

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073225.D
 Acq On : 29 Jun 2022 02:42
 Operator : JC\MD
 Sample : N3409-07 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/30/2022
 Supervised By :Semsettin Yesilyurt 06/30/2022

Quant Time: Jun 29 04:28:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	312763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	520554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	489044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	251021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	195785	43.362	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.720%		
35) Dibromofluoromethane	7.951	113	167386	48.331	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.660%		
50) Toluene-d8	10.374	98	548180	44.566	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.140%		
62) 4-Bromofluorobenzene	12.668	95	251308	53.164	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.320%		
Target Compounds					Qvalue	
39) Methylcyclohexane	9.386	83	3106	0.468	ug/l	89
52) Toluene	10.439	92	101534	9.990	ug/l	97
67) Ethyl Benzene	11.780	91	1080592	53.815	ug/l	100
68) m/p-Xylenes	11.886	106	1861452	245.636	ug/l	95
69) o-Xylene	12.216	106	917022	118.537	ug/l	96
73) Isopropylbenzene	12.515	105	72994	3.367	ug/l	98
78) n-propylbenzene	12.857	91	115063	4.778	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	184157	10.423	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	724224	41.056	ug/l	97
85) sec-Butylbenzene	13.439	105	6281m	0.295	ug/l	
89) n-Butylbenzene	13.880	91	4752	0.332	ug/l #	61
95) Naphthalene	15.433	128	172466	8.915	ug/l	99

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

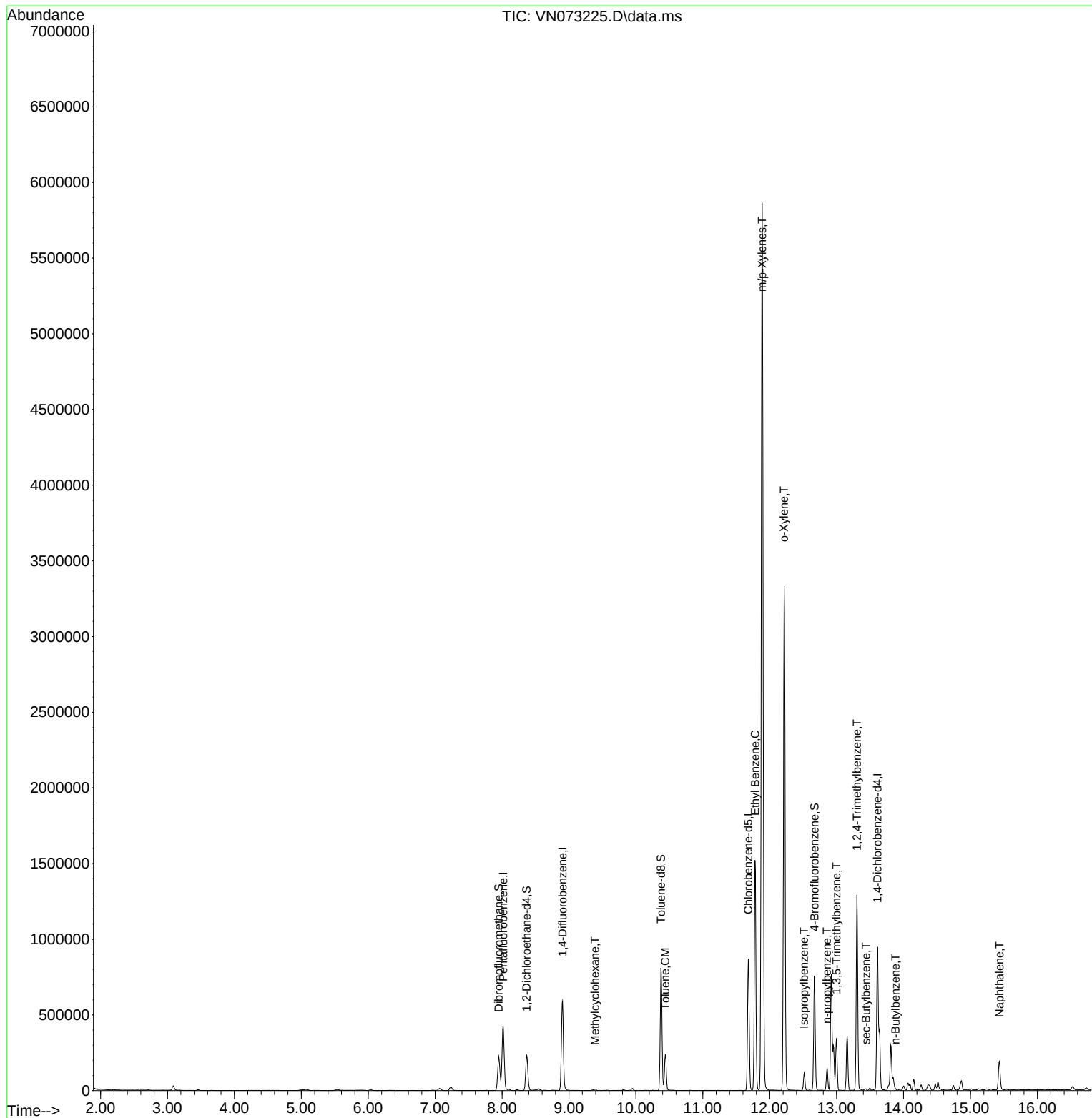
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
Data File : VN073225.D
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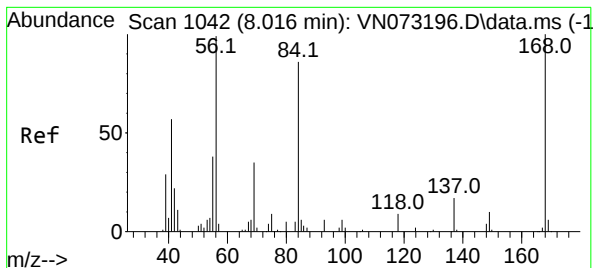
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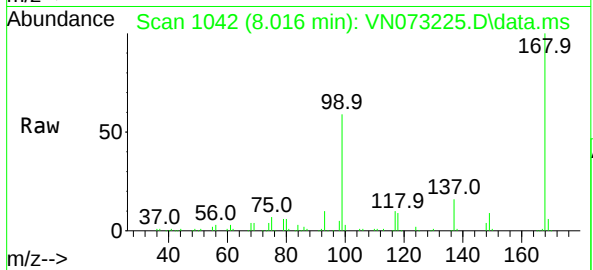
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073225.D
Acq: 29 Jun 2022 02:42

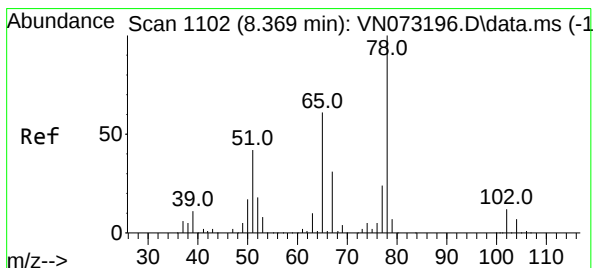
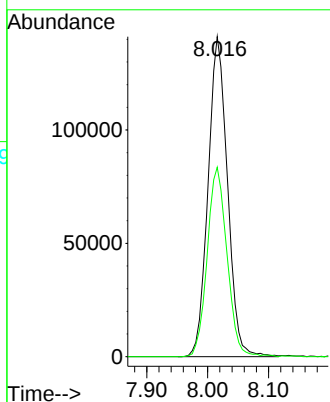
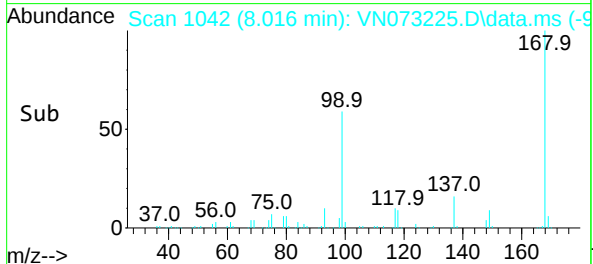
Instrument :
MSVOA_N
ClientSampleId :
MW-3



Tgt Ion:168 Resp: 31276
Ion Ratio Lower Upper
168 100
99 59.2 42.3 63.5

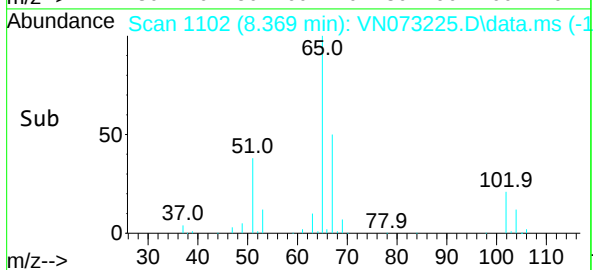
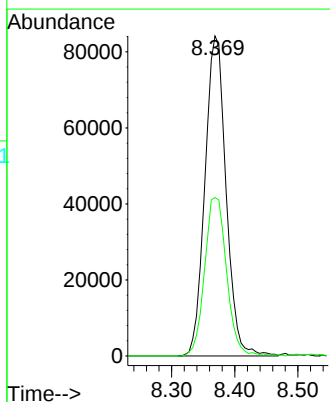
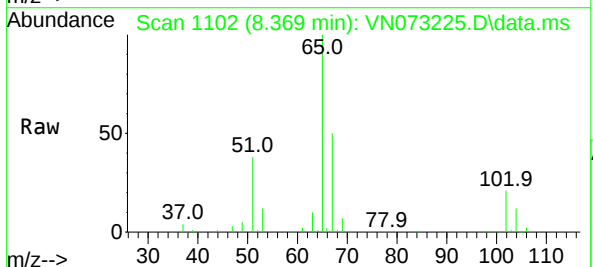
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Supervised By :Semsettin Yesilyurt 06/30/2022



#33
1,2-Dichloroethane-d4
Concen: 43.362 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073225.D
Acq: 29 Jun 2022 02:42

Tgt Ion: 65 Resp: 195785
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073225.D

Acq: 29 Jun 2022 02:42

Instrument :

MSVOA_N

ClientSampleId :

MW-3

Tgt Ion:114 Resp: 520554

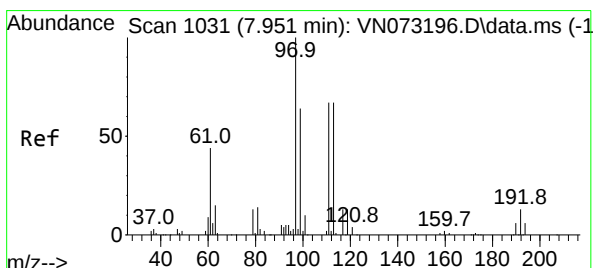
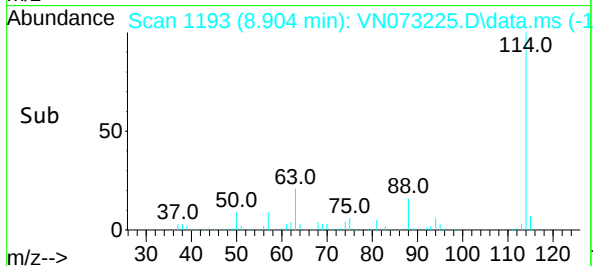
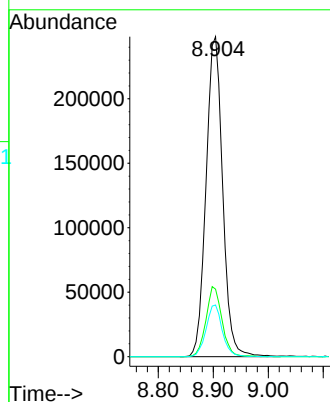
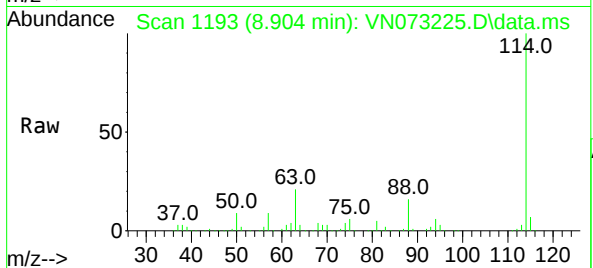
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.0
88	16.2	0.0	32.6

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#35

Dibromofluoromethane

Concen: 48.331 ug/l

RT: 7.951 min Scan# 1031

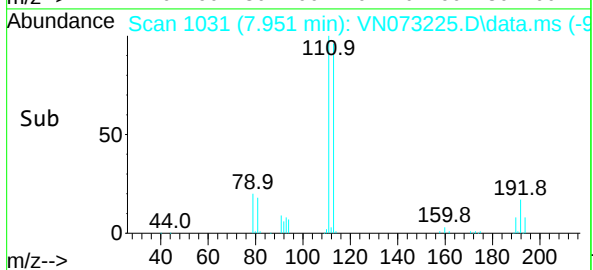
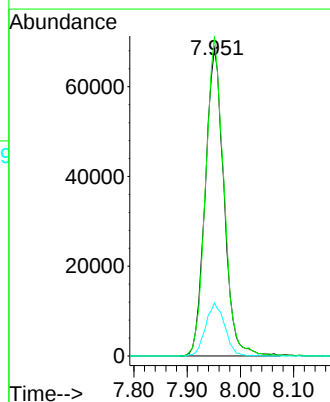
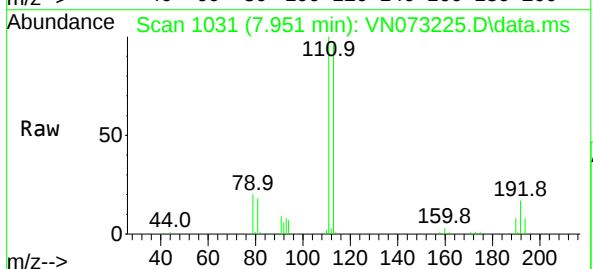
Delta R.T. 0.000 min

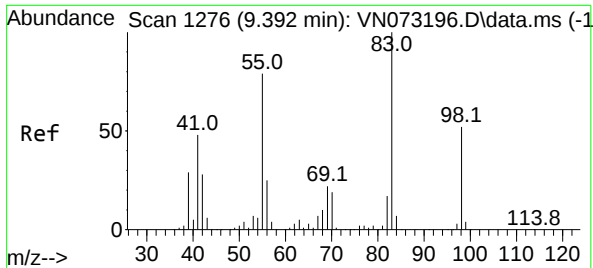
Lab File: VN073225.D

Acq: 29 Jun 2022 02:42

Tgt Ion:113 Resp: 167386

Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.4	122.0
192	17.5	17.0	25.6





#39

Methylcyclohexane

Concen: 0.468 ug/l

RT: 9.386 min Scan# 1275

Delta R.T. -0.006 min

Lab File: VN073225.D

Acq: 29 Jun 2022 02:42

Instrument :

MSVOA_N

ClientSampleId :

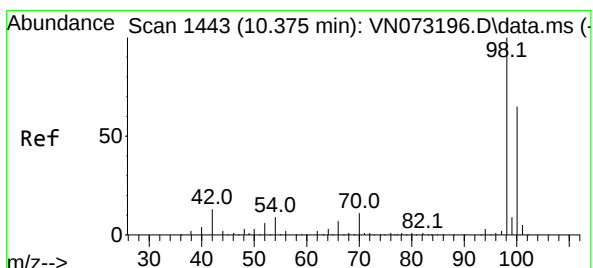
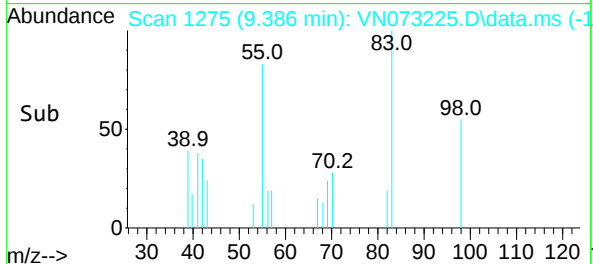
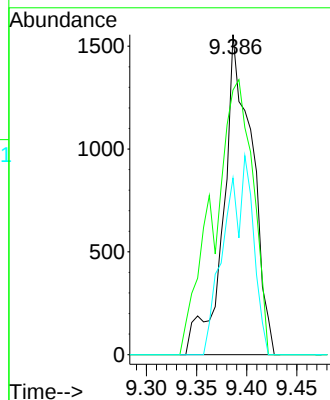
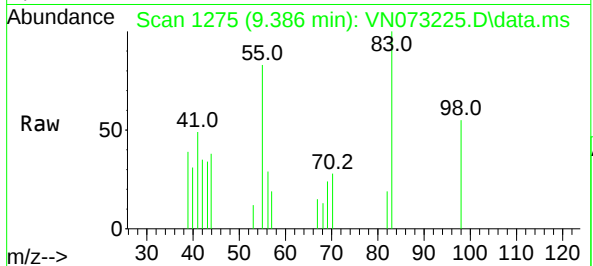
MW-3

Tgt Ion: 83	Resp: 3100
Ion Ratio	Lower Upper
83	100
55	82.7 57.8 86.8
98	55.2 39.4 59.2

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#50

Toluene-d8

Concen: 44.566 ug/l

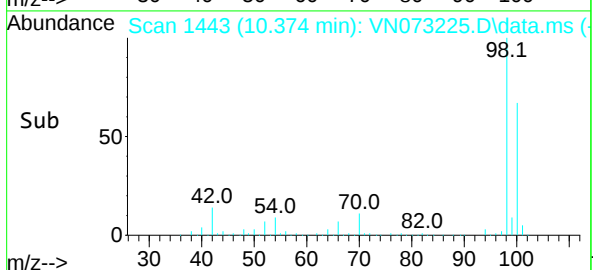
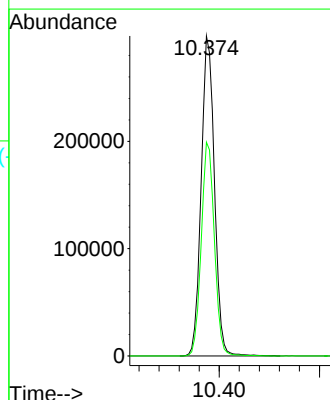
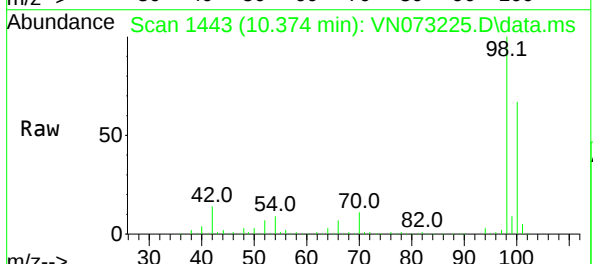
RT: 10.374 min Scan# 1443

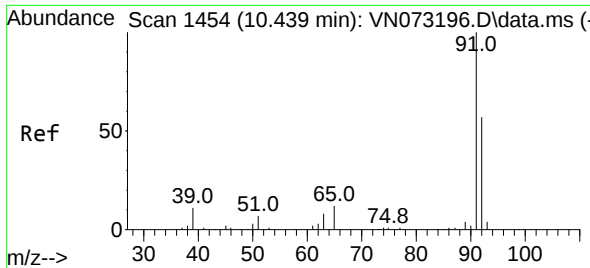
Delta R.T. -0.001 min

Lab File: VN073225.D

Acq: 29 Jun 2022 02:42

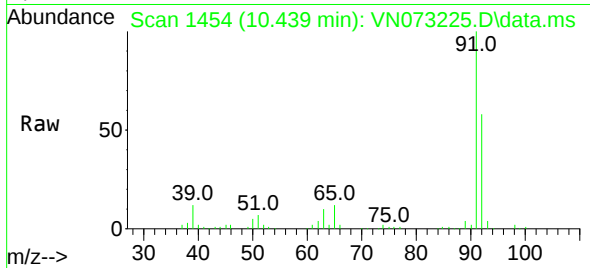
Tgt Ion: 98	Resp: 548180
Ion Ratio	Lower Upper
98	100
100	66.0 52.6 78.8





#52
Toluene
Concen: 9.990 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073225.D
Acq: 29 Jun 2022 02:42

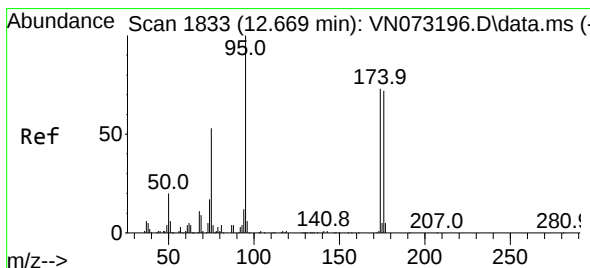
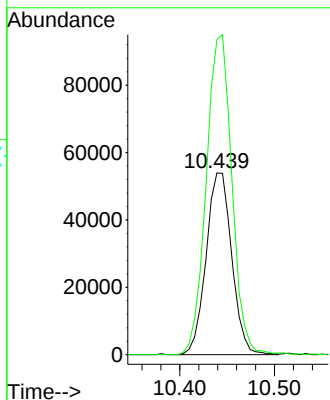
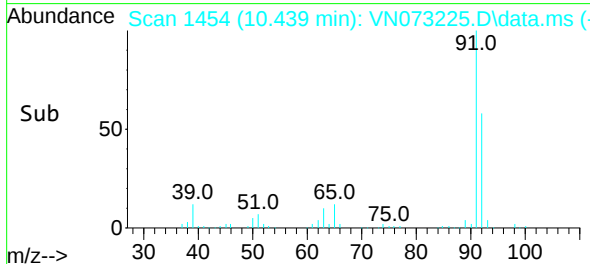
Instrument :
MSVOA_N
ClientSampleId :
MW-3



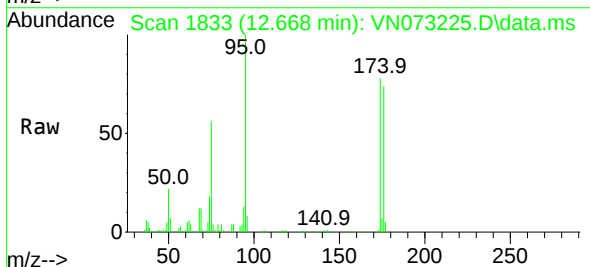
Tgt Ion: 92 Resp: 101534
Ion Ratio Lower Upper
92 100
91 176.7 138.6 207.8

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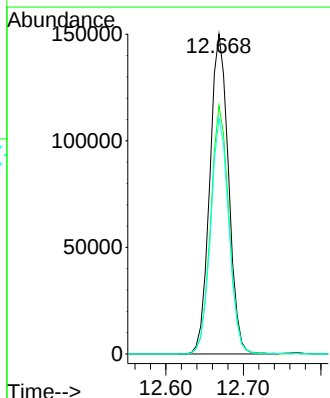
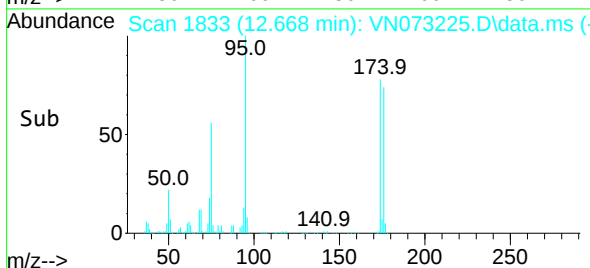
Reviewed By :Mahesh Dadoda 06/30/2022
Supervised By :Semsettin Yesilyurt 06/30/2022

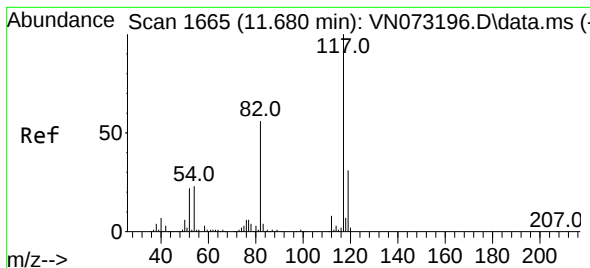


#62
4-Bromofluorobenzene
Concen: 53.164 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073225.D
Acq: 29 Jun 2022 02:42



Tgt Ion: 95 Resp: 251308
Ion Ratio Lower Upper
95 100
174 75.6 0.0 167.6
176 72.2 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073225.D

Acq: 29 Jun 2022 02:42

Instrument :

MSVOA_N

ClientSampleId :

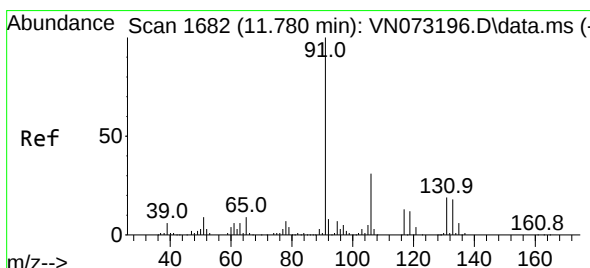
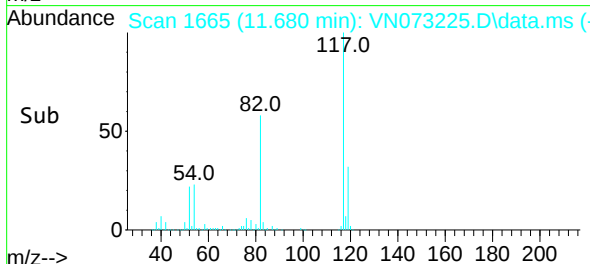
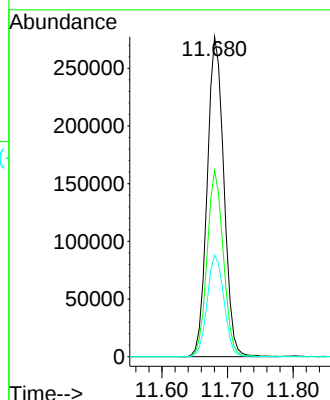
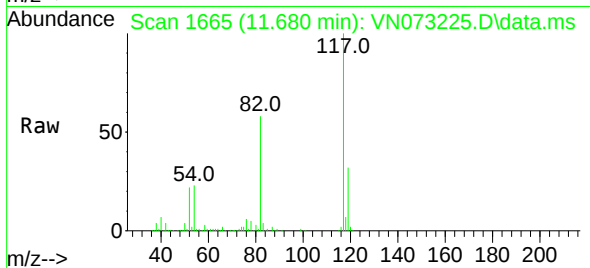
MW-3

Tgt Ion:	117	Resp:	48904
Ion	Ratio	Lower	Upper
117	100		
82	58.1	44.2	66.2
119	31.8	25.4	38.0

Manual Integrations

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Supervised By :Semsettin Yesilyurt 06/30/2022



#67

Ethyl Benzene

Concen: 53.815 ug/l

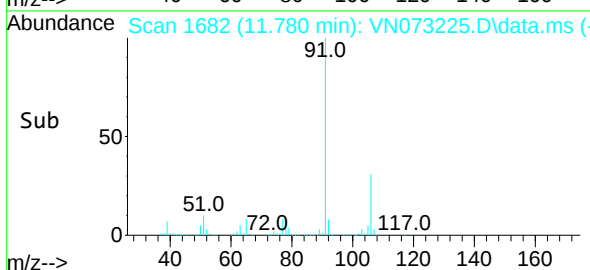
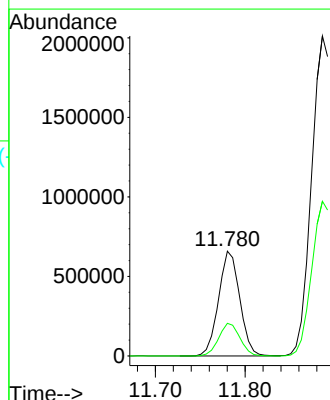
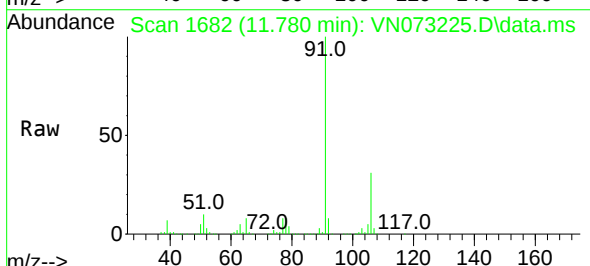
RT: 11.780 min Scan# 1682

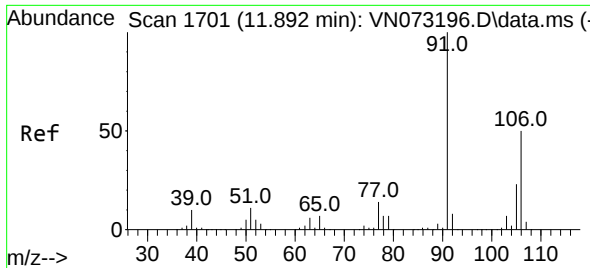
Delta R.T. 0.000 min

Lab File: VN073225.D

Acq: 29 Jun 2022 02:42

Tgt Ion:	91	Resp:	1080592
Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.9	37.3





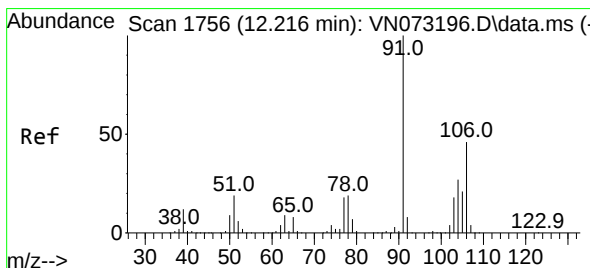
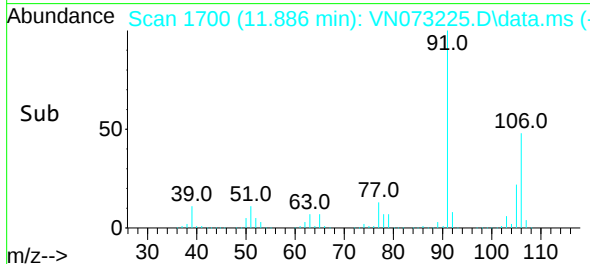
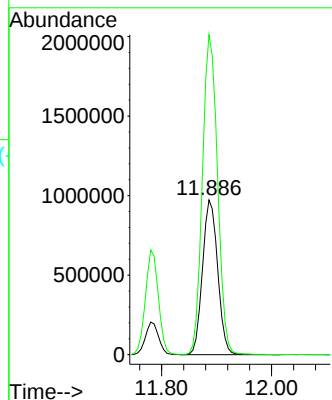
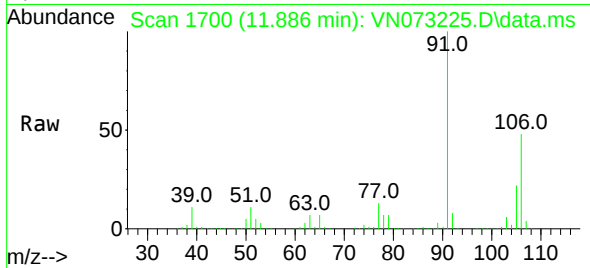
#68
m/p-Xylenes
Concen: 245.636 ug/l
RT: 11.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073225.D
Acq: 29 Jun 2022 02:42

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tgt Ion:106 Resp: 186145
Ion Ratio Lower Upper
106 100
91 206.5 158.9 238.3

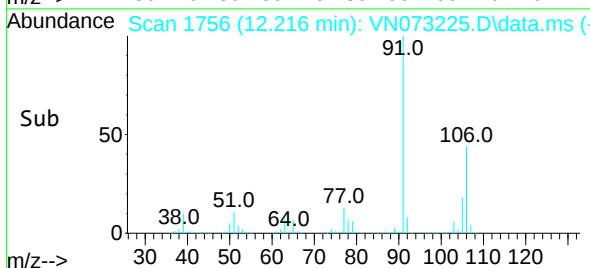
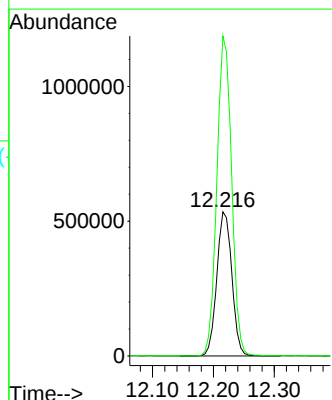
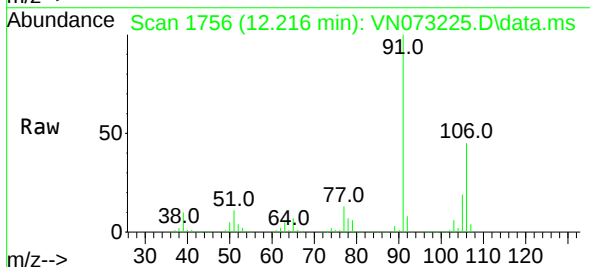
Manual Integrations
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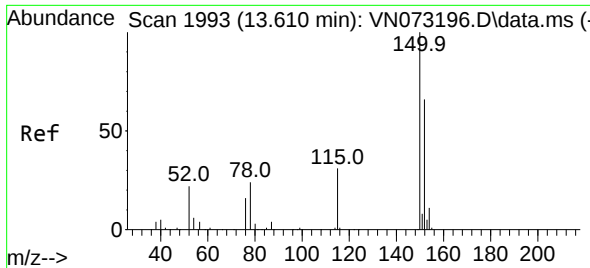
Reviewed By :Mahesh Dadoda 06/30/2022
Supervised By :Semsettin Yesilyurt 06/30/2022



#69
o-Xylene
Concen: 118.537 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VN073225.D
Acq: 29 Jun 2022 02:42

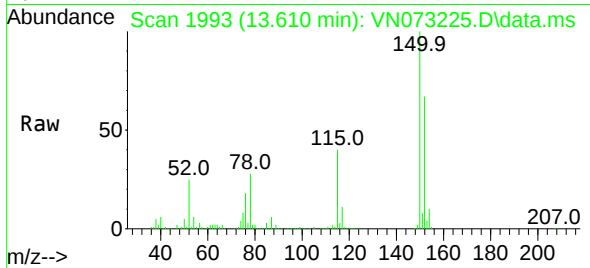
Tgt Ion:106 Resp: 917022
Ion Ratio Lower Upper
106 100
91 218.1 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073225.D
Acq: 29 Jun 2022 02:42

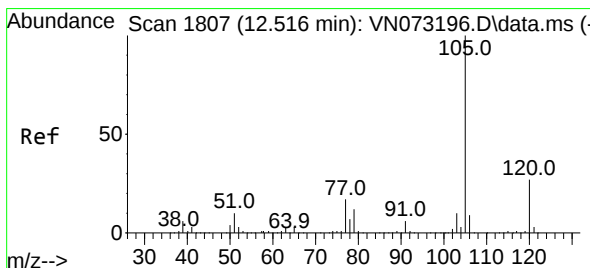
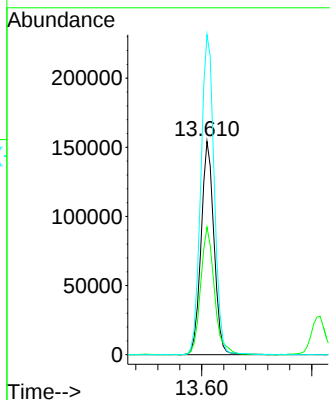
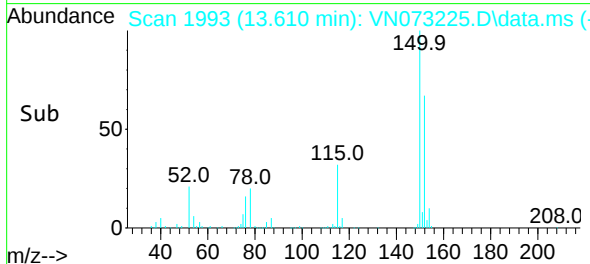
Instrument :
MSVOA_N
ClientSampleId :
MW-3



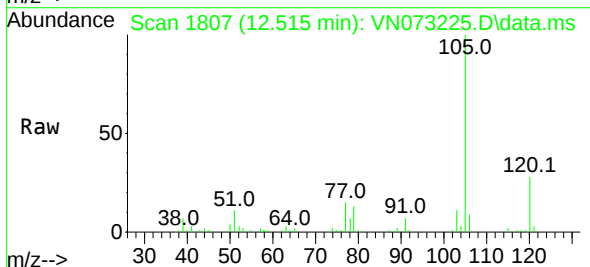
Tgt Ion:152 Resp: 25102
Ion Ratio Lower Upper
152 100
115 63.7 28.9 86.7
150 155.6 0.0 356.2

Manual Integrations
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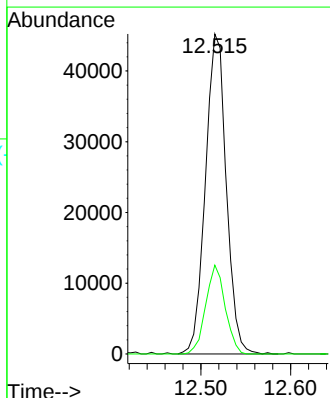
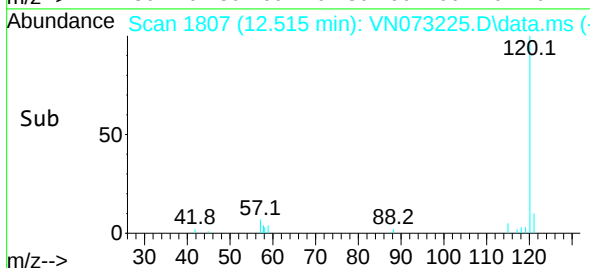
Reviewed By :Mahesh Dadoda 06/30/2022
Supervised By :Semsettin Yesilyurt 06/30/2022

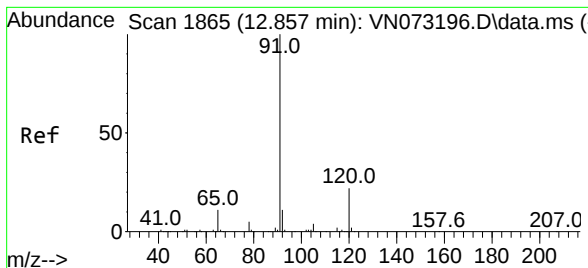


#73
Isopropylbenzene
Concen: 3.367 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. -0.001 min
Lab File: VN073225.D
Acq: 29 Jun 2022 02:42



Tgt Ion:105 Resp: 72994
Ion Ratio Lower Upper
105 100
120 25.8 13.5 40.4





#78

n-propylbenzene

Concen: 4.778 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.000 min

Lab File: VN073225.D

Acq: 29 Jun 2022 02:42

Instrument :

MSVOA_N

ClientSampleId :

MW-3

Tgt Ion: 91 Resp: 11506

Ion Ratio Lower Upper

91 100

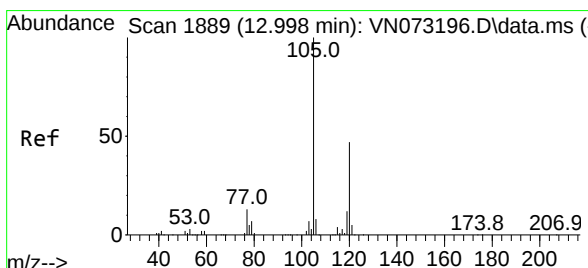
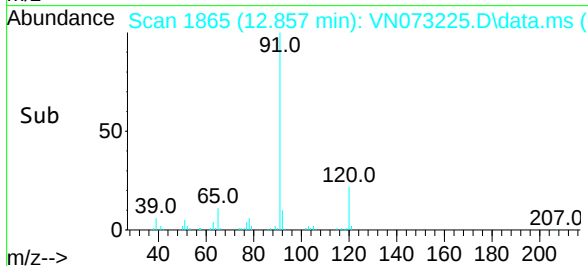
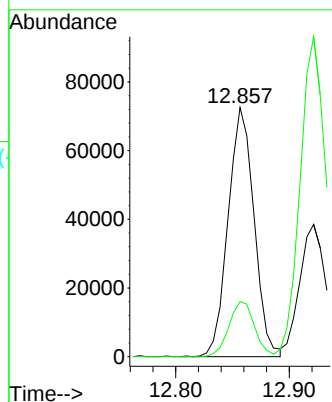
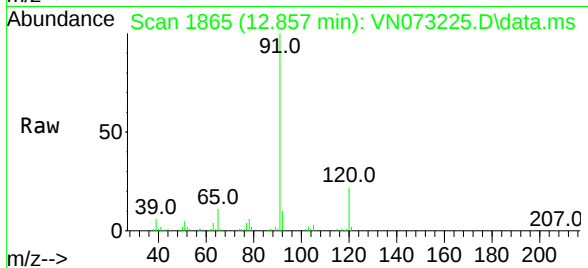
120 21.9 11.9 35.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2022

Supervised By :Semsettin Yesilyurt 06/30/2022



#80

1,3,5-Trimethylbenzene

Concen: 10.423 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN073225.D

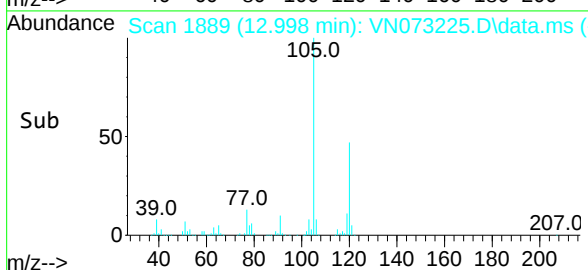
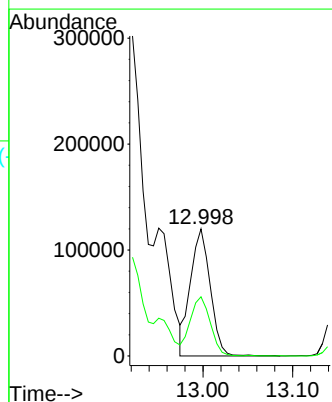
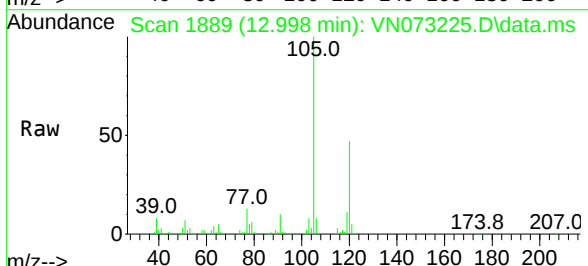
Acq: 29 Jun 2022 02:42

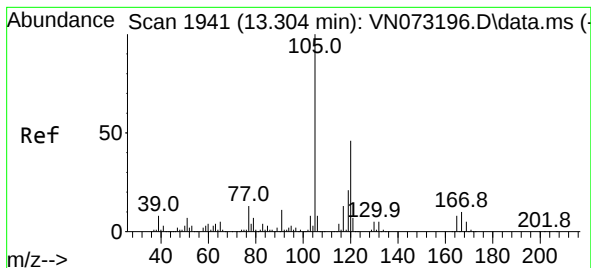
Tgt Ion:105 Resp: 184157

Ion Ratio Lower Upper

105 100

120 47.2 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 41.056 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073225.D

Acq: 29 Jun 2022 02:42

Instrument :

MSVOA_N

ClientSampleId :

MW-3

Tgt Ion:105 Resp: 724224

Ion Ratio Lower Upper

105 100

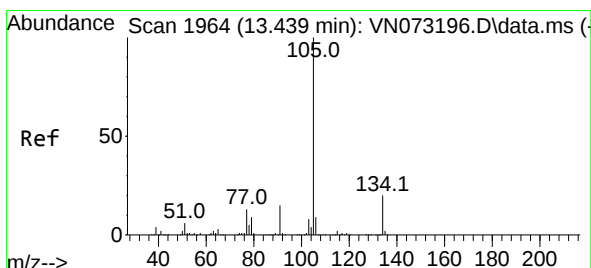
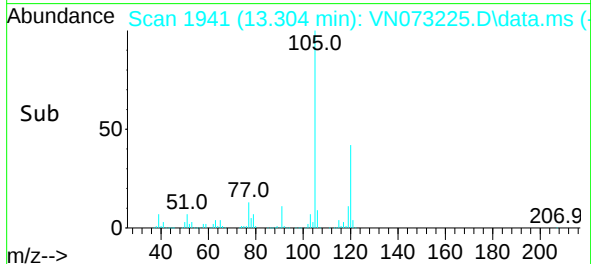
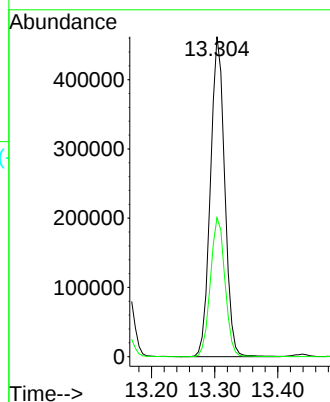
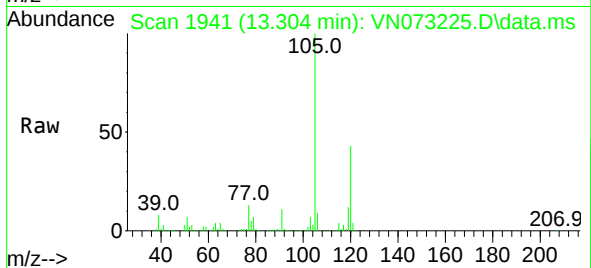
120 44.4 23.3 69.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2022

Supervised By :Semsettin Yesilyurt 06/30/2022



#85

sec-Butylbenzene

Concen: 0.295 ug/l m

RT: 13.439 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VN073225.D

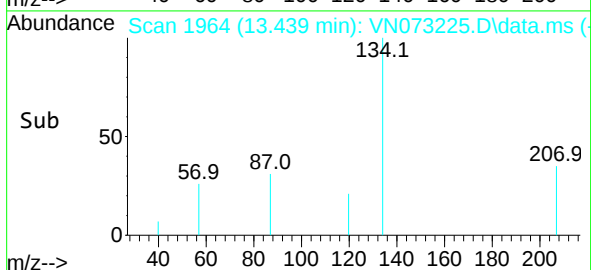
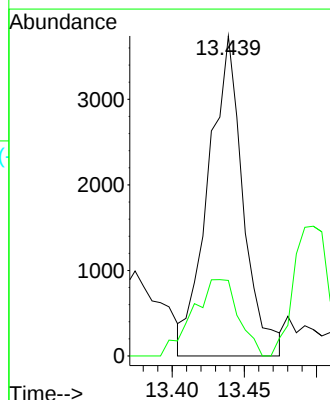
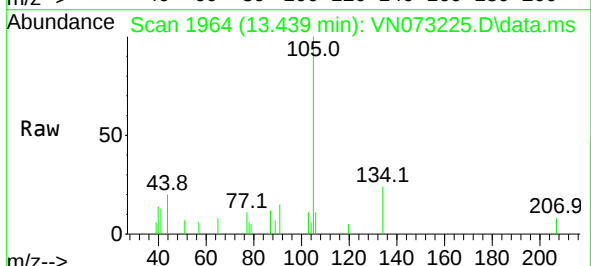
Acq: 29 Jun 2022 02:42

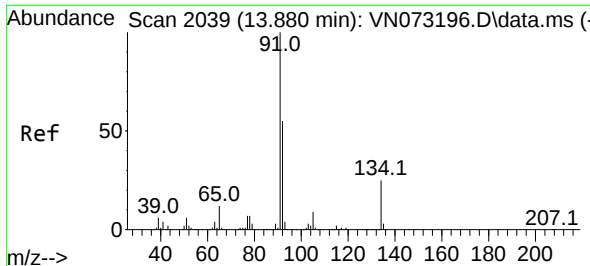
Tgt Ion:105 Resp: 6281

Ion Ratio Lower Upper

105 100

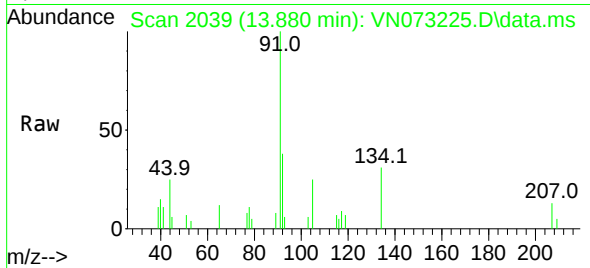
134 0.0 10.4 31.1#





#89
n-Butylbenzene
Concen: 0.332 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073225.D
Acq: 29 Jun 2022 02:42

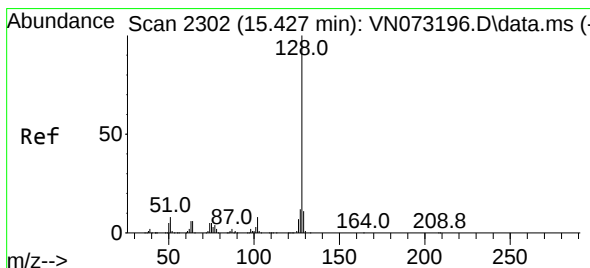
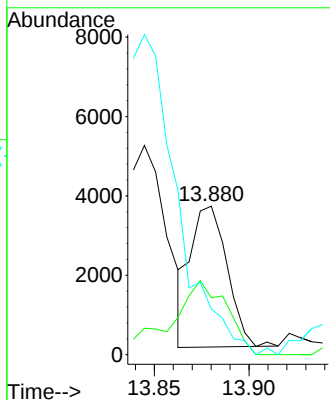
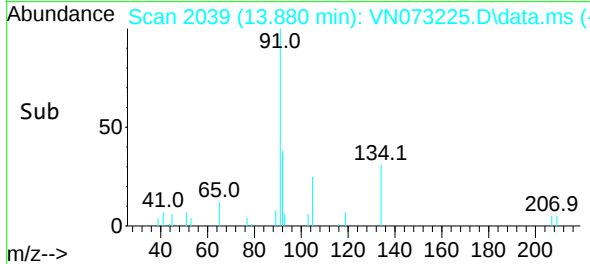
Instrument :
MSVOA_N
ClientSampleId :
MW-3



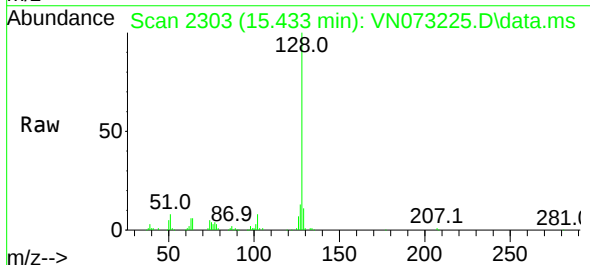
Tgt Ion: 91 Resp: 4752
Ion Ratio Lower Upper
91 100
92 77.0 26.9 80.7
134 0.0 13.6 40.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/30/2022
Supervised By :Semsettin Yesilyurt 06/30/2022



#95
Naphthalene
Concen: 8.915 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073225.D
Acq: 29 Jun 2022 02:42



Tgt Ion:128 Resp: 172466
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.6 8.6 13.0

