

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
 Data File : VN085239.D
 Acq On : 17 Dec 2024 21:11
 Operator : JC\MD
 Sample : P5291-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW6-20241213

Manual Integrations
 APPROVED

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

Quant Time: Dec 18 00:42:57 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	159121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108814	48.008	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.020%		
35) Dibromofluoromethane	8.165	113	87410	47.502	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.000%		
50) Toluene-d8	10.565	98	324349	49.184	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.360%		
62) 4-Bromofluorobenzene	12.847	95	129938	52.688	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	105.380%		
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	9731	14.741	ug/l #	66
19) Methyl tert-butyl Ether	5.794	73	49926	9.048	ug/l #	1
31) Cyclohexane	8.253	56	44310	14.676	ug/l #	89
39) Methylcyclohexane	9.600	83	62009	23.941	ug/l	95
40) Benzene	8.606	78	2355359	298.781	ug/l	100
52) Toluene	10.629	92	314307	67.349	ug/l	99
67) Ethyl Benzene	11.965	91	1075242	119.012	ug/l	99
68) m/p-Xylenes	12.071	106	1023363	297.515	ug/l	99
69) o-Xylene	12.394	106	328714	100.463	ug/l	99
73) Isopropylbenzene	12.694	105	45063	5.740	ug/l	98
78) n-propylbenzene	13.035	91	73521	8.120	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	100779	15.299	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	690950	101.901	ug/l	100
86) p-Isopropyltoluene	13.723	119	6102m	0.965	ug/l	

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

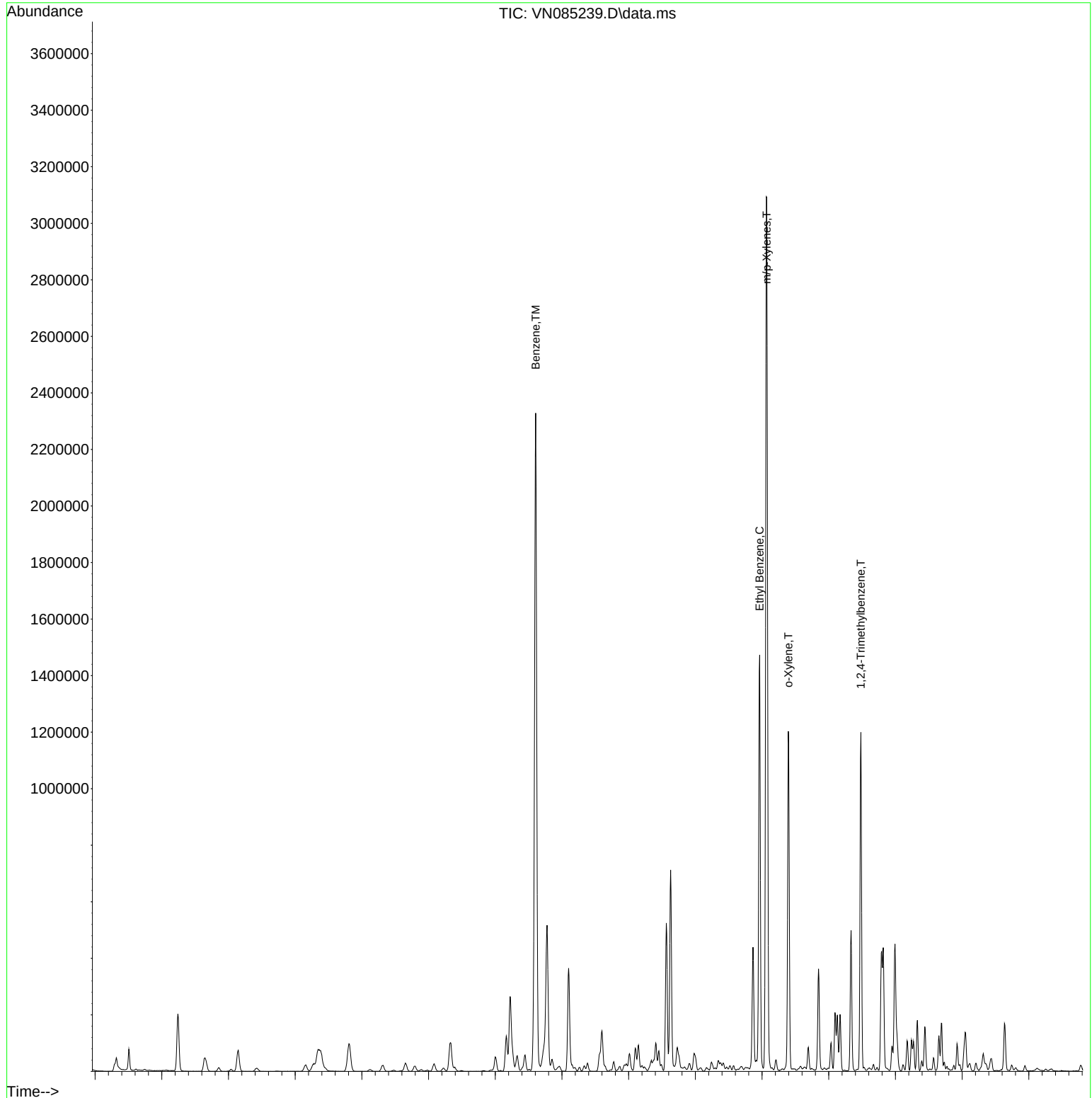
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
Data File : VN085239.D
Acq On : 17 Dec 2024 21:11
Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

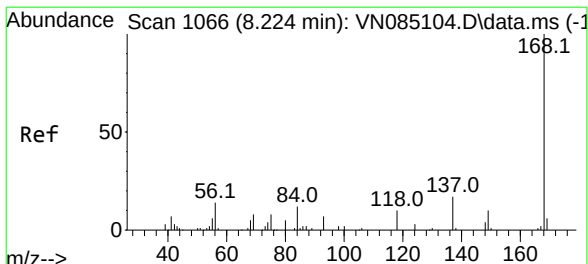
Instrument :
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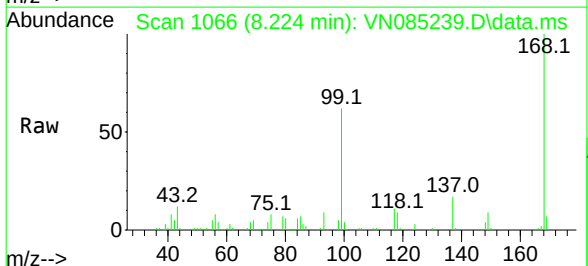
Quant Time: Dec 18 00:42:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

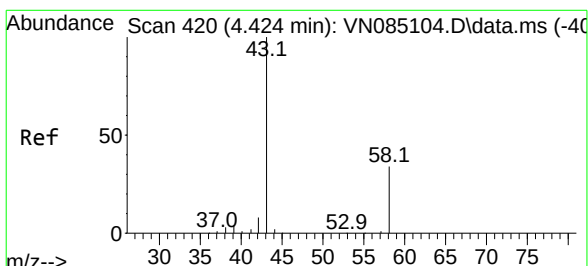
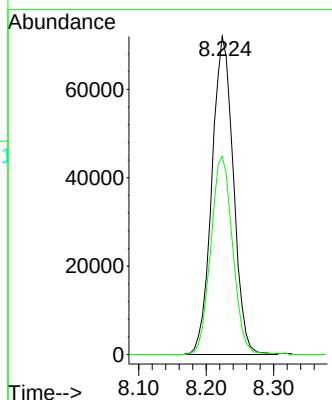
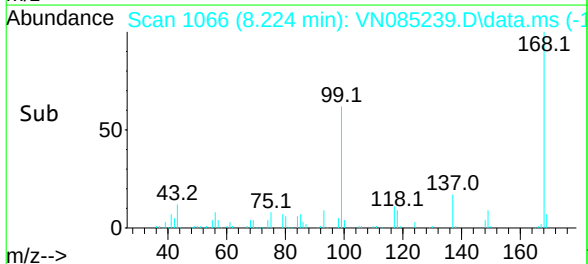
Instrument :
MSVOA_N
ClientSampleId :
MW6-20241213



Tgt Ion:168 Resp: 159121
Ion Ratio Lower Upper
168 100
99 62.3 51.2 76.8

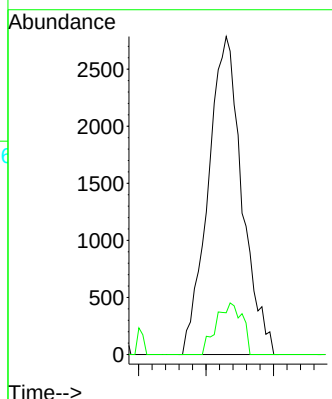
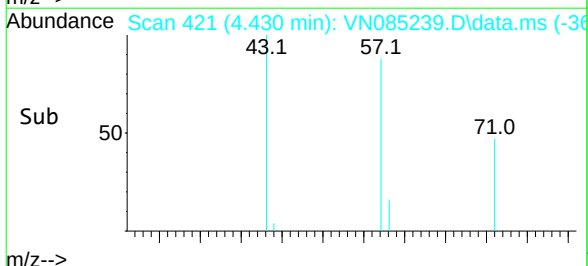
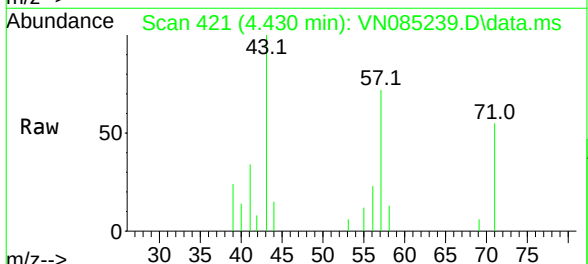
Manual Integrations
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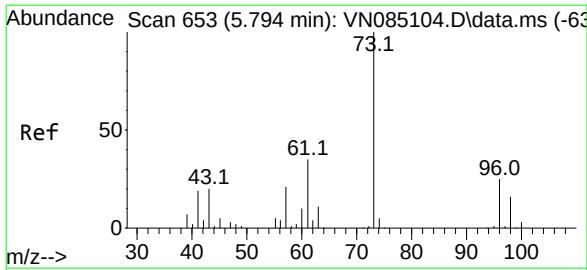
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#16
Acetone
Concen: 14.741 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Tgt Ion: 43 Resp: 9731
Ion Ratio Lower Upper
43 100
58 13.1 25.4 38.2#





#19

Methyl tert-butyl Ether

Concen: 9.048 ug/l

RT: 5.794 min Scan# 653

Delta R.T. 0.006 min

Lab File: VN085239.D

Acq: 17 Dec 2024 21:11

Instrument :

MSVOA_N

ClientSampleId :

MW6-20241213

Tgt Ion: 73 Resp: 49926

Ion Ratio Lower Upper

73 100

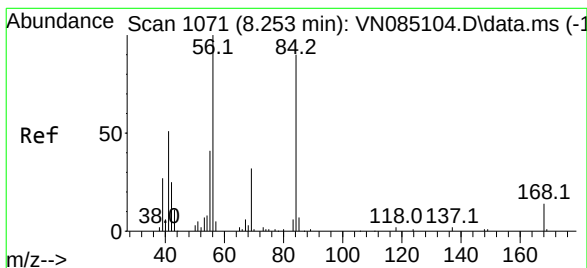
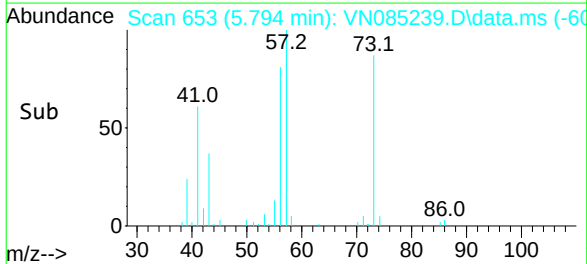
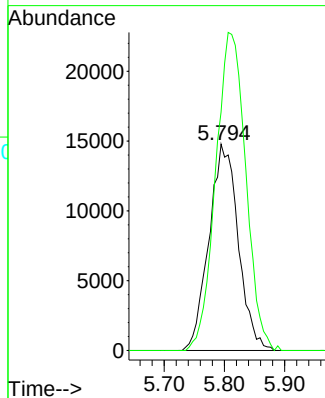
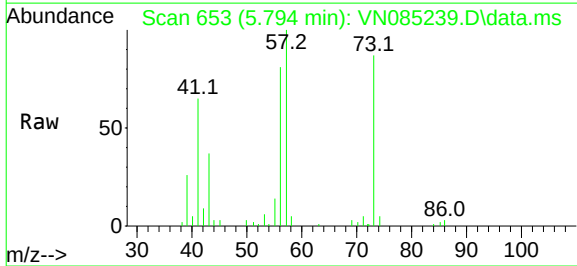
57 115.6 17.0 25.4

Manual Integrations

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#31

Cyclohexane

Concen: 14.676 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN085239.D

Acq: 17 Dec 2024 21:11

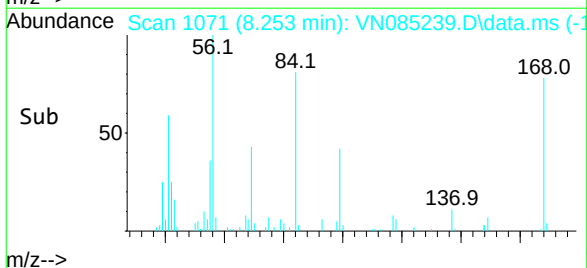
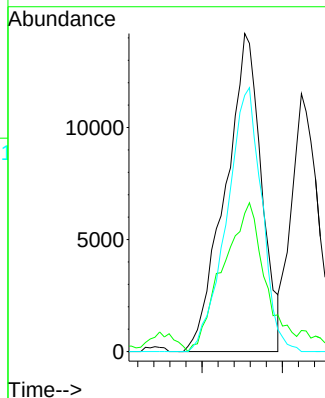
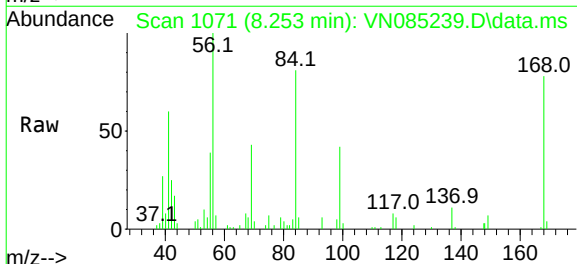
Tgt Ion: 56 Resp: 44310

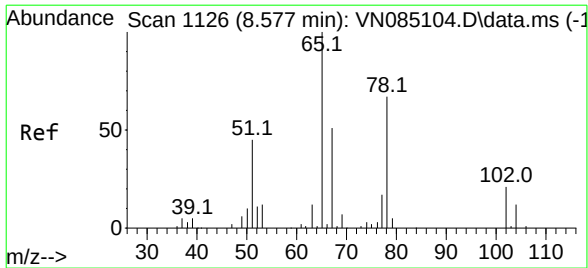
Ion Ratio Lower Upper

56 100

69 40.5 24.6 36.8

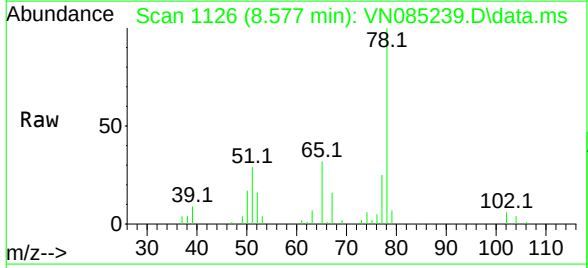
84 80.6 71.4 107.2





#33
1,2-Dichloroethane-d4
Concen: 48.008 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

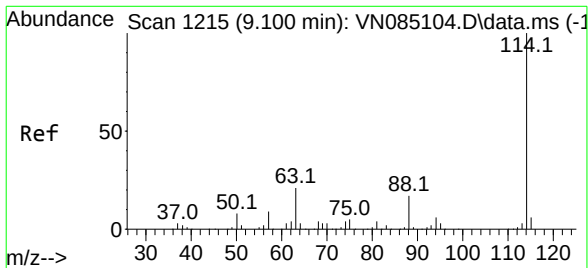
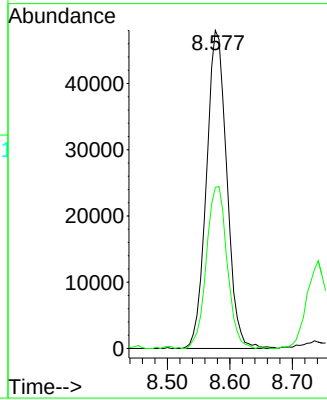
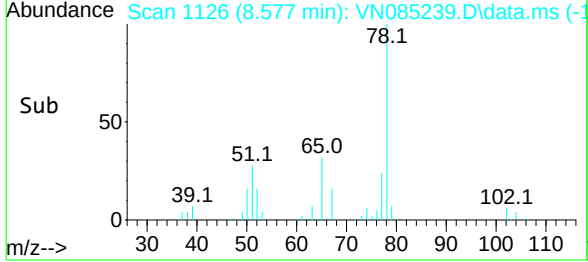
Instrument :
MSVOA_N
ClientSampleId :
MW6-20241213



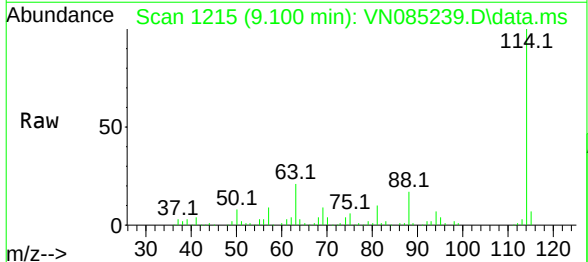
Tgt Ion: 65 Resp: 108814
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.0

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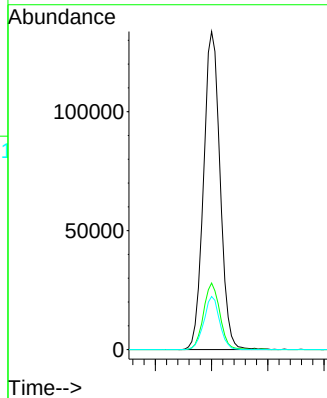
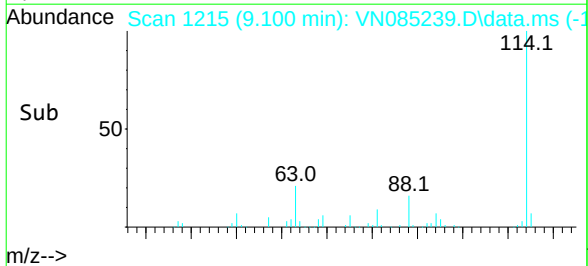
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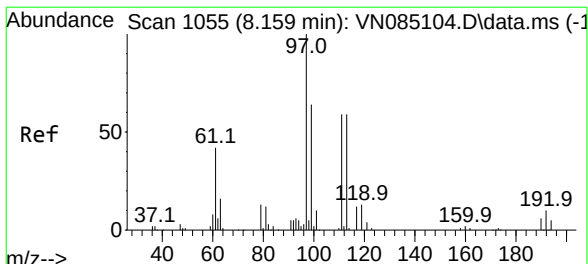


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11



Tgt Ion:114 Resp: 272871
Ion Ratio Lower Upper
114 100
63 20.9 0.0 41.0
88 16.7 0.0 34.8





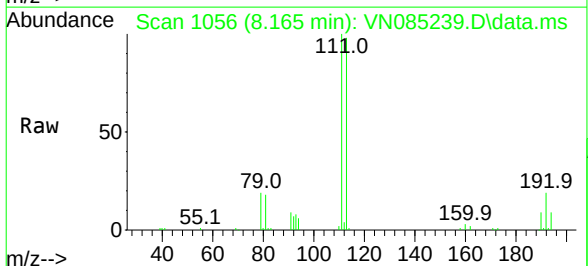
#35
 Dibromofluoromethane
 Concen: 47.502 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085239.D
 Acq: 17 Dec 2024 21:11

Instrument :

MSVOA_N

ClientSampleId :

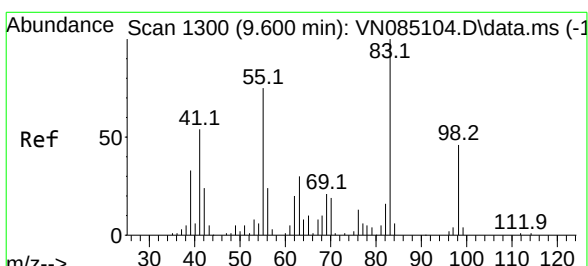
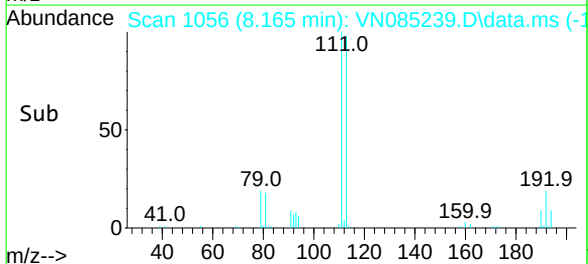
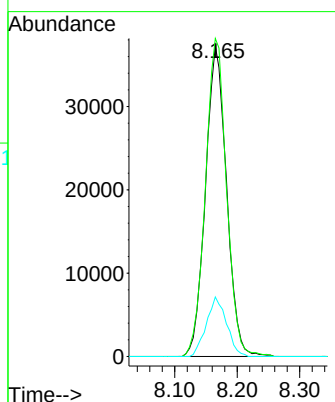
MW6-20241213



Tgt Ion:	113	Resp:	87410
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.0	123.0
192	18.3	14.8	22.2

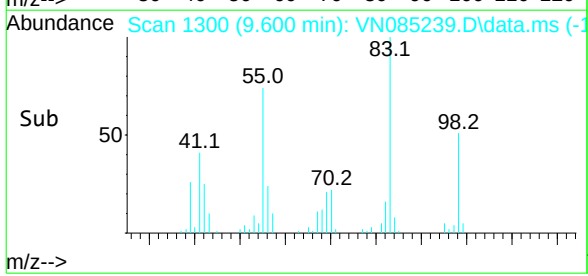
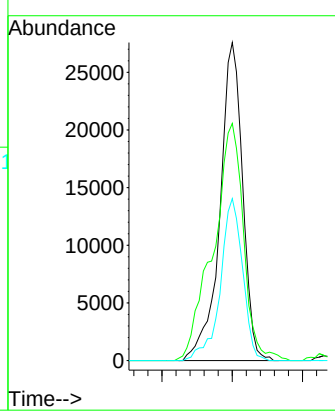
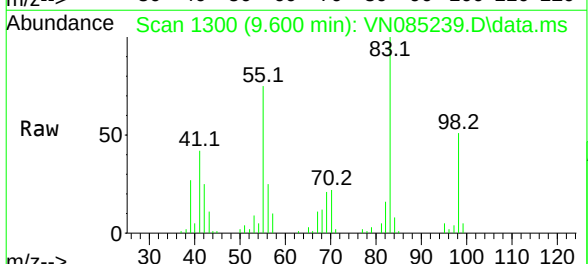
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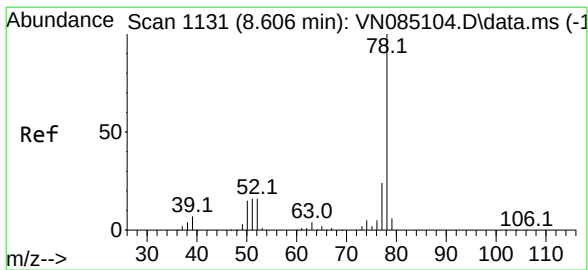
Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024



#39
 Methylcyclohexane
 Concen: 23.941 ug/l
 RT: 9.600 min Scan# 1300
 Delta R.T. 0.006 min
 Lab File: VN085239.D
 Acq: 17 Dec 2024 21:11

Tgt Ion:	83	Resp:	62009
Ion	Ratio	Lower	Upper
83	100		
55	73.8	61.8	92.6
98	50.9	37.0	55.6





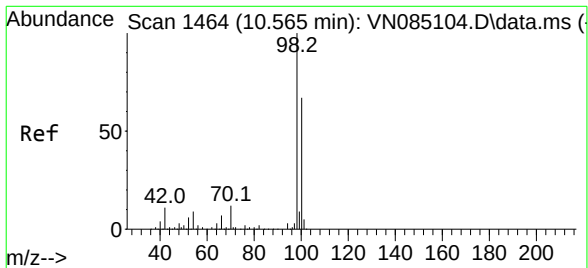
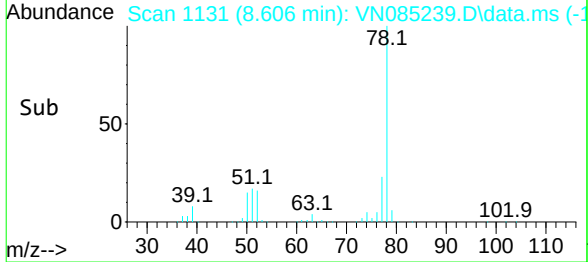
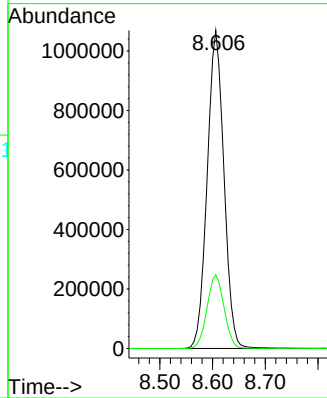
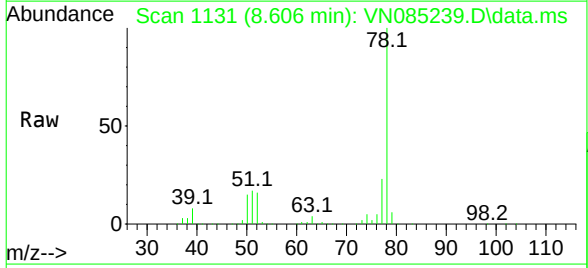
#40
Benzene
Concen: 298.781 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Instrument :
MSVOA_N
ClientSampleId :
MW6-20241213

Tgt Ion: 78 Resp: 2355359
Ion Ratio Lower Upper
78 100
77 23.2 18.5 27.7

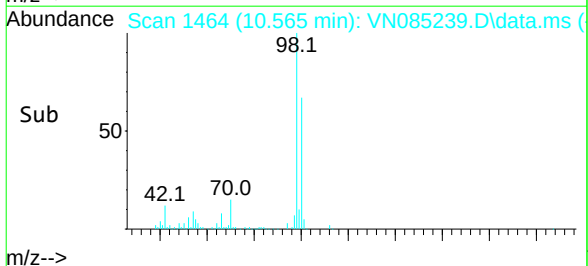
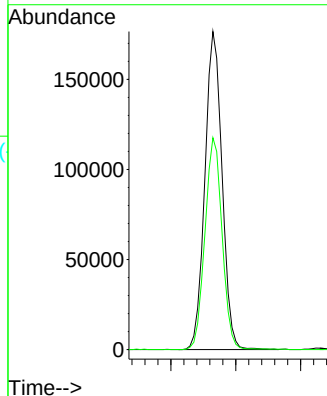
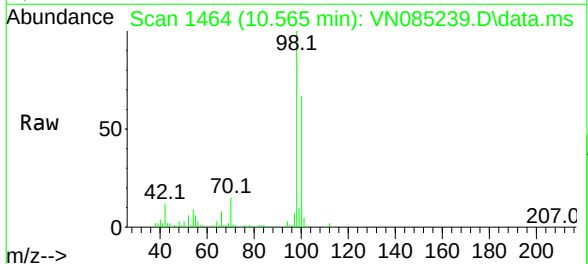
Manual Integrations
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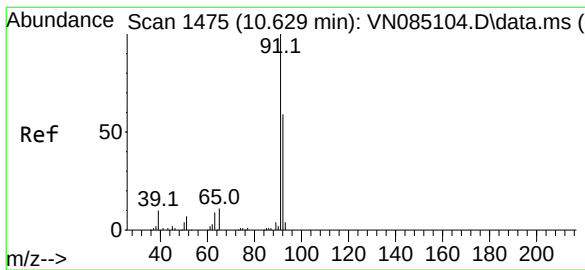
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#50
Toluene-d8
Concen: 49.184 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Tgt Ion: 98 Resp: 324349
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7





#52

Toluene

Concen: 67.349 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VN085239.D

Acq: 17 Dec 2024 21:11

Instrument :

MSVOA_N

ClientSampleId :

MW6-20241213

Tgt Ion: 92 Resp: 314307

Ion Ratio Lower Upper

92 100

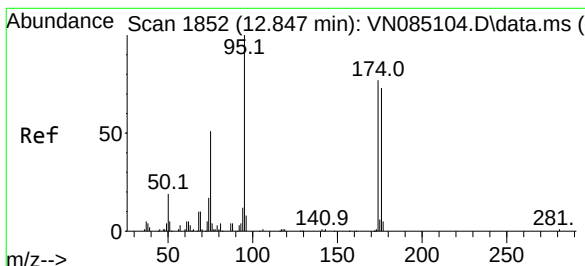
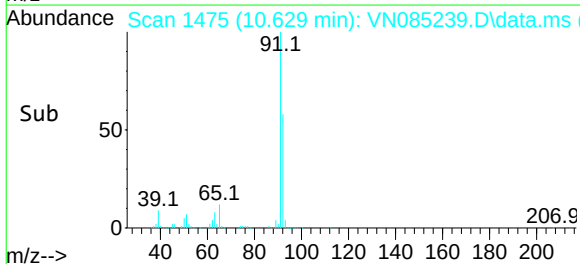
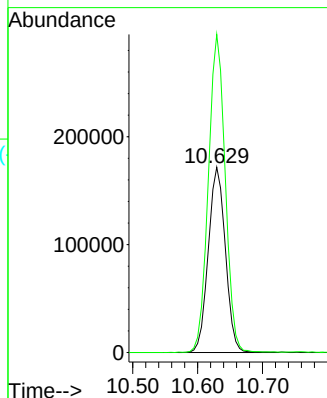
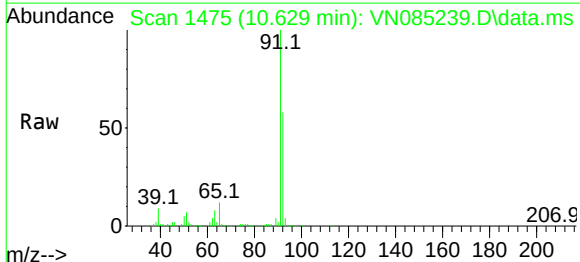
91 169.9 136.7 205.1

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 52.688 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085239.D

Acq: 17 Dec 2024 21:11

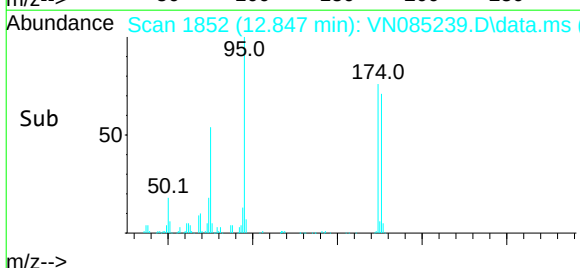
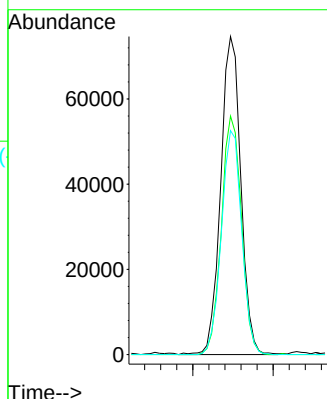
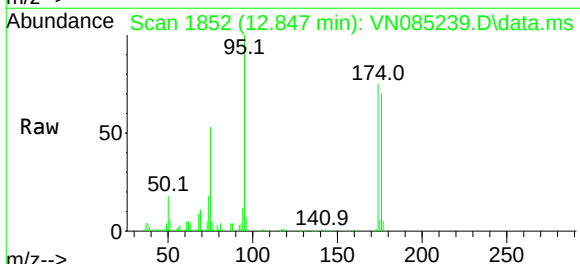
Tgt Ion: 95 Resp: 129938

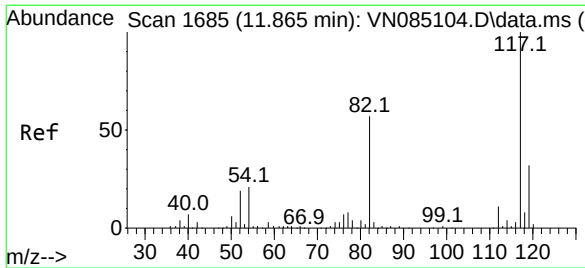
Ion Ratio Lower Upper

95 100

174 74.6 0.0 146.6

176 70.9 0.0 141.8





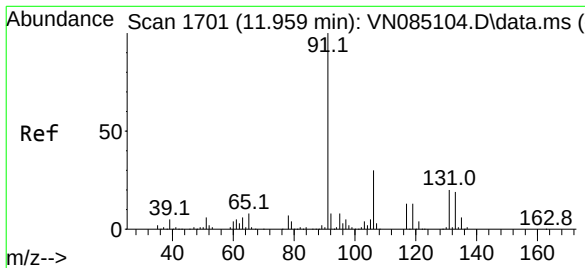
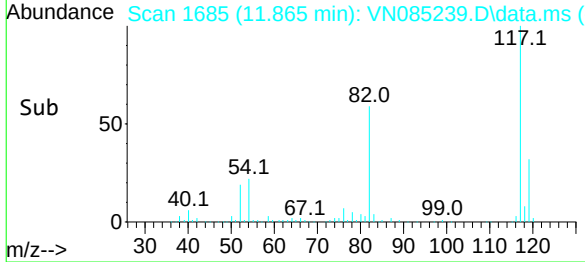
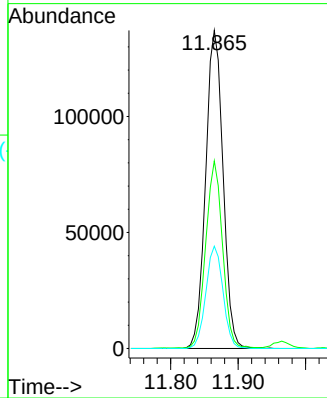
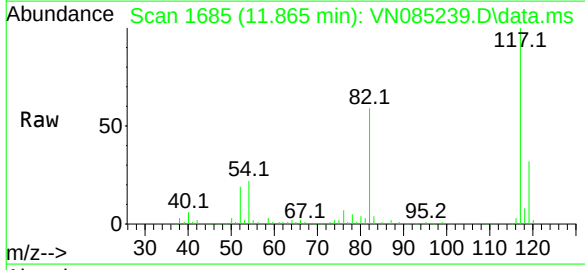
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Instrument :
MSVOA_N
ClientSampleId :
MW6-20241213

Tgt Ion: 117 Resp: 245552
Ion Ratio Lower Upper
117 100
82 58.8 46.0 69.0
119 32.2 25.6 38.4

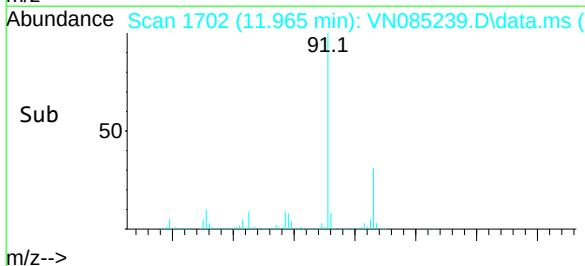
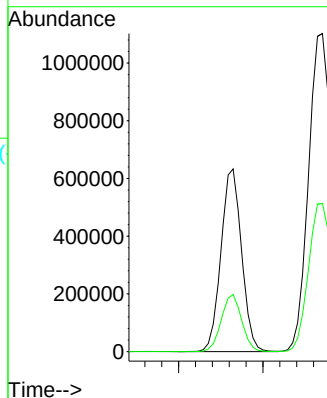
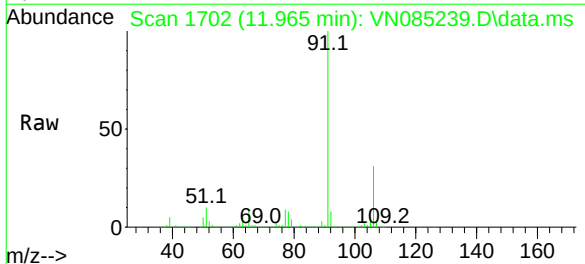
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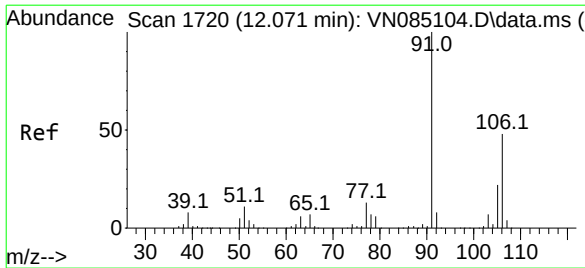
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#67
Ethyl Benzene
Concen: 119.012 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

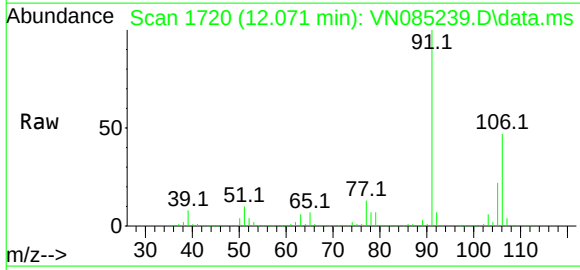
Tgt Ion: 91 Resp: 1075242
Ion Ratio Lower Upper
91 100
106 31.2 24.7 37.1





#68
m/p-Xylenes
Concen: 297.515 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

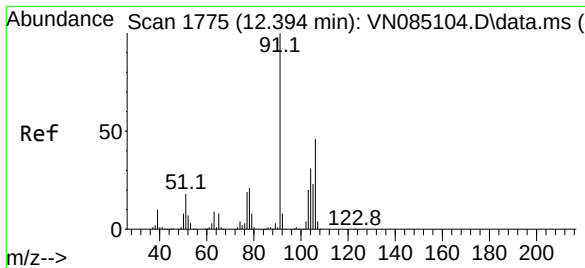
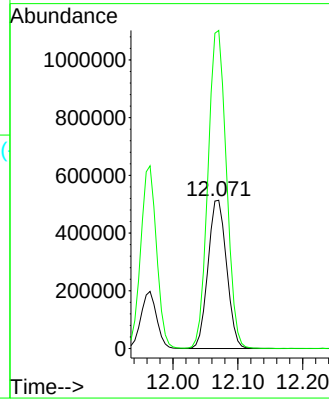
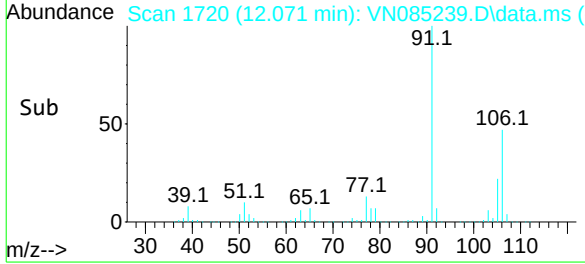
Instrument :
MSVOA_N
ClientSampleId :
MW6-20241213



Tgt Ion:106 Resp: 1023363
Ion Ratio Lower Upper
106 100
91 212.3 168.0 252.0

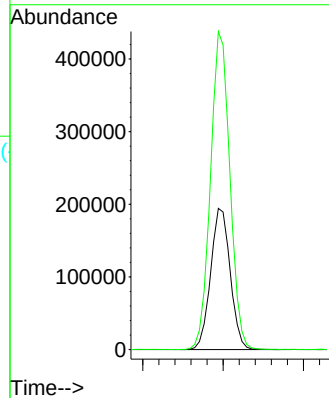
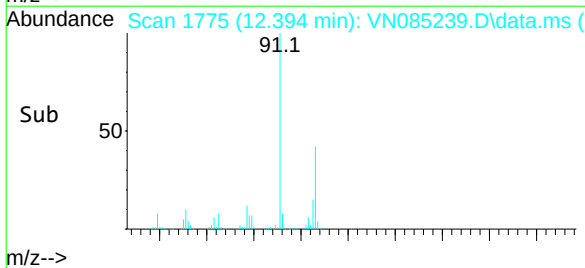
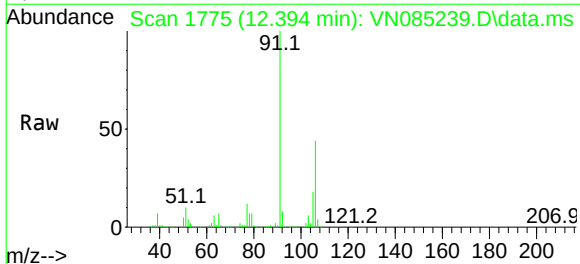
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APPROVED

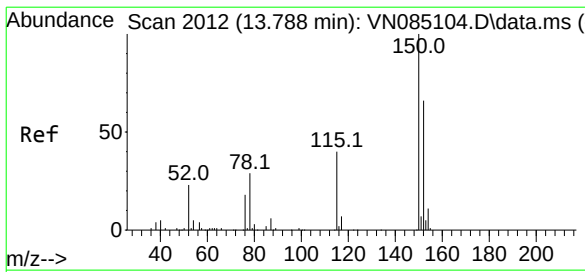
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#69
o-Xylene
Concen: 100.463 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

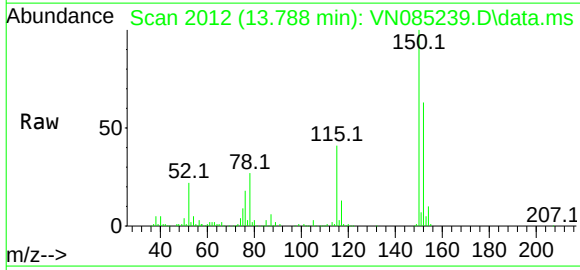
Tgt Ion:106 Resp: 328714
Ion Ratio Lower Upper
106 100
91 223.2 110.7 331.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

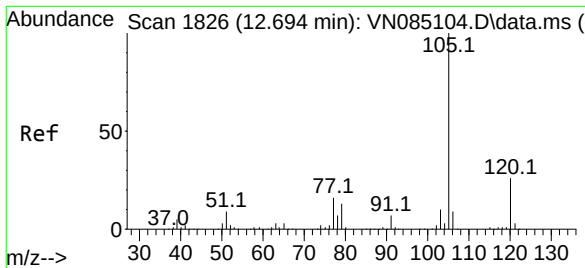
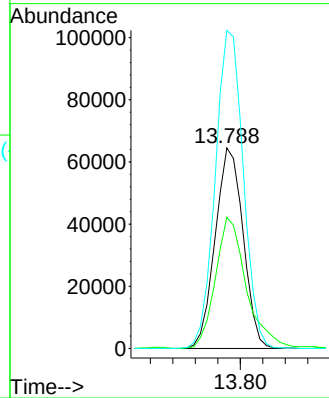
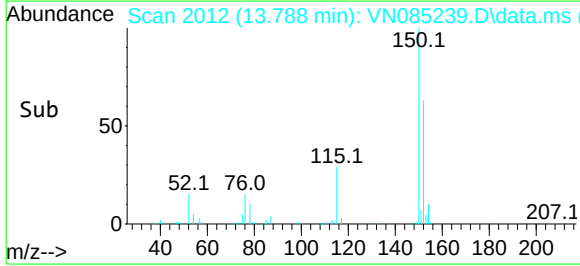
Instrument :
MSVOA_N
ClientSampleId :
MW6-20241213



Tgt Ion:152 Resp: 111275
Ion Ratio Lower Upper
152 100
115 73.1 31.7 95.1
150 159.1 0.0 351.4

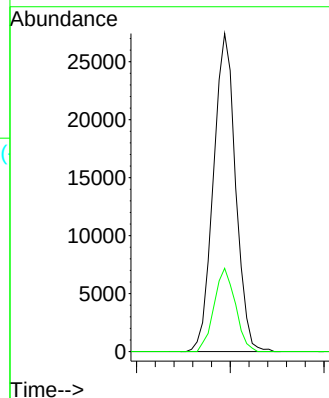
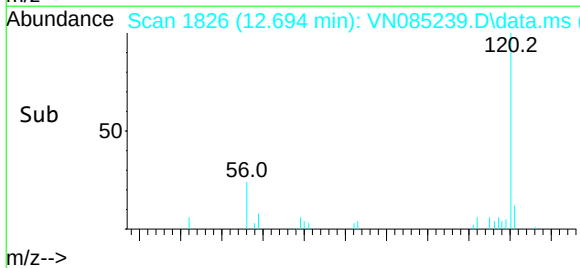
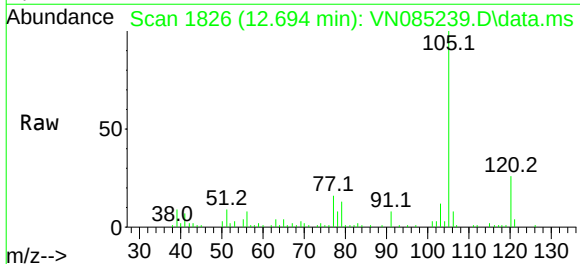
Manual Integrations
APPROVED

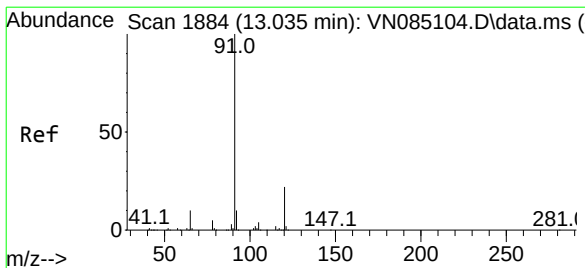
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#73
Isopropylbenzene
Concen: 5.740 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Tgt Ion:105 Resp: 45063
Ion Ratio Lower Upper
105 100
120 25.1 13.0 39.0





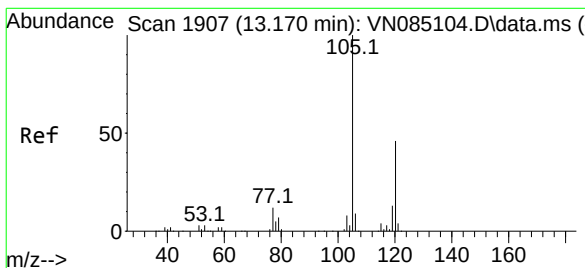
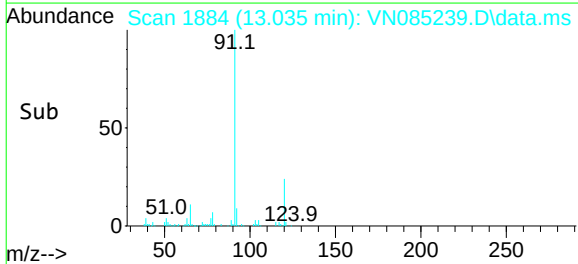
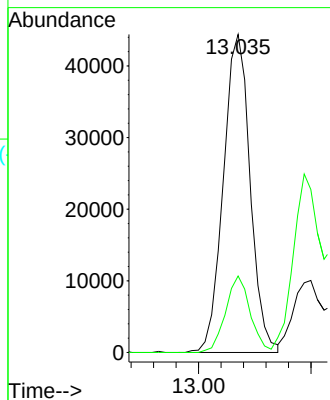
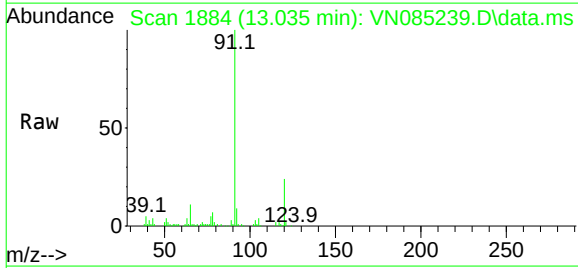
#78
n-propylbenzene
Concen: 8.120 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Instrument :
MSVOA_N
ClientSampleId :
MW6-20241213

Tgt Ion: 91 Resp: 73521
Ion Ratio Lower Upper
91 100
120 22.1 11.3 33.9

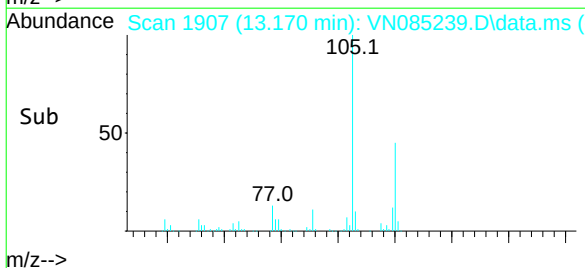
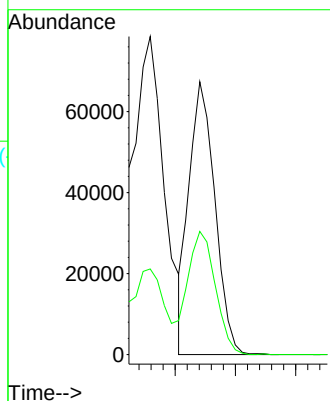
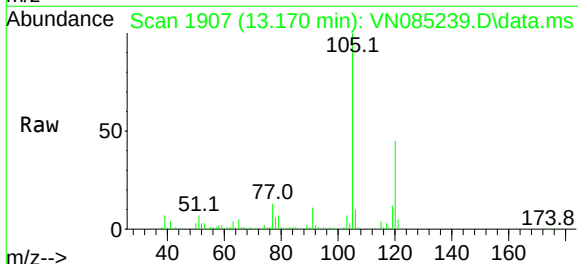
Manual Integrations
APPROVED

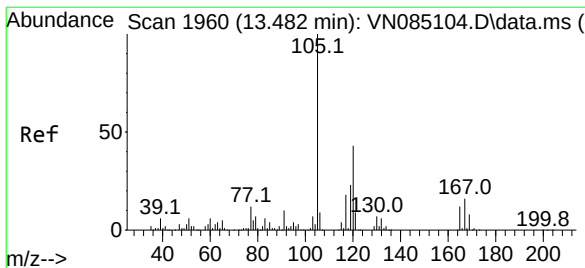
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#80
1,3,5-Trimethylbenzene
Concen: 15.299 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Tgt Ion:105 Resp: 100779
Ion Ratio Lower Upper
105 100
120 49.8 23.6 71.0





#84

1,2,4-Trimethylbenzene

Concen: 101.901 ug/l

RT: 13.482 min Scan# 19

Delta R.T. 0.006 min

Lab File: VN085239.D

Acq: 17 Dec 2024 21:11

Instrument :

MSVOA_N

ClientSampleId :

MW6-20241213

Tgt Ion:105 Resp: 690950

Ion Ratio Lower Upper

105 100

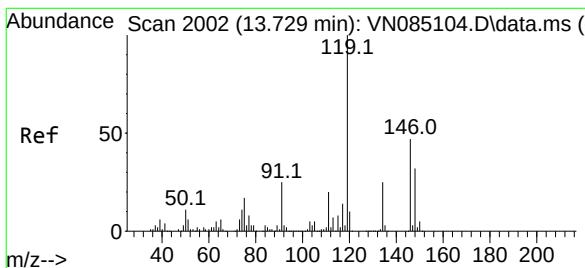
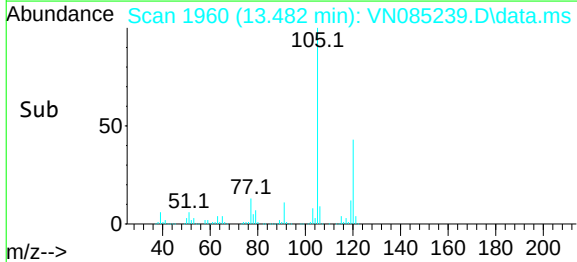
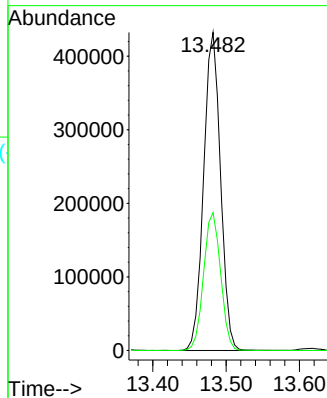
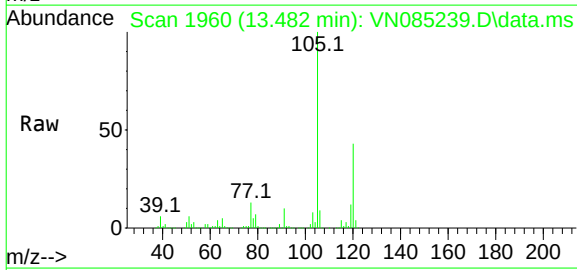
120 43.8 21.8 65.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#86

p-Isopropyltoluene

Concen: 0.965 ug/l m

RT: 13.723 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VN085239.D

Acq: 17 Dec 2024 21:11

Tgt Ion:119 Resp: 6102

Ion Ratio Lower Upper

119 100

134 47.0 13.0 39.0#

91 45.3 12.8 38.4#

