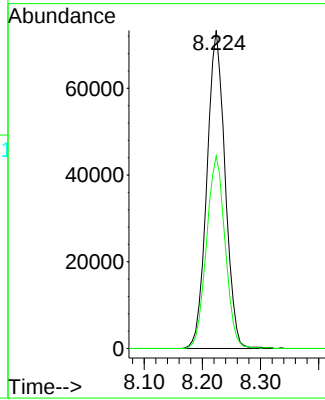
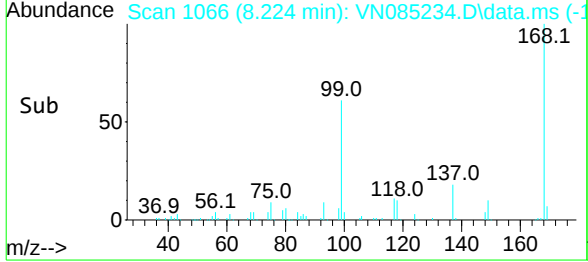
Instrument :
MSVOA_N
ClientSampleId :
MW3-20241213



Tgt Ion:168 Resp: 159032
Ion Ratio Lower Upper
168 100
99 60.5 51.2 76.8

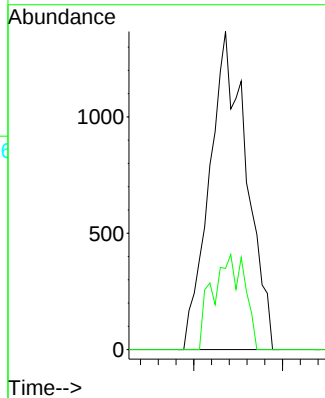
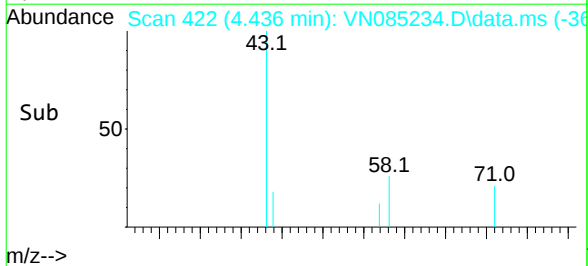
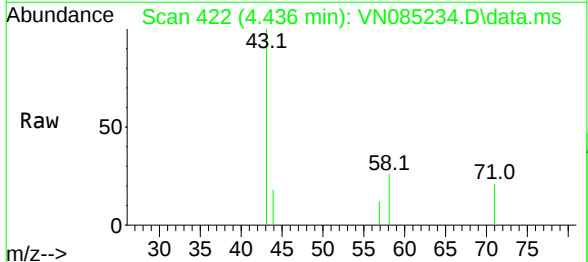
Manual Integrations
APPROVED

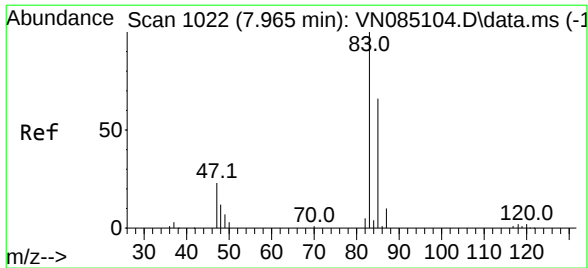
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#16
Acetone
Concen: 6.001 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

Tgt Ion: 43 Resp: 3959
Ion Ratio Lower Upper
43 100
58 25.5 25.4 38.2





#30

Chloroform

Concen: 7.368 ug/l

RT: 7.965 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN085234.D

Acq: 17 Dec 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

MW3-20241213

Tgt Ion: 83 Resp: 26863

Ion Ratio Lower Upper

83 100

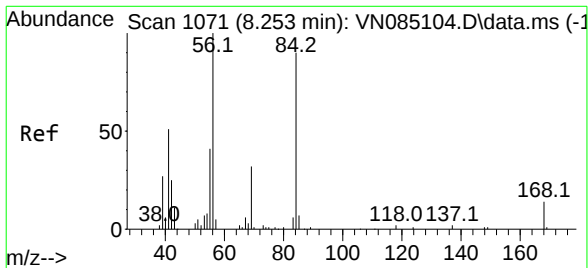
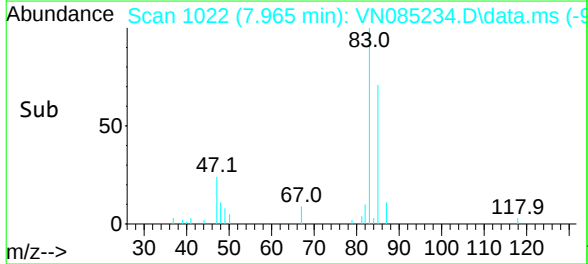
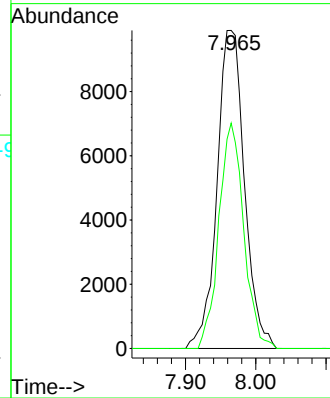
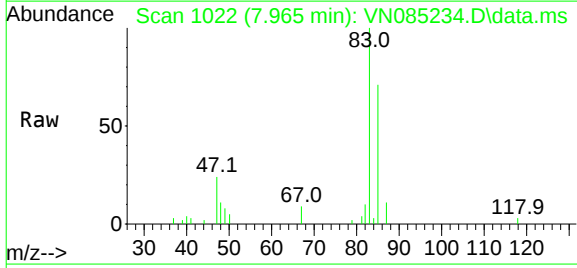
85 70.9 52.6 78.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#31

Cyclohexane

Concen: 7.141 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN085234.D

Acq: 17 Dec 2024 19:10

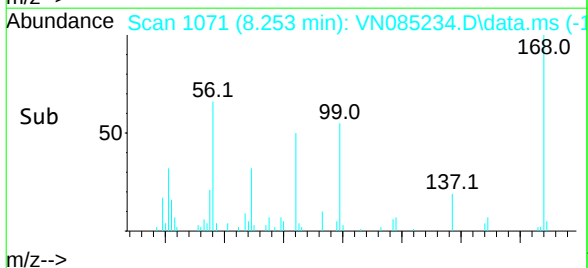
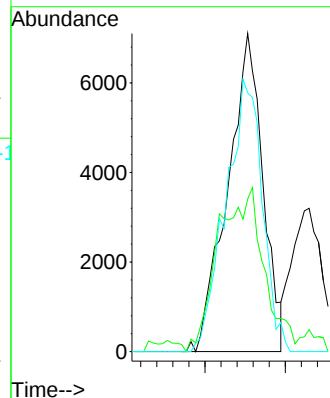
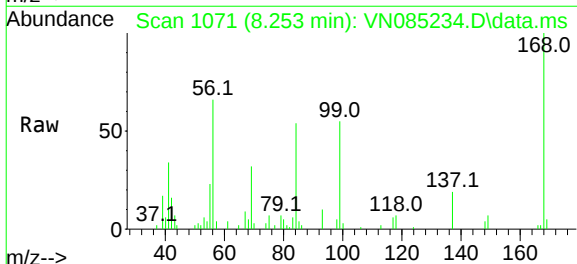
Tgt Ion: 56 Resp: 21547

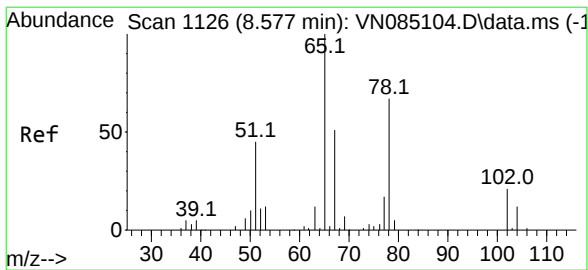
Ion Ratio Lower Upper

56 100

69 45.7 24.6 36.8#

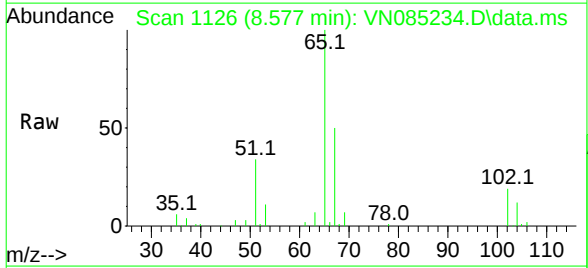
84 81.3 71.4 107.2





#33
 1,2-Dichloroethane-d4
 Concen: 46.684 ug/l
 RT: 8.577 min Scan# 1116
 Delta R.T. 0.006 min
 Lab File: VN085234.D
 Acq: 17 Dec 2024 19:10

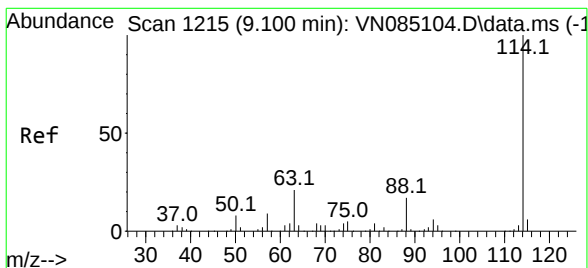
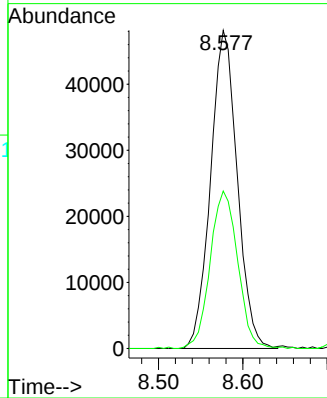
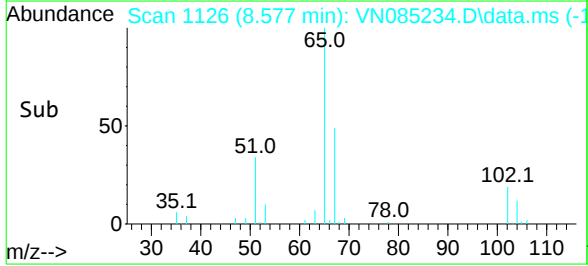
Instrument :
 MSVOA_N
 ClientSampleId :
 MW3-20241213



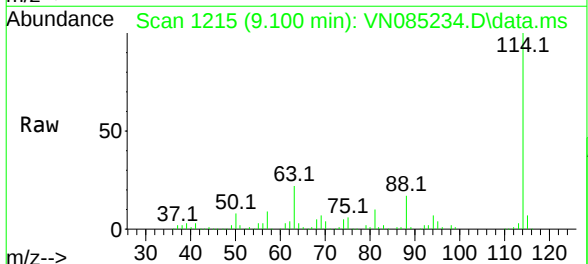
Tgt Ion: 65 Resp: 105753
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 105.0

Manual Integrations
 APPROVED

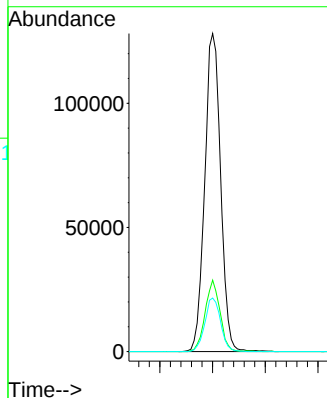
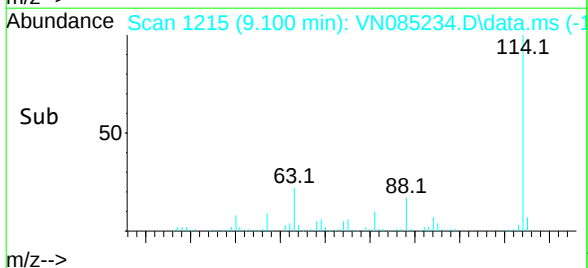
Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

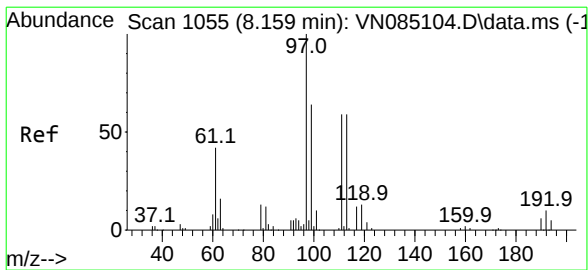


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085234.D
 Acq: 17 Dec 2024 19:10



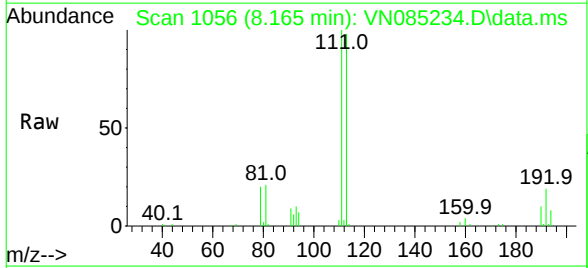
Tgt Ion:114 Resp: 268182
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 41.0
 88 16.8 0.0 34.8





#35
 Dibromofluoromethane
 Concen: 47.123 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085234.D
 Acq: 17 Dec 2024 19:10

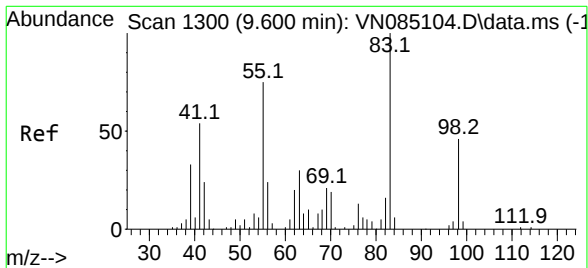
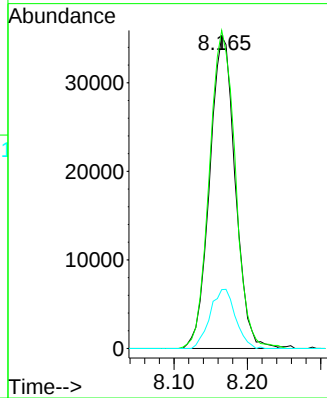
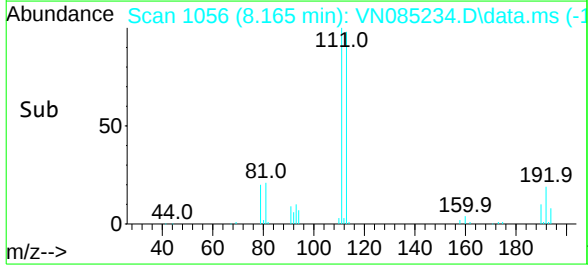
Instrument :
 MSVOA_N
 ClientSampleId :
 MW3-20241213



Tgt Ion:	113	Resp:	85223
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.0	123.0
192	18.8	14.8	22.2

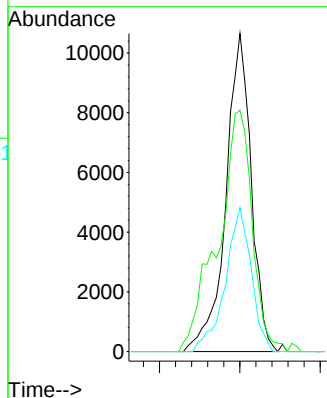
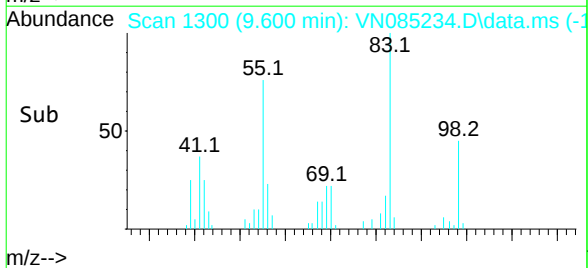
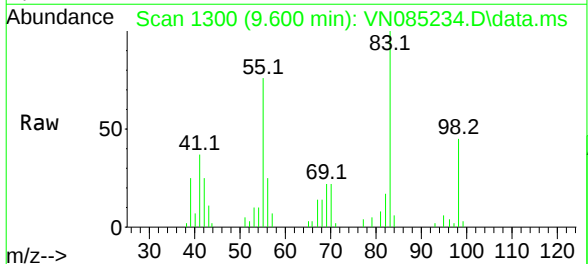
Manual Integrations
 APPROVED

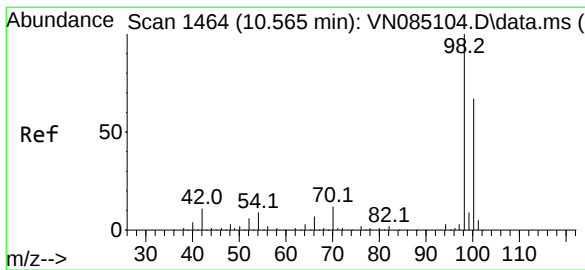
Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024



#39
 Methylcyclohexane
 Concen: 9.183 ug/l
 RT: 9.600 min Scan# 1300
 Delta R.T. 0.006 min
 Lab File: VN085234.D
 Acq: 17 Dec 2024 19:10

Tgt Ion:	83	Resp:	23376
Ion	Ratio	Lower	Upper
83	100		
55	75.8	61.8	92.6
98	45.3	37.0	55.6





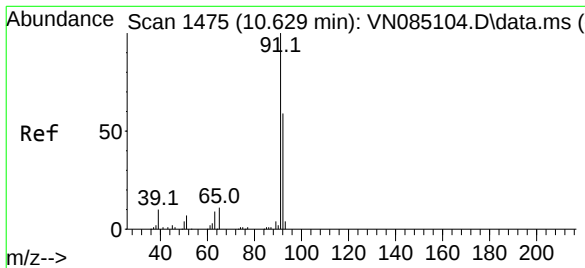
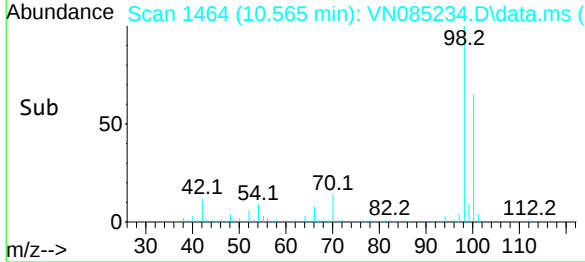
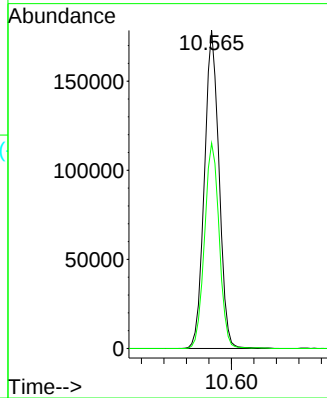
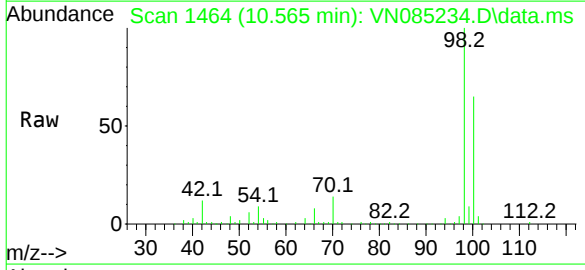
#50
Toluene-d8
Concen: 49.754 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

Instrument :
MSVOA_N
ClientSampleId :
MW3-20241213

Tgt Ion: 98 Resp: 322471
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7

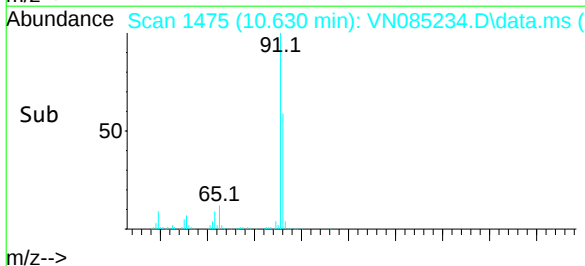
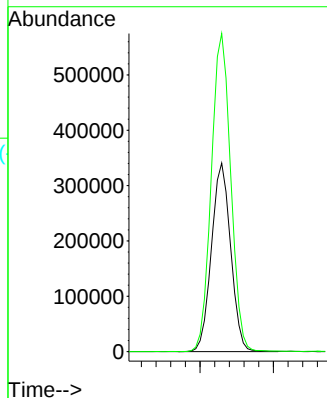
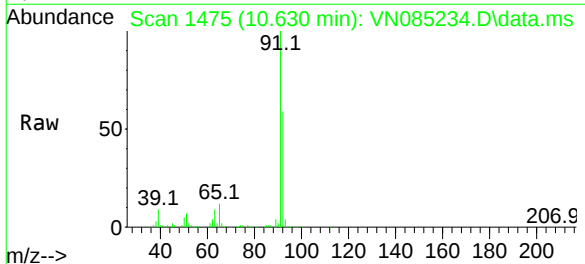
Manual Integrations
APPROVED

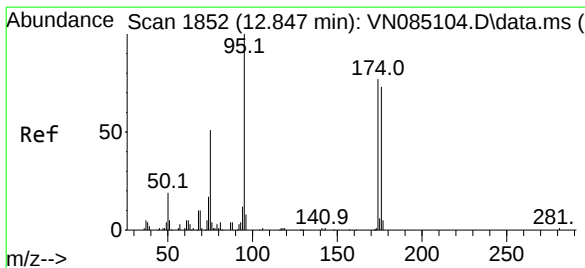
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#52
Toluene
Concen: 134.805 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

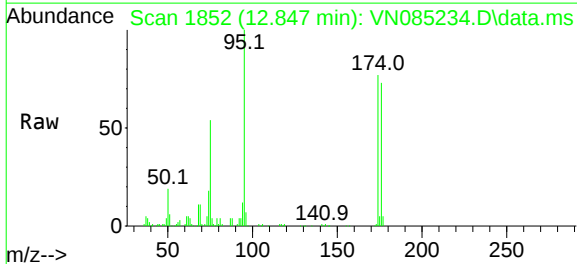
Tgt Ion: 92 Resp: 618303
Ion Ratio Lower Upper
92 100
91 171.1 136.7 205.1





#62
4-Bromofluorobenzene
Concen: 52.250 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

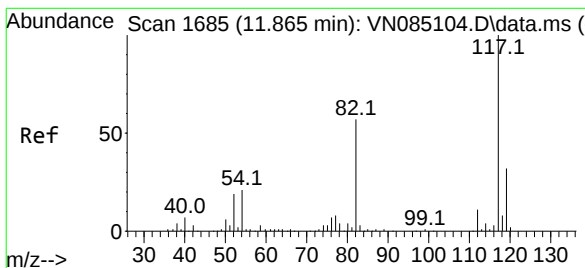
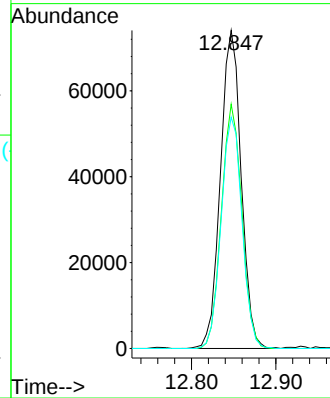
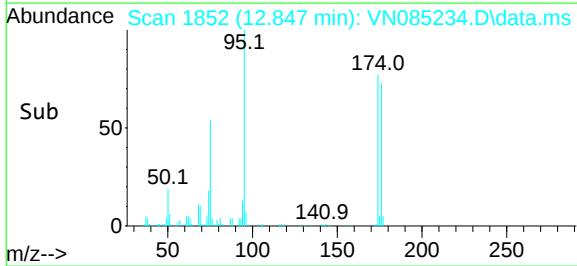
Instrument :
MSVOA_N
ClientSampleId :
MW3-20241213



Tgt Ion: 95 Resp: 126644
Ion Ratio Lower Upper
95 100
174 75.6 0.0 146.6
176 72.9 0.0 141.8

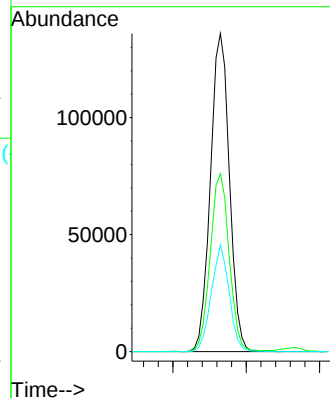
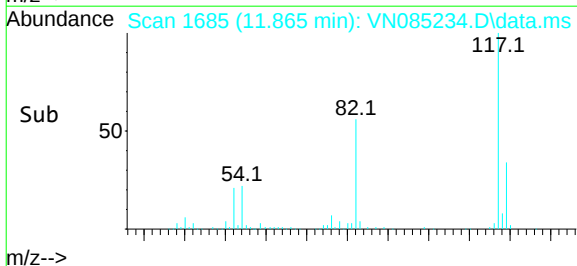
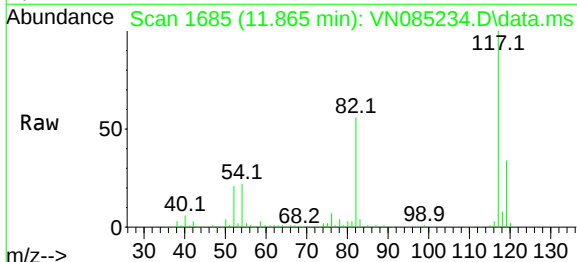
Manual Integrations
APPROVED

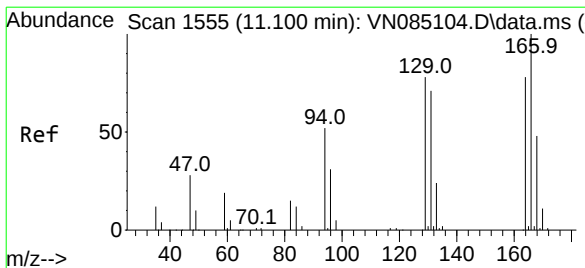
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

Tgt Ion:117 Resp: 244638
Ion Ratio Lower Upper
117 100
82 56.0 46.0 69.0
119 33.6 25.6 38.4





#64

Tetrachloroethene

Concen: 0.532 ug/l

RT: 11.106 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VN085234.D

Acq: 17 Dec 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

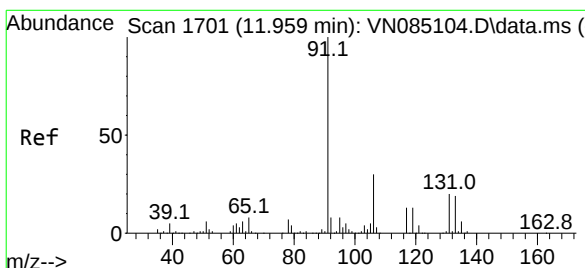
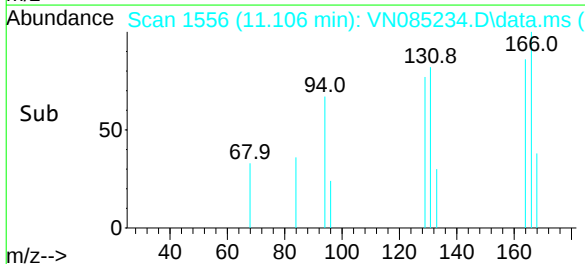
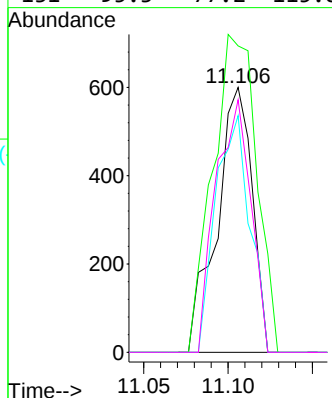
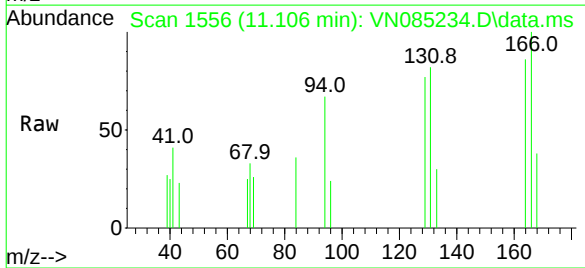
MW3-20241213

Tgt Ion:	164	Resp:	877
Ion	Ratio	Lower	Upper
164	100		
166	115.7	100.6	151.0
129	89.3	77.7	116.5
131	95.3	77.2	115.8

Manual Integrations

APPROVED

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



#67

Ethyl Benzene

Concen: 565.477 ug/l

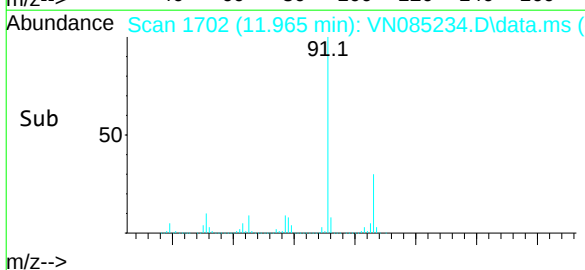
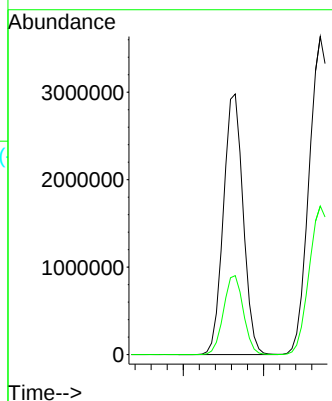
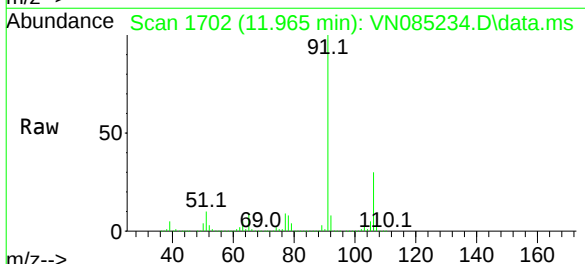
RT: 11.965 min Scan# 1702

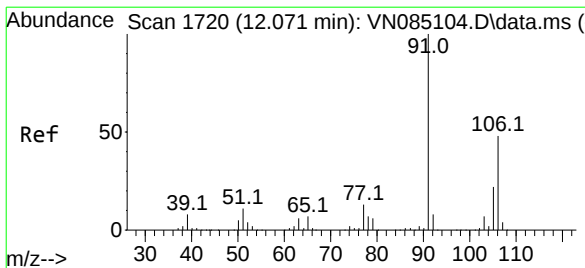
Delta R.T. 0.006 min

Lab File: VN085234.D

Acq: 17 Dec 2024 19:10

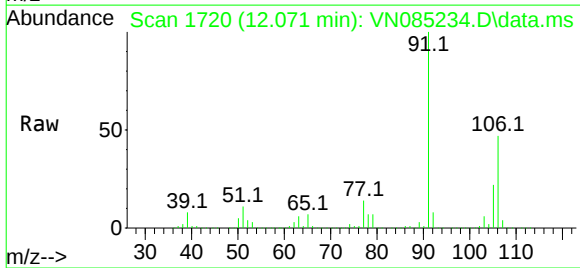
Tgt Ion:	91	Resp:	5089929
Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.7	37.1





#68
m/p-Xylenes
Concen: 972.790 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

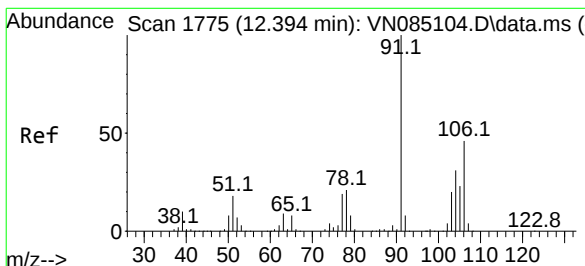
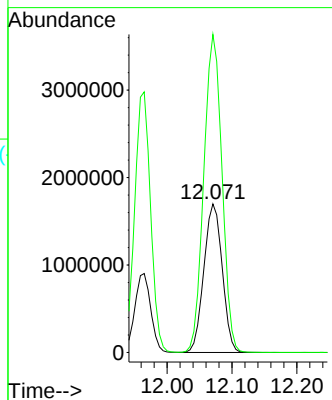
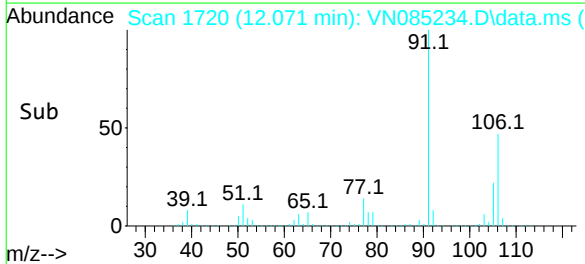
Instrument :
MSVOA_N
ClientSampleId :
MW3-20241213



Tgt Ion:106 Resp: 3333649
Ion Ratio Lower Upper
106 100
91 212.3 168.0 252.0

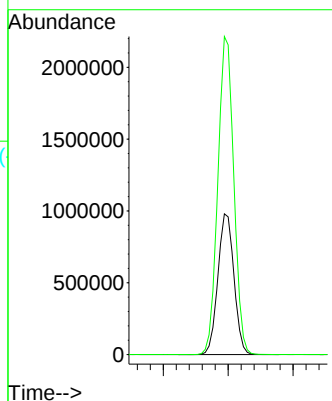
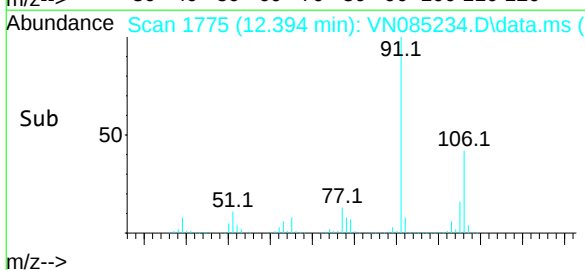
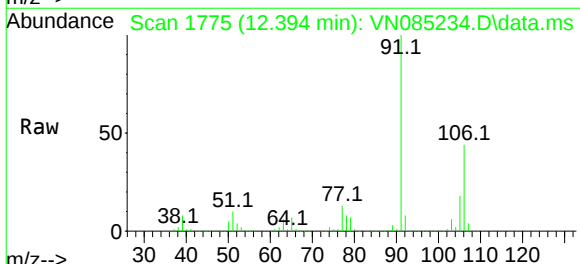
Manual Integrations
APPROVED

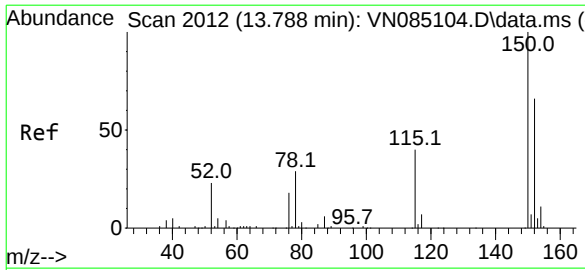
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#69
o-Xylene
Concen: 517.914 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

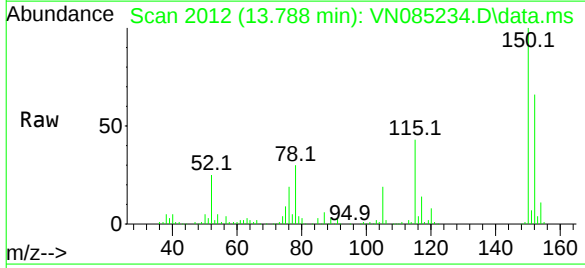
Tgt Ion:106 Resp: 1688297
Ion Ratio Lower Upper
106 100
91 224.2 110.7 331.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

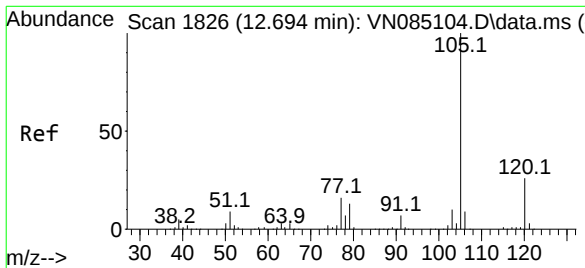
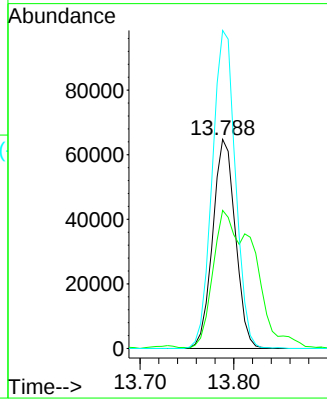
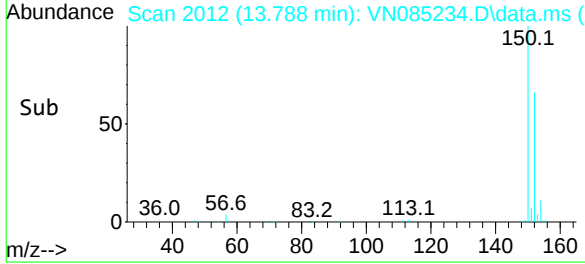
Instrument :
MSVOA_N
ClientSampleId :
MW3-20241213



Tgt Ion:152 Resp: 108555
Ion Ratio Lower Upper
152 100
115 71.0 31.7 95.1
150 156.0 0.0 351.4

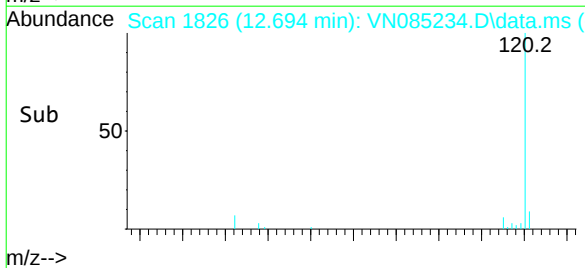
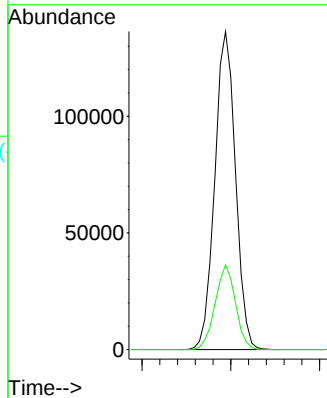
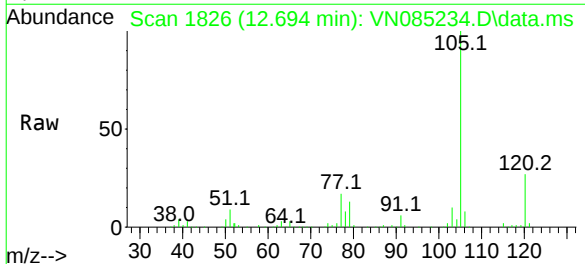
Manual Integrations
APPROVED

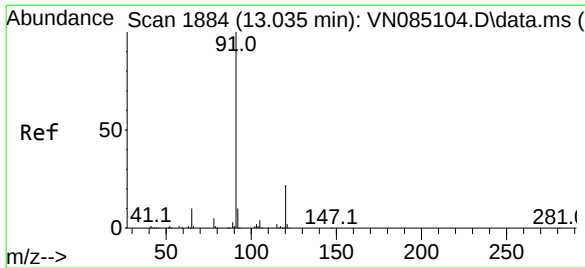
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#73
Isopropylbenzene
Concen: 28.811 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

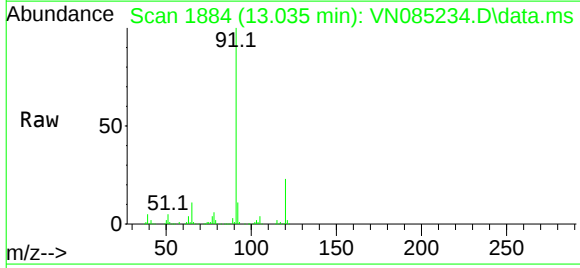
Tgt Ion:105 Resp: 220637
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0





#78
n-propylbenzene
Concen: 61.796 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

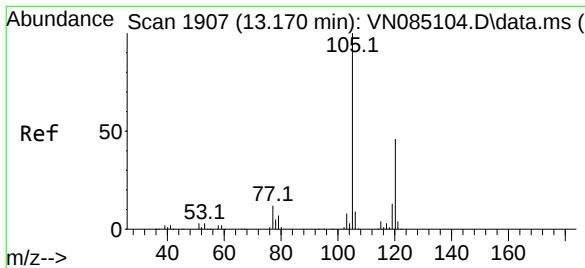
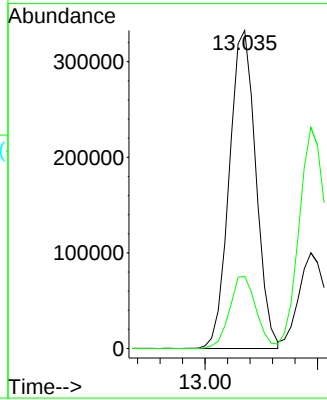
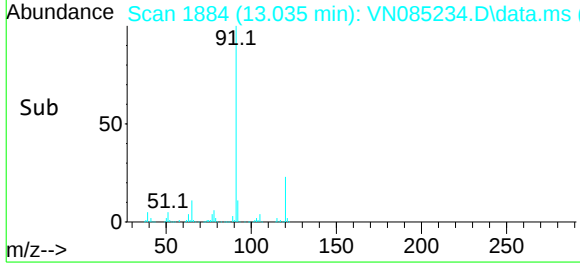
Instrument :
MSVOA_N
ClientSampleId :
MW3-20241213



Tgt Ion: 91 Resp: 545842
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.9

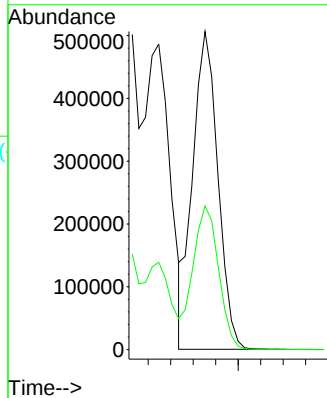
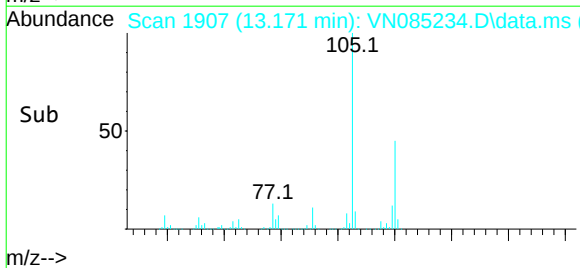
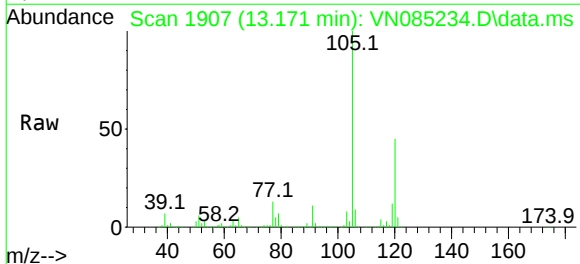
Manual Integrations
APPROVED

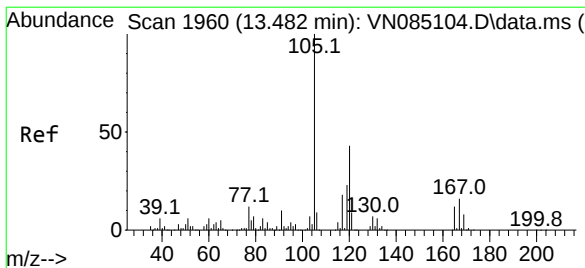
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#80
1,3,5-Trimethylbenzene
Concen: 122.666 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

Tgt Ion:105 Resp: 788278
Ion Ratio Lower Upper
105 100
120 46.1 23.6 71.0





#84

1,2,4-Trimethylbenzene

Concen: 776.646 ug/l

RT: 13.482 min Scan# 19

Delta R.T. 0.006 min

Lab File: VN085234.D

Acq: 17 Dec 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

MW3-20241213

Tgt Ion:105 Resp: 5137382

Ion Ratio Lower Upper

105 100

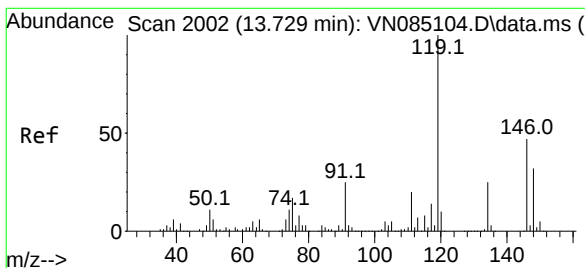
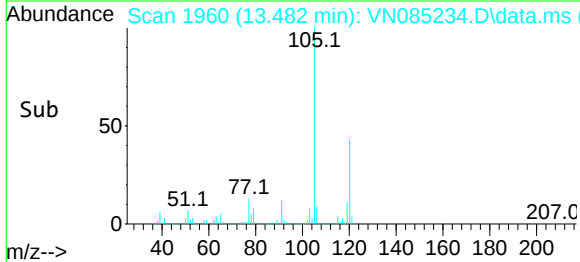
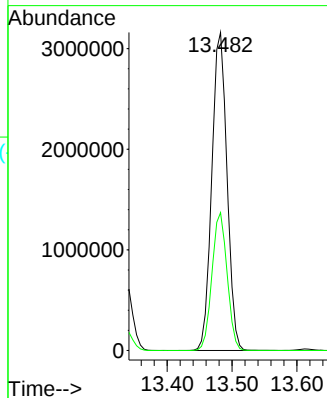
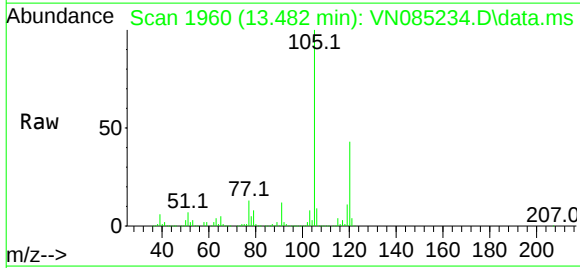
120 43.2 21.8 65.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#86

p-Isopropyltoluene

Concen: 2.367 ug/l m

RT: 13.729 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN085234.D

Acq: 17 Dec 2024 19:10

Tgt Ion:119 Resp: 14594

Ion Ratio Lower Upper

119 100

134 38.7 13.0 39.0

91 0.0 12.8 38.4#

