

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
 Data File : VN085201.D
 Acq On : 13 Dec 2024 17:03
 Operator : JC\MD
 Sample : P5270-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW14-20241212

Manual Integrations
 APPROVED

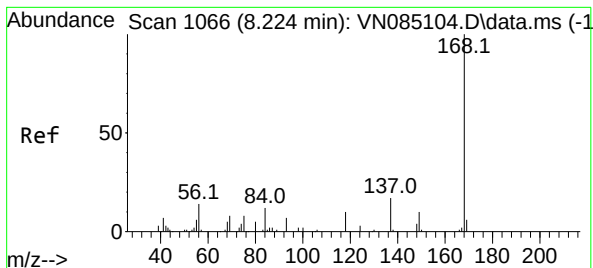
Reviewed By :Semsettin Yesilyurt 12/16/2024
 Supervised By :Mahesh Dadoda 12/16/2024

Quant Time: Dec 16 04:00:01 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)

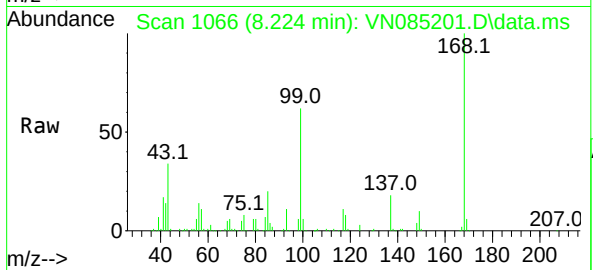
Internal Standards						
1) Pentafluorobenzene	8.224	168	175126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	289078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	258775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111482	44.690	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.380%		
35) Dibromofluoromethane	8.165	113	92103	47.246	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.500%		
50) Toluene-d8	10.565	98	343635	49.187	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.380%		
62) 4-Bromofluorobenzene	12.847	95	139692	53.467	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	106.940%		
Target Compounds					Qvalue	
39) Methylcyclohexane	9.594	83	44207	16.111	ug/l	93
40) Benzene	8.600	78	8184	0.980	ug/l #	86
52) Toluene	10.635	92	3417	0.691	ug/l	81
67) Ethyl Benzene	11.959	91	160588	16.866	ug/l	98
68) m/p-Xylenes	12.071	106	5910	1.630	ug/l	94
69) o-Xylene	12.394	106	23143	6.712	ug/l	89
73) Isopropylbenzene	12.694	105	822104	96.548	ug/l	100
78) n-propylbenzene	13.035	91	867703	88.350	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	172140	24.092	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	4801738	652.863	ug/l	100
85) sec-Butylbenzene	13.612	105	46649m	5.617	ug/l	
86) p-Isopropyltoluene	13.729	119	134504m	19.620	ug/l	
89) n-Butylbenzene	14.053	91	54721m	8.583	ug/l	

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085201.D
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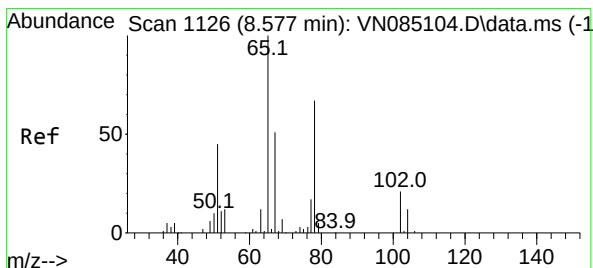
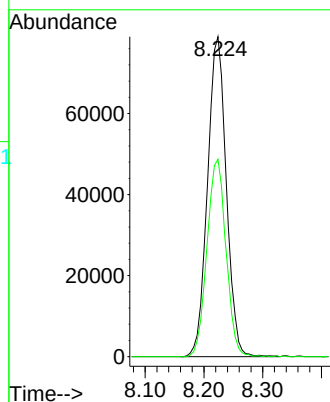
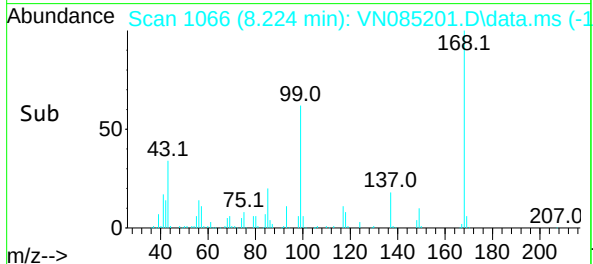
Instrument :
MSVOA_N
ClientSampleId :
MW14-20241212



Tgt Ion:168 Resp: 175120
Ion Ratio Lower Upper
168 100
99 61.7 51.2 76.8

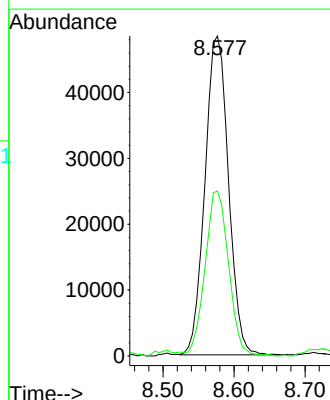
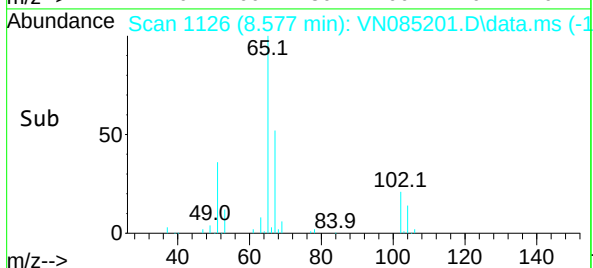
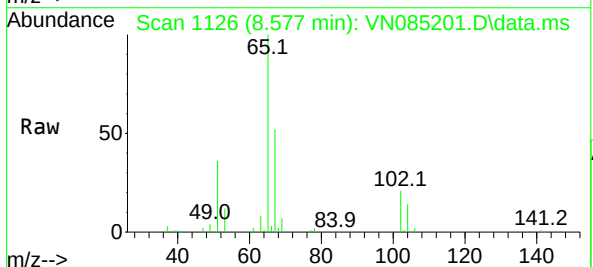
Manual Integrations
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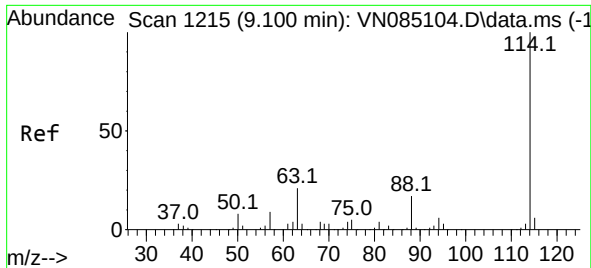
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#33
1,2-Dichloroethane-d4
Concen: 44.690 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

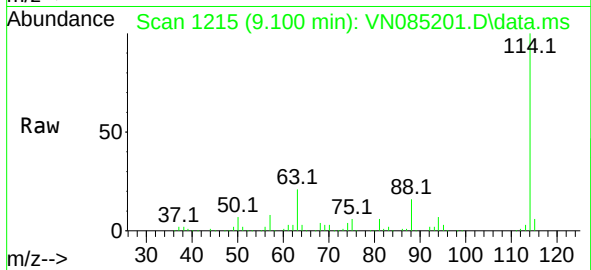
Tgt Ion: 65 Resp: 111482
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

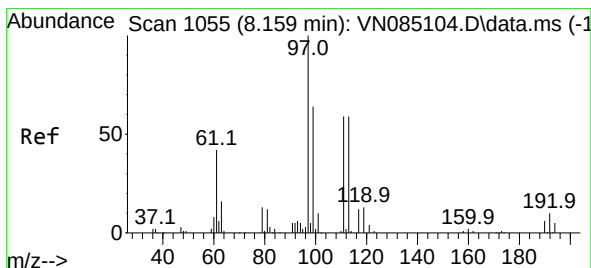
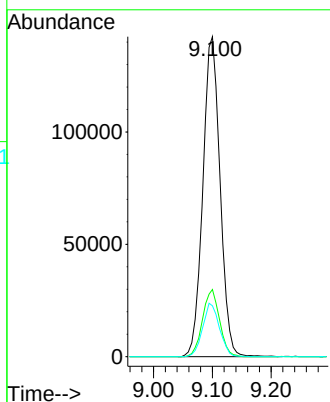
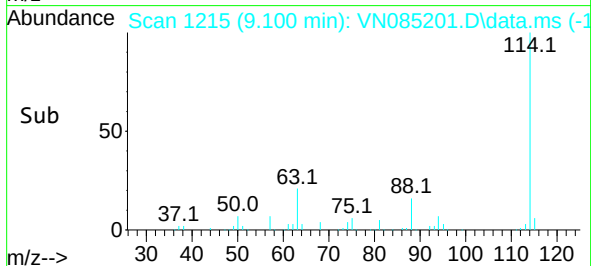
Instrument :
MSVOA_N
ClientSampleId :
MW14-20241212



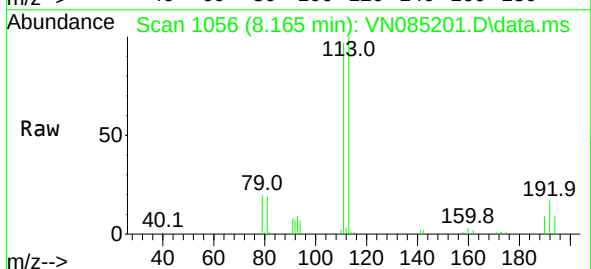
Tgt Ion:114 Resp: 289078
Ion Ratio Lower Upper
114 100
63 21.0 0.0 41.0
88 15.9 0.0 34.8

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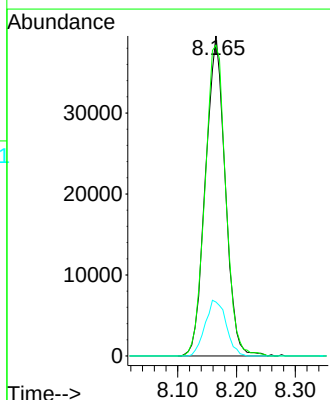
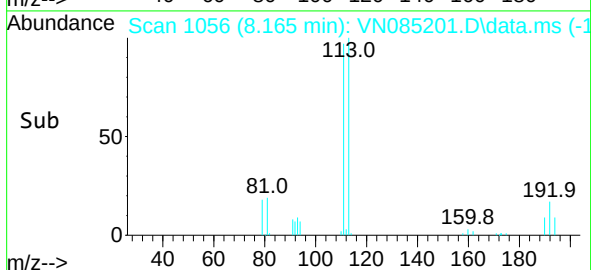
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024

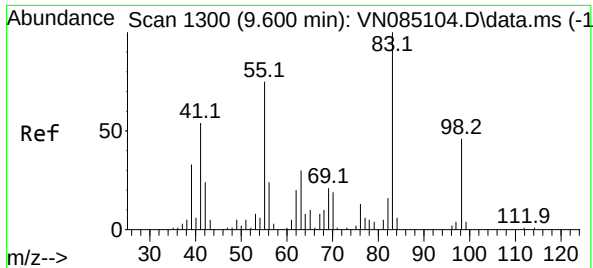


#35
Dibromofluoromethane
Concen: 47.246 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03



Tgt Ion:113 Resp: 92103
Ion Ratio Lower Upper
113 100
111 101.8 82.0 123.0
192 18.5 14.8 22.2





#39

Methylcyclohexane

Concen: 16.111 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN085201.D

Acq: 13 Dec 2024 17:03

Instrument :

MSVOA_N

ClientSampleId :

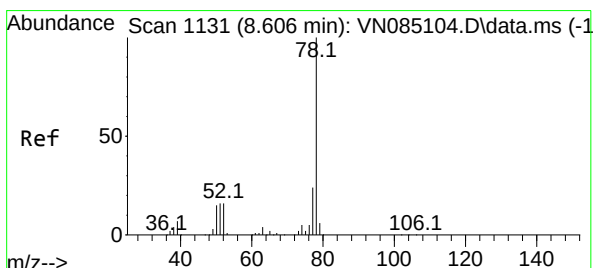
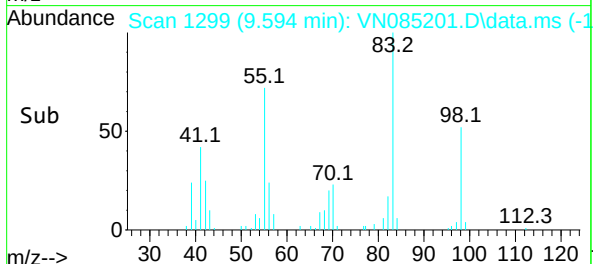
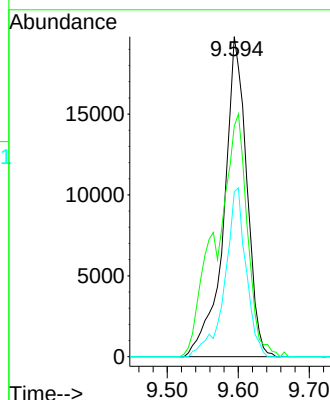
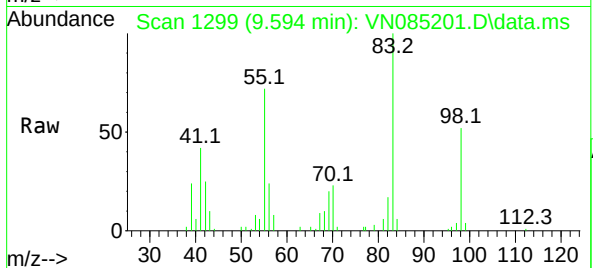
MW14-20241212

Tgt Ion: 83	Resp: 4420
Ion Ratio	Lower Upper
83	100
55	72.0 61.8 92.6
98	51.6 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: 0.980 ug/l

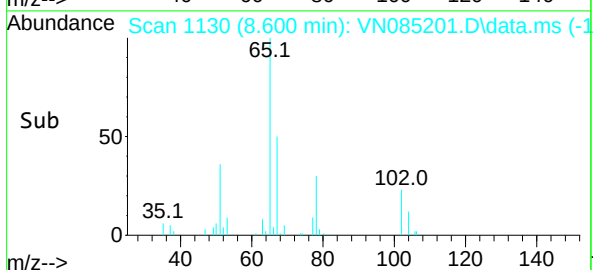
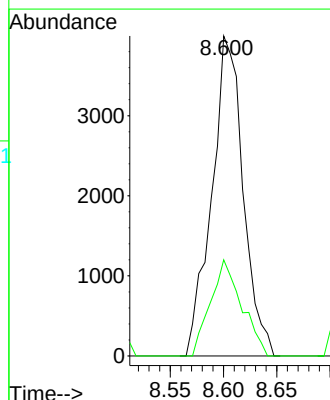
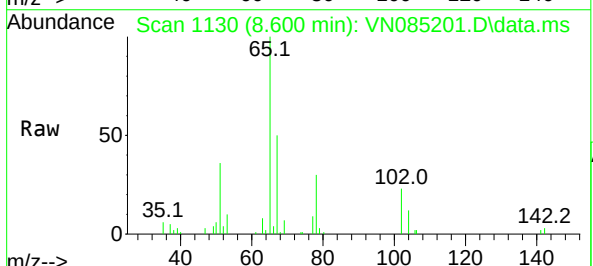
RT: 8.600 min Scan# 1130

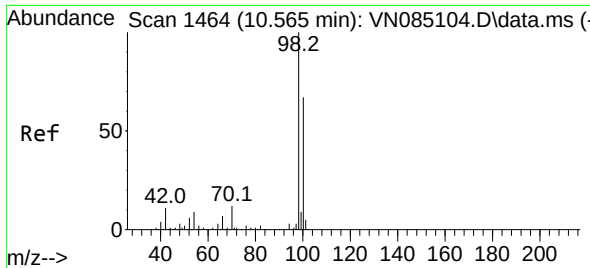
Delta R.T. -0.000 min

Lab File: VN085201.D

Acq: 13 Dec 2024 17:03

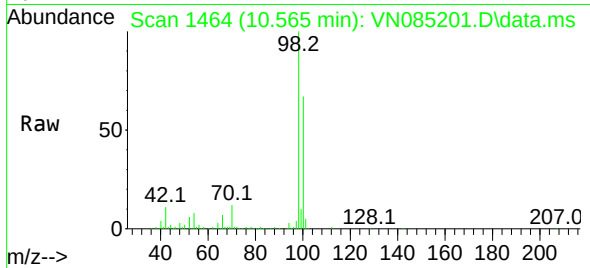
Tgt Ion: 78	Resp: 8184
Ion Ratio	Lower Upper
78	100
77	30.0 18.5 27.7#





#50
Toluene-d8
Concen: 49.187 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

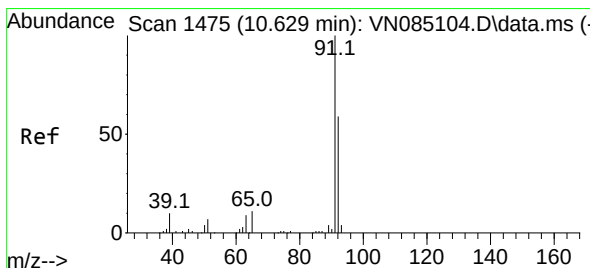
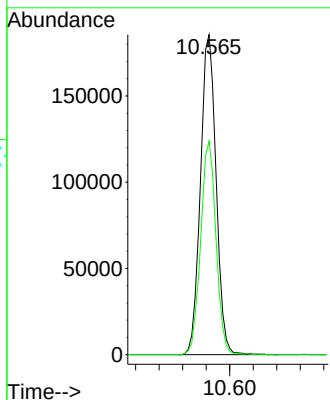
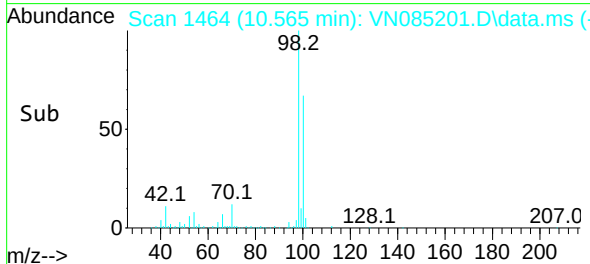
Instrument :
MSVOA_N
ClientSampleId :
MW14-20241212



Tgt Ion: 98 Resp: 34363
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7

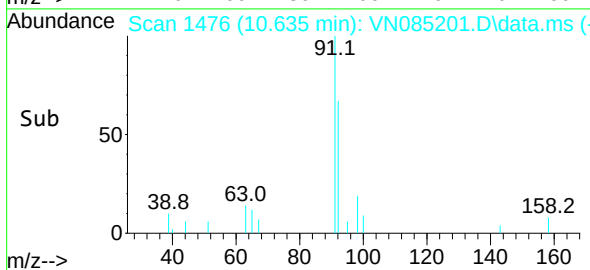
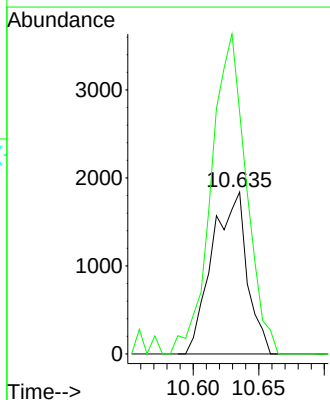
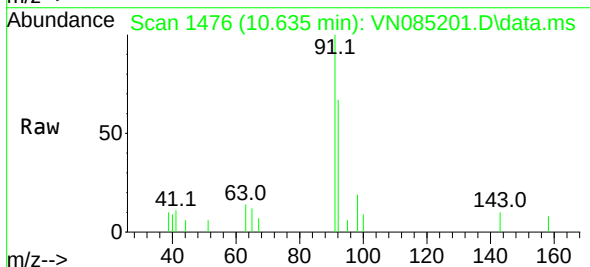
Manual Integrations
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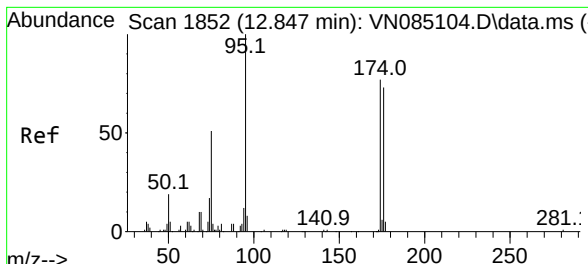
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#52
Toluene
Concen: 0.691 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.012 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

Tgt Ion: 92 Resp: 3417
Ion Ratio Lower Upper
92 100
91 197.3 136.7 205.1





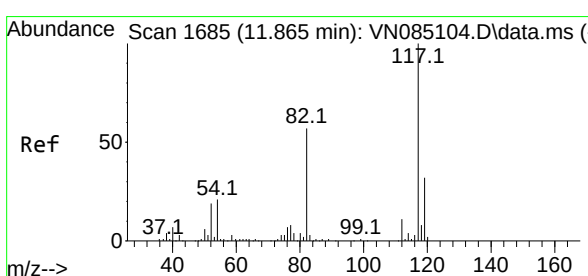
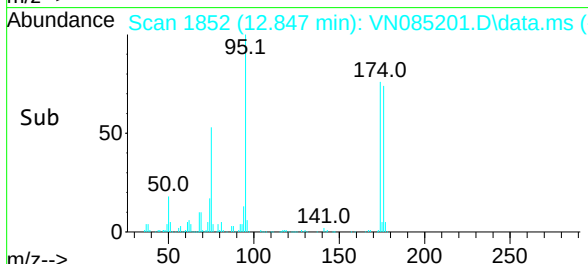
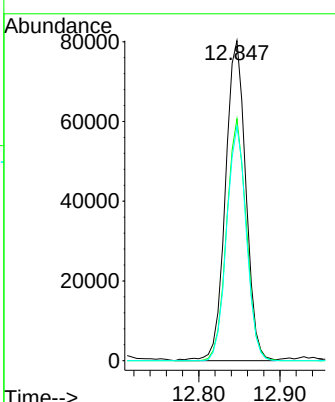
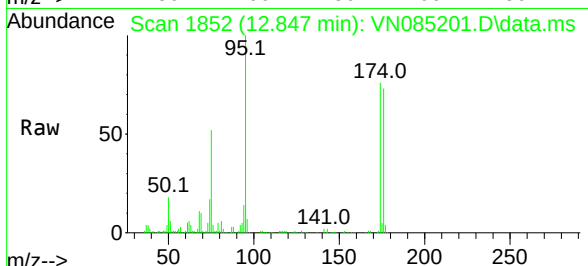
#62
 4-Bromofluorobenzene
 Concen: 53.467 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN085201.D
 Acq: 13 Dec 2024 17:03

Instrument : MSVOA_N
 ClientSampleId : MW14-20241212

Tgt Ion: 95	Resp: 139692
Ion Ratio	Lower Upper
95 100	
174 73.1	0.0 146.6
176 70.7	0.0 141.8

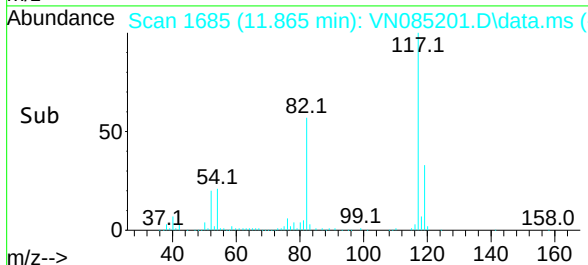
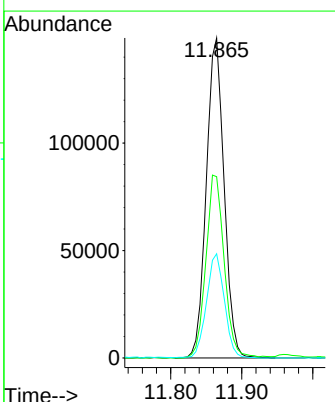
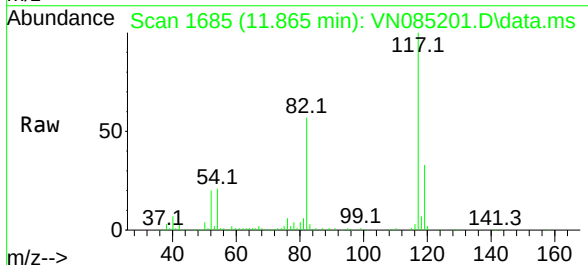
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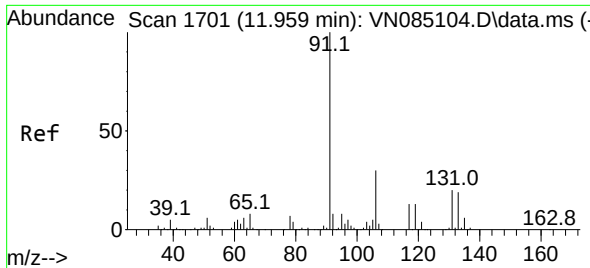
Reviewed By :Semsettin Yesilyurt 12/16/2024
 Supervised By :Mahesh Dadoda 12/16/2024



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.006 min
 Lab File: VN085201.D
 Acq: 13 Dec 2024 17:03

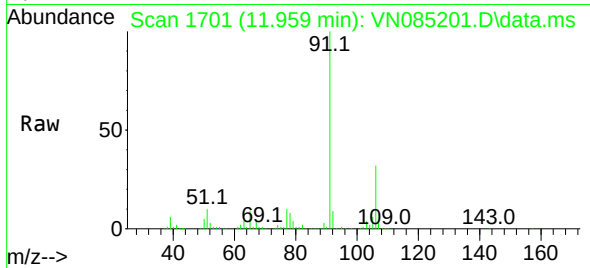
Tgt Ion:117	Resp: 258775
Ion Ratio	Lower Upper
117 100	
82 56.7	46.0 69.0
119 32.6	25.6 38.4





#67
Ethyl Benzene
Concen: 16.866 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

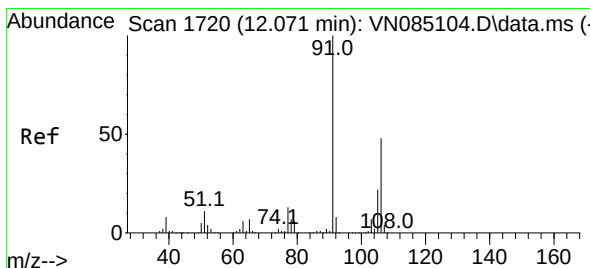
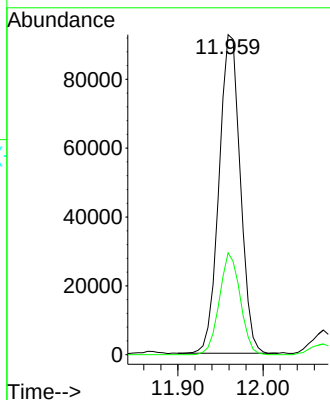
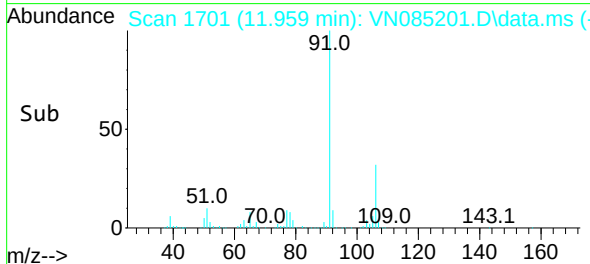
Instrument :
MSVOA_N
ClientSampleId :
MW14-20241212



Tgt Ion: 91 Resp: 16058
Ion Ratio Lower Upper
91 100
106 32.0 24.7 37.1

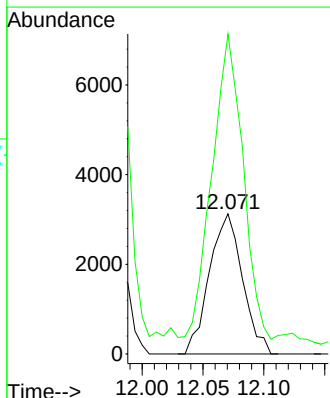
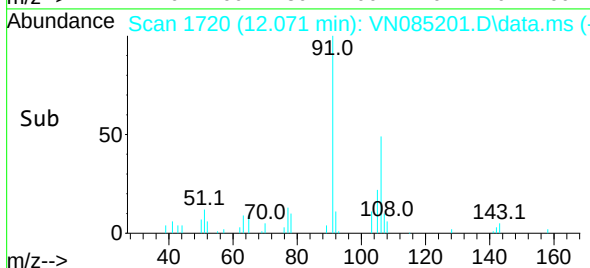
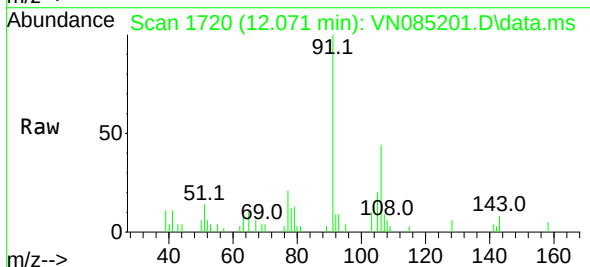
Manual Integrations
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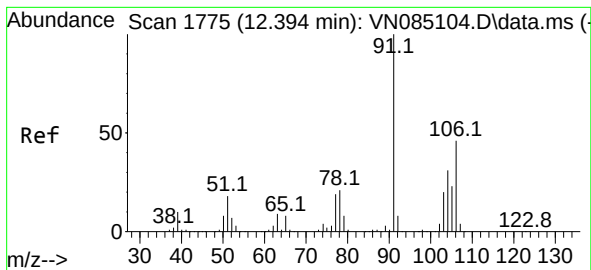
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#68
m/p-Xylenes
Concen: 1.630 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

Tgt Ion:106 Resp: 5910
Ion Ratio Lower Upper
106 100
91 201.2 168.0 252.0





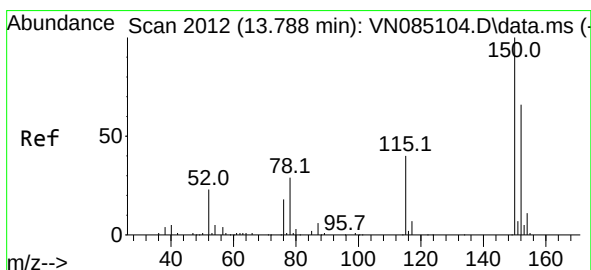
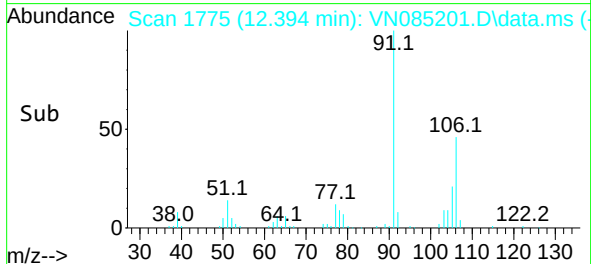
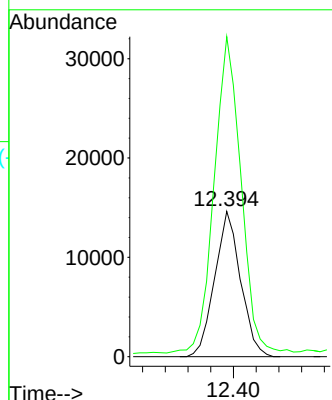
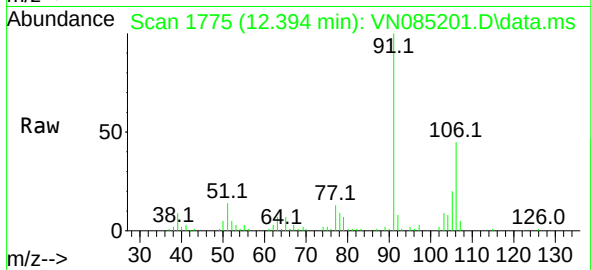
#69
o-Xylene
Concen: 6.712 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

Instrument :
MSVOA_N
ClientSampleId :
MW14-20241212

Tgt Ion:106 Resp: 2314
Ion Ratio Lower Upper
106 100
91 239.1 110.7 331.9

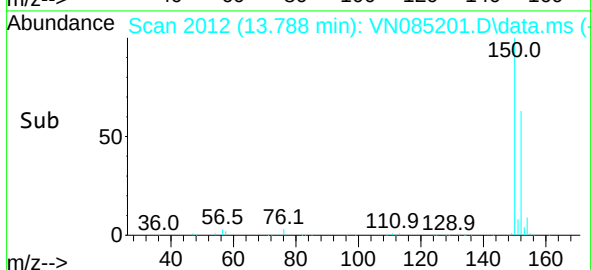
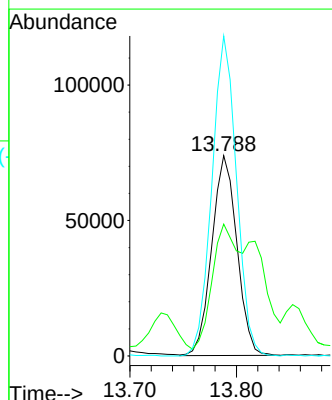
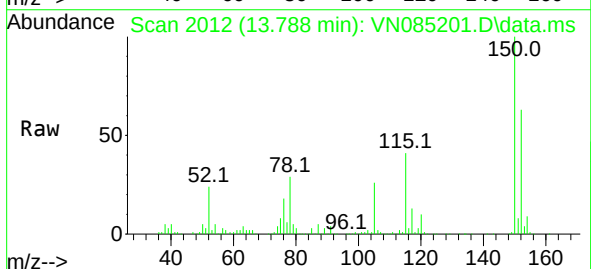
Manual Integrations
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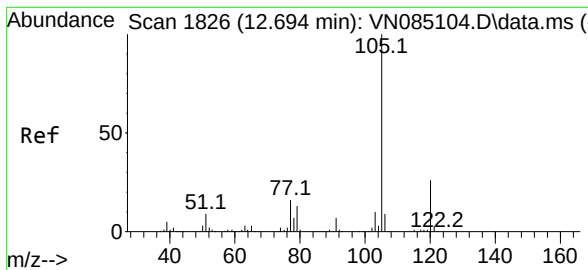
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

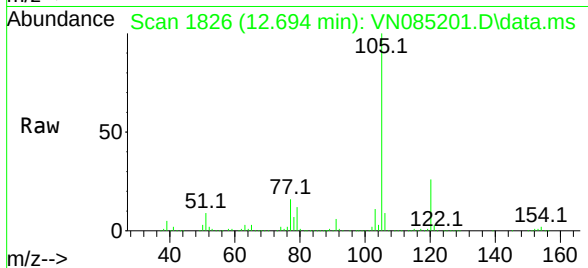
Tgt Ion:152 Resp: 120700
Ion Ratio Lower Upper
152 100
115 68.6 31.7 95.1
150 157.2 0.0 351.4





#73
Isopropylbenzene
Concen: 96.548 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

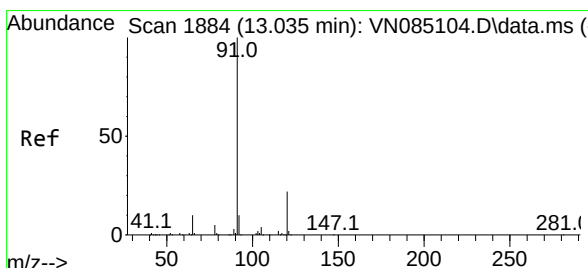
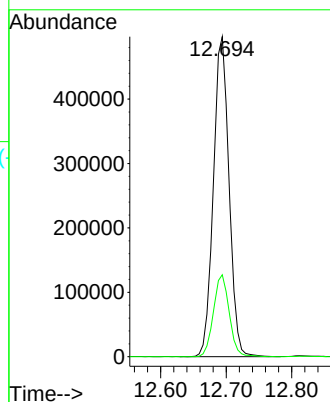
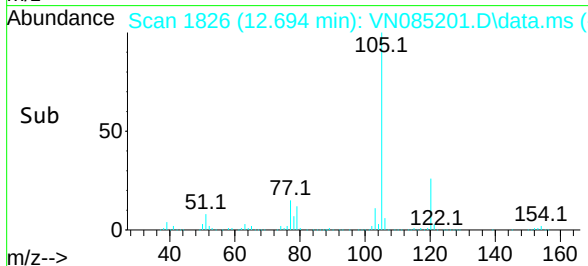
Instrument : MSVOA_N
ClientSampleId : MW14-20241212



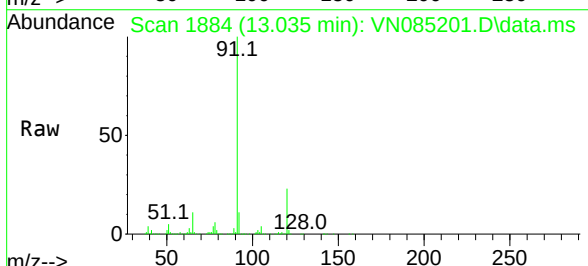
Tgt Ion:105 Resp: 822104
Ion Ratio Lower Upper
105 100
120 25.9 13.0 39.0

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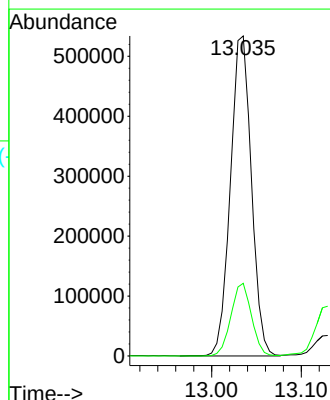
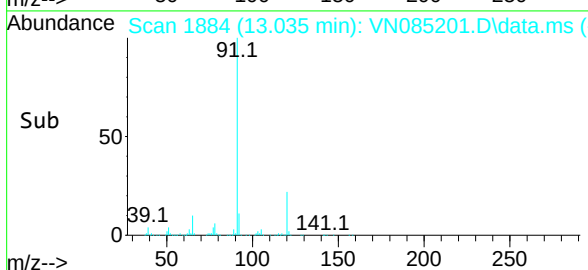
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024

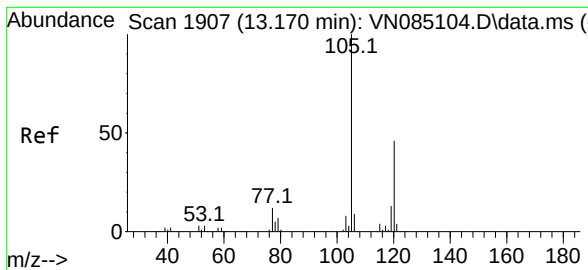


#78
n-propylbenzene
Concen: 88.350 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03



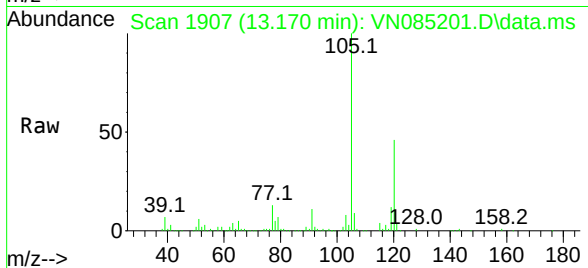
Tgt Ion: 91 Resp: 867703
Ion Ratio Lower Upper
91 100
120 22.3 11.3 33.9





#80
1,3,5-Trimethylbenzene
Concen: 24.092 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

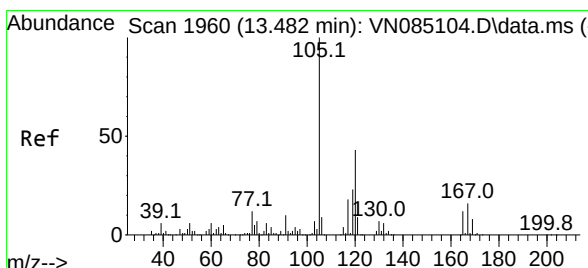
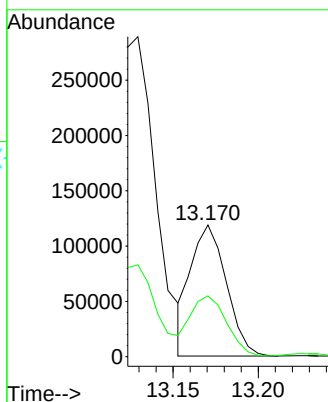
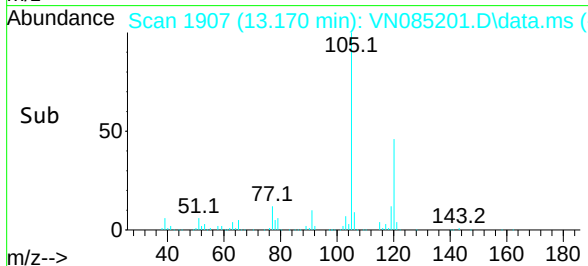
Instrument :
MSVOA_N
ClientSampleId :
MW14-20241212



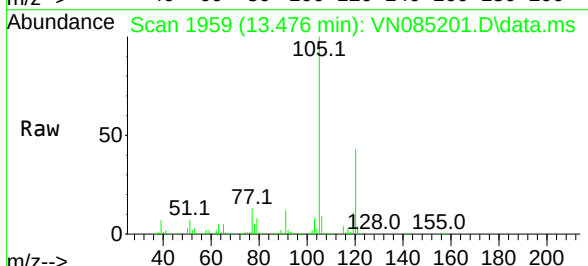
Tgt Ion:105 Resp: 172140
Ion Ratio Lower Upper
105 100
120 46.6 23.6 71.0

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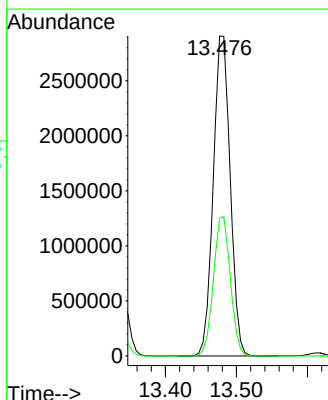
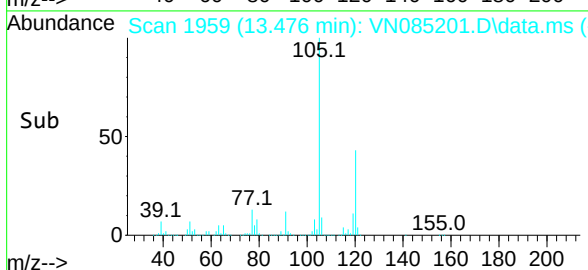
Reviewed By :Semsettin Yesilyurt 12/16/2024
Supervised By :Mahesh Dadoda 12/16/2024

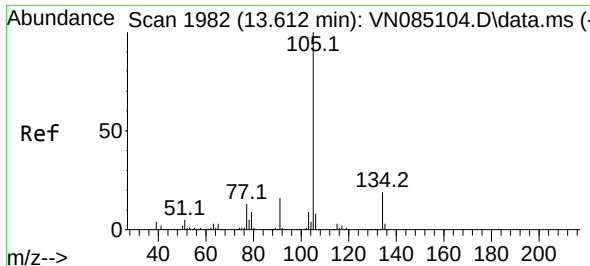


#84
1,2,4-Trimethylbenzene
Concen: 652.863 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03



Tgt Ion:105 Resp: 4801738
Ion Ratio Lower Upper
105 100
120 43.5 21.8 65.4





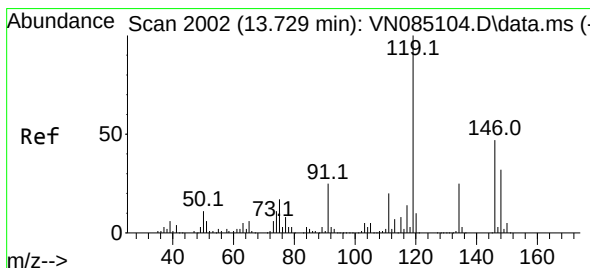
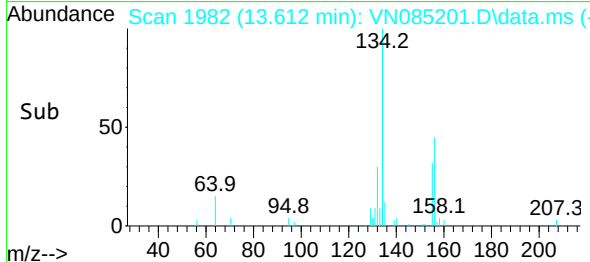
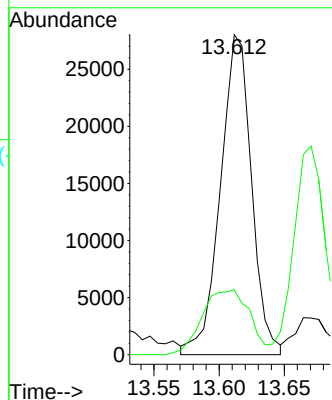
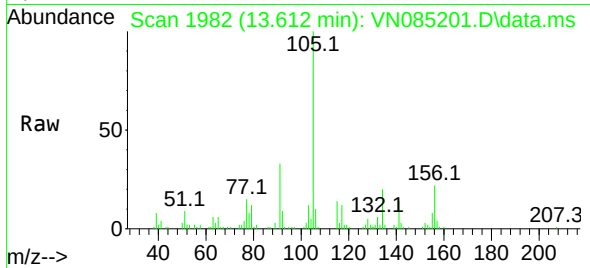
#85
 sec-Butylbenzene
 Concen: 5.617 ug/l m
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085201.D
 Acq: 13 Dec 2024 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 MW14-20241212

Tgt Ion:105 Resp: 46649
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3

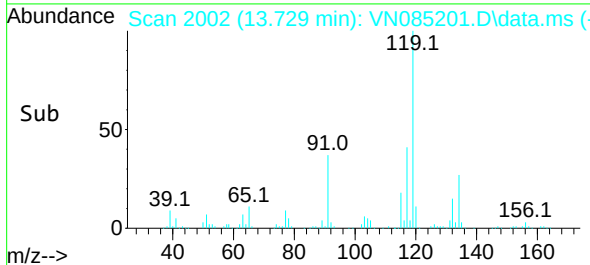
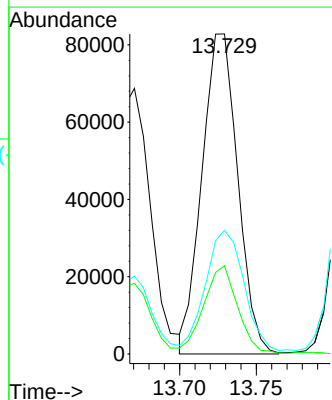
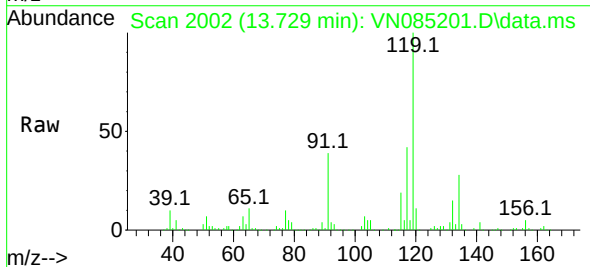
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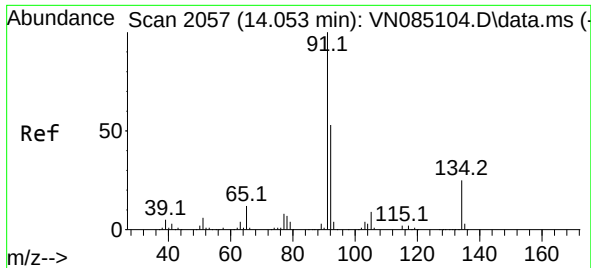
Reviewed By :Semsettin Yesilyurt 12/16/2024
 Supervised By :Mahesh Dadoda 12/16/2024



#86
 p-Isopropyltoluene
 Concen: 19.620 ug/l m
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085201.D
 Acq: 13 Dec 2024 17:03

Tgt Ion:119 Resp: 134504
 Ion Ratio Lower Upper
 119 100
 134 22.7 13.0 39.0
 91 22.7 12.8 38.4





#89
n-Butylbenzene
Concen: 8.583 ug/l m
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085201.D
Acq: 13 Dec 2024 17:03

Instrument :
MSVOA_N
ClientSampleId :
MW14-20241212

Tgt Ion: 91 Resp: 5472
Ion Ratio Lower Upper
91 100
92 91.8 26.8 80.3
134 0.0 12.8 38.4

Manual Integrations
APPROVED

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

