

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085260.D
 Acq On : 18 Dec 2024 19:09
 Operator : JC\MD
 Sample : P5291-06DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW3-20241213DL

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 08:40:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	93760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	172552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	156849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	73363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	85981	52.466	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.940%			
35) Dibromofluoromethane	8.165	113	62208	51.279	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.560%			
50) Toluene-d8	10.565	98	218391	49.254	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.500%			
62) 4-Bromofluorobenzene	12.847	95	82423	52.045	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.080%			
Target Compounds						
30) Chloroform	7.959	83	1503m	0.615	ug/l	
39) Methylcyclohexane	9.588	83	818	0.465	ug/l #	86
52) Toluene	10.629	92	28560	9.038	ug/l	98
67) Ethyl Benzene	11.965	91	217563	36.001	ug/l	100
68) m/p-Xylenes	12.071	106	151846	67.182	ug/l	97
69) o-Xylene	12.400	106	76087	35.815	ug/l	99
73) Isopropylbenzene	12.694	105	8555	1.617	ug/l	99
78) n-propylbenzene	13.035	91	21214	3.268	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	31020	7.027	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	230613	51.110	ug/l	99

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

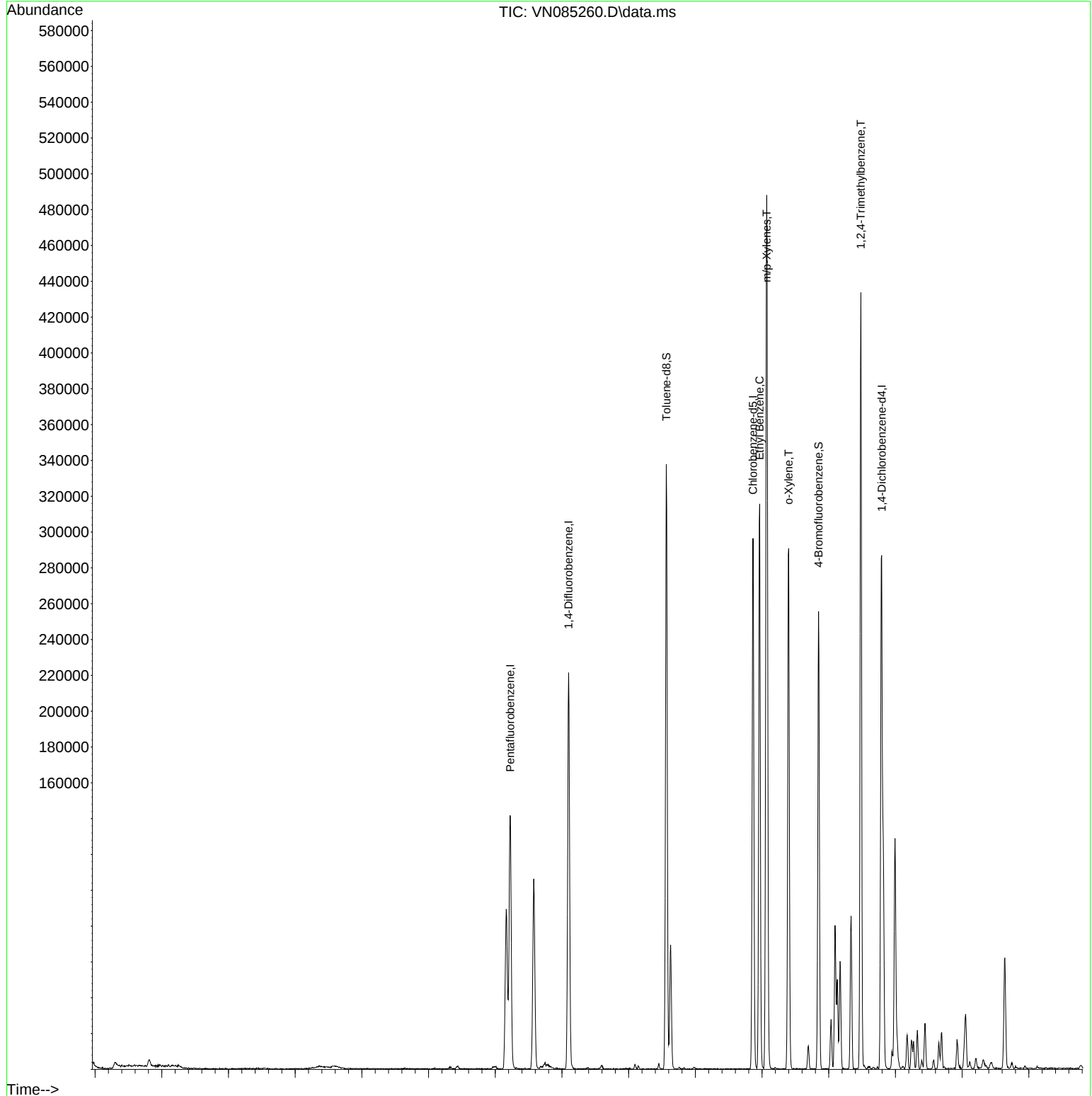
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
Data File : VN085260.D
Acq On : 18 Dec 2024 19:09
Operator : JC\MD
Sample : P5291-06DL 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

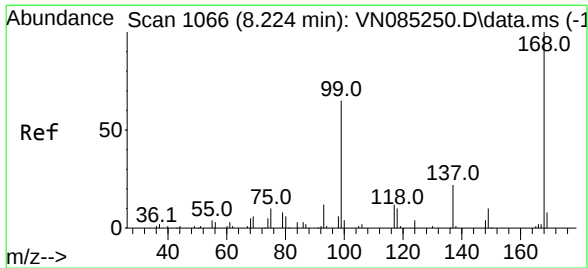
Instrument :
MSVOA_N
ClientSampleId :
MW3-20241213DL

Quant Time: Dec 19 08:40:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

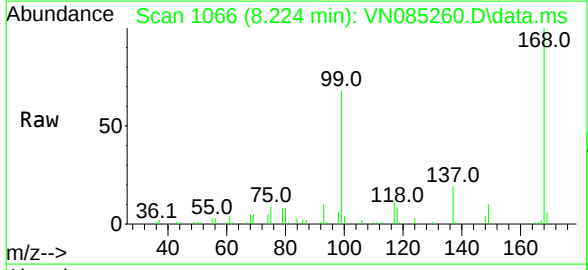
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085260.D
Acq: 18 Dec 2024 19:09

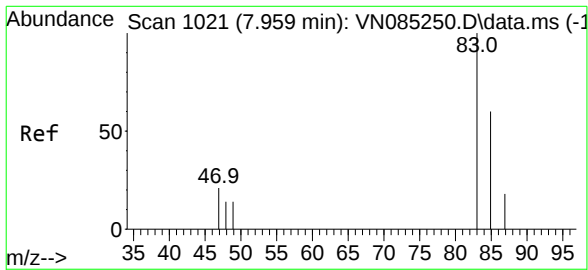
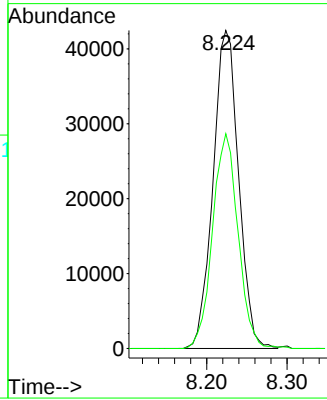
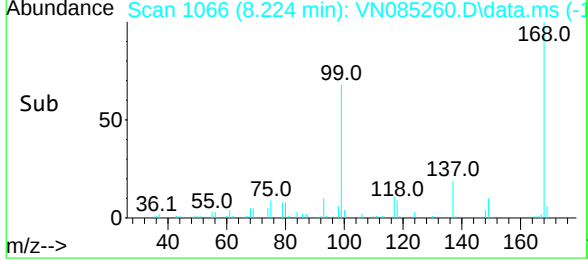
Instrument :
MSVOA_N
ClientSampleId :
MW3-20241213DL



Tgt Ion: 168 Resp: 93760
Ion Ratio Lower Upper
168 100
99 67.5 50.7 76.1

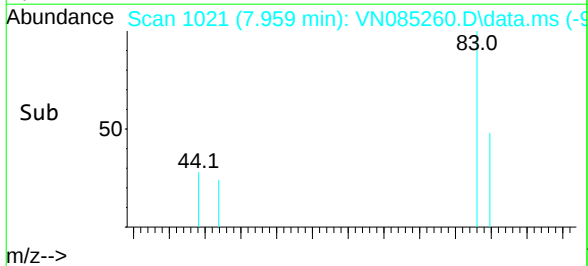
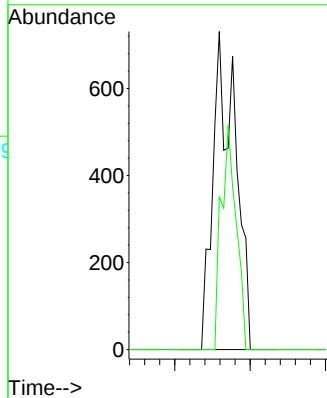
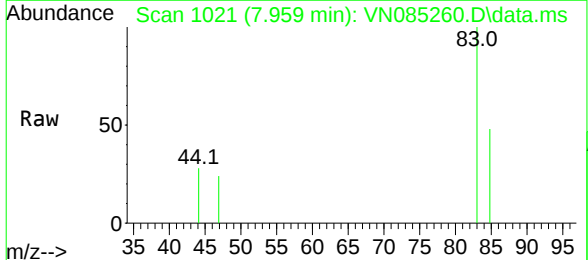
Manual Integrations
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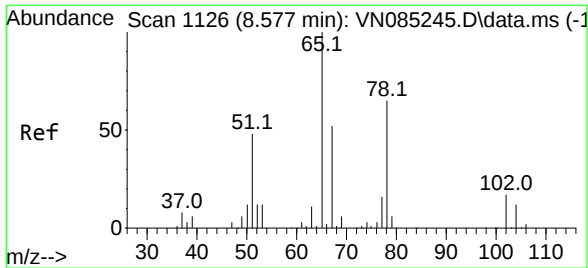
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#30
Chloroform
Concen: 0.615 ug/l m
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN085260.D
Acq: 18 Dec 2024 19:09

Tgt Ion: 83 Resp: 1503
Ion Ratio Lower Upper
83 100
85 48.0 51.4 77.0#





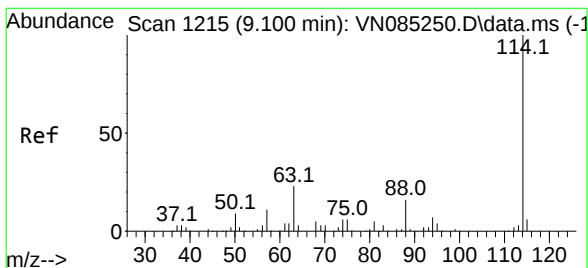
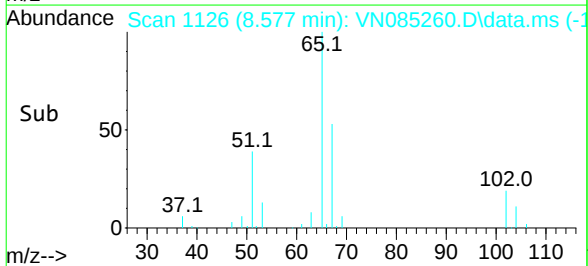
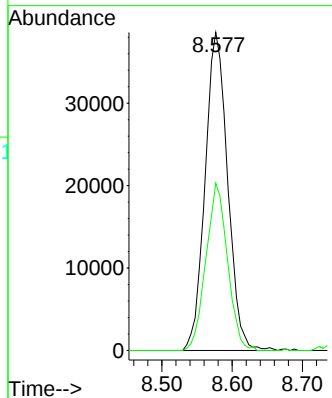
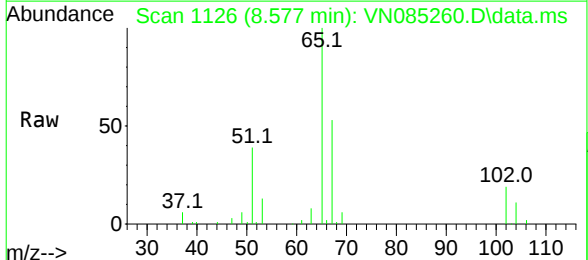
#33
1,2-Dichloroethane-d4
Concen: 52.466 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN085260.D
Acq: 18 Dec 2024 19:09

Instrument :
MSVOA_N
ClientSampleId :
MW3-20241213DL

Tgt Ion: 65 Resp: 85981
Ion Ratio Lower Upper
65 100
67 50.2 0.0 102.2

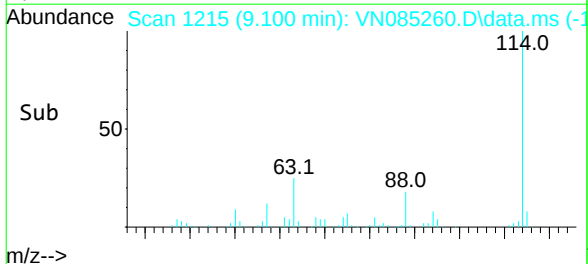
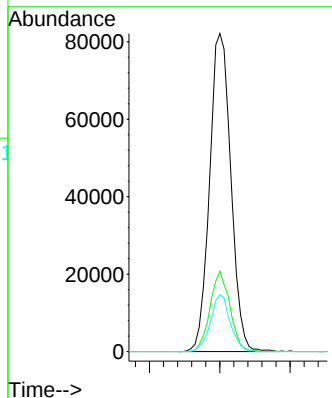
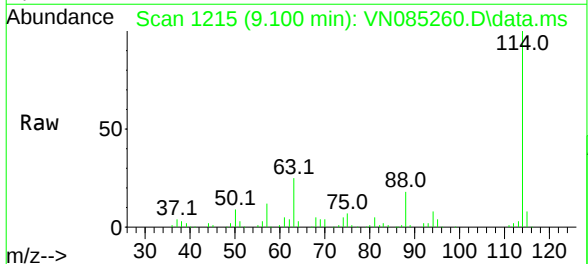
Manual Integrations
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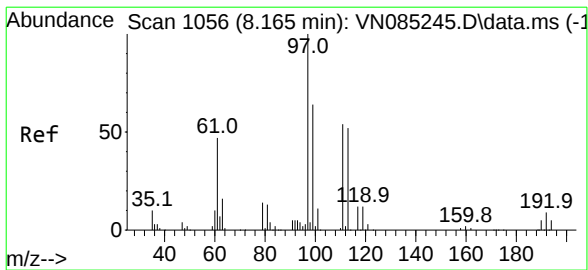
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN085260.D
Acq: 18 Dec 2024 19:09

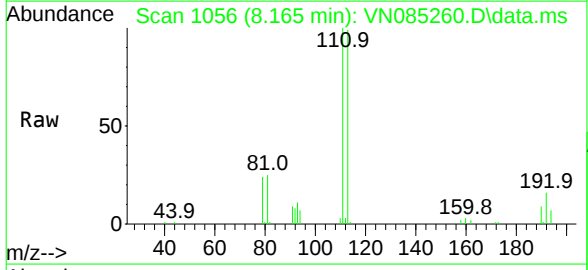
Tgt Ion:114 Resp: 172552
Ion Ratio Lower Upper
114 100
63 25.3 0.0 46.2
88 17.9 0.0 32.6





#35
 Dibromofluoromethane
 Concen: 51.279 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN085260.D
 Acq: 18 Dec 2024 19:09

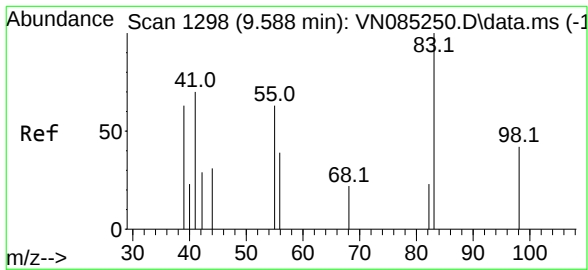
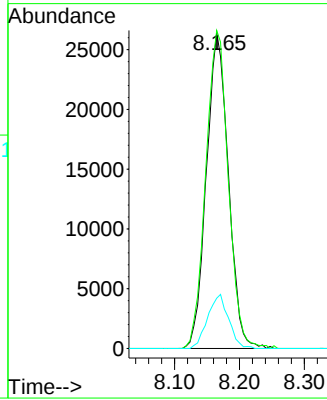
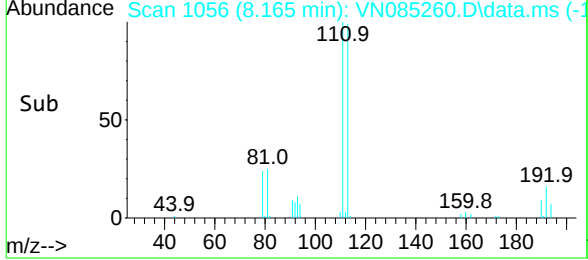
Instrument :
 MSVOA_N
 ClientSampleId :
 MW3-20241213DL



Tgt Ion:	113	Resp:	62208
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.1	123.1
192	16.3	13.4	20.0

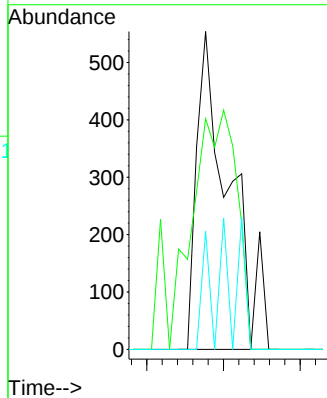
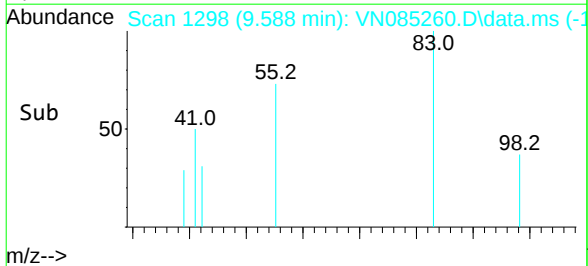
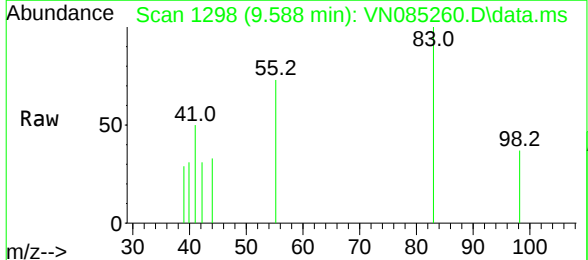
Manual Integrations
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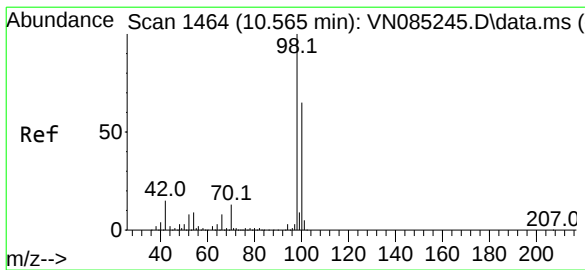
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#39
 Methylcyclohexane
 Concen: 0.465 ug/l
 RT: 9.588 min Scan# 1298
 Delta R.T. -0.012 min
 Lab File: VN085260.D
 Acq: 18 Dec 2024 19:09

Tgt Ion:	83	Resp:	818
Ion	Ratio	Lower	Upper
83	100		
55	72.6	66.8	100.2
98	37.2	39.4	59.2





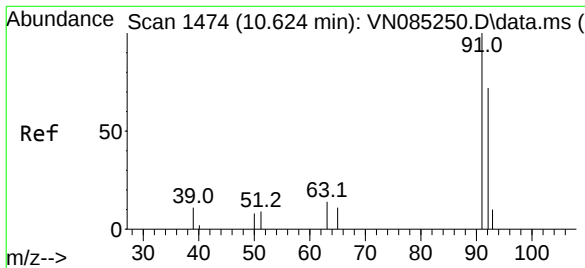
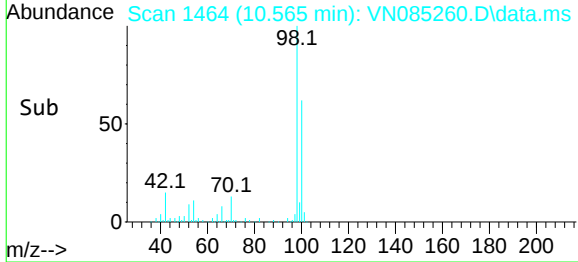
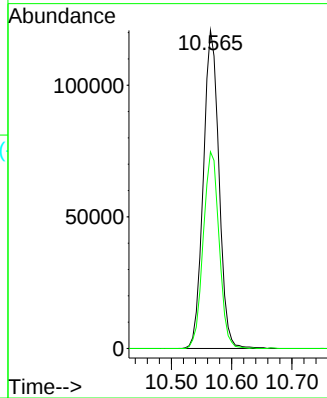
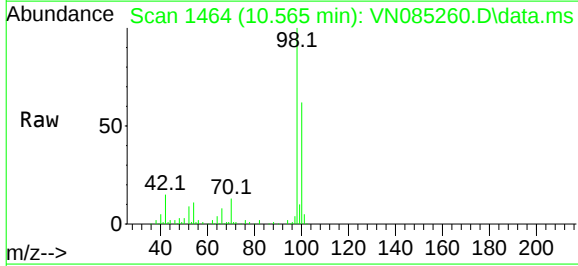
#50
Toluene-d8
Concen: 49.254 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085260.D
Acq: 18 Dec 2024 19:09

Instrument :
MSVOA_N
ClientSampleId :
MW3-20241213DL

Tgt Ion: 98 Resp: 218391
Ion Ratio Lower Upper
98 100
100 62.7 51.6 77.4

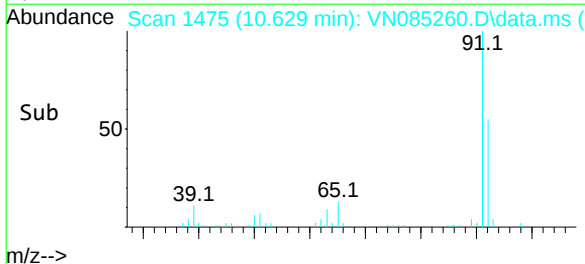
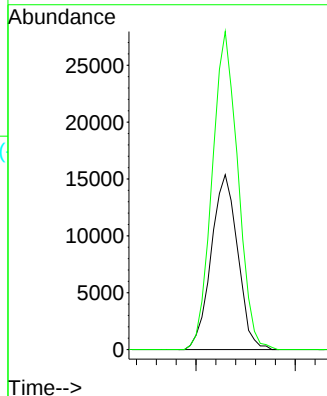
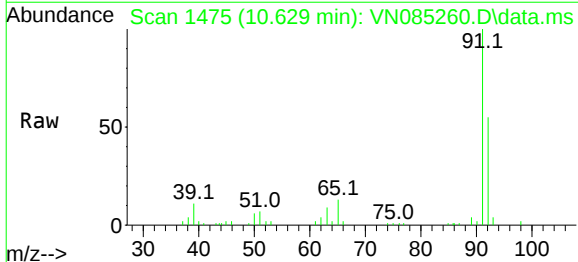
Manual Integrations
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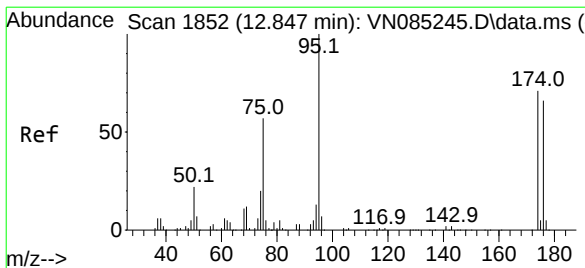
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#52
Toluene
Concen: 9.038 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN085260.D
Acq: 18 Dec 2024 19:09

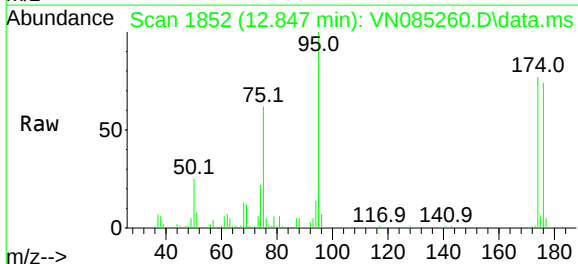
Tgt Ion: 92 Resp: 28560
Ion Ratio Lower Upper
92 100
91 176.6 138.9 208.3





#62
4-Bromofluorobenzene
Concen: 52.045 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085260.D
Acq: 18 Dec 2024 19:09

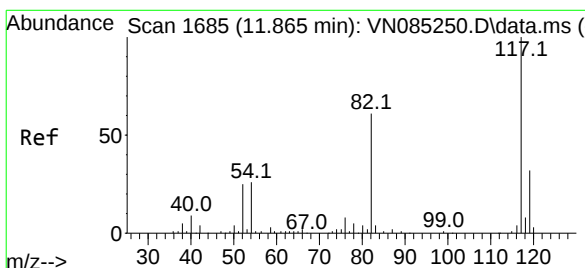
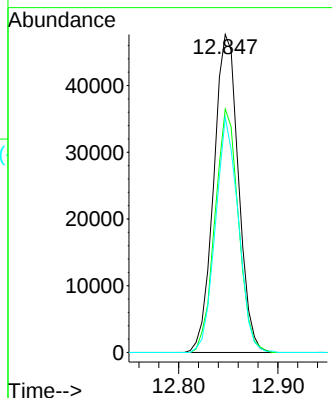
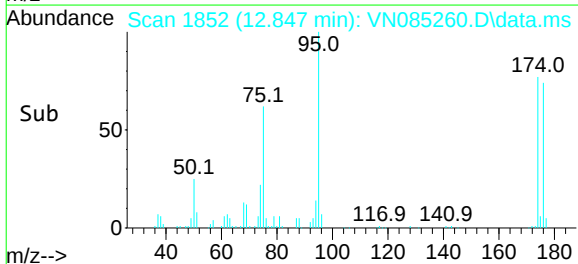
Instrument :
MSVOA_N
ClientSampleId :
MW3-20241213DL



Tgt Ion: 95 Resp: 82423
Ion Ratio Lower Upper
95 100
174 72.9 0.0 144.4
176 68.5 0.0 136.6

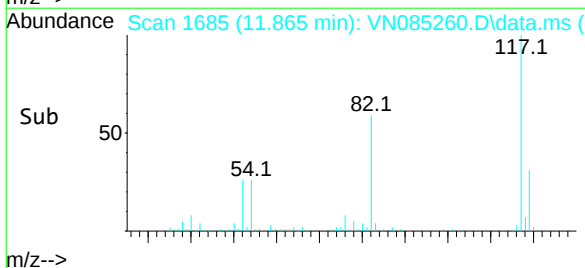
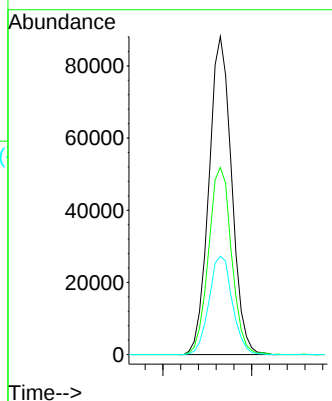
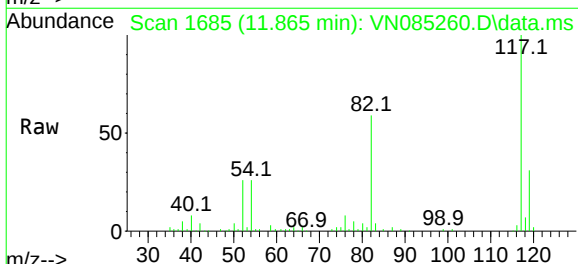
Manual Integrations
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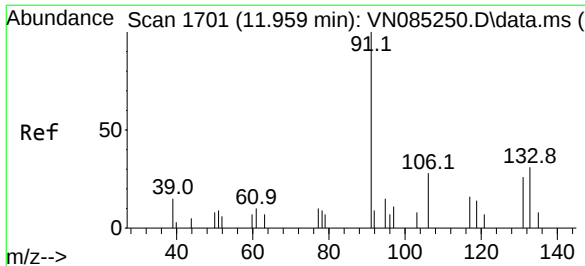
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085260.D
Acq: 18 Dec 2024 19:09

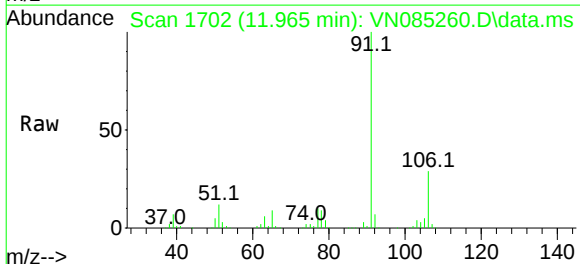
Tgt Ion:117 Resp: 156849
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 31.0 25.6 38.4





#67
Ethyl Benzene
Concen: 36.001 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085260.D
Acq: 18 Dec 2024 19:09

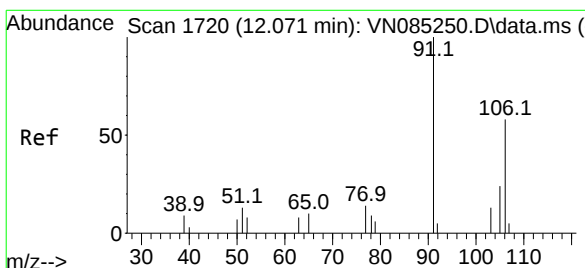
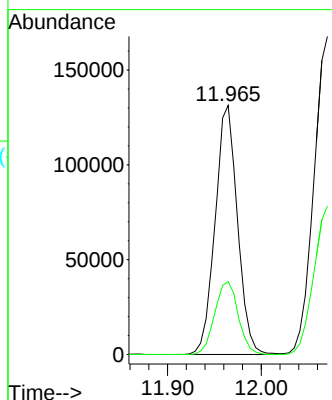
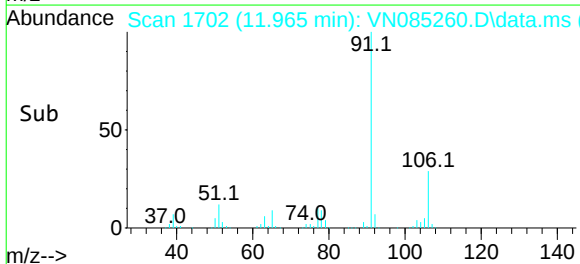
Instrument :
MSVOA_N
ClientSampleId :
MW3-20241213DL



Tgt Ion: 91 Resp: 217563
Ion Ratio Lower Upper
91 100
106 29.2 23.5 35.3

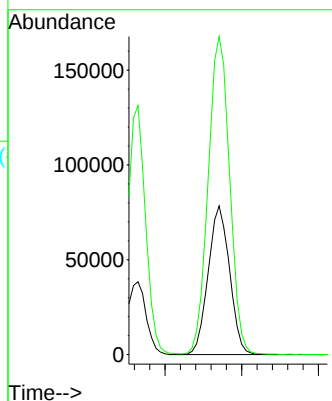
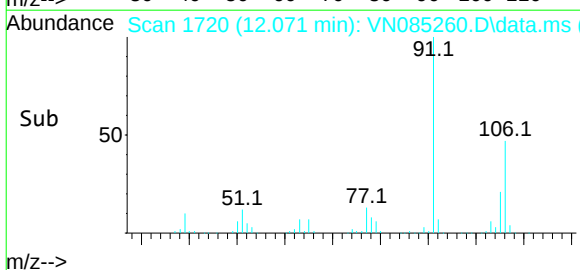
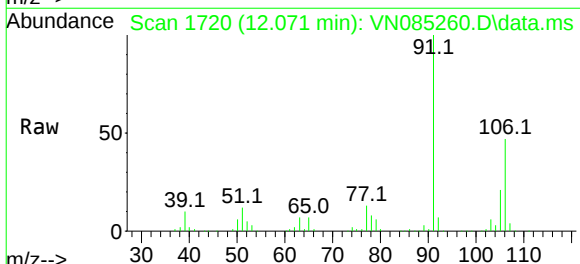
Manual Integrations
APPROVED

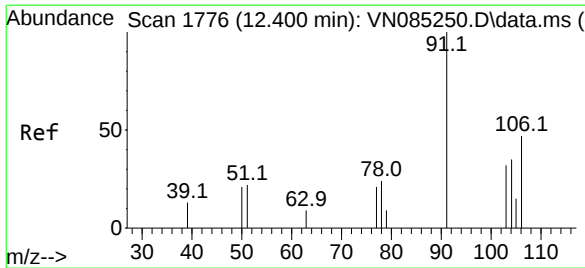
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#68
m/p-Xylenes
Concen: 67.182 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085260.D
Acq: 18 Dec 2024 19:09

Tgt Ion:106 Resp: 151846
Ion Ratio Lower Upper
106 100
91 215.2 168.3 252.5





#69

o-Xylene

Concen: 35.815 ug/l

RT: 12.400 min Scan# 17

Delta R.T. 0.006 min

Lab File: VN085260.D

Acq: 18 Dec 2024 19:09

Instrument :

MSVOA_N

ClientSampleId :

MW3-20241213DL

Tgt Ion:106 Resp: 76087

Ion Ratio Lower Upper

106 100

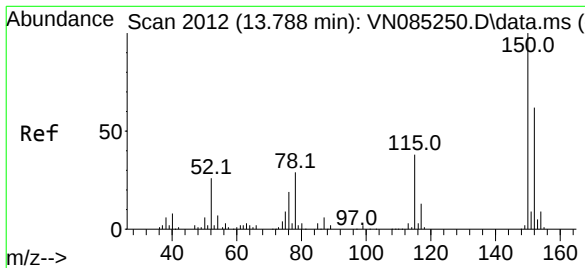
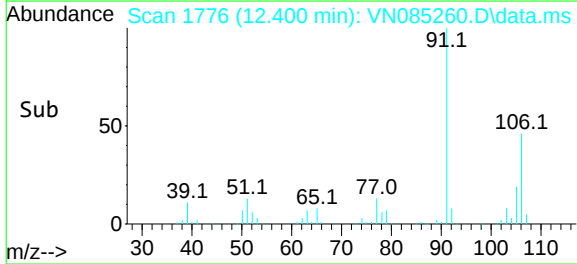
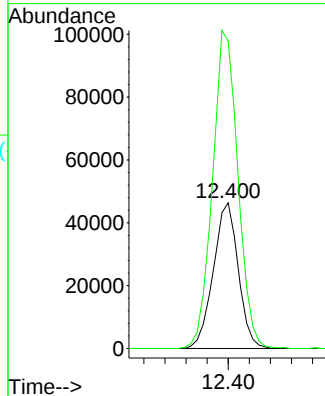
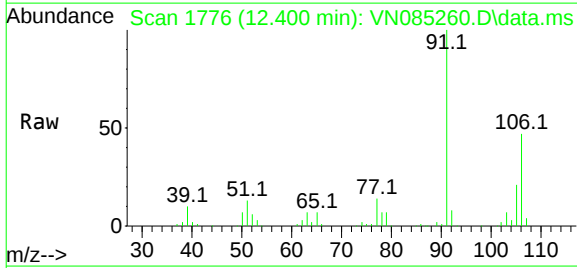
91 222.6 112.1 336.2

Manual Integrations

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Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN085260.D

Acq: 18 Dec 2024 19:09

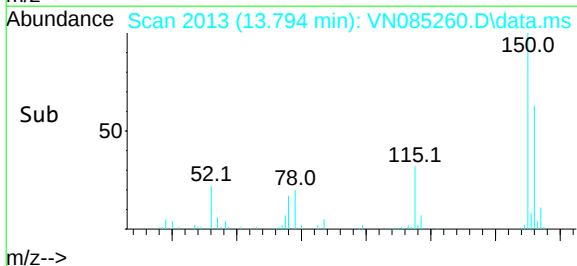
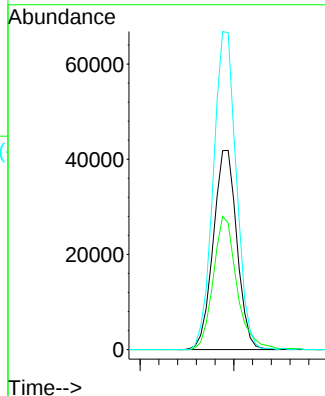
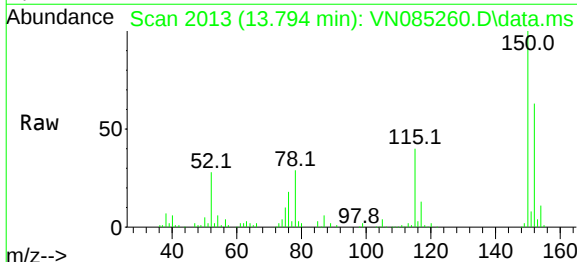
Tgt Ion:152 Resp: 73363

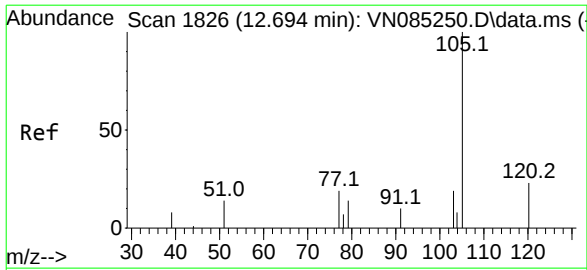
Ion Ratio Lower Upper

152 100

115 66.6 32.1 96.3

150 155.8 0.0 354.6





#73

Isopropylbenzene

Concen: 1.617 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085260.D

Acq: 18 Dec 2024 19:09

Instrument :

MSVOA_N

ClientSampleId :

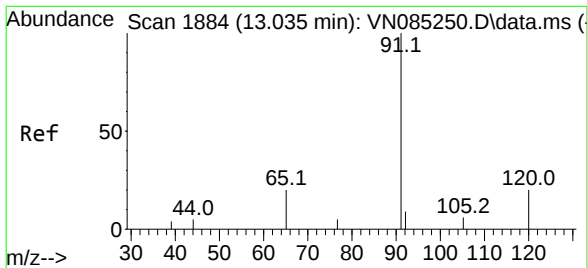
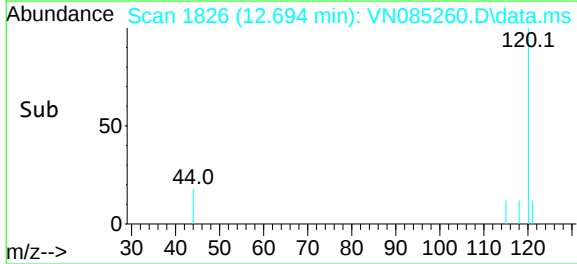
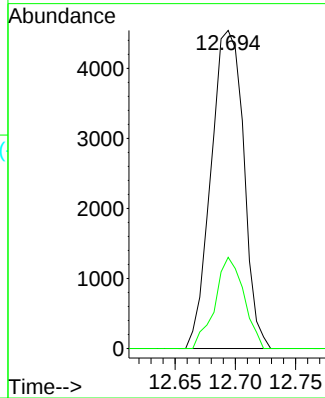
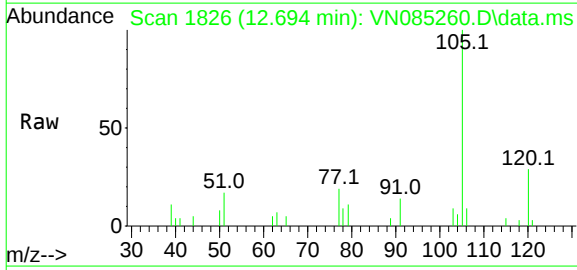
MW3-20241213DL

Tgt Ion: 105 Resp: 8555
 Ion Ratio Lower Upper
 105 100
 120 25.4 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#78

n-propylbenzene

Concen: 3.268 ug/l

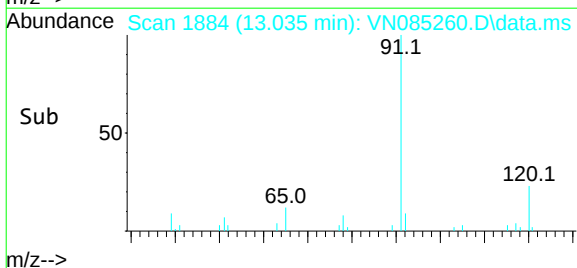
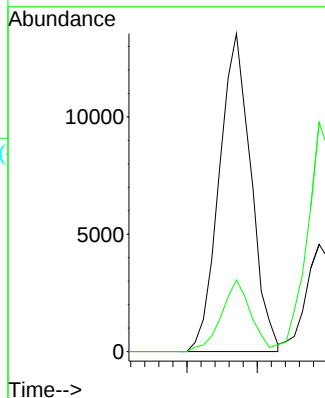
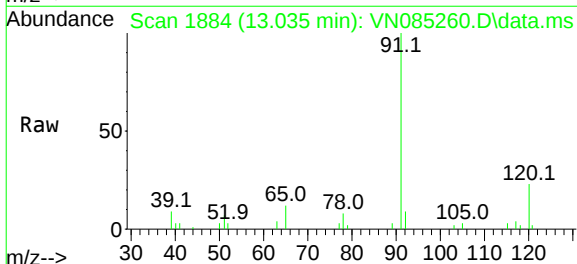
RT: 13.035 min Scan# 1884

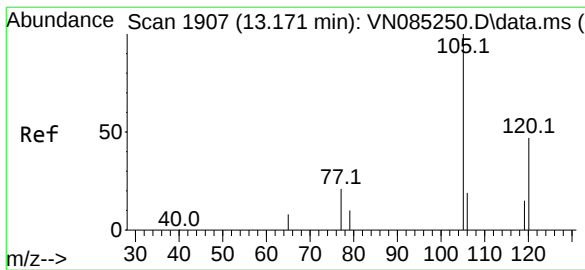
Delta R.T. -0.000 min

Lab File: VN085260.D

Acq: 18 Dec 2024 19:09

Tgt Ion: 91 Resp: 21214
 Ion Ratio Lower Upper
 91 100
 120 20.8 10.8 32.3





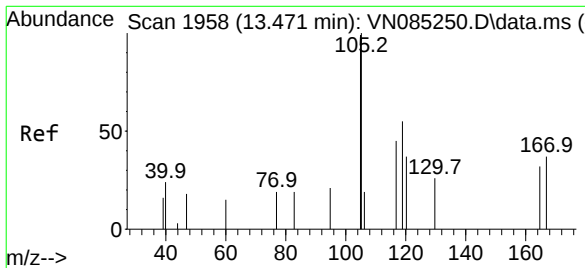
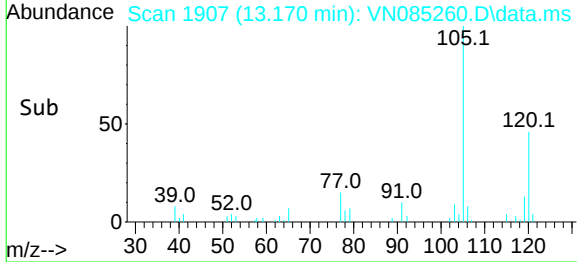
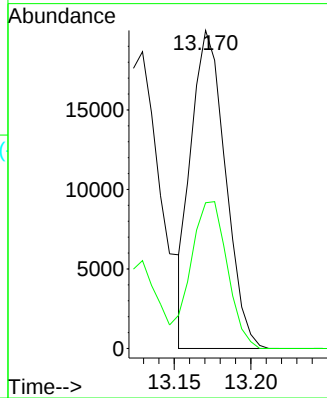
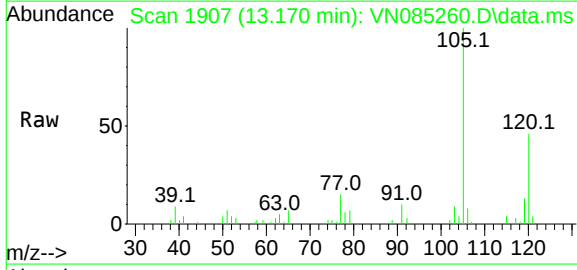
#80
1,3,5-Trimethylbenzene
Concen: 7.027 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085260.D
Acq: 18 Dec 2024 19:09

Instrument :
MSVOA_N
ClientSampleId :
MW3-20241213DL

Tgt Ion:105 Resp: 31020
Ion Ratio Lower Upper
105 100
120 49.6 23.4 70.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#84
1,2,4-Trimethylbenzene
Concen: 51.110 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN085260.D
Acq: 18 Dec 2024 19:09

Tgt Ion:105 Resp: 230613
Ion Ratio Lower Upper
105 100
120 44.4 21.8 65.3

