

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
 Data File : VN085225.D
 Acq On : 17 Dec 2024 15:32
 Operator : JC\MD
 Sample : P5270-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW14-20241212

Manual Integrations
 APPROVED

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

Quant Time: Dec 18 00:27:03 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	152662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	258754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	225161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	99846	45.915	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.840%		
35) Dibromofluoromethane	8.165	113	83826	48.039	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.080%		
50) Toluene-d8	10.565	98	302057	48.302	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.600%		
62) 4-Bromofluorobenzene	12.847	95	121603	51.998	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.000%		
Target Compounds						
						Qvalue
39) Methylcyclohexane	9.600	83	38049	15.492	ug/l	100
40) Benzene	8.606	78	7345	0.983	ug/l #	88
52) Toluene	10.629	92	3518	0.795	ug/l	96
67) Ethyl Benzene	11.965	91	146799	17.720	ug/l	99
68) m/p-Xylenes	12.076	106	5333	1.691	ug/l	99
69) o-Xylene	12.394	106	20739	6.912	ug/l	96
73) Isopropylbenzene	12.694	105	787738	108.608	ug/l	100
78) n-propylbenzene	13.035	91	829711	99.180	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	172710	28.377	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	4715449	752.680	ug/l	100
86) p-Isopropyltoluene	13.729	119	129107m	22.109	ug/l	

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

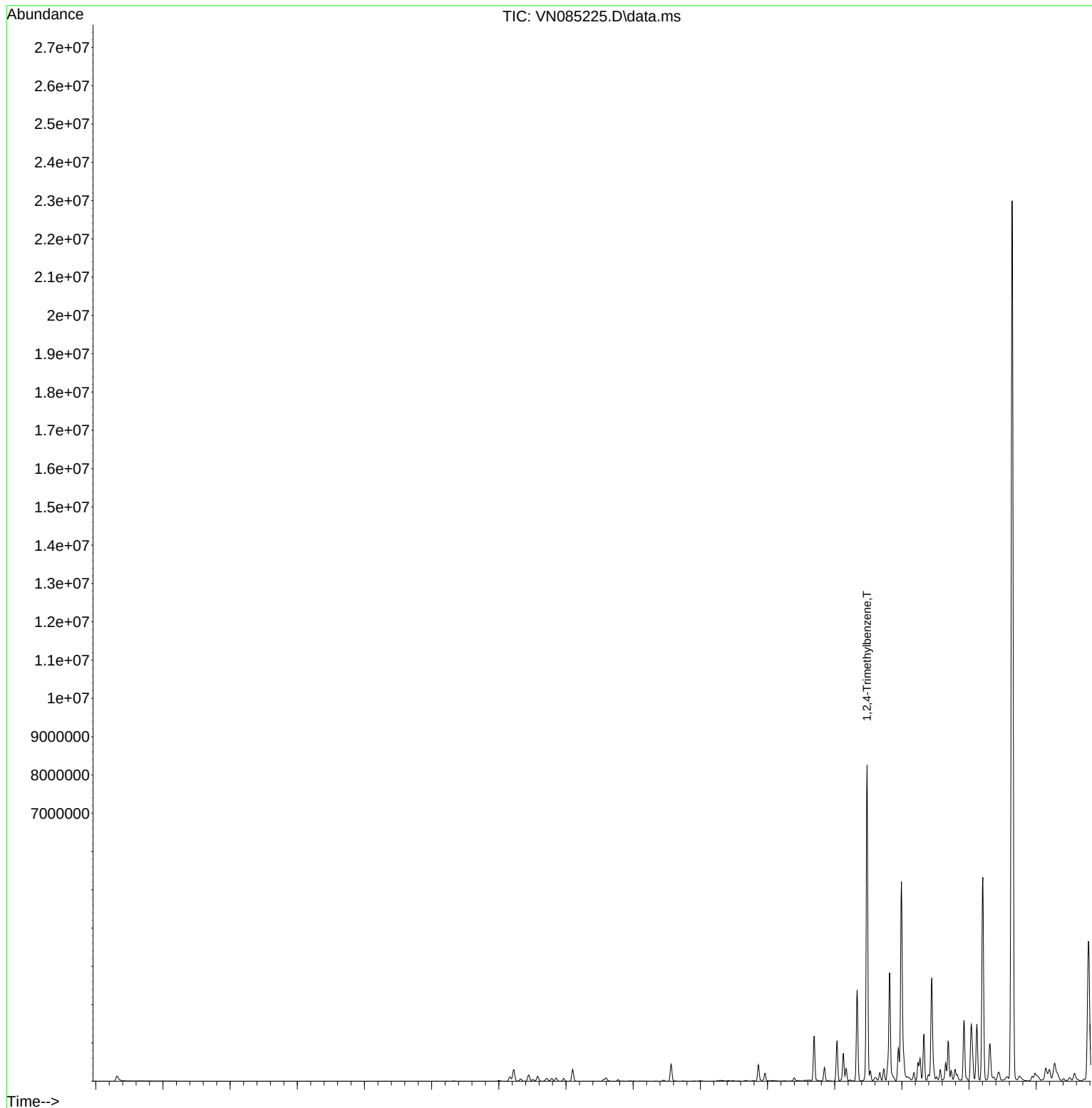
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
Data File : VN085225.D
Acq On : 17 Dec 2024 15:32
Operator : JC\MD
Sample : P5270-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

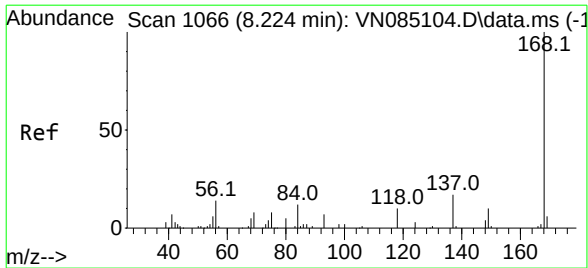
Instrument :
MSVOA_N
ClientSampleId :
MW14-20241212

Quant Time: Dec 18 00:27:03 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

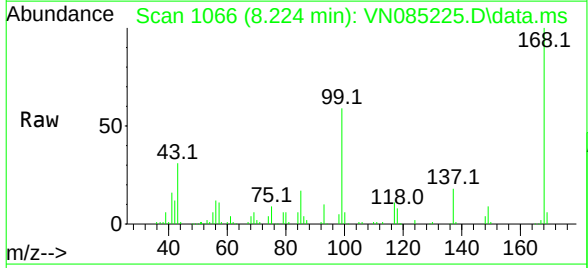
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085225.D
Acq: 17 Dec 2024 15:32

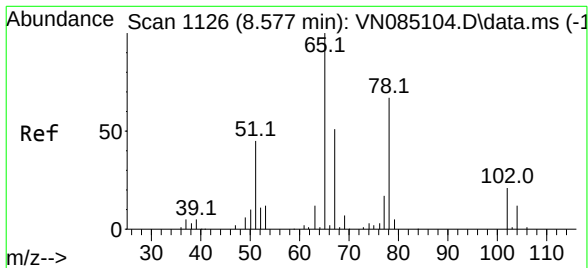
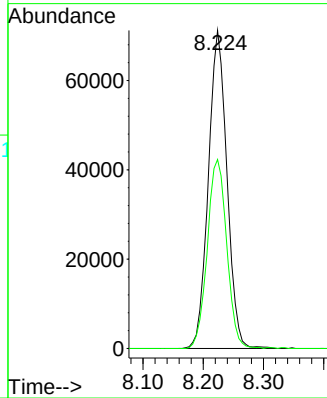
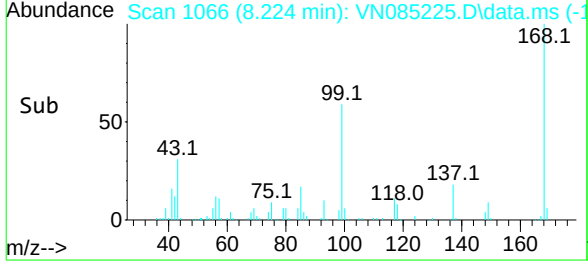
Instrument :
MSVOA_N
ClientSampleId :
MW14-20241212



Tgt Ion: 168 Resp: 152662
Ion Ratio Lower Upper
168 100
99 59.4 51.2 76.8

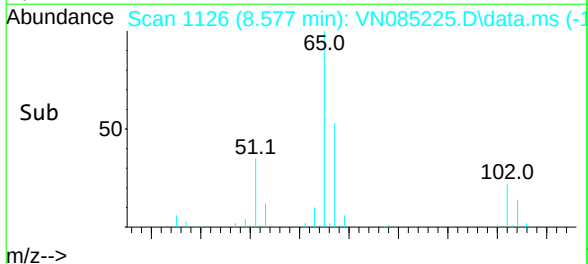
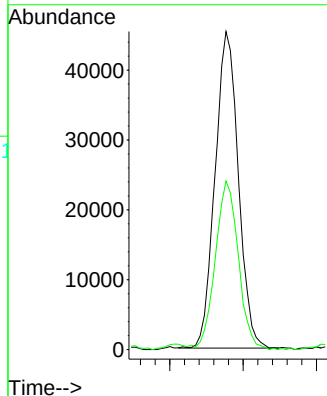
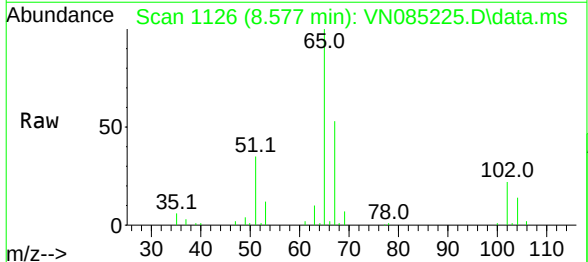
Manual Integrations
APPROVED

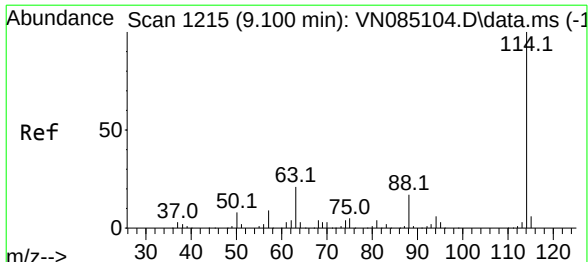
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#33
1,2-Dichloroethane-d4
Concen: 45.915 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085225.D
Acq: 17 Dec 2024 15:32

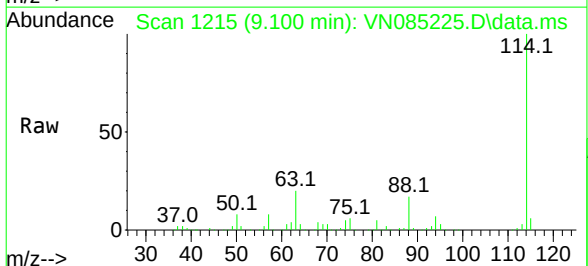
Tgt Ion: 65 Resp: 99846
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085225.D
Acq: 17 Dec 2024 15:32

Instrument :
MSVOA_N
ClientSampleId :
MW14-20241212

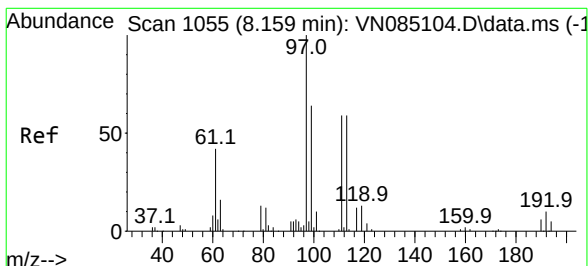
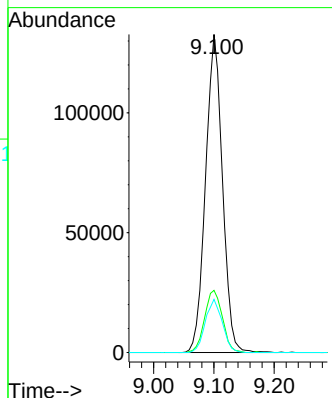
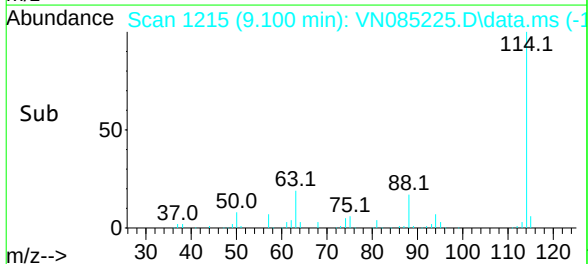


Tgt Ion:114 Resp: 258754

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	41.0
88	16.7	0.0	34.8

Manual Integrations
APPROVED

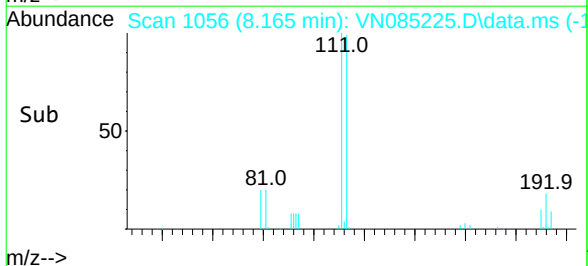
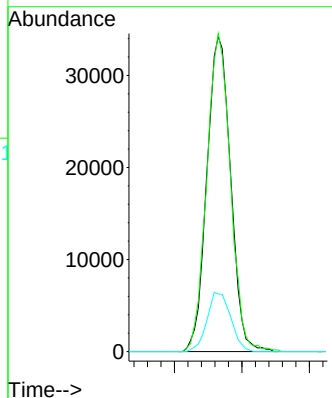
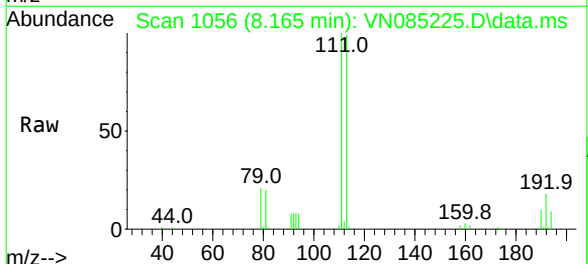
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

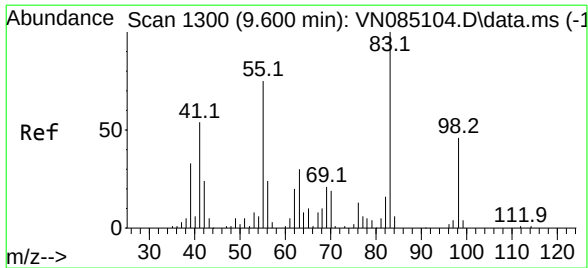


#35
Dibromofluoromethane
Concen: 48.039 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085225.D
Acq: 17 Dec 2024 15:32

Tgt Ion:113 Resp: 83826

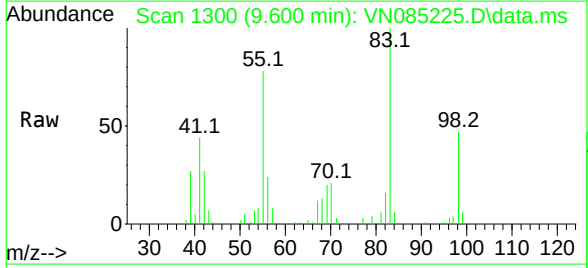
Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.0	123.0
192	18.7	14.8	22.2





#39
Methylcyclohexane
Concen: 15.492 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VN085225.D
Acq: 17 Dec 2024 15:32

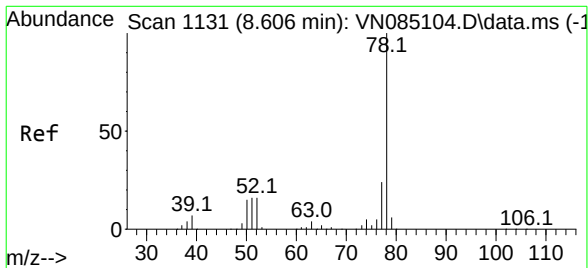
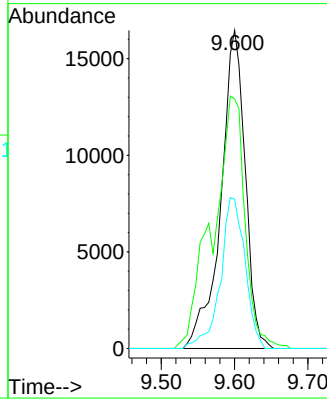
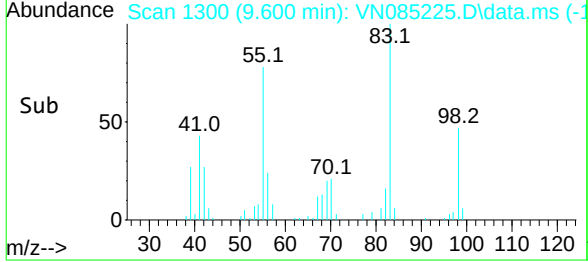
Instrument : MSVOA_N
ClientSampleId : MW14-20241212



Tgt Ion: 83 Resp: 38049
Ion Ratio Lower Upper
83 100
55 77.2 61.8 92.6
98 46.9 37.0 55.6

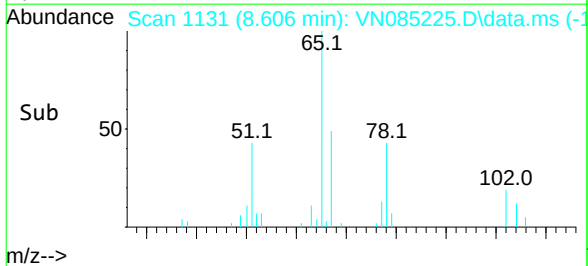
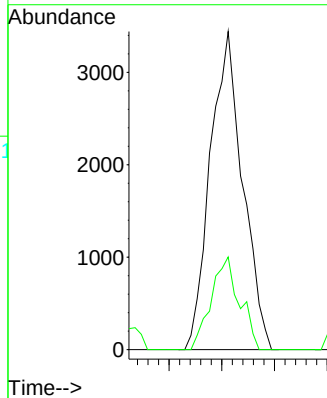
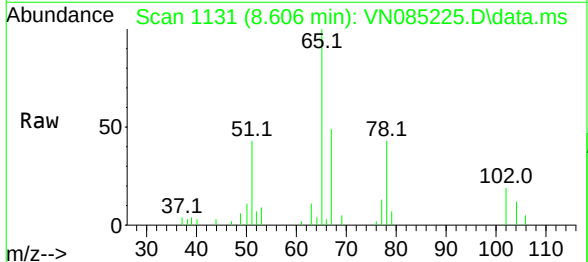
Manual Integrations
APPROVED

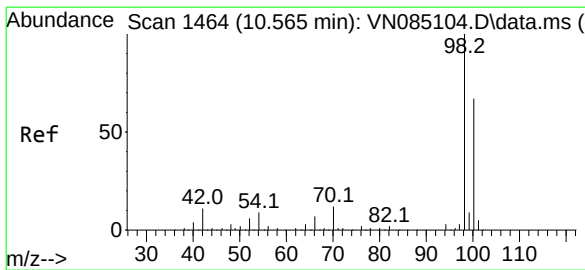
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#40
Benzene
Concen: 0.983 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085225.D
Acq: 17 Dec 2024 15:32

Tgt Ion: 78 Resp: 7345
Ion Ratio Lower Upper
78 100
77 29.1 18.5 27.7#





#50

Toluene-d8

Concen: 48.302 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085225.D

Acq: 17 Dec 2024 15:32

Instrument :

MSVOA_N

ClientSampleId :

MW14-20241212

Tgt Ion: 98 Resp: 302057

Ion Ratio Lower Upper

98 100

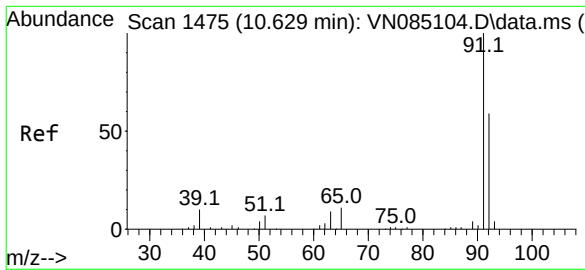
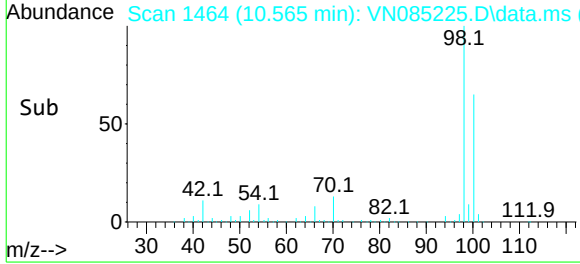
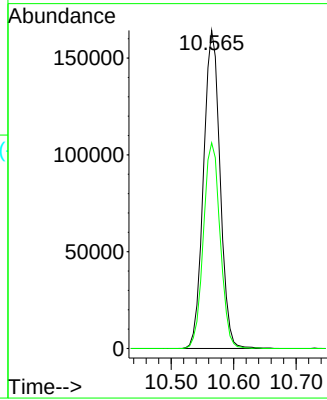
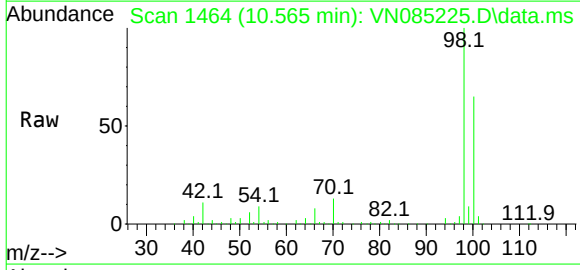
100 65.5 52.5 78.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#52

Toluene

Concen: 0.795 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VN085225.D

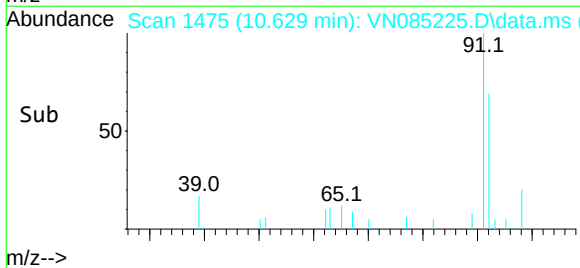
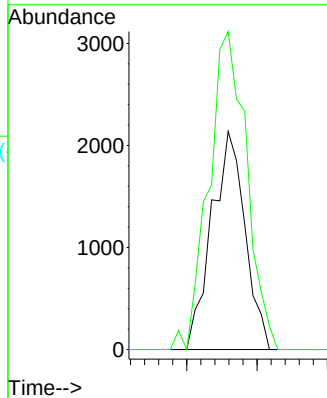
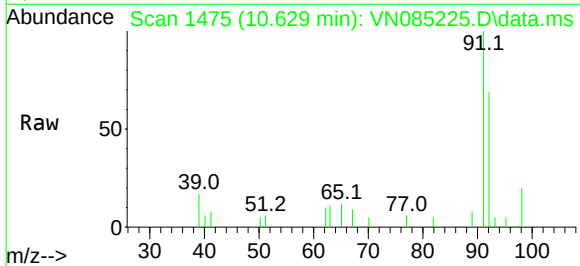
Acq: 17 Dec 2024 15:32

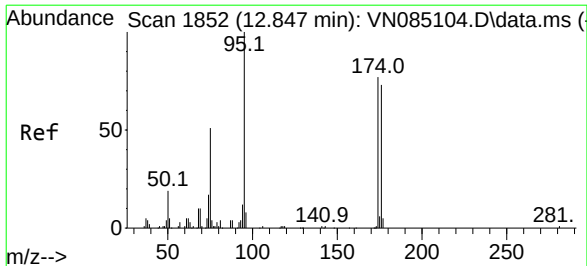
Tgt Ion: 92 Resp: 3518

Ion Ratio Lower Upper

92 100

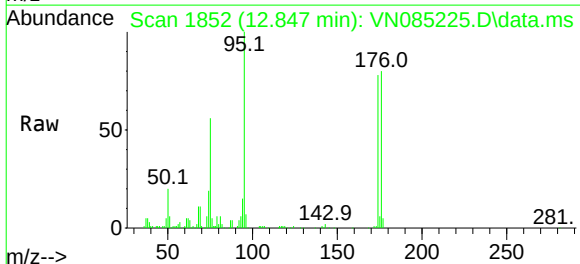
91 165.7 136.7 205.1





#62
4-Bromofluorobenzene
Concen: 51.998 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085225.D
Acq: 17 Dec 2024 15:32

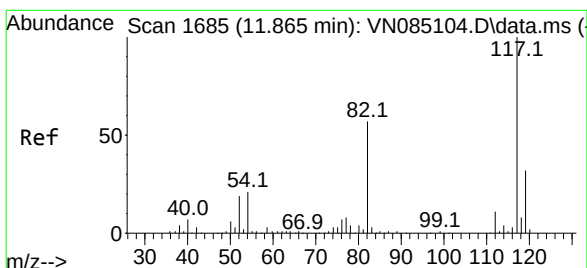
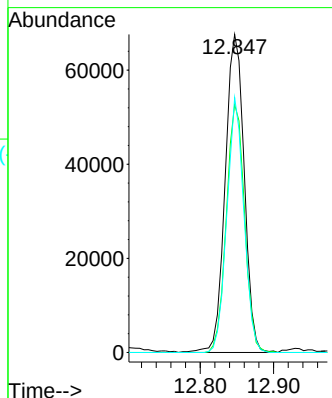
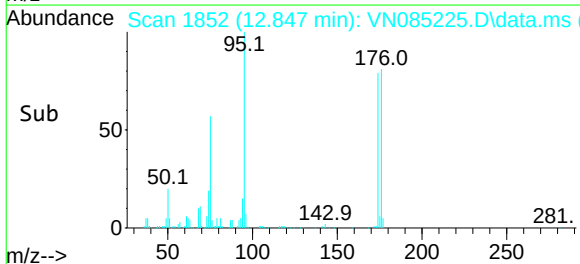
Instrument :
MSVOA_N
ClientSampleId :
MW14-20241212



Tgt Ion: 95 Resp: 121603
Ion Ratio Lower Upper
95 100
174 74.6 0.0 146.6
176 71.7 0.0 141.8

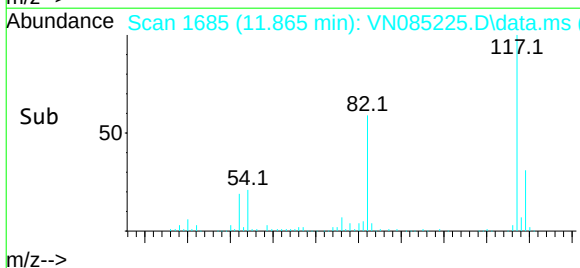
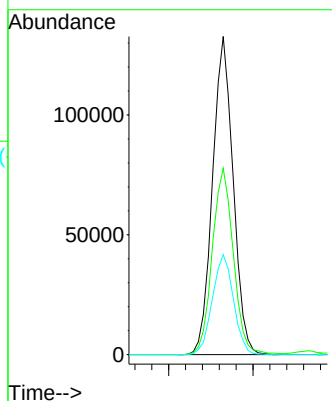
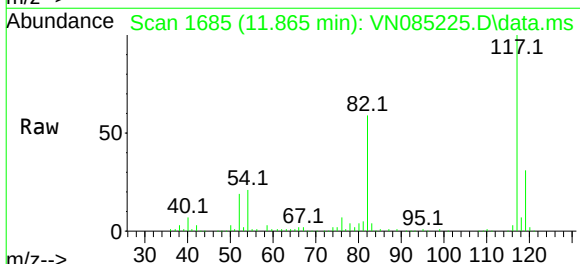
Manual Integrations
APPROVED

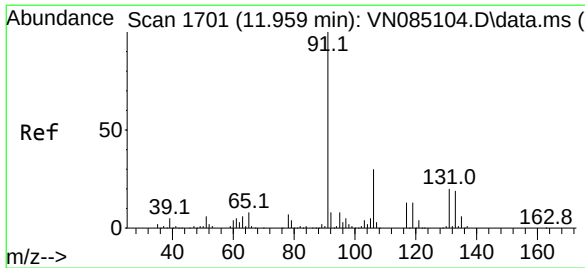
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085225.D
Acq: 17 Dec 2024 15:32

Tgt Ion:117 Resp: 225161
Ion Ratio Lower Upper
117 100
82 58.6 46.0 69.0
119 31.4 25.6 38.4





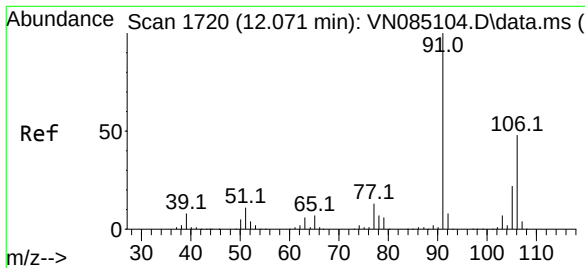
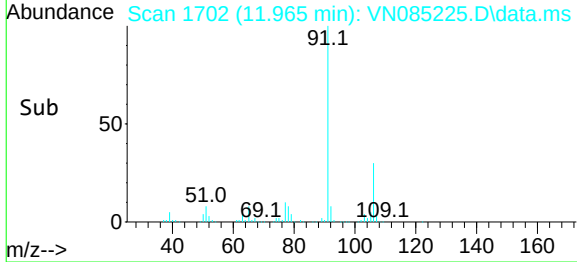
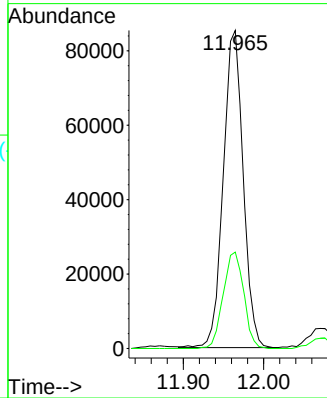
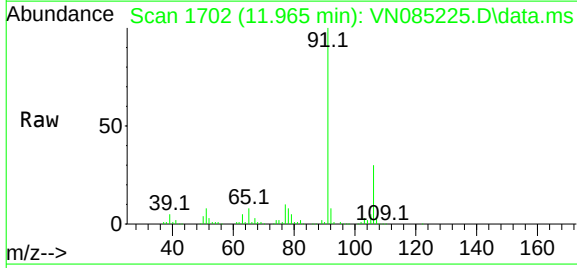
#67
Ethyl Benzene
Concen: 17.720 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085225.D
Acq: 17 Dec 2024 15:32

Instrument :
MSVOA_N
ClientSampleId :
MW14-20241212

Tgt Ion: 91 Resp: 146799
Ion Ratio Lower Upper
91 100
106 30.4 24.7 37.1

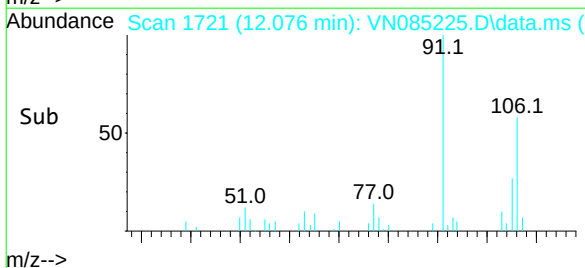
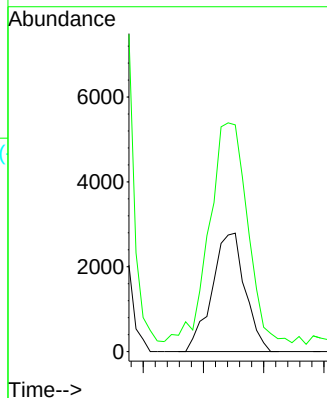
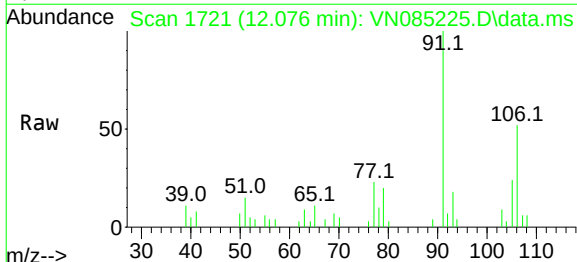
Manual Integrations
APPROVED

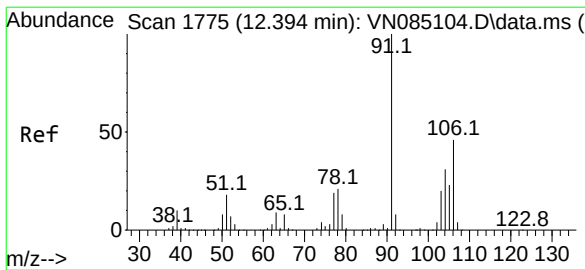
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#68
m/p-Xylenes
Concen: 1.691 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN085225.D
Acq: 17 Dec 2024 15:32

Tgt Ion:106 Resp: 5333
Ion Ratio Lower Upper
106 100
91 212.1 168.0 252.0





#69

o-Xylene

Concen: 6.912 ug/l

RT: 12.394 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN085225.D

Acq: 17 Dec 2024 15:32

Instrument :

MSVOA_N

ClientSampleId :

MW14-20241212

Tgt Ion:106 Resp: 20739

Ion Ratio Lower Upper

106 100

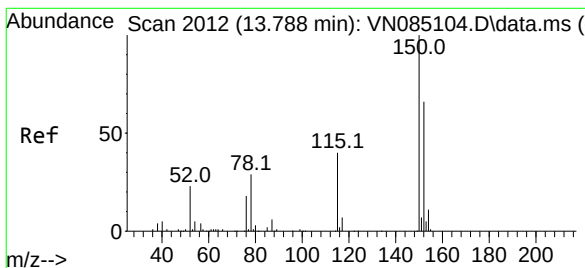
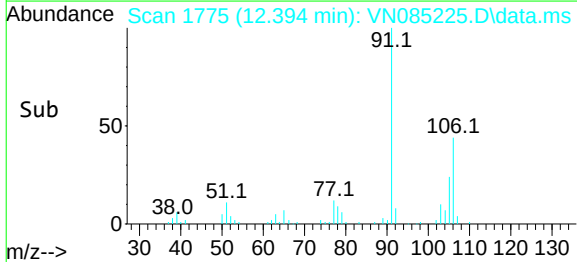
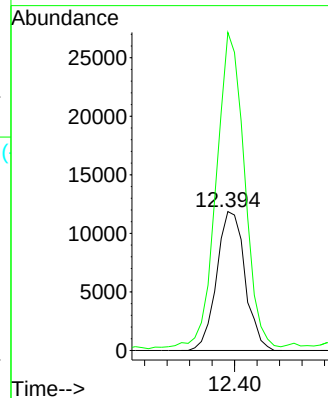
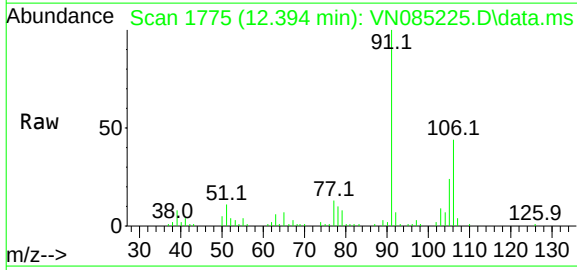
91 228.0 110.7 331.9

Manual Integrations

APPROVED

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: VN085225.D

Acq: 17 Dec 2024 15:32

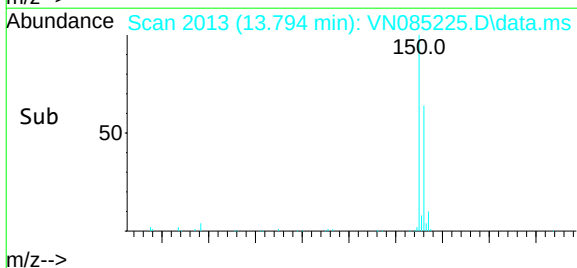
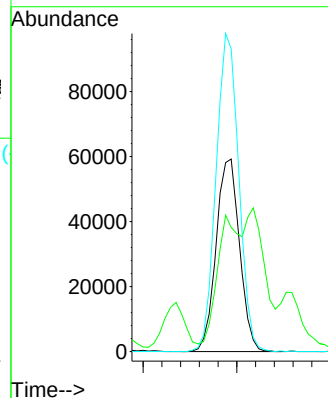
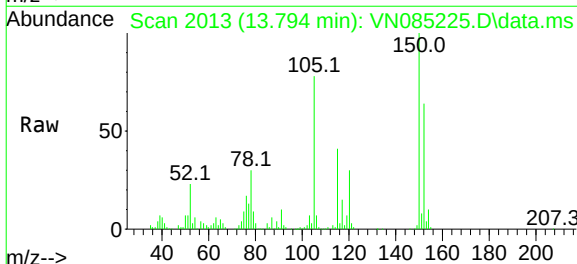
Tgt Ion:152 Resp: 102812

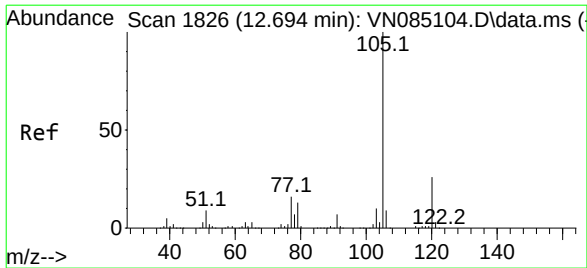
Ion Ratio Lower Upper

152 100

115 66.8 31.7 95.1

150 160.1 0.0 351.4





#73

Isopropylbenzene

Concen: 108.608 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085225.D

Acq: 17 Dec 2024 15:32

Instrument :

MSVOA_N

ClientSampleId :

MW14-20241212

Tgt Ion:105 Resp: 787738

Ion Ratio Lower Upper

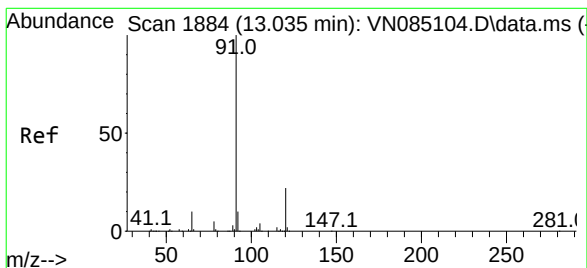
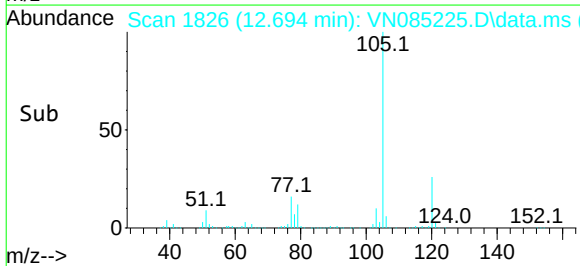
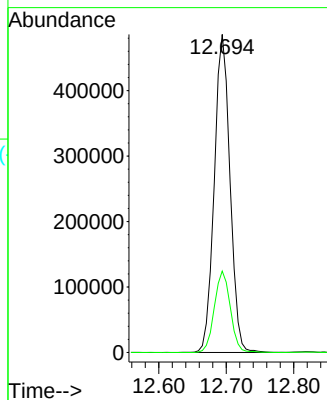
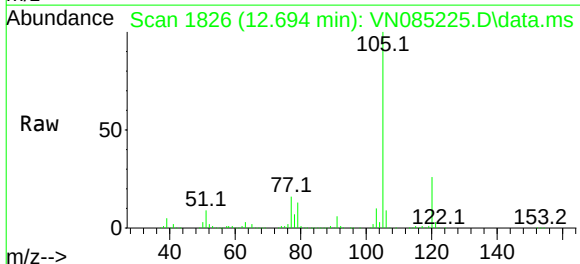
105 100

120 26.0 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: 99.180 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN085225.D

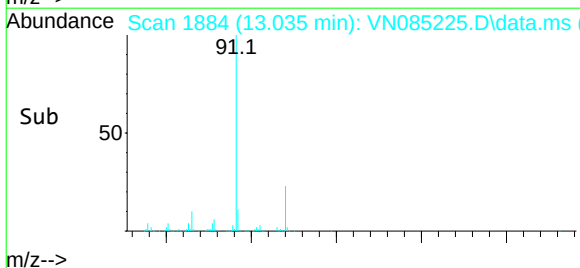
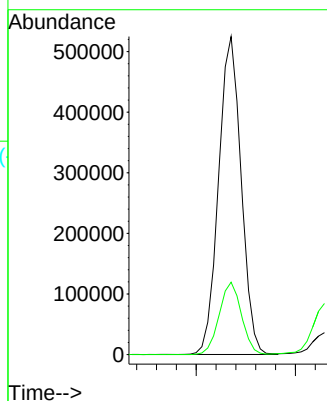
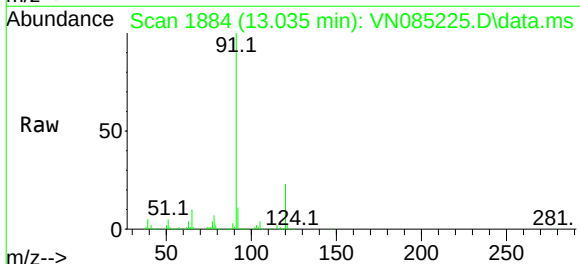
Acq: 17 Dec 2024 15:32

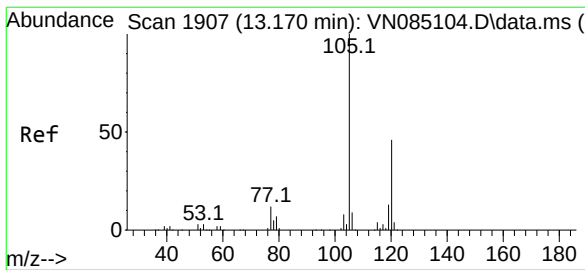
Tgt Ion: 91 Resp: 829711

Ion Ratio Lower Upper

91 100

120 22.5 11.3 33.9





#80

1,3,5-Trimethylbenzene

Concen: 28.377 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085225.D

Acq: 17 Dec 2024 15:32

Instrument :

MSVOA_N

ClientSampleId :

MW14-20241212

Tgt Ion:105 Resp: 172710

Ion Ratio Lower Upper

105 100

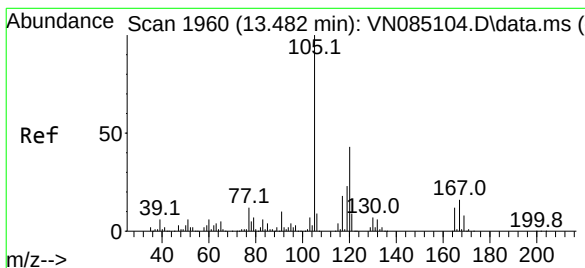
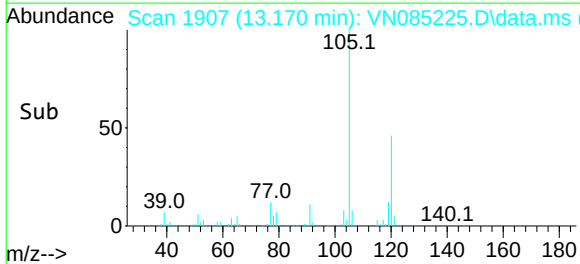
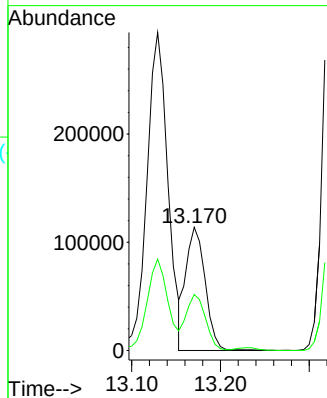
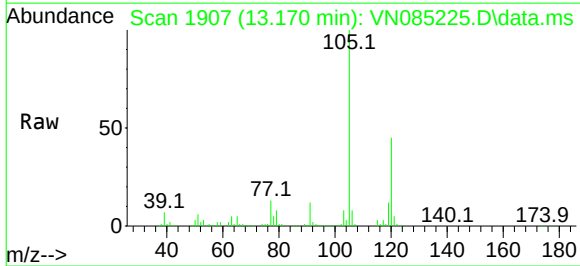
120 44.7 23.6 71.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#84

1,2,4-Trimethylbenzene

Concen: 752.680 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN085225.D

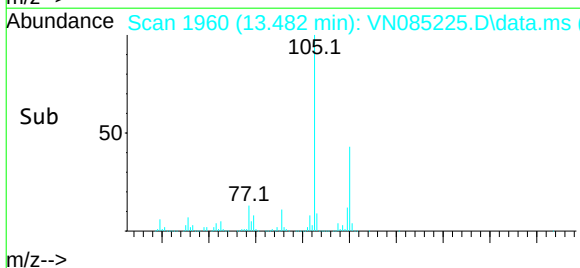
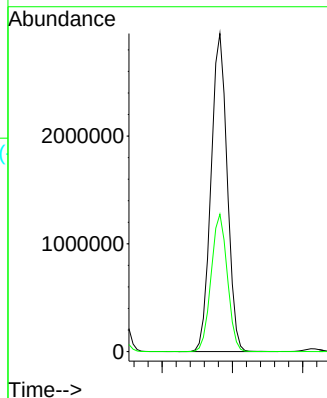
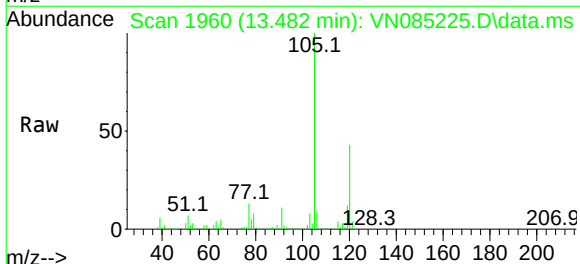
Acq: 17 Dec 2024 15:32

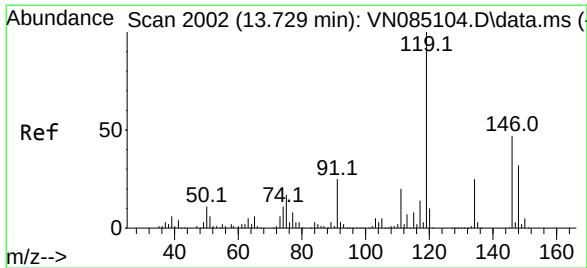
Tgt Ion:105 Resp: 4715449

Ion Ratio Lower Upper

105 100

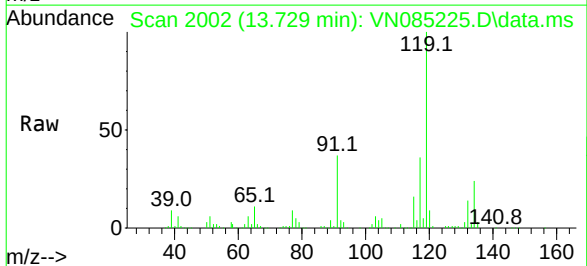
120 43.4 21.8 65.4





#86
 p-Isopropyltoluene
 Concen: 22.109 ug/l m
 RT: 13.729 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN085225.D
 Acq: 17 Dec 2024 15:32

Instrument :
 MSVOA_N
 ClientSampleId :
 MW14-20241212



Tgt	Ion:119	Resp:	129107
Ion	Ratio	Lower	Upper
119	100		
134	22.7	13.0	39.0
91	20.2	12.8	38.4

Manual Integrations
 APPROVED

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

