

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
 Data File : VN085200.D
 Acq On : 13 Dec 2024 16:39
 Operator : JC\MD
 Sample : P5270-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW12-20241212

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2024
 Supervised By :Mahesh Dadoda 12/16/2024

Quant Time: Dec 16 03:55:04 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	145239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	256201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113617	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104923	50.716	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.440%			
35) Dibromofluoromethane	8.165	113	86369	49.990	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.980%			
50) Toluene-d8	10.565	98	322297	52.052	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.100%			
62) 4-Bromofluorobenzene	12.847	95	126534	54.646	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.300%			
Target Compounds						
						Qvalue
39) Methylcyclohexane	9.600	83	70230	28.880	ug/l	95
40) Benzene	8.600	78	33750	4.560	ug/l	96
44) Trichloroethene	9.347	130	972	0.565	ug/l	64
52) Toluene	10.629	92	10557	2.409	ug/l	96
67) Ethyl Benzene	11.959	91	2639927	298.541	ug/l	99
68) m/p-Xylenes	12.071	106	55485	16.481	ug/l	98
69) o-Xylene	12.394	106	50027	15.621	ug/l	100
73) Isopropylbenzene	12.694	105	763403	95.243	ug/l	99
78) n-propylbenzene	13.029	91	1008573	109.095	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	272248	40.478	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	2410532	348.177	ug/l	100
85) sec-Butylbenzene	13.612	105	36766m	4.703	ug/l	
86) p-Isopropyltoluene	13.723	119	61989m	9.606	ug/l	
89) n-Butylbenzene	14.053	91	66559m	11.091	ug/l	

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

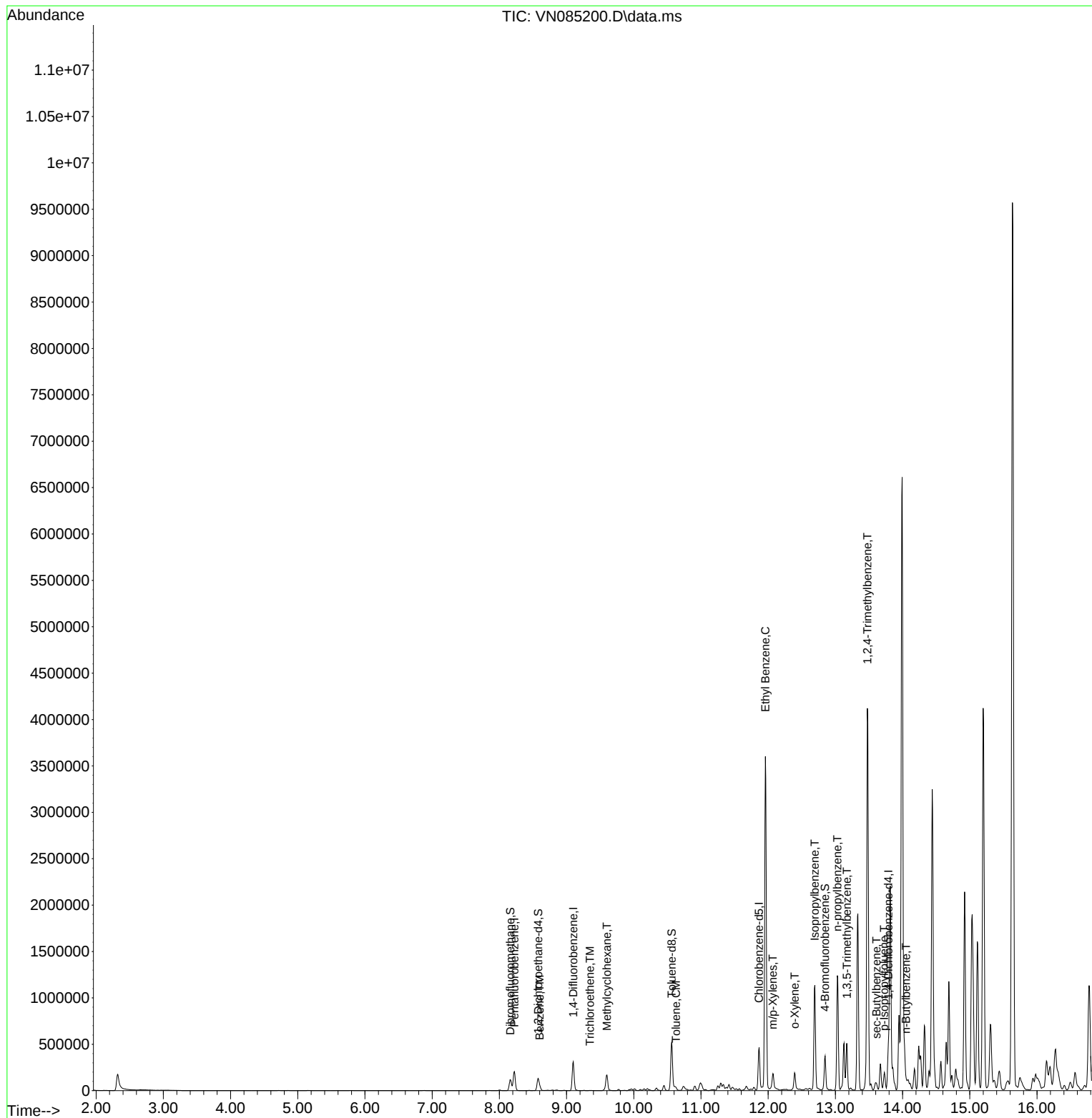
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
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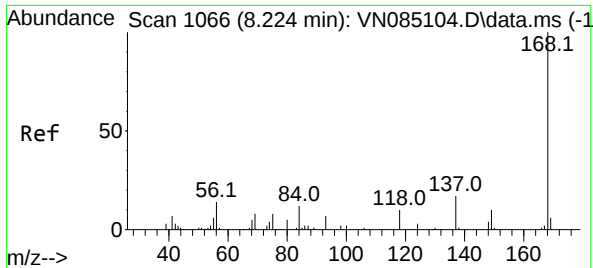
Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085200.D
Acq: 13 Dec 2024 16:39

Instrument :

MSVOA_N

ClientSampleId :

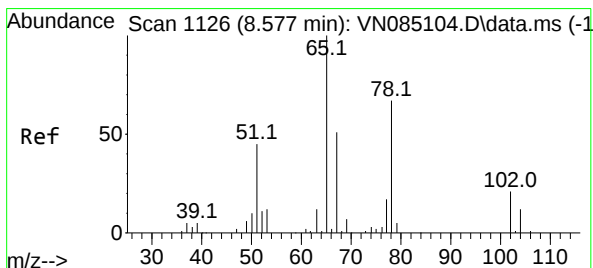
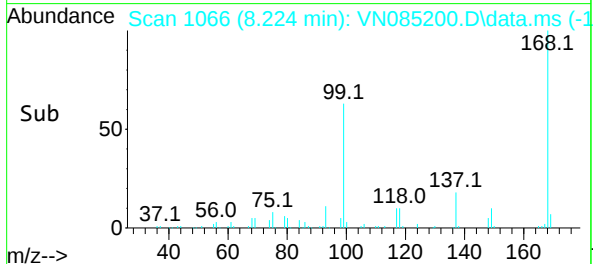
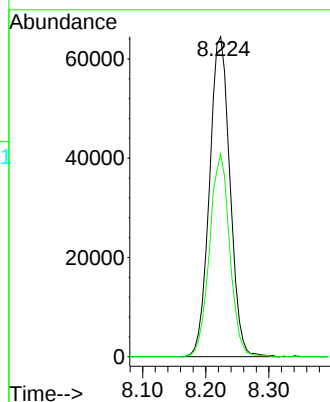
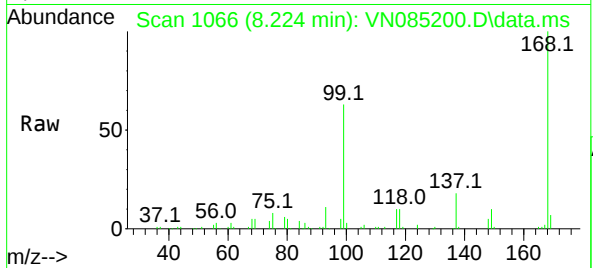
MW12-20241212

Tgt Ion:168 Resp: 145239
Ion Ratio Lower Upper
168 100
99 63.2 51.2 76.8

Manual Integrations

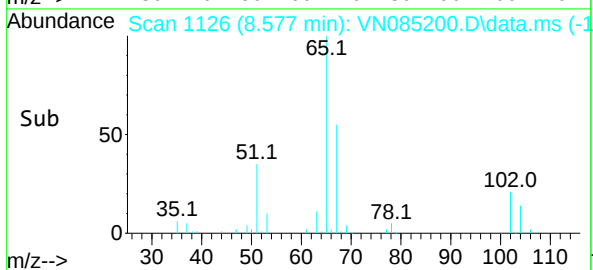
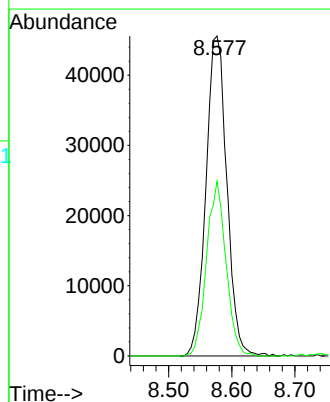
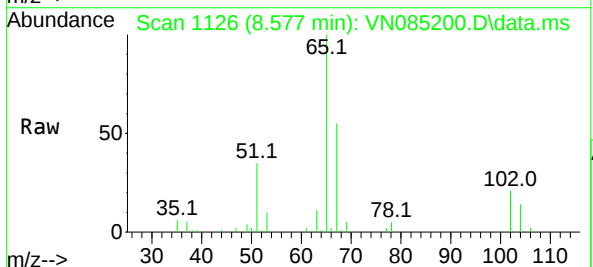
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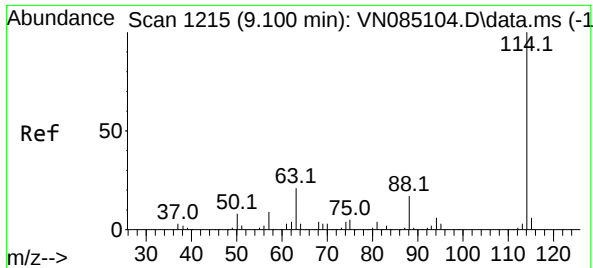
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#33
1,2-Dichloroethane-d4
Concen: 50.716 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085200.D
Acq: 13 Dec 2024 16:39

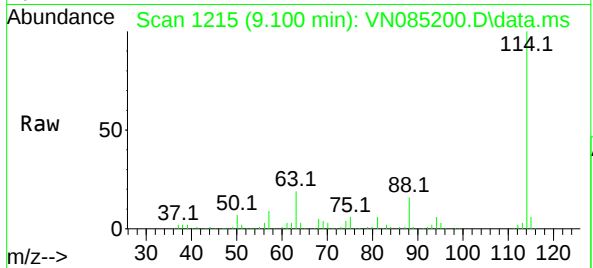
Tgt Ion: 65 Resp: 104923
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085200.D
Acq: 13 Dec 2024 16:39

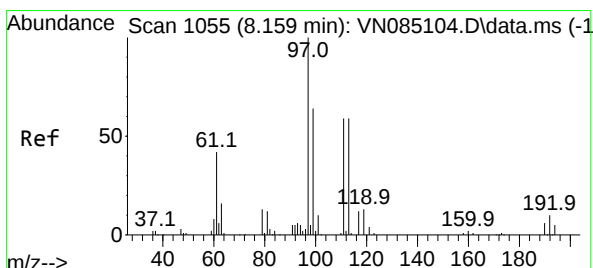
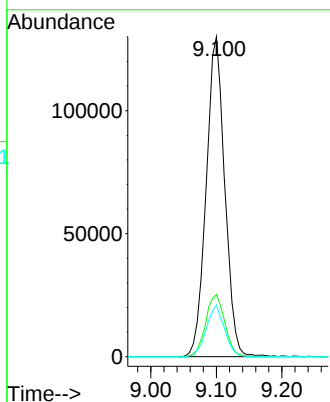
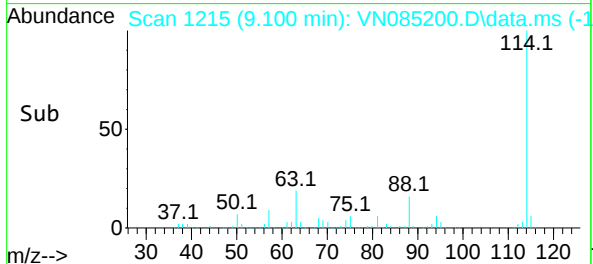
Instrument :
MSVOA_N
ClientSampleId :
MW12-20241212



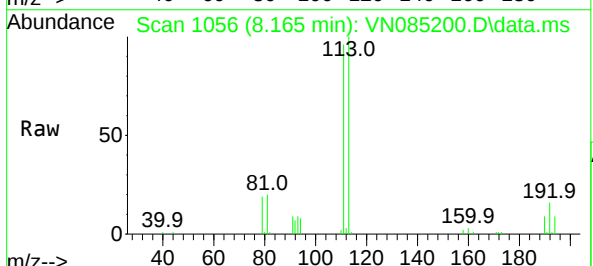
Tgt Ion:114 Resp: 25620
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.0
88 16.2 0.0 34.8

Manual Integrations
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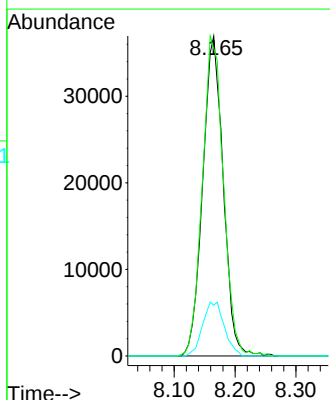
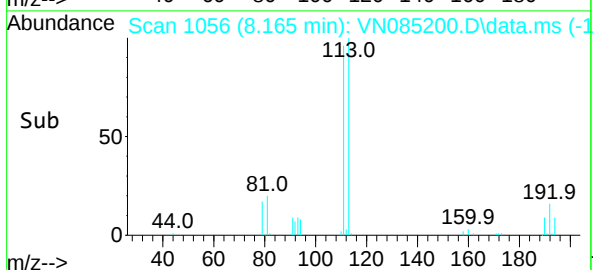
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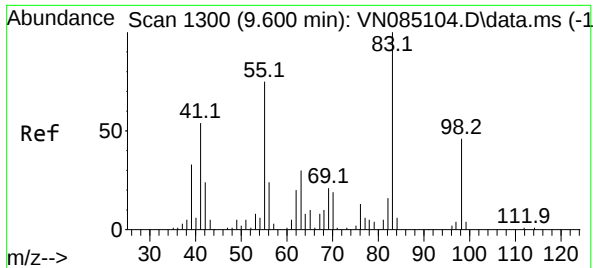


#35
Dibromofluoromethane
Concen: 49.990 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085200.D
Acq: 13 Dec 2024 16:39



Tgt Ion:113 Resp: 86369
Ion Ratio Lower Upper
113 100
111 102.9 82.0 123.0
192 17.8 14.8 22.2





#39
Methylcyclohexane
Concen: 28.880 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN085200.D
Acq: 13 Dec 2024 16:39

Instrument :

MSVOA_N

ClientSampleId :

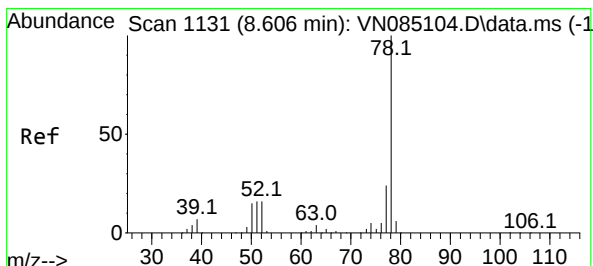
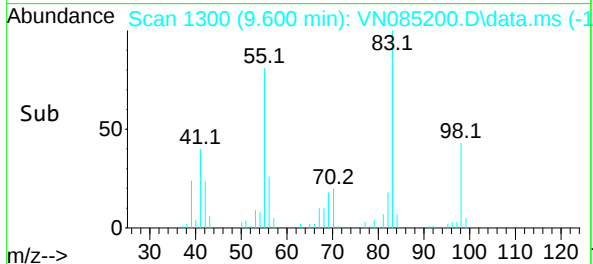
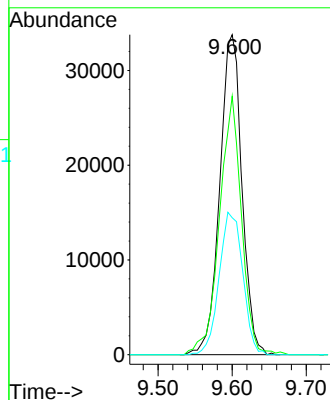
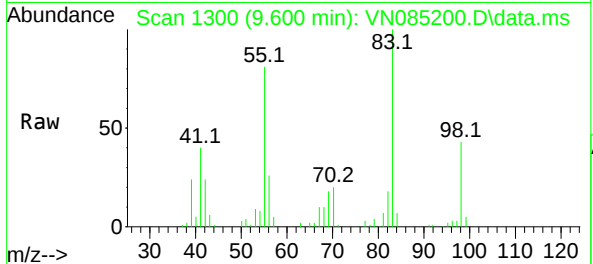
MW12-20241212

Tgt Ion: 83 Resp: 70230
Ion Ratio Lower Upper
83 100
55 80.7 61.8 92.6
98 42.8 37.0 55.6

Manual Integrations

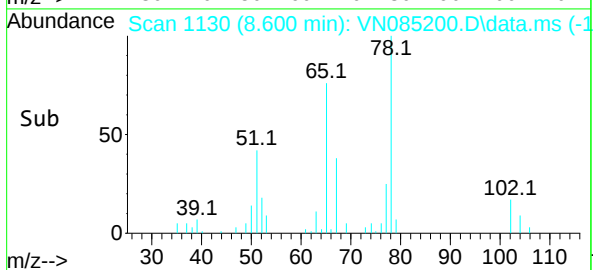
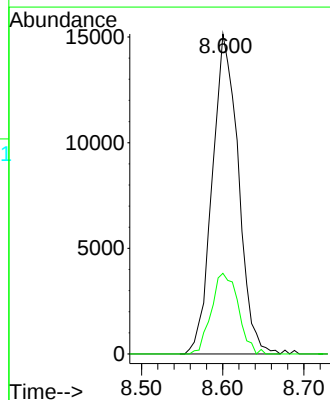
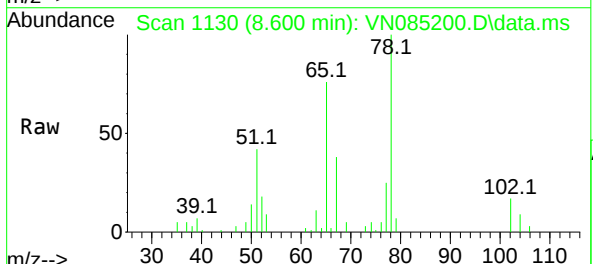
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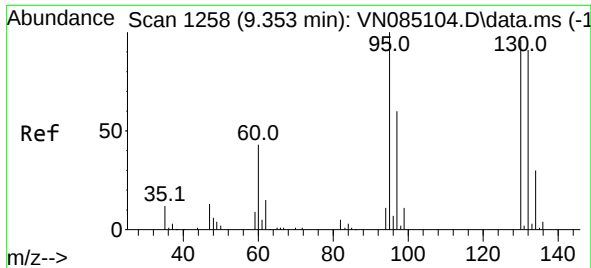
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#40
Benzene
Concen: 4.560 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085200.D
Acq: 13 Dec 2024 16:39

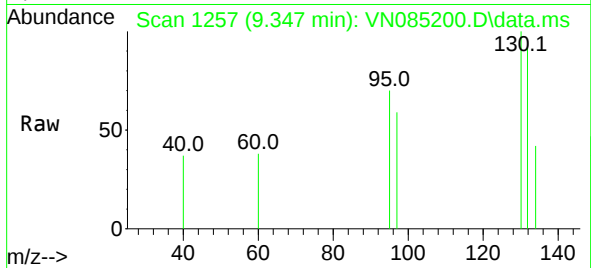
Tgt Ion: 78 Resp: 33750
Ion Ratio Lower Upper
78 100
77 25.2 18.5 27.7





#44
Trichloroethene
Concen: 0.565 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085200.D
Acq: 13 Dec 2024 16:39

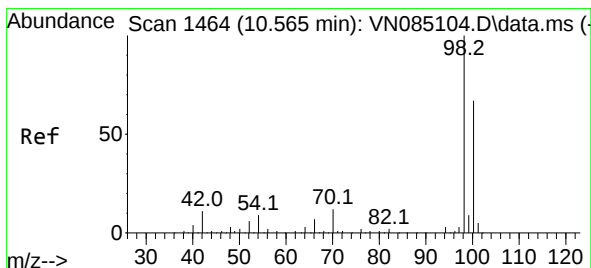
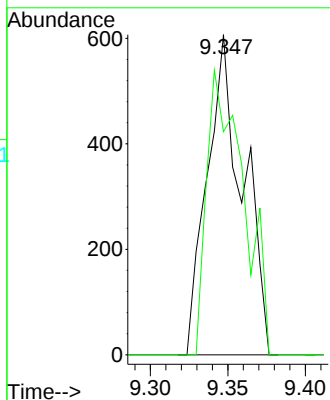
Instrument :
MSVOA_N
ClientSampleId :
MW12-20241212



Tgt Ion:130 Resp: 972
Ion Ratio Lower Upper
130 100
95 69.7 0.0 213.4

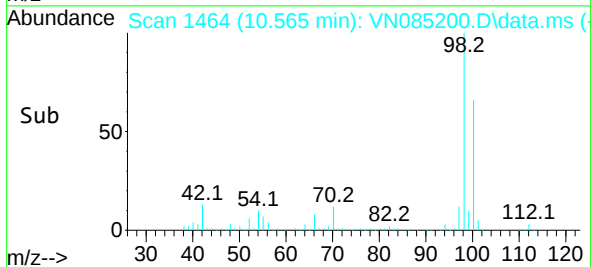
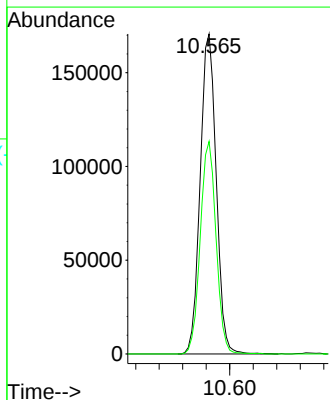
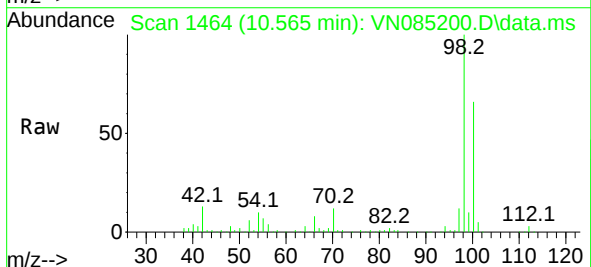
Manual Integrations
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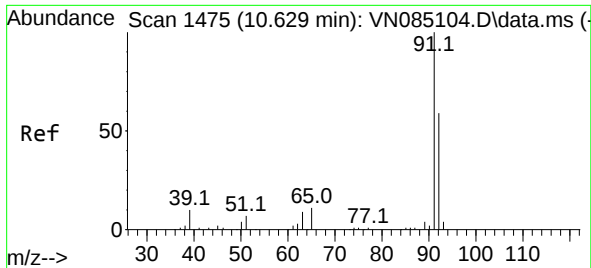
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#50
Toluene-d8
Concen: 52.052 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085200.D
Acq: 13 Dec 2024 16:39

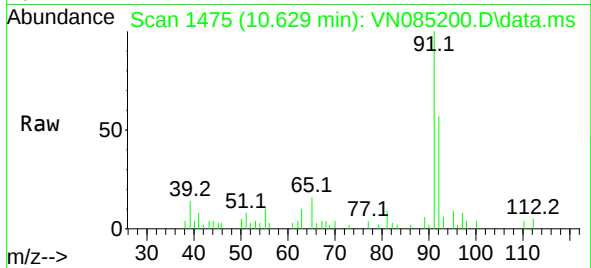
Tgt Ion: 98 Resp: 322297
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7





#52
Toluene
Concen: 2.409 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085200.D
Acq: 13 Dec 2024 16:39

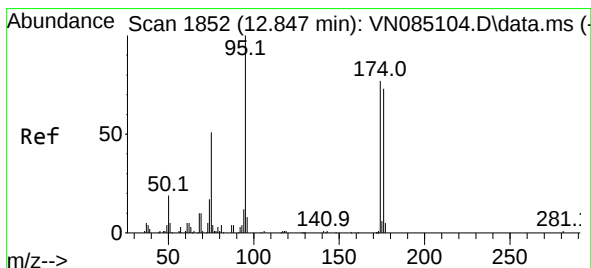
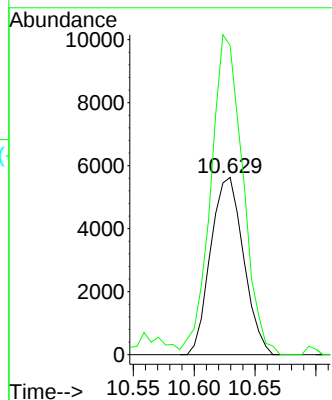
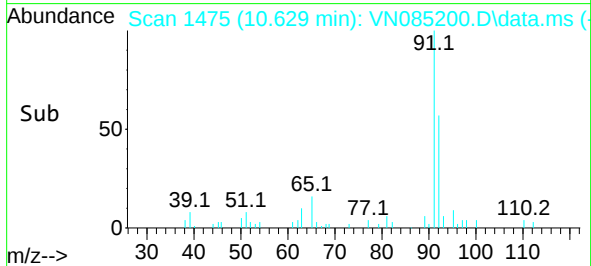
Instrument :
MSVOA_N
ClientSampleId :
MW12-20241212



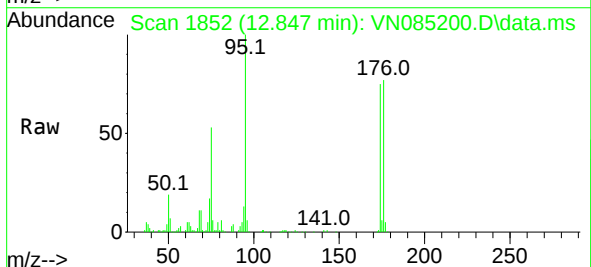
Tgt Ion: 92 Resp: 1055
Ion Ratio Lower Upper
92 100
91 175.8 136.7 205.1

Manual Integrations
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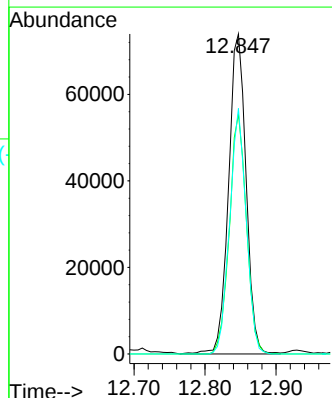
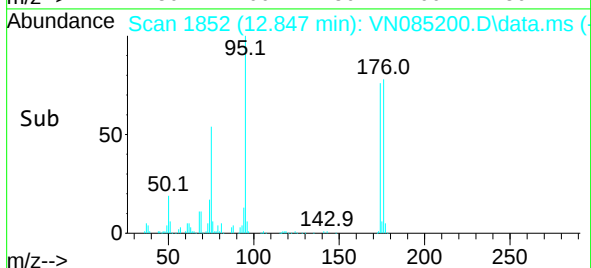
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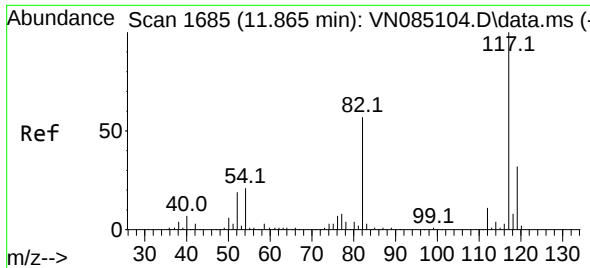


#62
4-Bromofluorobenzene
Concen: 54.646 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085200.D
Acq: 13 Dec 2024 16:39



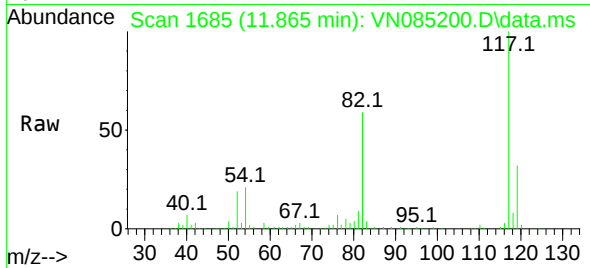
Tgt Ion: 95 Resp: 126534
Ion Ratio Lower Upper
95 100
174 73.0 0.0 146.6
176 72.5 0.0 141.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VN085200.D
Acq: 13 Dec 2024 16:39

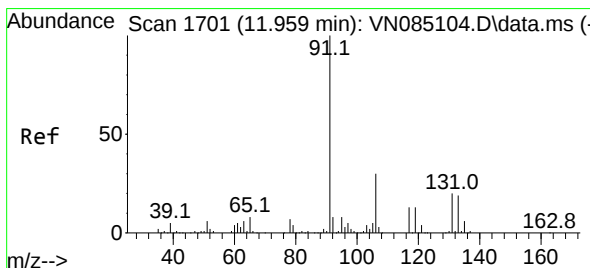
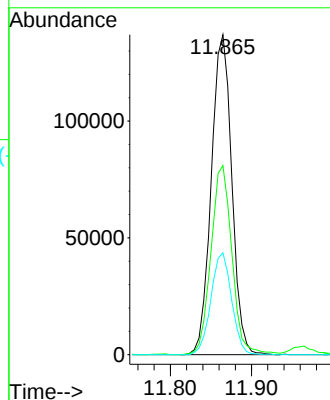
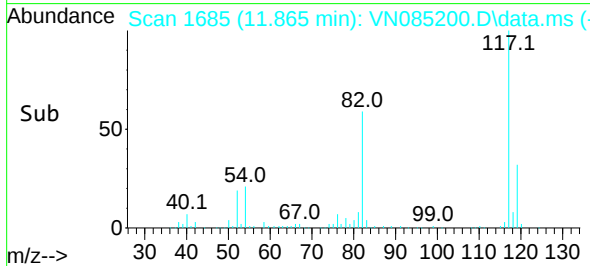
Instrument :
MSVOA_N
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MW12-20241212



Tgt Ion:117 Resp: 240334
Ion Ratio Lower Upper
117 100
82 59.1 46.0 69.0
119 31.8 25.6 38.4

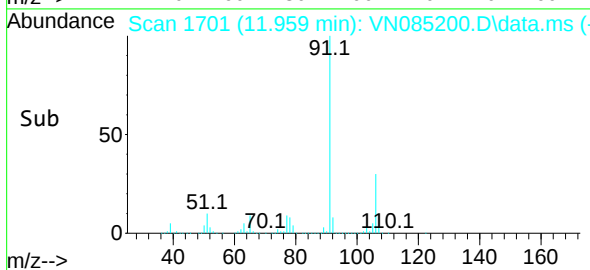
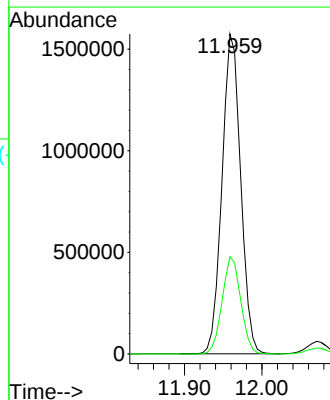
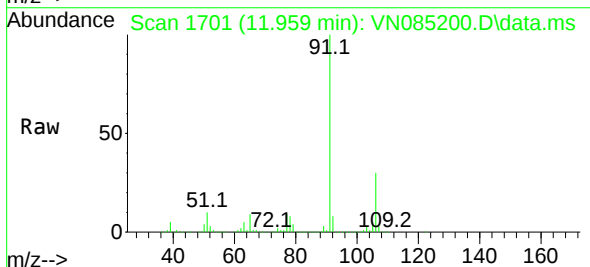
Manual Integrations
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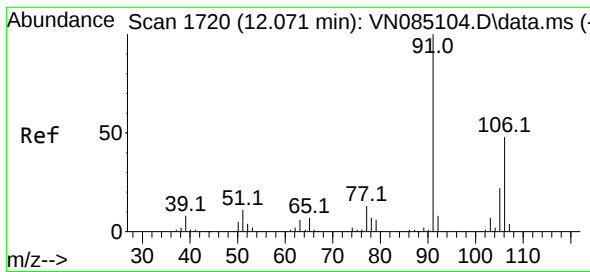
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#67
Ethyl Benzene
Concen: 298.541 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085200.D
Acq: 13 Dec 2024 16:39

Tgt Ion: 91 Resp: 2639927
Ion Ratio Lower Upper
91 100
106 30.4 24.7 37.1





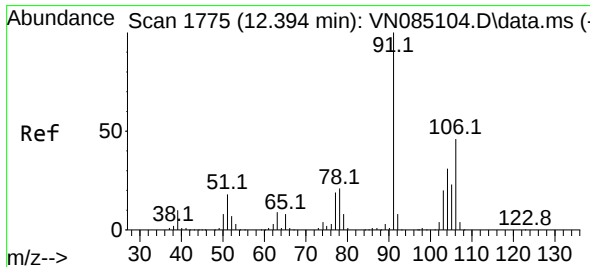
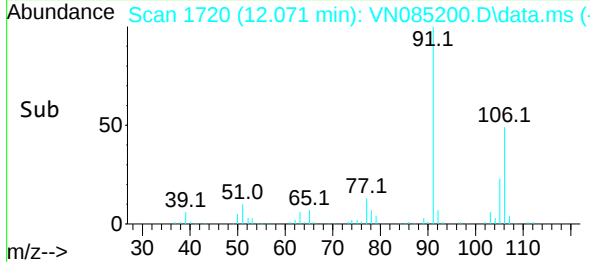
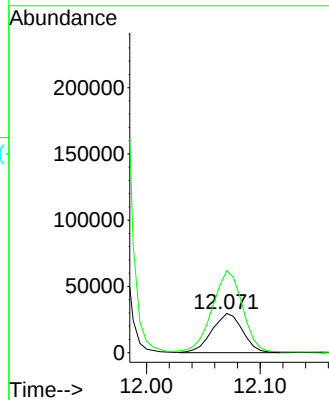
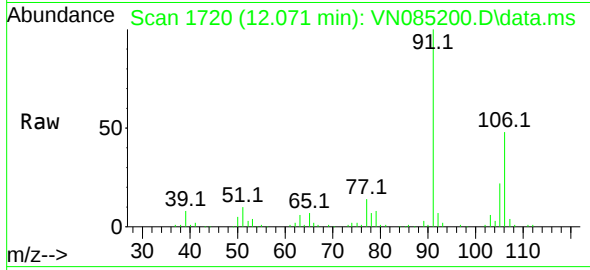
#68
m/p-Xylenes
Concen: 16.481 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085200.D
Acq: 13 Dec 2024 16:39

Instrument :
MSVOA_N
ClientSampleId :
MW12-20241212

Tgt Ion:106 Resp: 55489
Ion Ratio Lower Upper
106 100
91 206.2 168.0 252.0

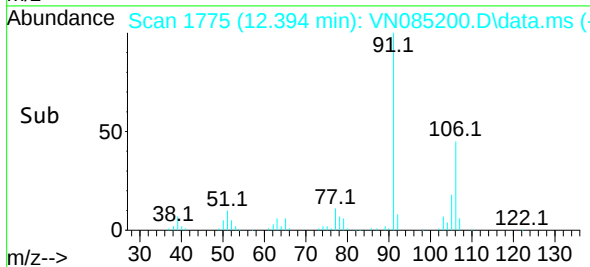
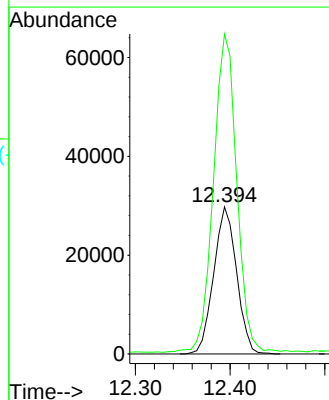
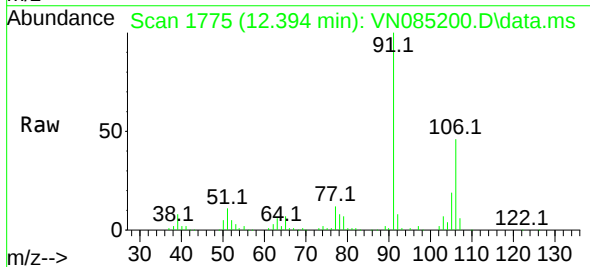
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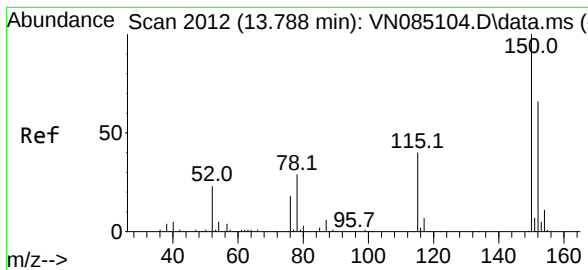
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#69
o-Xylene
Concen: 15.621 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085200.D
Acq: 13 Dec 2024 16:39

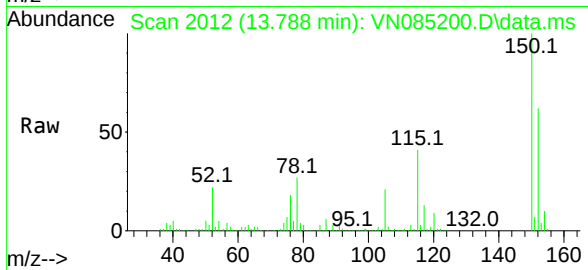
Tgt Ion:106 Resp: 50027
Ion Ratio Lower Upper
106 100
91 220.7 110.7 331.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085200.D
Acq: 13 Dec 2024 16:39

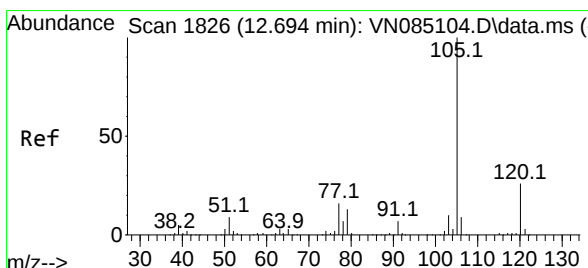
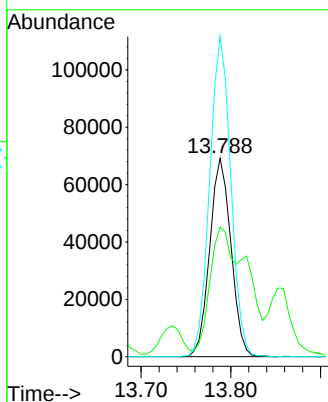
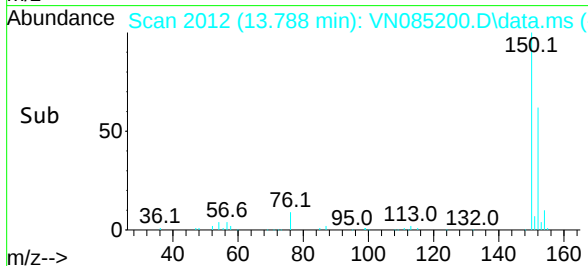
Instrument :
MSVOA_N
ClientSampleId :
MW12-20241212



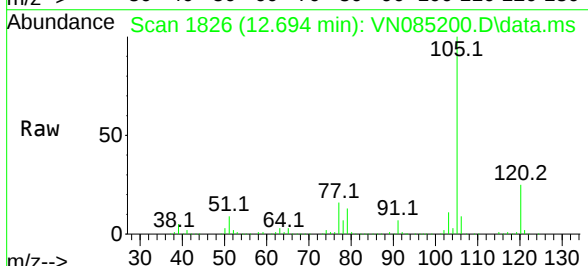
Tgt Ion:152 Resp: 113617
Ion Ratio Lower Upper
152 100
115 105.3 31.7 95.1
150 160.8 0.0 351.4

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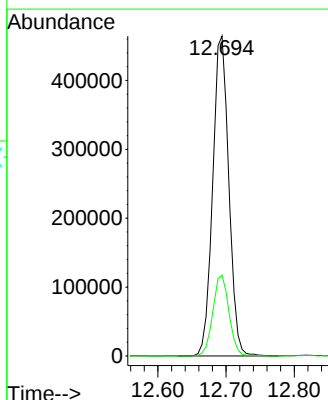
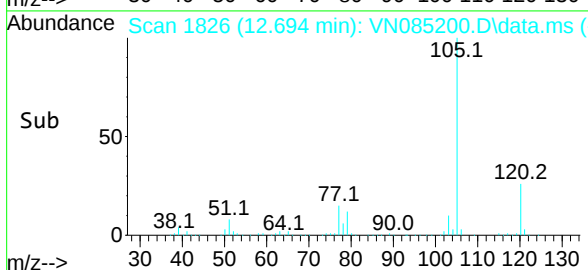
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024

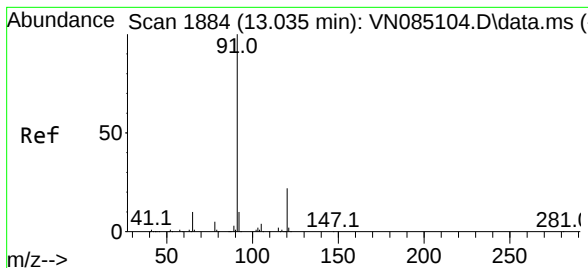


#73
Isopropylbenzene
Concen: 95.243 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085200.D
Acq: 13 Dec 2024 16:39



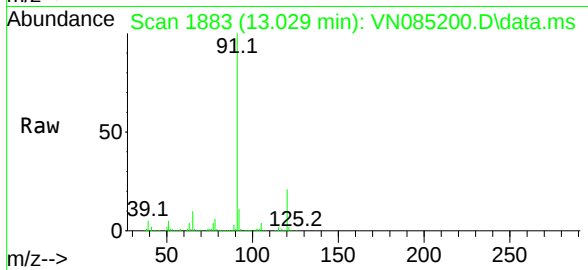
Tgt Ion:105 Resp: 763403
Ion Ratio Lower Upper
105 100
120 25.4 13.0 39.0





#78
n-propylbenzene
Concen: 109.095 ug/l
RT: 13.029 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085200.D
Acq: 13 Dec 2024 16:39

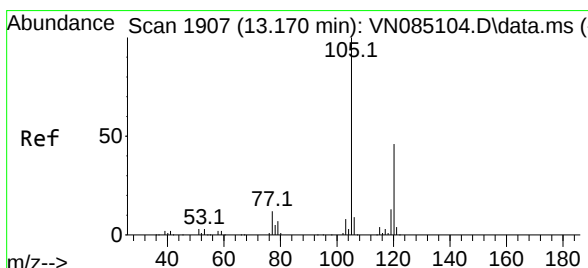
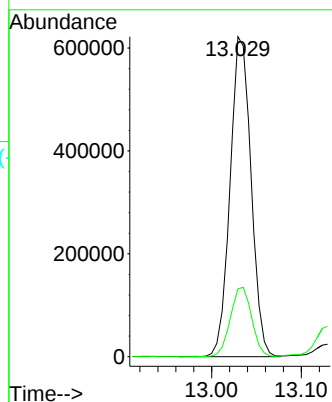
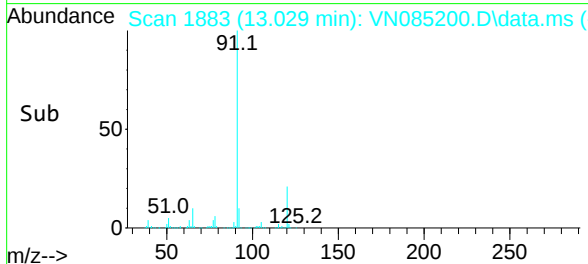
Instrument :
MSVOA_N
ClientSampleId :
MW12-20241212



Tgt Ion: 91 Resp: 100857
Ion Ratio Lower Upper
91 100
120 22.1 11.3 33.9

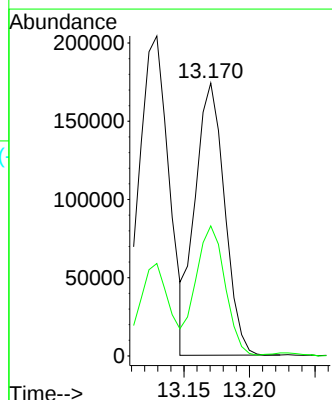
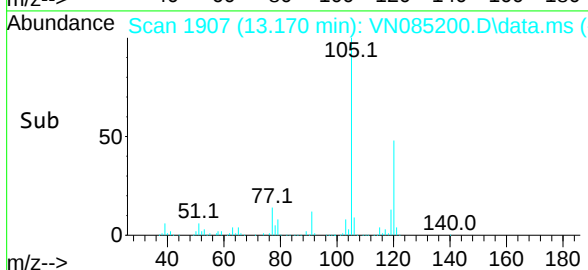
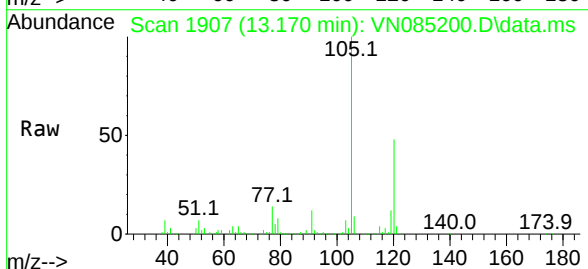
Manual Integrations
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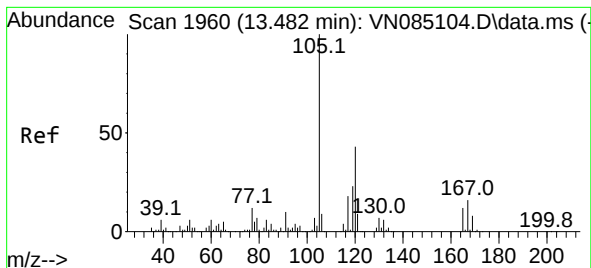
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#80
1,3,5-Trimethylbenzene
Concen: 40.478 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085200.D
Acq: 13 Dec 2024 16:39

Tgt Ion:105 Resp: 272248
Ion Ratio Lower Upper
105 100
120 47.2 23.6 71.0





#84

1,2,4-Trimethylbenzene

Concen: 348.177 ug/l

RT: 13.476 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN085200.D

Acq: 13 Dec 2024 16:39

Instrument :

MSVOA_N

ClientSampleId :

MW12-20241212

Tgt Ion:105 Resp: 241053

Ion Ratio Lower Upper

105 100

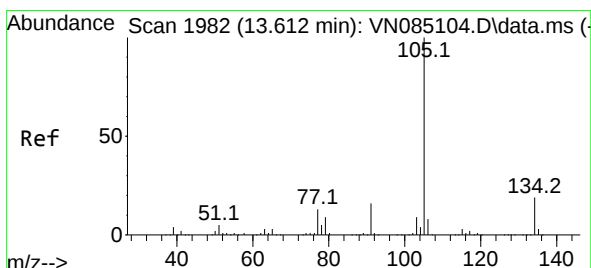
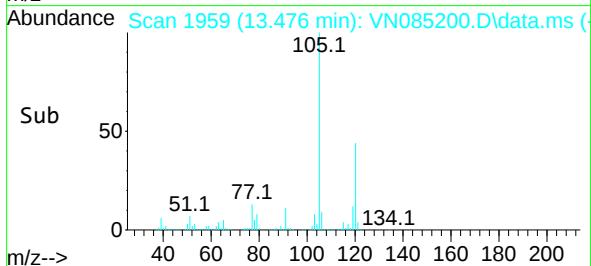
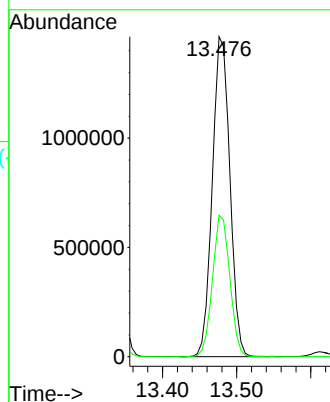
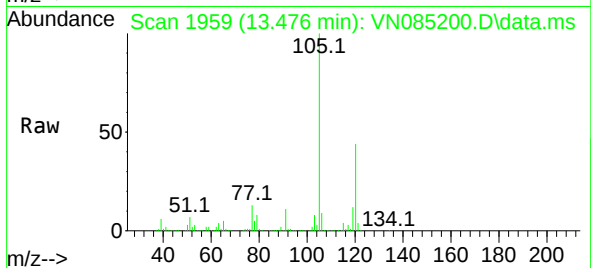
120 43.7 21.8 65.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/16/2024

Supervised By :Mahesh Dadoda 12/16/2024



#85

sec-Butylbenzene

Concen: 4.703 ug/l m

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN085200.D

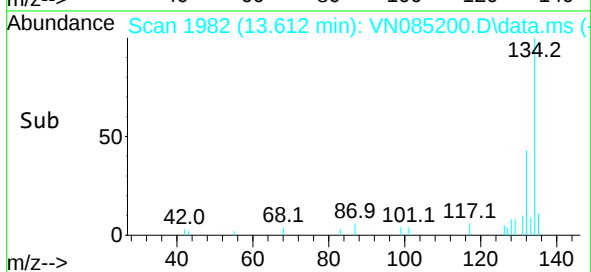
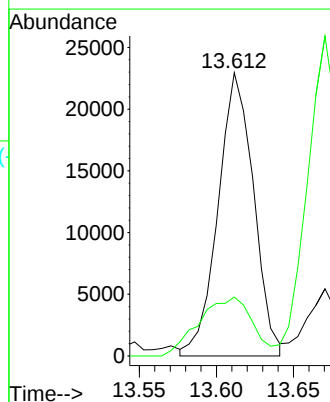
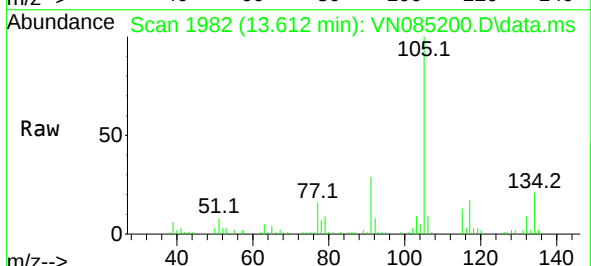
Acq: 13 Dec 2024 16:39

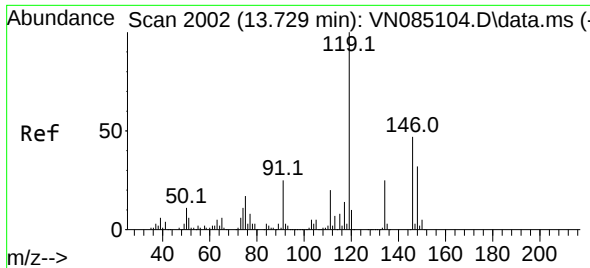
Tgt Ion:105 Resp: 36766

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#





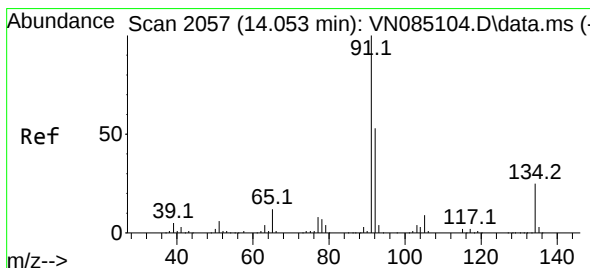
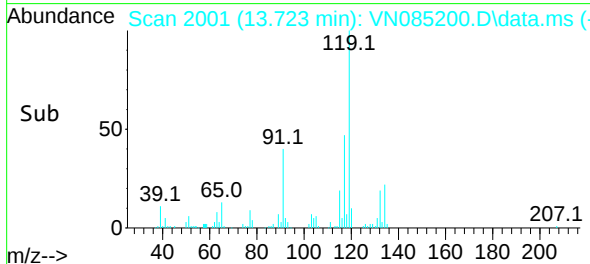
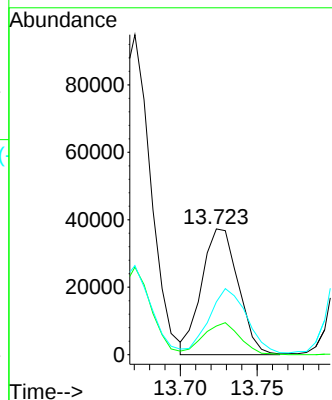
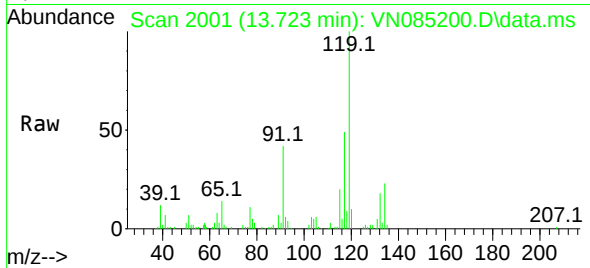
#86
p-Isopropyltoluene
Concen: 9.606 ug/l m
RT: 13.723 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085200.D
Acq: 13 Dec 2024 16:39

Instrument :
MSVOA_N
ClientSampleId :
MW12-20241212

Tgt Ion:119 Resp: 61989
Ion Ratio Lower Upper
119 100
134 64.2 13.0 39.0#
91 59.7 12.8 38.4#

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#89
n-Butylbenzene
Concen: 11.091 ug/l m
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085200.D
Acq: 13 Dec 2024 16:39

Tgt Ion: 91 Resp: 66559
Ion Ratio Lower Upper
91 100
92 96.8 26.8 80.3#
134 0.0 12.8 38.4#

