

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
 Data File : VN085224.D
 Acq On : 17 Dec 2024 15:08
 Operator : JC\MD
 Sample : P5270-07DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW12-20241212DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 18 00:26:28 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	126679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	217883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	207659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	95604	52.982	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.960%			
35) Dibromofluoromethane	8.165	113	75552	51.419	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.840%			
50) Toluene-d8	10.565	98	272621	51.773	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.540%			
62) 4-Bromofluorobenzene	12.847	95	107011	54.342	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.680%			
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.600	83	13149	6.358	ug/l #	86
40) Benzene	8.606	78	7790	1.238	ug/l #	84
52) Toluene	10.629	92	2374	0.637	ug/l	83
67) Ethyl Benzene	11.965	91	579615	75.861	ug/l	98
68) m/p-Xylenes	12.076	106	12275	4.220	ug/l	96
69) o-Xylene	12.394	106	10116	3.656	ug/l	99
73) Isopropylbenzene	12.694	105	147372	20.947	ug/l	99
78) n-propylbenzene	13.035	91	197124	24.292	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	53496	9.062	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	527246	86.762	ug/l	99
86) p-Isopropyltoluene	13.729	119	12521m	2.210	ug/l	

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

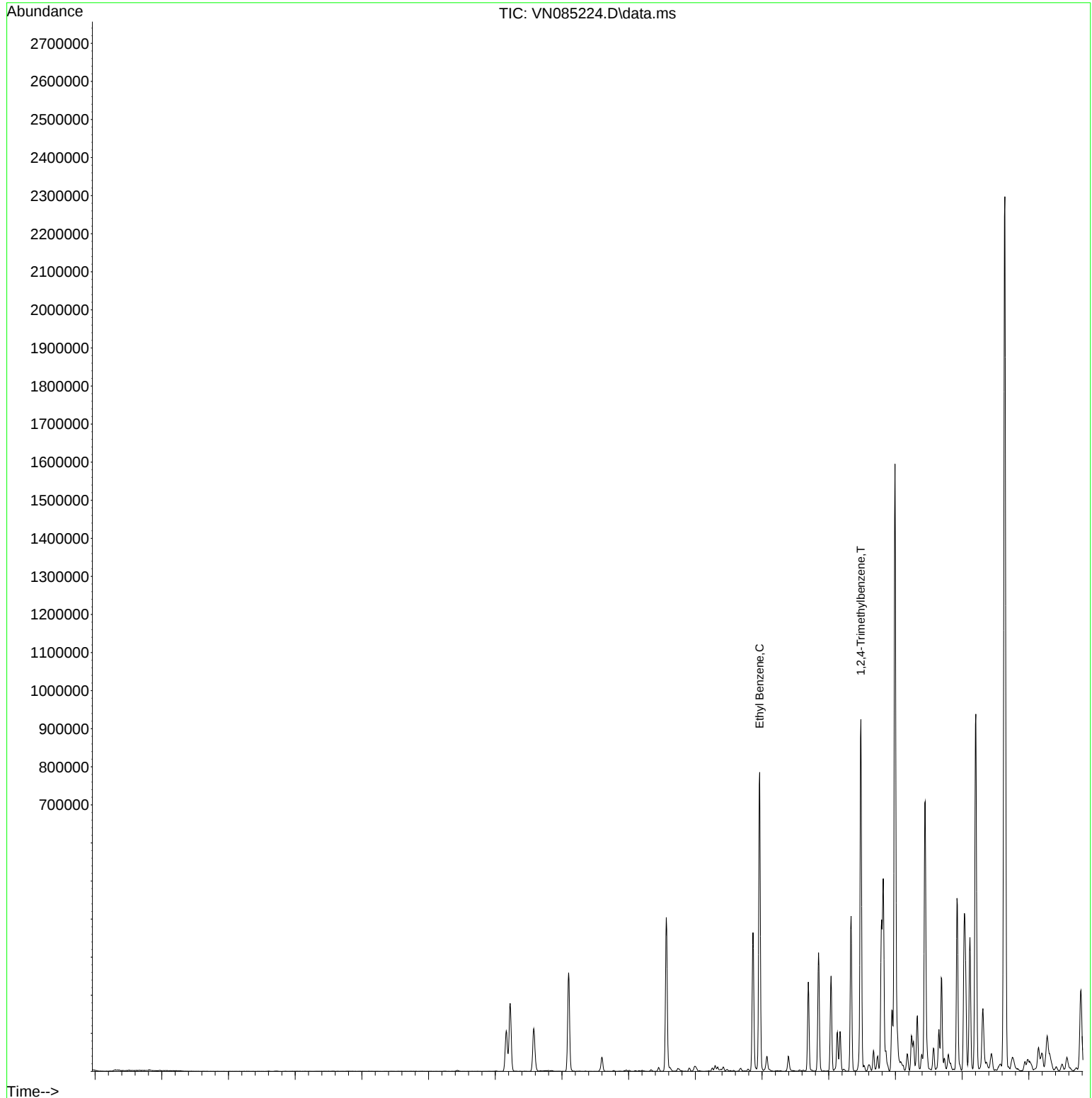
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
Data File : VN085224.D
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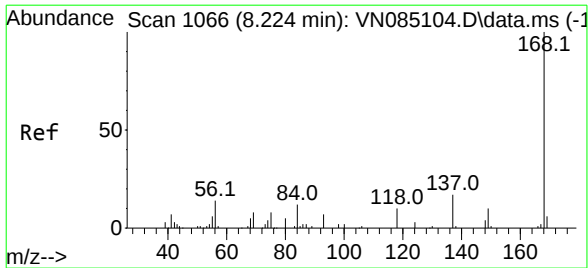
Instrument :
MSVOA_N
ClientSampleId :
MW12-20241212DL

Quant Time: Dec 18 00:26:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
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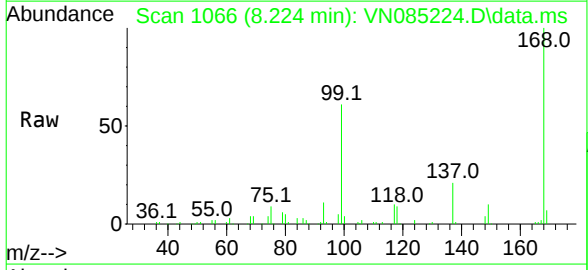
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085224.D
Acq: 17 Dec 2024 15:08

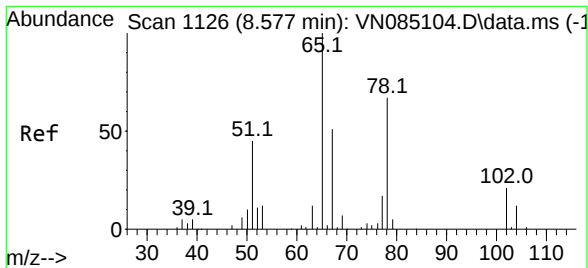
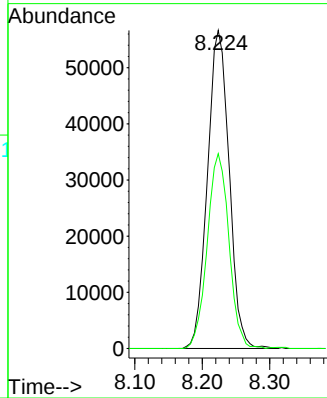
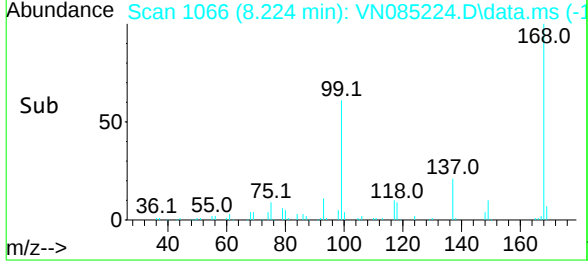
Instrument :
MSVOA_N
ClientSampleId :
MW12-20241212DL



Tgt Ion: 168 Resp: 126679
Ion Ratio Lower Upper
168 100
99 61.2 51.2 76.8

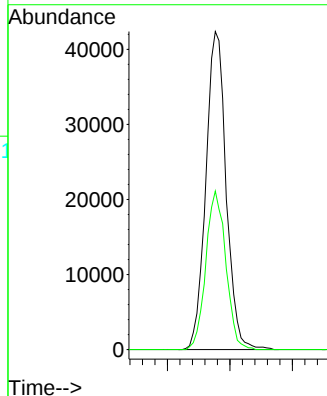
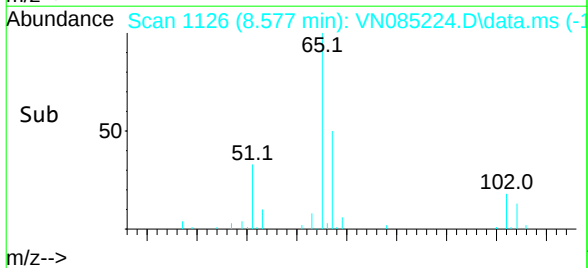
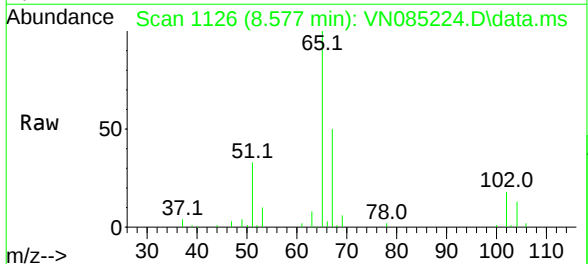
Manual Integrations
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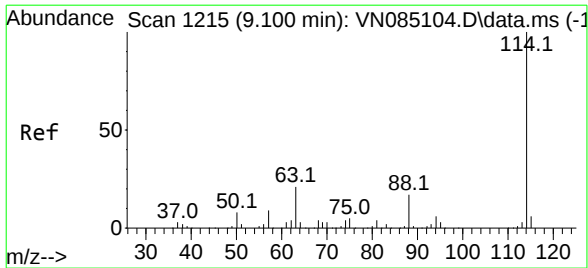
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#33
1,2-Dichloroethane-d4
Concen: 52.982 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085224.D
Acq: 17 Dec 2024 15:08

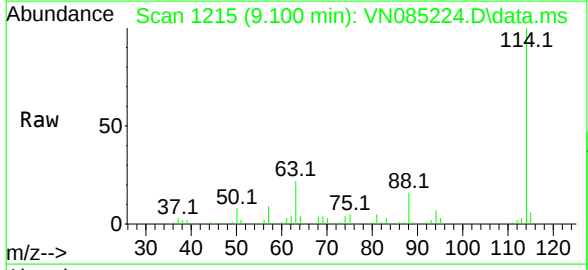
Tgt Ion: 65 Resp: 95604
Ion Ratio Lower Upper
65 100
67 49.0 0.0 105.0





#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085224.D
 Acq: 17 Dec 2024 15:08

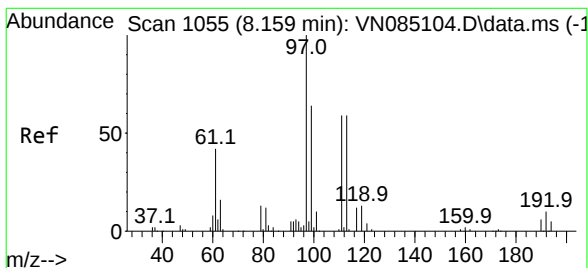
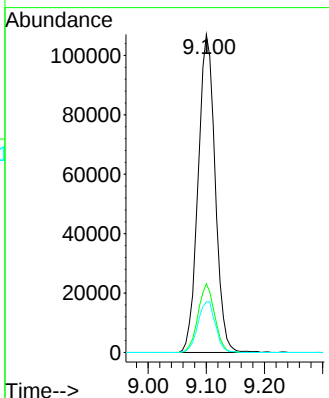
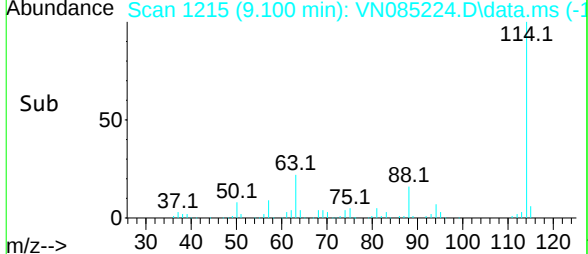
Instrument :
 MSVOA_N
 ClientSampleId :
 MW12-20241212DL



Tgt Ion:	114	Resp:	217883
Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	41.0
88	15.9	0.0	34.8

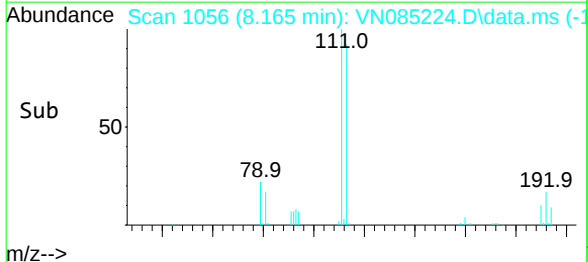
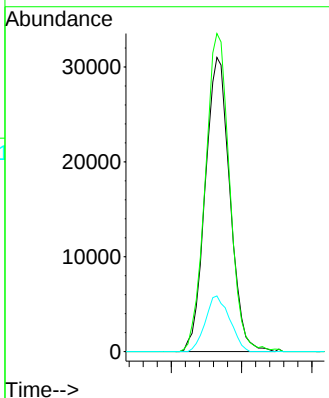
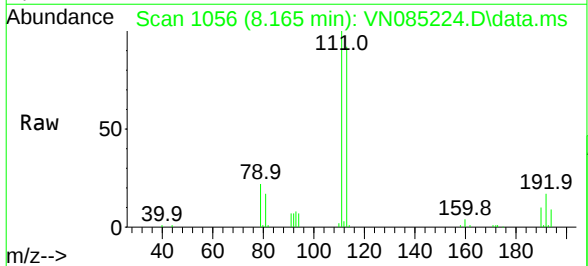
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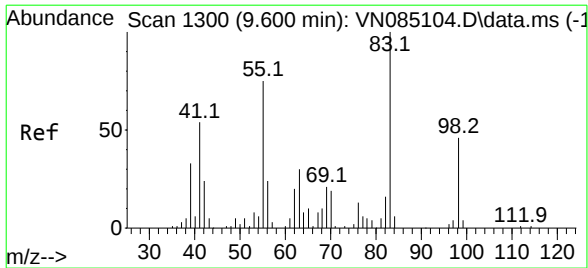
Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024



#35
 Dibromofluoromethane
 Concen: 51.419 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085224.D
 Acq: 17 Dec 2024 15:08

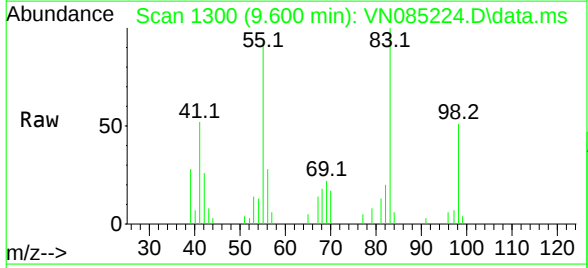
Tgt Ion:	113	Resp:	75552
Ion	Ratio	Lower	Upper
113	100		
111	106.7	82.0	123.0
192	18.6	14.8	22.2





#39
Methylcyclohexane
Concen: 6.358 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VN085224.D
Acq: 17 Dec 2024 15:08

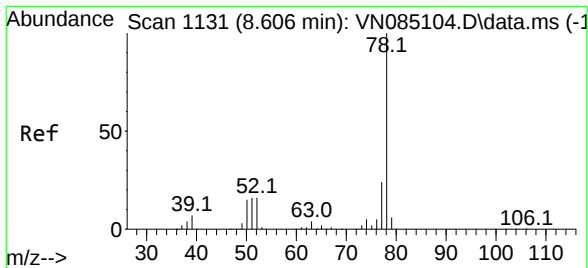
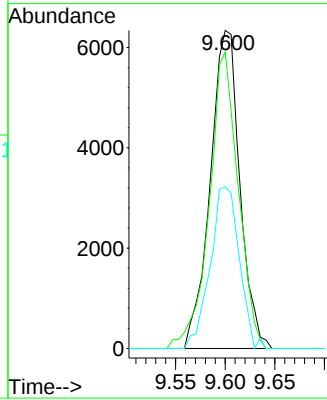
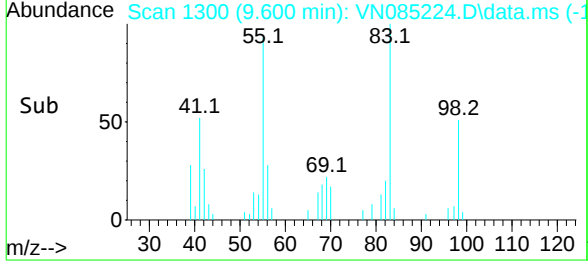
Instrument :
MSVOA_N
ClientSampleId :
MW12-20241212DL



Tgt Ion: 83 Resp: 13149
Ion Ratio Lower Upper
83 100
55 93.2 61.8 92.6#
98 50.8 37.0 55.6

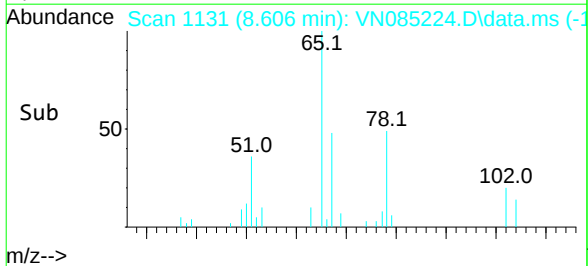
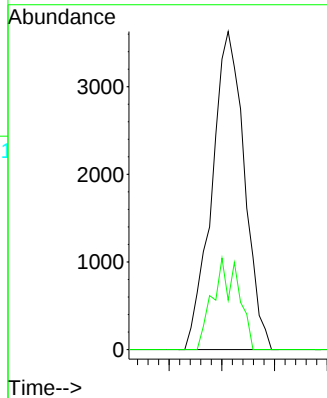
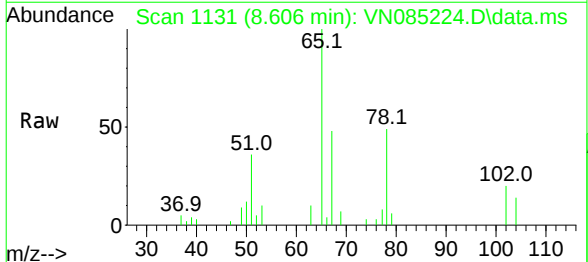
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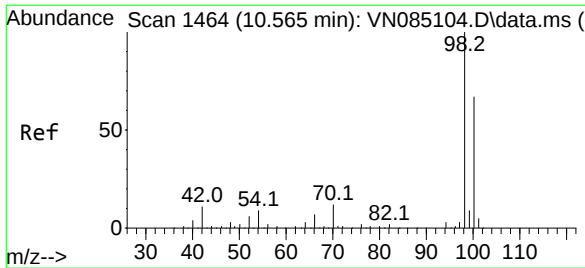
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#40
Benzene
Concen: 1.238 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085224.D
Acq: 17 Dec 2024 15:08

Tgt Ion: 78 Resp: 7790
Ion Ratio Lower Upper
78 100
77 15.5 18.5 27.7#





#50

Toluene-d8

Concen: 51.773 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085224.D

Acq: 17 Dec 2024 15:08

Instrument :

MSVOA_N

ClientSampleId :

MW12-20241212DL

Tgt Ion: 98 Resp: 272621

Ion Ratio Lower Upper

98 100

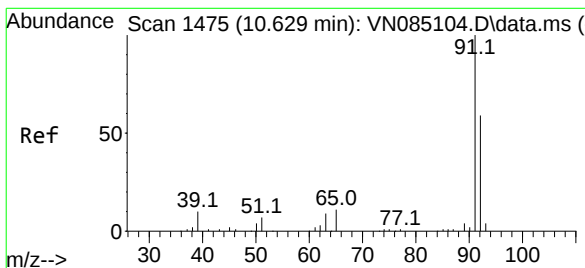
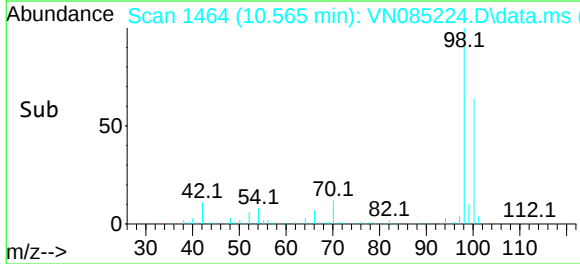
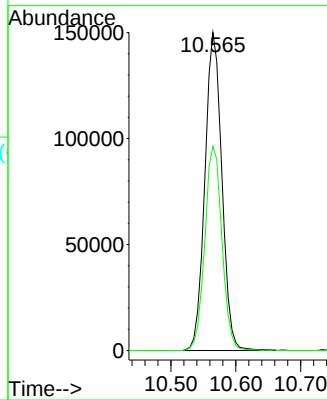
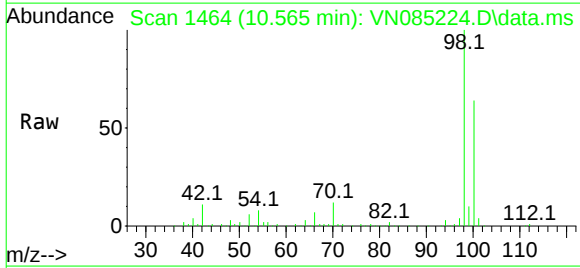
100 64.9 52.5 78.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#52

Toluene

Concen: 0.637 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VN085224.D

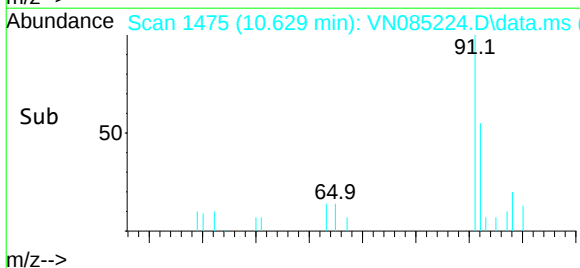
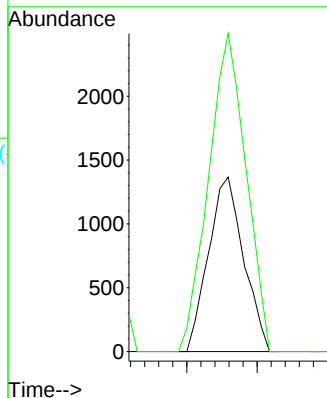
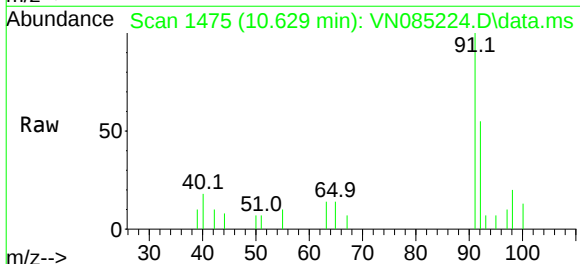
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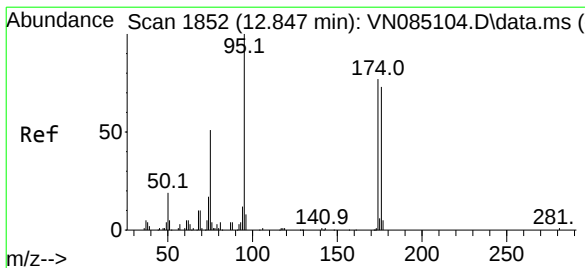
Tgt Ion: 92 Resp: 2374

Ion Ratio Lower Upper

92 100

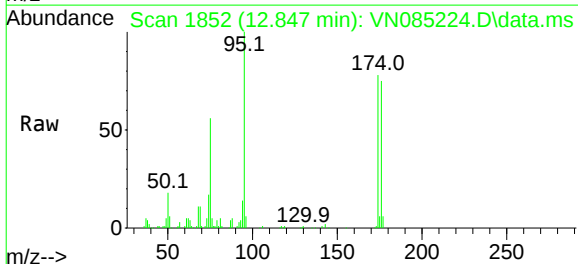
91 194.2 136.7 205.1





#62
4-Bromofluorobenzene
Concen: 54.342 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085224.D
Acq: 17 Dec 2024 15:08

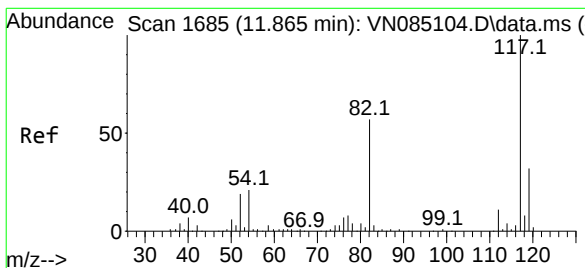
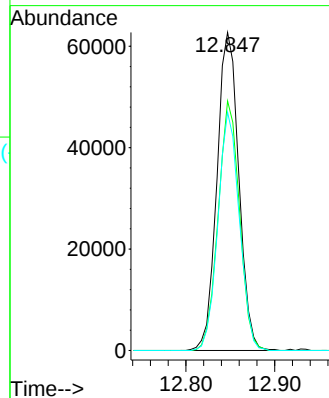
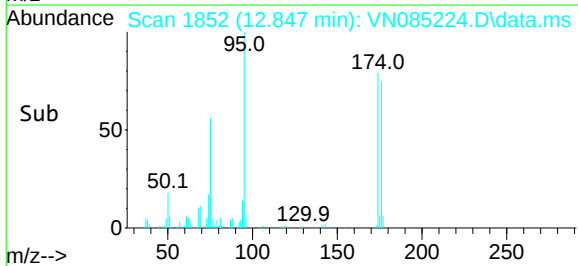
Instrument :
MSVOA_N
ClientSampleId :
MW12-20241212DL



Tgt Ion: 95 Resp: 107011
Ion Ratio Lower Upper
95 100
174 76.6 0.0 146.6
176 73.5 0.0 141.8

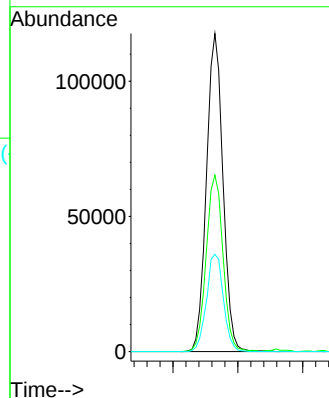
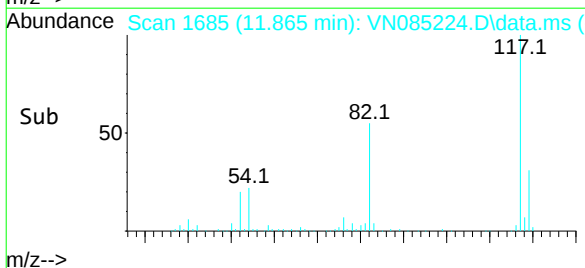
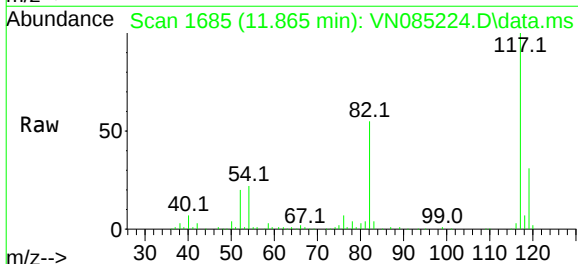
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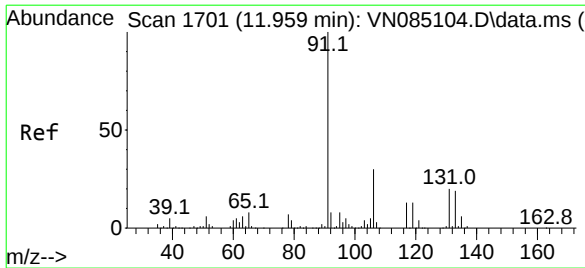
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085224.D
Acq: 17 Dec 2024 15:08

Tgt Ion:117 Resp: 207659
Ion Ratio Lower Upper
117 100
82 55.5 46.0 69.0
119 30.6 25.6 38.4





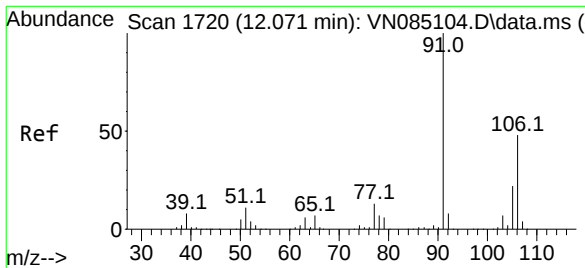
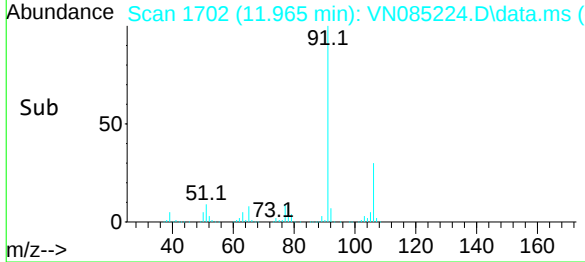
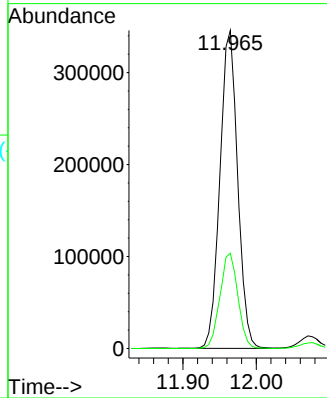
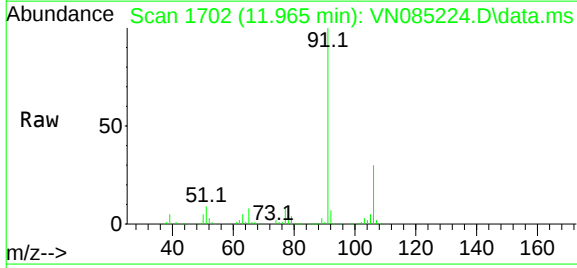
#67
Ethyl Benzene
Concen: 75.861 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN085224.D
Acq: 17 Dec 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :
MW12-20241212DL

Tgt Ion: 91 Resp: 579615
Ion Ratio Lower Upper
91 100
106 30.0 24.7 37.1

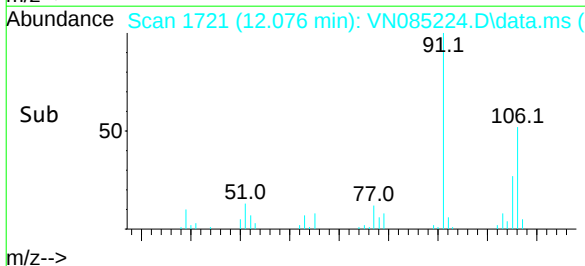
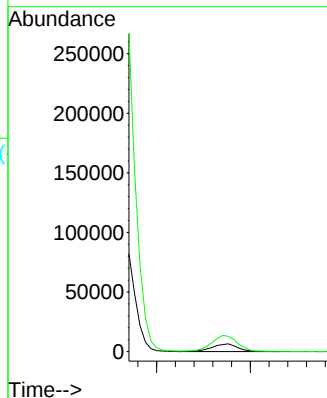
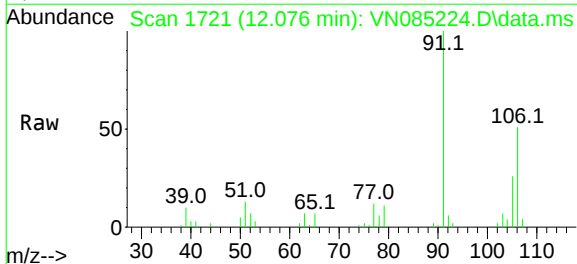
Manual Integrations
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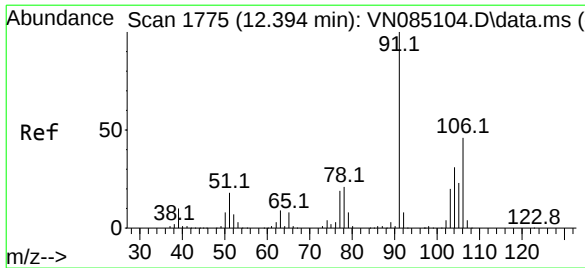
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#68
m/p-Xylenes
Concen: 4.220 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN085224.D
Acq: 17 Dec 2024 15:08

Tgt Ion:106 Resp: 12275
Ion Ratio Lower Upper
106 100
91 216.9 168.0 252.0





#69

o-Xylene

Concen: 3.656 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN085224.D

Acq: 17 Dec 2024 15:08

Instrument :

MSVOA_N

ClientSampleId :

MW12-20241212DL

Tgt Ion:106 Resp: 10116

Ion Ratio Lower Upper

106 100

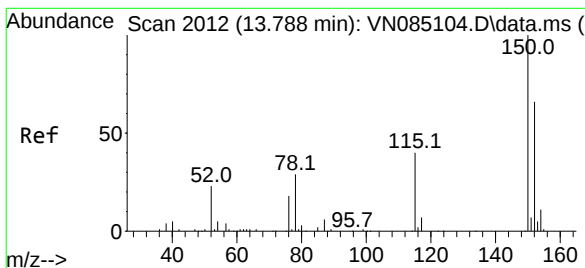
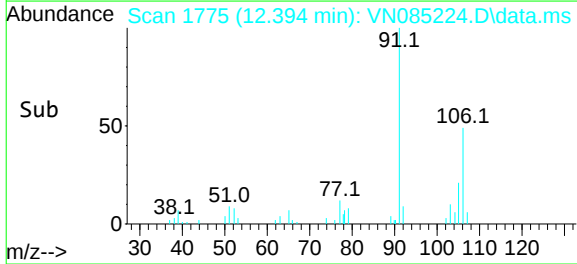
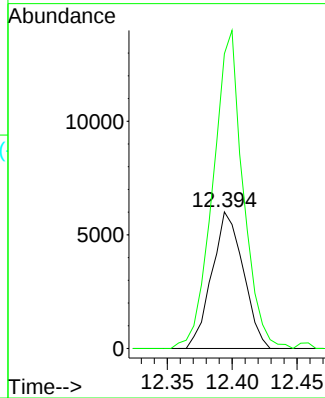
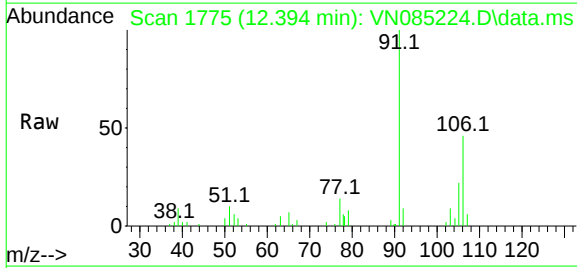
91 223.5 110.7 331.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN085224.D

Acq: 17 Dec 2024 15:08

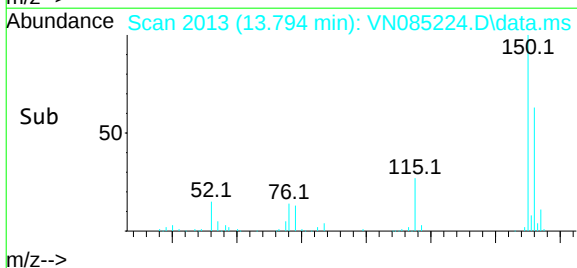
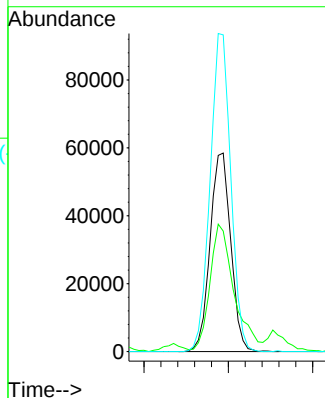
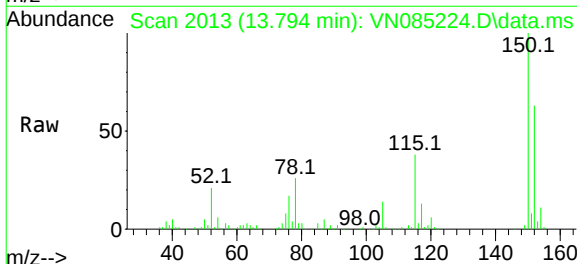
Tgt Ion:152 Resp: 99728

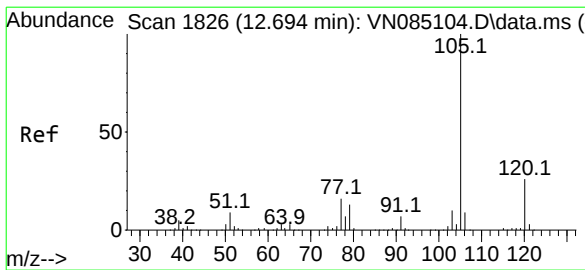
Ion Ratio Lower Upper

152 100

115 72.6 31.7 95.1

150 160.1 0.0 351.4





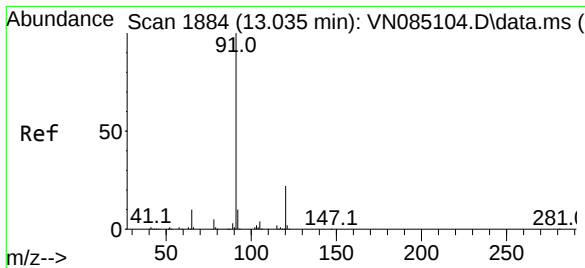
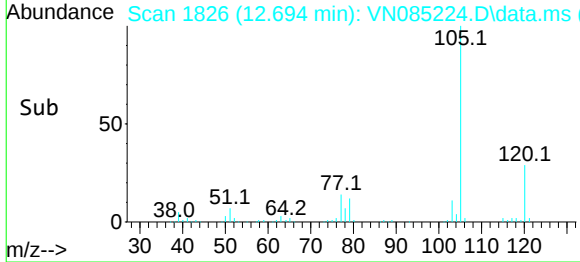
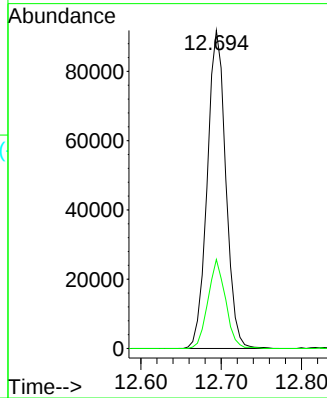
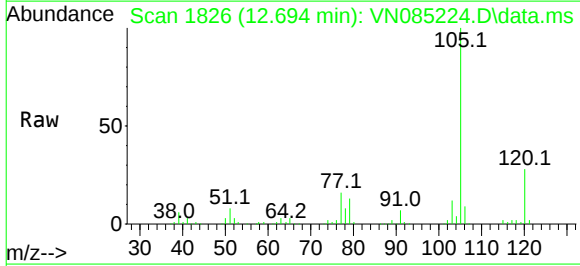
#73
Isopropylbenzene
Concen: 20.947 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085224.D
Acq: 17 Dec 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :
MW12-20241212DL

Tgt Ion: 105 Resp: 147372
Ion Ratio Lower Upper
105 100
120 26.5 13.0 39.0

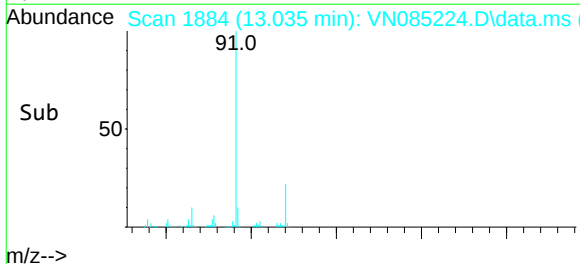
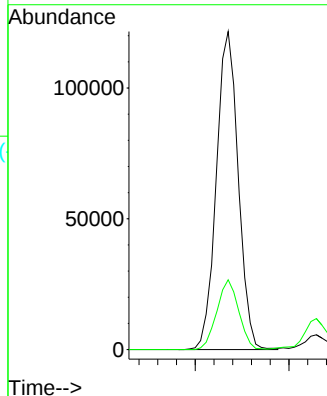
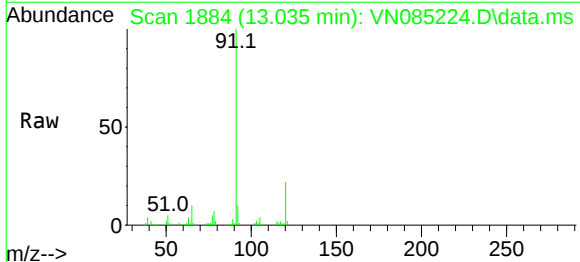
Manual Integrations
APPROVED

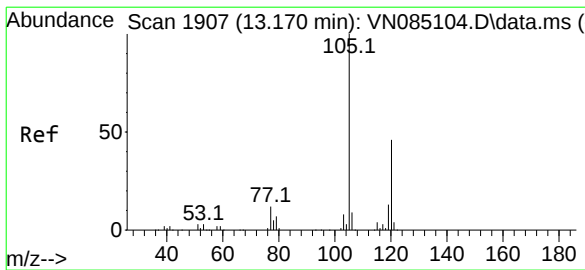
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#78
n-propylbenzene
Concen: 24.292 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085224.D
Acq: 17 Dec 2024 15:08

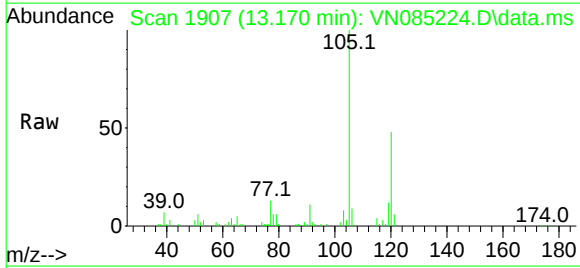
Tgt Ion: 91 Resp: 197124
Ion Ratio Lower Upper
91 100
120 21.9 11.3 33.9





#80
1,3,5-Trimethylbenzene
Concen: 9.062 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085224.D
Acq: 17 Dec 2024 15:08

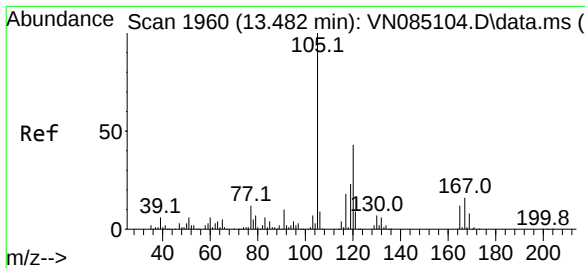
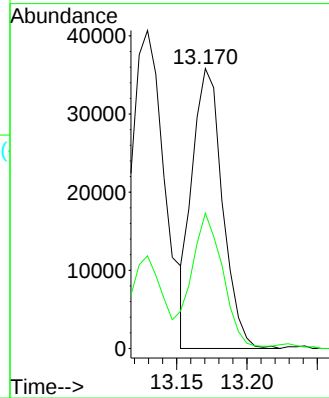
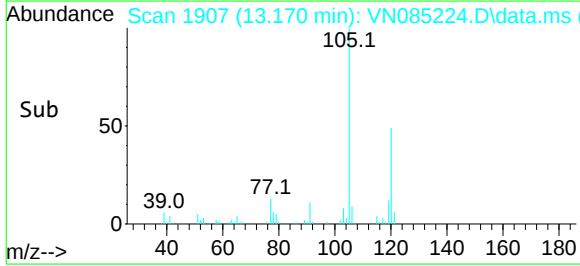
Instrument :
MSVOA_N
ClientSampleId :
MW12-20241212DL



Tgt Ion:105 Resp: 53496
Ion Ratio Lower Upper
105 100
120 49.3 23.6 71.0

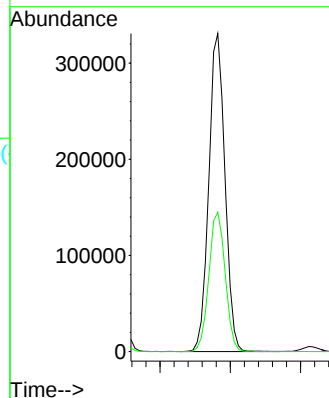
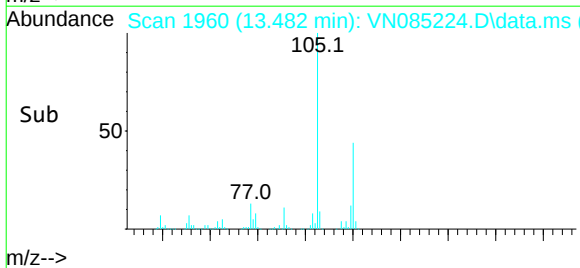
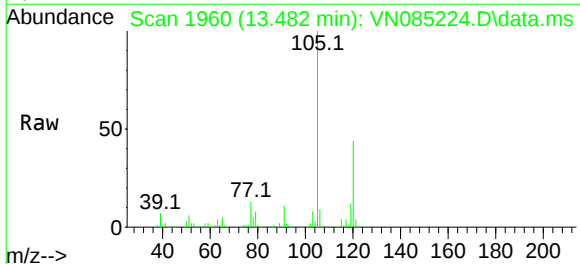
Manual Integrations
APPROVED

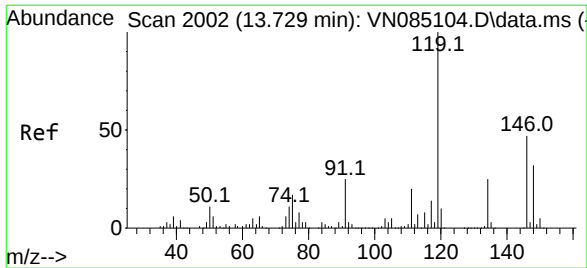
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#84
1,2,4-Trimethylbenzene
Concen: 86.762 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085224.D
Acq: 17 Dec 2024 15:08

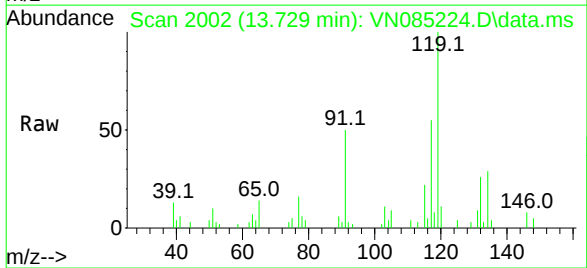
Tgt Ion:105 Resp: 527246
Ion Ratio Lower Upper
105 100
120 44.3 21.8 65.4





#86
 p-Isopropyltoluene
 Concen: 2.210 ug/l m
 RT: 13.729 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN085224.D
 Acq: 17 Dec 2024 15:08

Instrument :
 MSVOA_N
 ClientSampleId :
 MW12-20241212DL



Tgt Ion:	119	Resp:	12521
Ion Ratio	Lower	Upper	
119	100		
134	61.0	13.0	39.0#
91	59.8	12.8	38.4#

Manual Integrations
 APPROVED

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

