

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
 Data File : VN073238.D
 Acq On : 29 Jun 2022 13:16
 Operator : JC\MD
 Sample : N3504-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1614

Quant Time: Jun 29 15:42:04 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

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

Internal Standards						
1) Pentafluorobenzene	8.004	168	454040	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.898	114	738334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.681	117	636278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	315327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	254103	38.767	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	77.540%		
35) Dibromofluoromethane	7.951	113	193349	39.361	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	78.720%		
50) Toluene-d8	10.375	98	755962	43.330	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	86.660%		
62) 4-Bromofluorobenzene	12.669	95	317349	47.333	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.660%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.475	59	15282820m	9625.089	ug/l	
16) Acetone	4.252	43	142257471m	38665.433	ug/l	
20) Methylene Chloride	4.969	84	21153	3.271	ug/l #	92
30) Chloroform	7.740	83	3673	0.335	ug/l	92
37) Ethyl Acetate	7.351	43	24566777	2151.079	ug/l	98
39) Methylcyclohexane	9.381	83	21156	2.248	ug/l #	87
40) Benzene	8.381	78	611012	26.194	ug/l	100
52) Toluene	10.439	92	754515	52.339	ug/l	100
67) Ethyl Benzene	11.780	91	371043	14.203	ug/l	98
68) m/p-Xylenes	11.886	106	479492	48.632	ug/l	97
69) o-Xylene	12.216	106	304519	30.254	ug/l	98
73) Isopropylbenzene	12.516	105	46824	1.720	ug/l	100
78) n-propylbenzene	12.857	91	102738	3.396	ug/l	100
80) 1,3,5-Trimethylbenzene	12.998	105	156728	7.062	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	857573	38.701	ug/l	78
85) sec-Butylbenzene	13.439	105	26423	0.989	ug/l	84
86) p-Isopropyltoluene	13.551	119	25944	1.202	ug/l	95
89) n-Butylbenzene	13.880	91	25358	1.410	ug/l #	81
95) Naphthalene	15.427	128	298064	12.265	ug/l	97

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

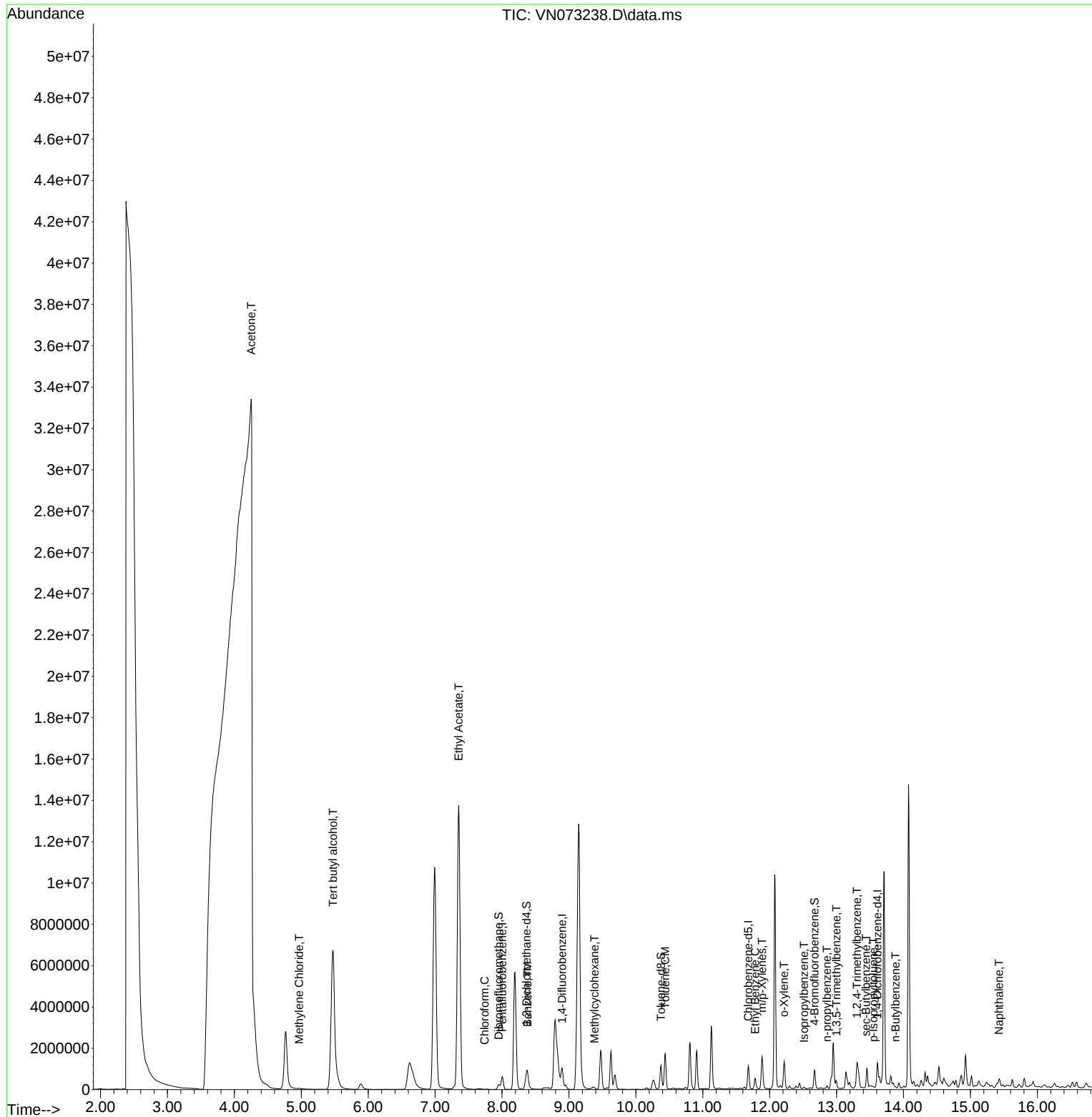
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
Data File : VN073238.D
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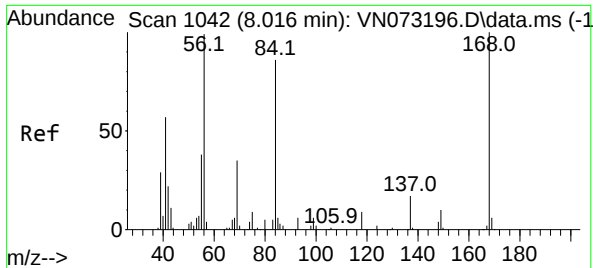
Instrument :
MSVOA_N
ClientSampleId :
TRE-1614

Quant Time: Jun 29 15:42:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
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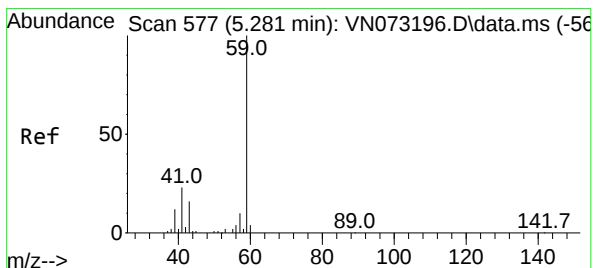
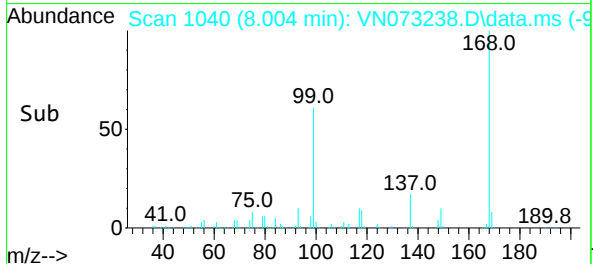
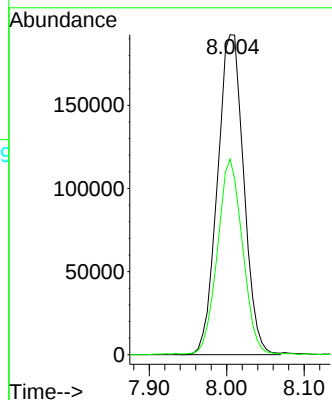
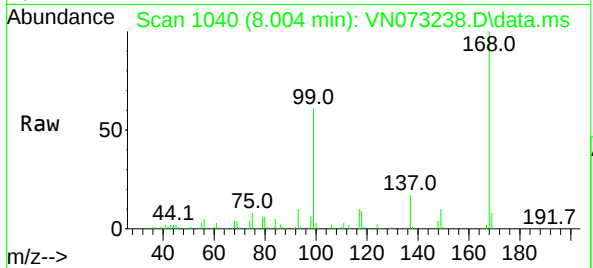
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.004 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VN073238.D
Acq: 29 Jun 2022 13:16

Instrument :
MSVOA_N
ClientSampleId :
TRE-1614

Tgt Ion:168 Resp: 454040
Ion Ratio Lower Upper
168 100
99 60.8 42.3 63.5

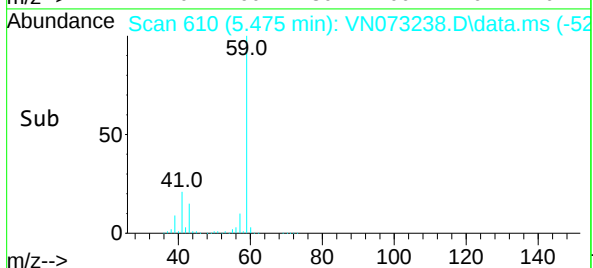
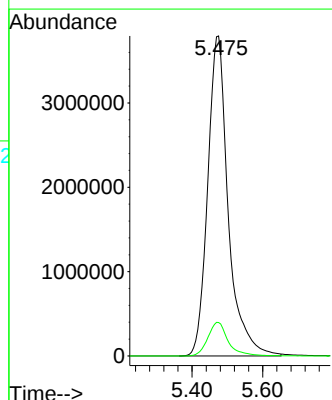
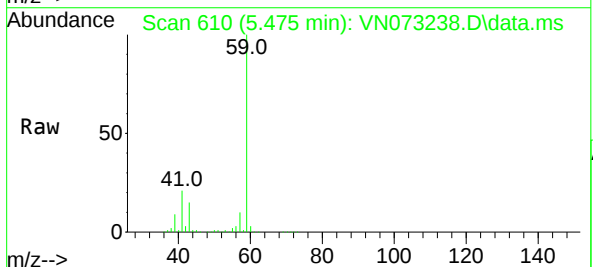
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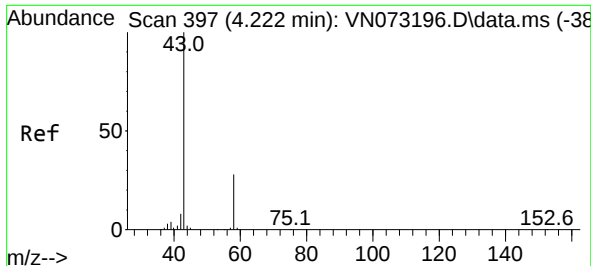
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#11
Tert butyl alcohol
Concen: 9625.089 ug/l m
RT: 5.475 min Scan# 610
Delta R.T. 0.194 min
Lab File: VN073238.D
Acq: 29 Jun 2022 13:16

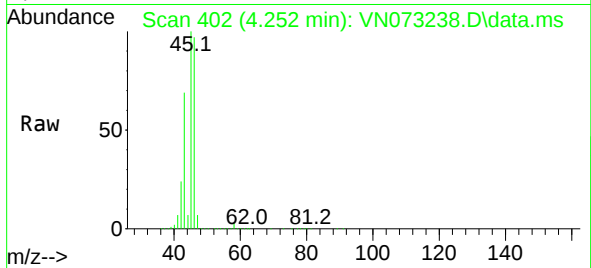
Tgt Ion: 59 Resp:15282820
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16
Acetone
Concen: 38665.433 ug/l m
RT: 4.252 min Scan# 402
Delta R.T. 0.030 min
Lab File: VN073238.D
Acq: 29 Jun 2022 13:16

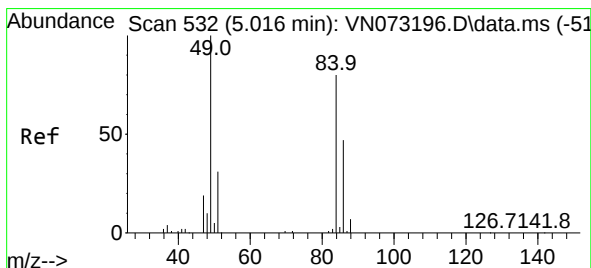
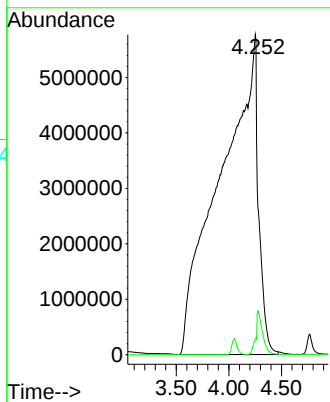
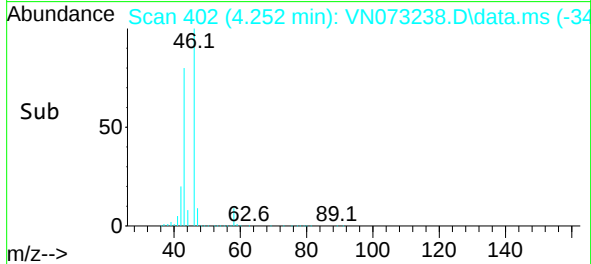
Instrument :
MSVOA_N
ClientSampleId :
TRE-1614



Tgt Ion: 43 Resp:1422574
Ion Ratio Lower Upper
43 100
58 5.0 26.0 39.0

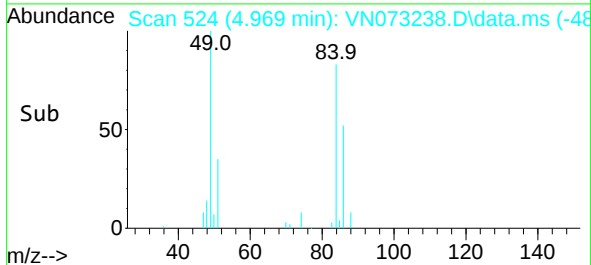
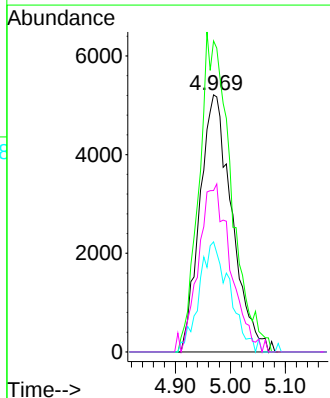
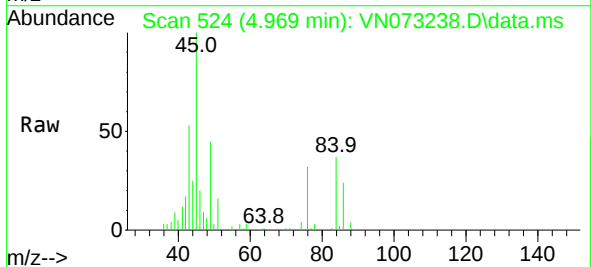
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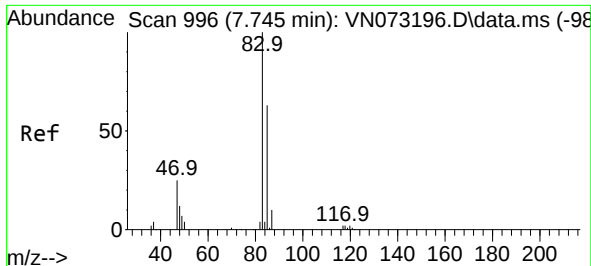
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#20
Methylene Chloride
Concen: 3.271 ug/l
RT: 4.969 min Scan# 524
Delta R.T. -0.047 min
Lab File: VN073238.D
Acq: 29 Jun 2022 13:16

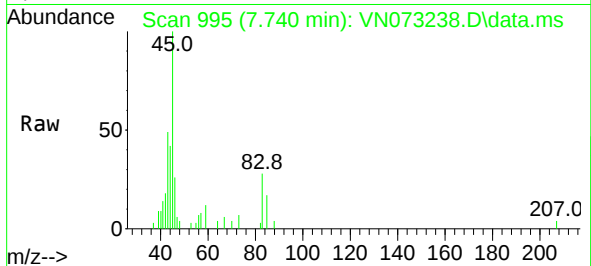
Tgt Ion: 84 Resp: 21153
Ion Ratio Lower Upper
84 100
49 121.0 88.3 132.5
51 42.8 28.2 42.2#
86 62.8 50.6 76.0





#30
Chloroform
Concen: 0.335 ug/l
RT: 7.740 min Scan# 996
Delta R.T. -0.005 min
Lab File: VN073238.D
Acq: 29 Jun 2022 13:16

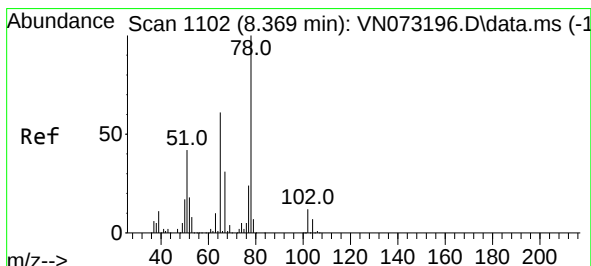
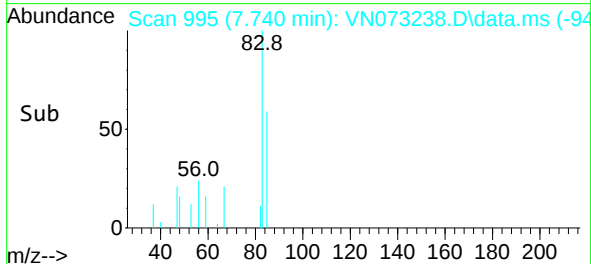
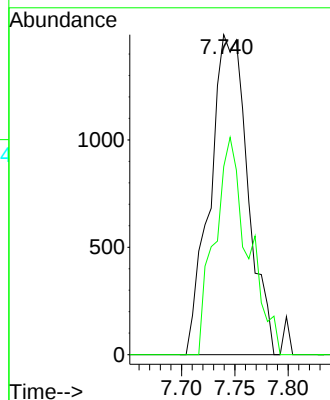
Instrument :
MSVOA_N
ClientSampleId :
TRE-1614



Tgt Ion: 83 Resp: 367
Ion Ratio Lower Upper
83 100
85 58.7 51.8 77.8

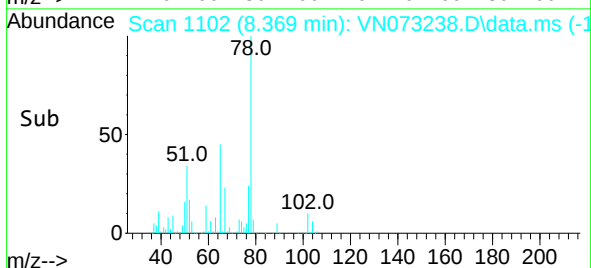
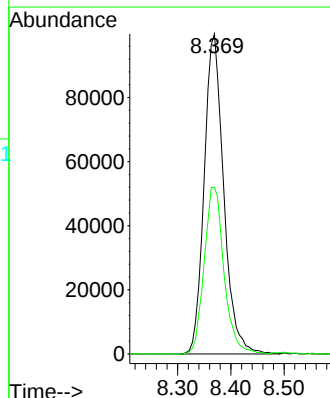
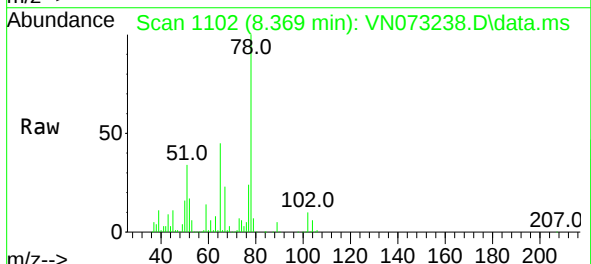
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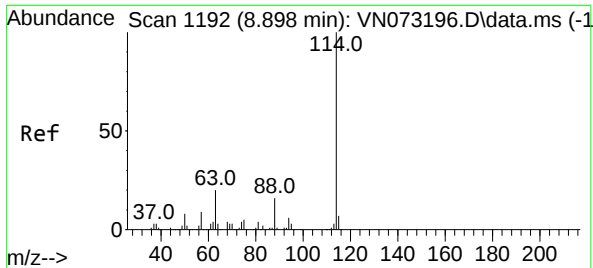
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#33
1,2-Dichloroethane-d4
Concen: 38.767 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073238.D
Acq: 29 Jun 2022 13:16

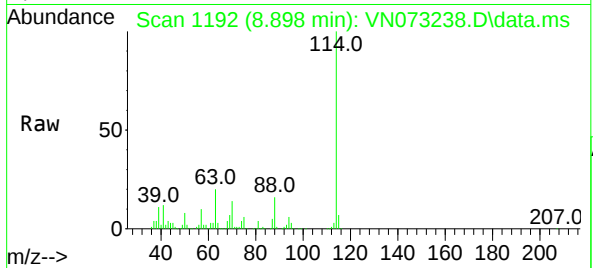
Tgt Ion: 65 Resp: 254103
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073238.D
Acq: 29 Jun 2022 13:16

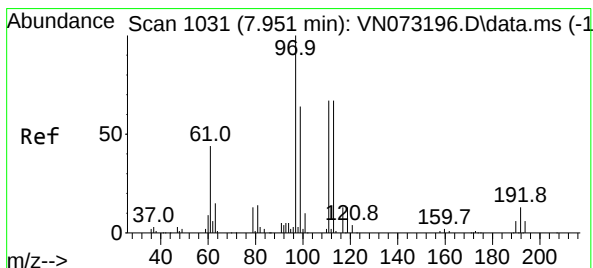
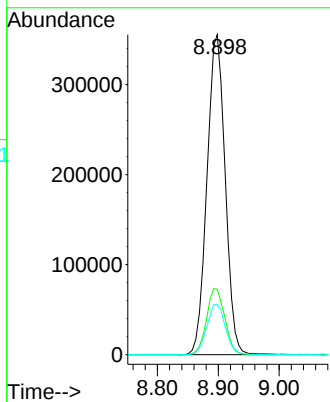
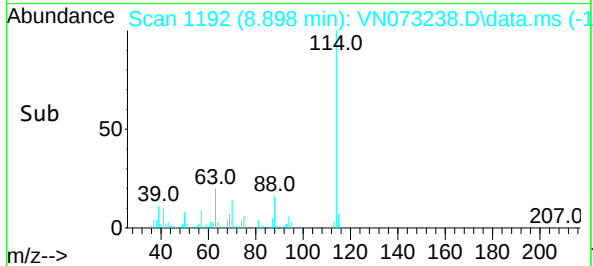
Instrument :
MSVOA_N
ClientSampleId :
TRE-1614



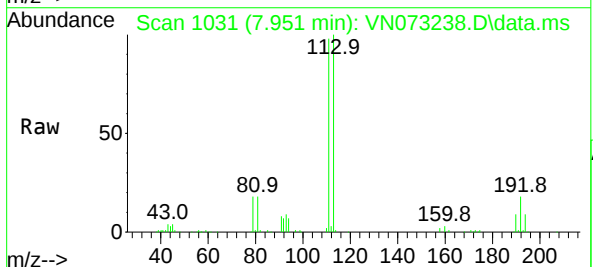
Tgt Ion:114 Resp: 738334
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.0
88 15.7 0.0 32.6

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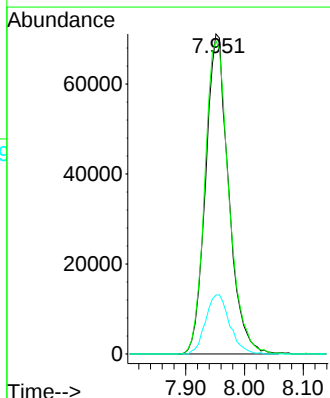
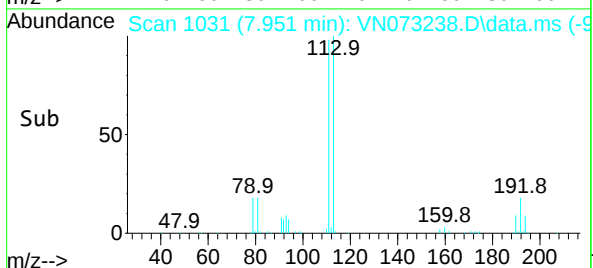
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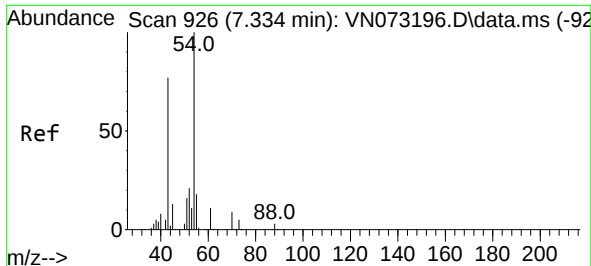


#35
Dibromofluoromethane
Concen: 39.361 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073238.D
Acq: 29 Jun 2022 13:16



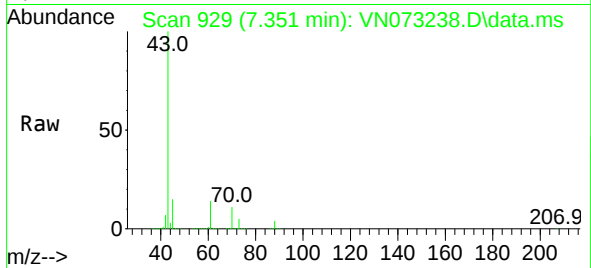
Tgt Ion:113 Resp: 193349
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 19.3 17.0 25.6





#37
Ethyl Acetate
Concen: 2151.079 ug/l
RT: 7.351 min Scan# 91
Delta R.T. 0.017 min
Lab File: VN073238.D
Acq: 29 Jun 2022 13:16

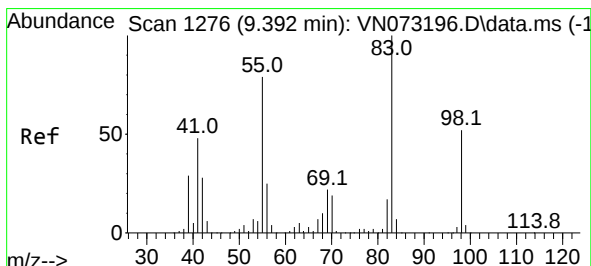
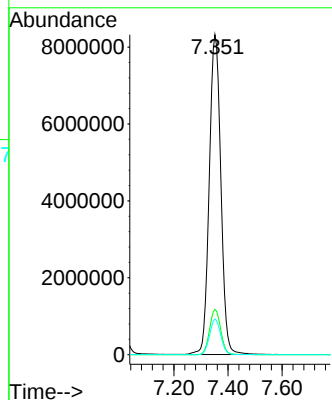
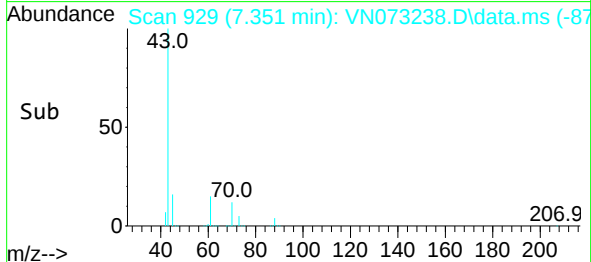
Instrument :
MSVOA_N
ClientSampleId :
TRE-1614



Tgt Ion: 43 Resp: 2456677
Ion Ratio Lower Upper
43 100
61 13.7 11.8 17.6
70 10.8 9.3 13.9

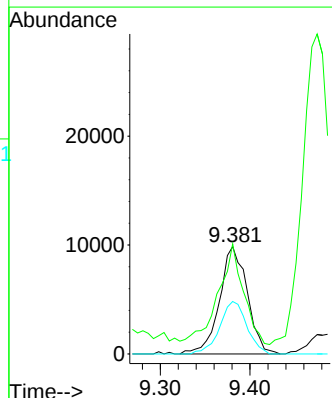
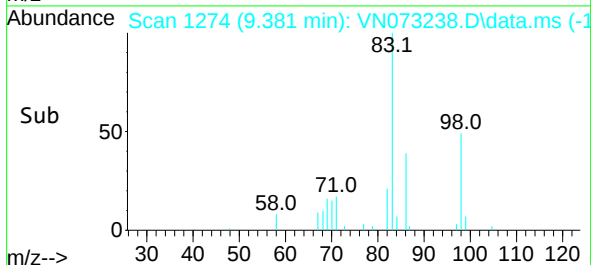
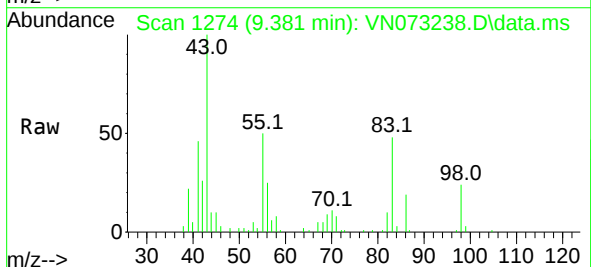
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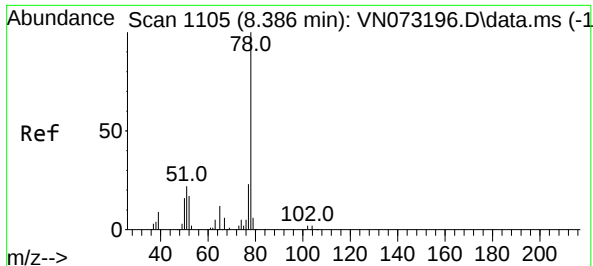
Reviewed By : Semsettin Yesilyurt 07/01/2022
Supervised By : Mahesh Dadoda 07/01/2022



#39
Methylcyclohexane
Concen: 2.248 ug/l
RT: 9.381 min Scan# 1274
Delta R.T. -0.011 min
Lab File: VN073238.D
Acq: 29 Jun 2022 13:16

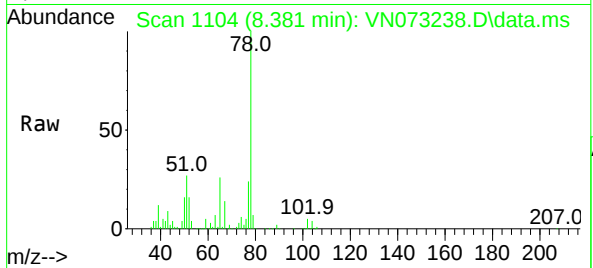
Tgt Ion: 83 Resp: 21156
Ion Ratio Lower Upper
83 100
55 90.7 57.8 86.8#
98 48.9 39.4 59.2





#40
Benzene
Concen: 26.194 ug/l
RT: 8.381 min Scan# 1104
Delta R.T. -0.005 min
Lab File: VN073238.D
Acq: 29 Jun 2022 13:16

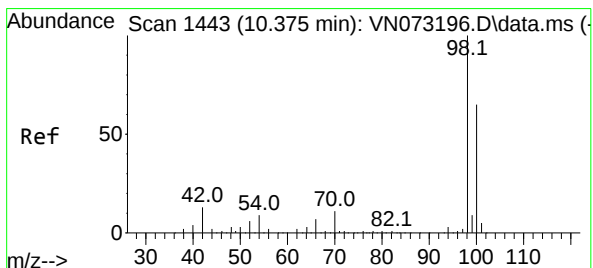
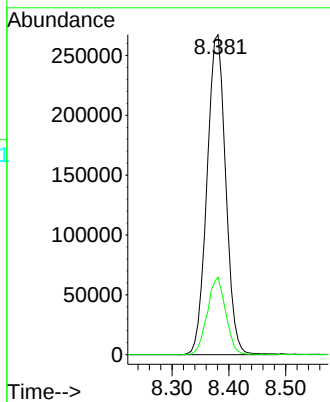
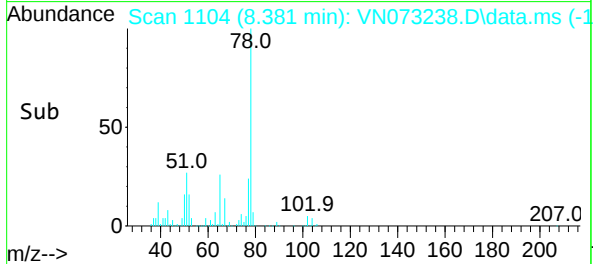
Instrument :
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ClientSampleId :
TRE-1614



Tgt Ion: 78 Resp: 61101
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0

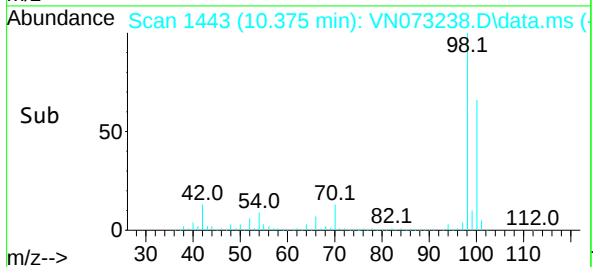
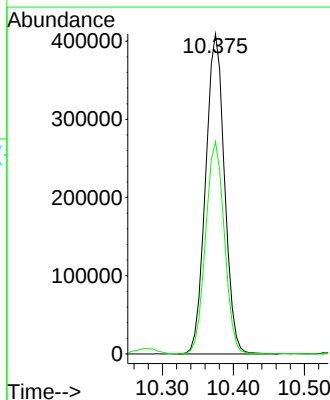
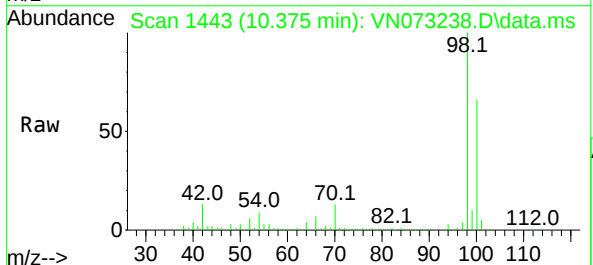
Manual Integrations
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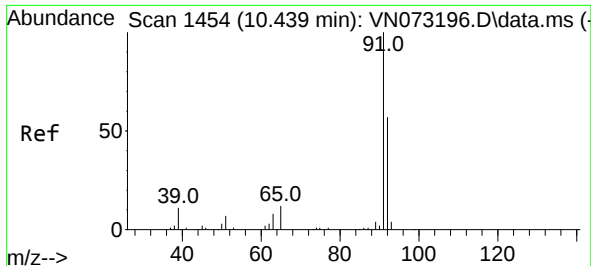
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#50
Toluene-d8
Concen: 43.330 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073238.D
Acq: 29 Jun 2022 13:16

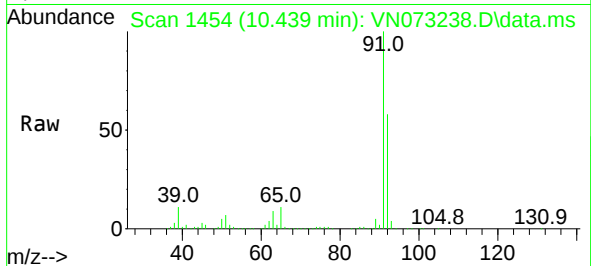
Tgt Ion: 98 Resp: 755962
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8





#52
Toluene
Concen: 52.339 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073238.D
Acq: 29 Jun 2022 13:16

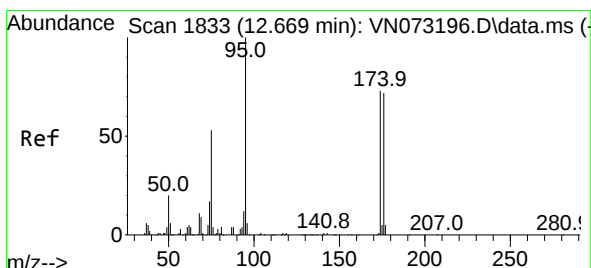
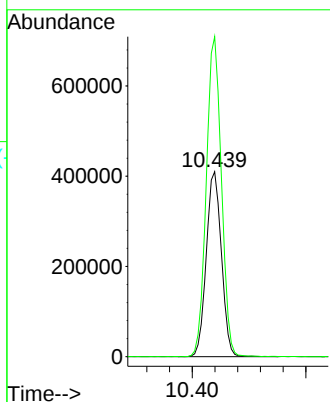
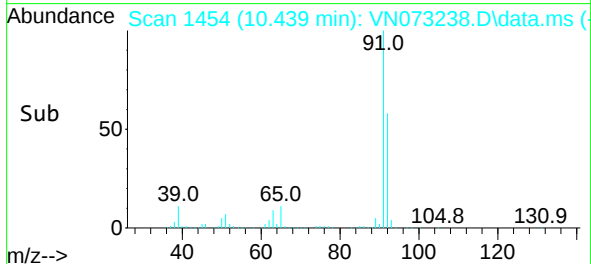
Instrument :
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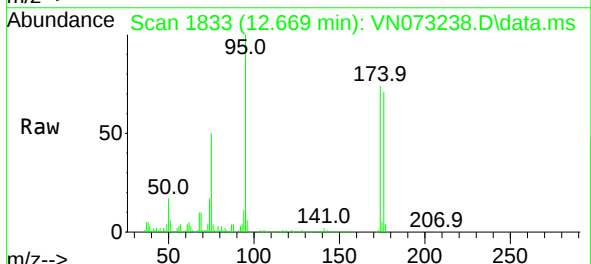
Tgt Ion: 92 Resp: 754515
Ion Ratio Lower Upper
92 100
91 172.6 138.6 207.8

Manual Integrations
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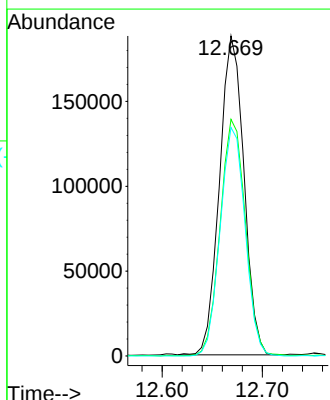
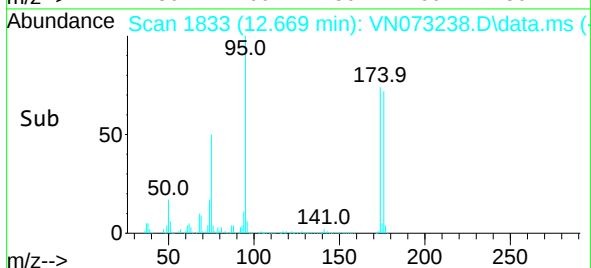
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

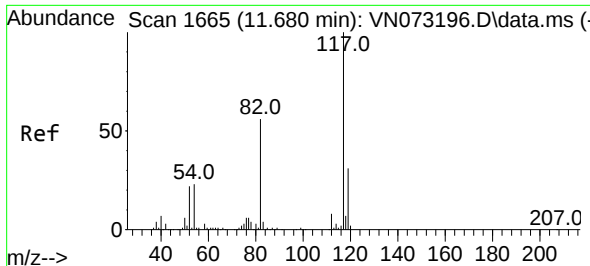


#62
4-Bromofluorobenzene
Concen: 47.333 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073238.D
Acq: 29 Jun 2022 13:16



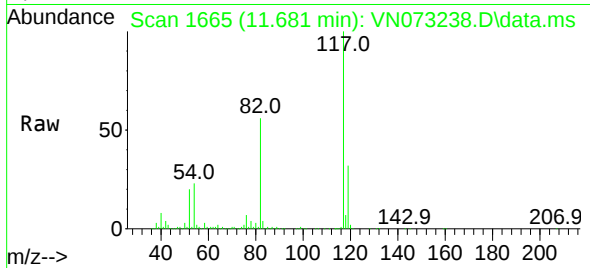
Tgt Ion: 95 Resp: 317349
Ion Ratio Lower Upper
95 100
174 76.6 0.0 167.6
176 73.3 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.681 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VN073238.D
Acq: 29 Jun 2022 13:16

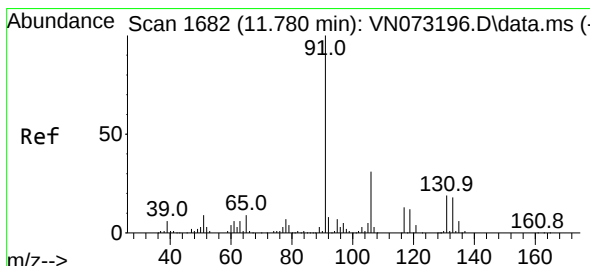
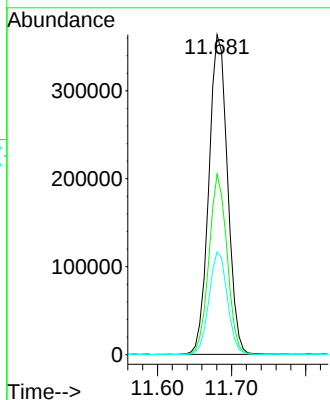
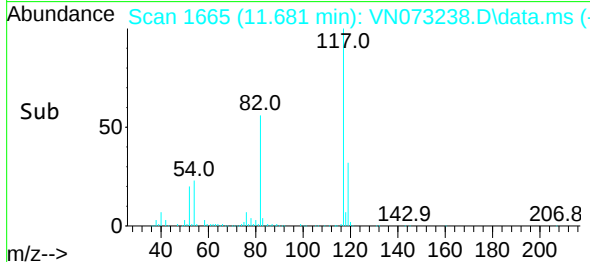
Instrument :
MSVOA_N
ClientSampleId :
TRE-1614



Tgt Ion: 117 Resp: 636278
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.2
119 32.1 25.4 38.0

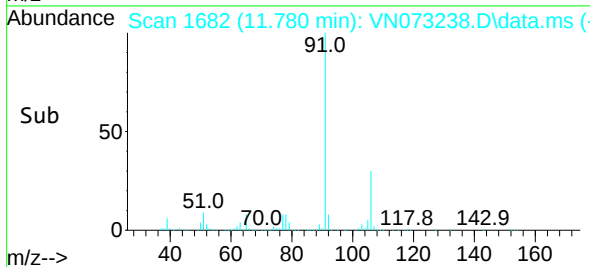
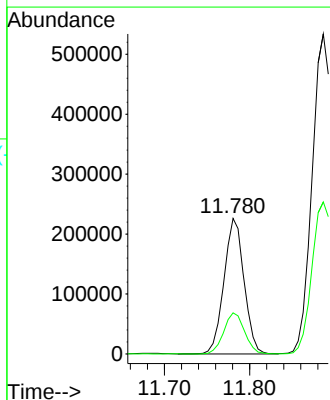
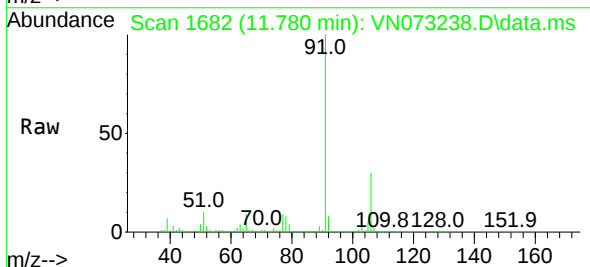
Manual Integrations
APPROVED

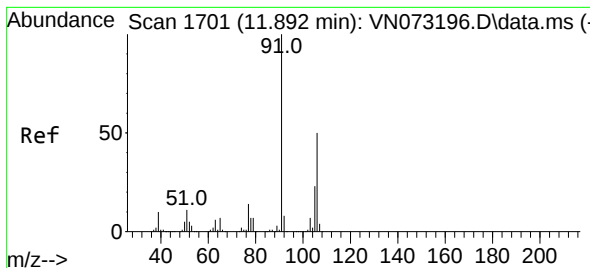
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#67
Ethyl Benzene
Concen: 14.203 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073238.D
Acq: 29 Jun 2022 13:16

Tgt Ion: 91 Resp: 371043
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3





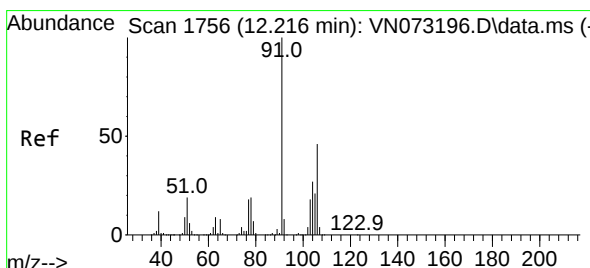
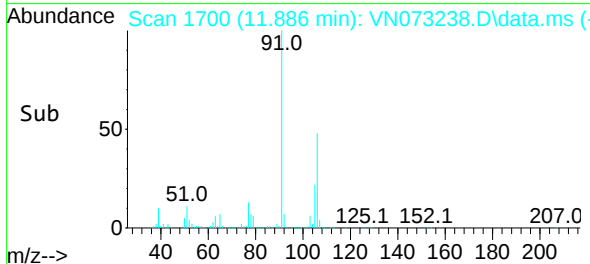
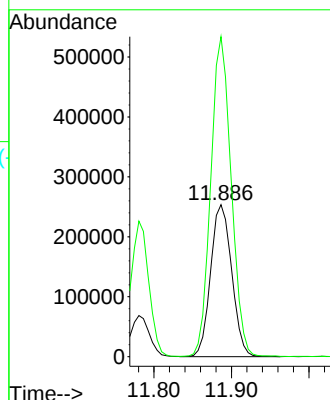
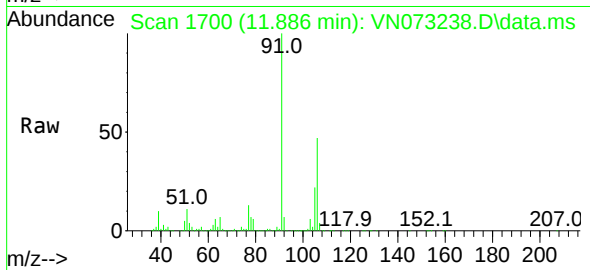
#68
m/p-Xylenes
Concen: 48.632 ug/l
RT: 11.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073238.D
Acq: 29 Jun 2022 13:16

Instrument :
MSVOA_N
ClientSampleId :
TRE-1614

Tgt Ion:106 Resp: 479492
Ion Ratio Lower Upper
106 100
91 203.8 158.9 238.3

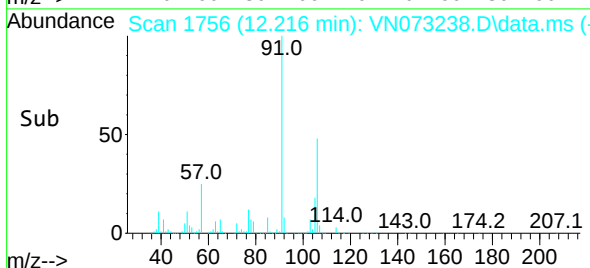
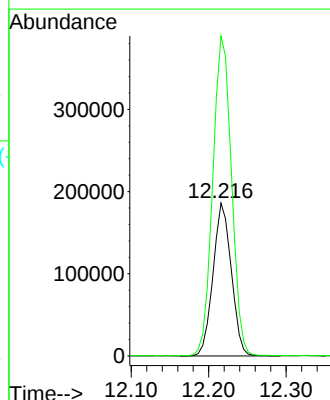
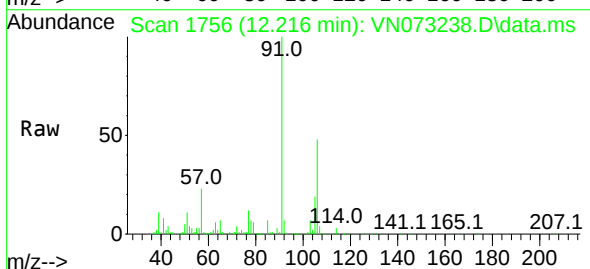
Manual Integrations
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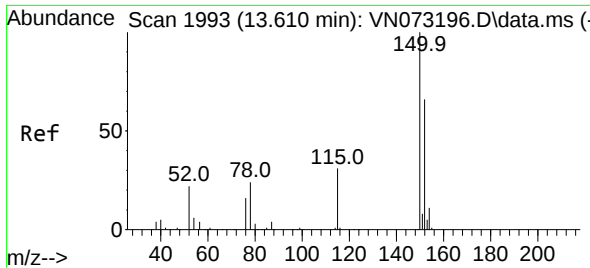
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#69
o-Xylene
Concen: 30.254 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VN073238.D
Acq: 29 Jun 2022 13:16

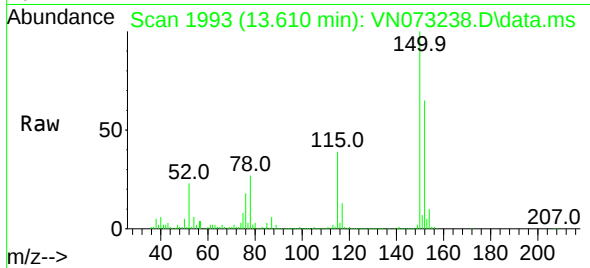
Tgt Ion:106 Resp: 304519
Ion Ratio Lower Upper
106 100
91 214.5 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073238.D
Acq: 29 Jun 2022 13:16

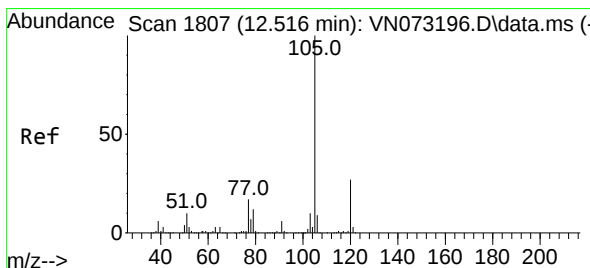
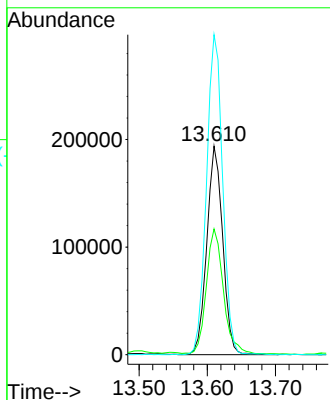
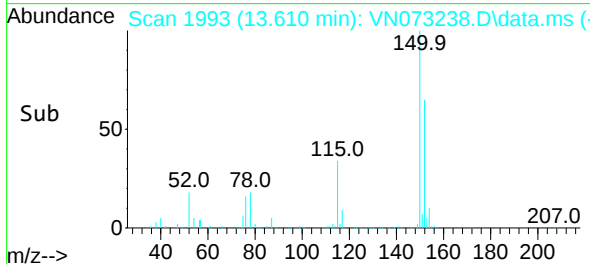
Instrument :
MSVOA_N
ClientSampleId :
TRE-1614



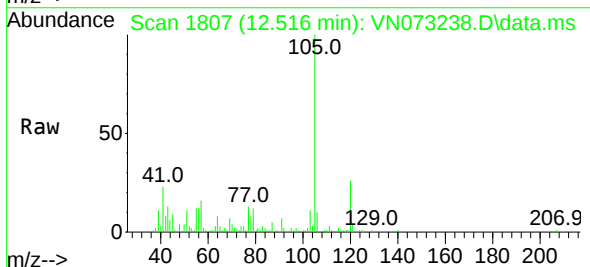
Tgt Ion:152 Resp: 31532
Ion Ratio Lower Upper
152 100
115 65.7 28.9 86.7
150 155.5 0.0 356.2

Manual Integrations
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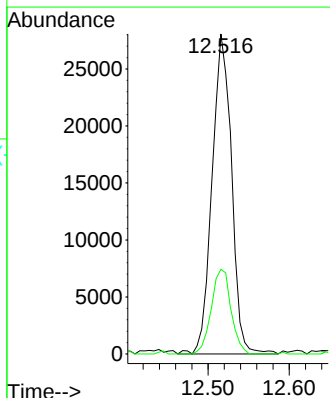
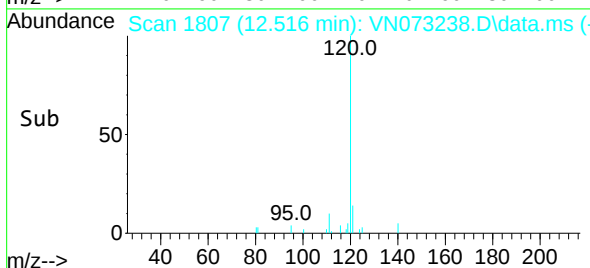
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

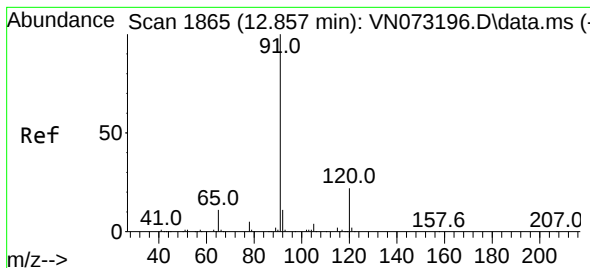


#73
Isopropylbenzene
Concen: 1.720 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073238.D
Acq: 29 Jun 2022 13:16



Tgt Ion:105 Resp: 46824
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4





#78

n-propylbenzene

Concen: 3.396 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.000 min

Lab File: VN073238.D

Acq: 29 Jun 2022 13:16

Instrument :

MSVOA_N

ClientSampleId :

TRE-1614

Tgt Ion: 91 Resp: 102738

Ion Ratio Lower Upper

91 100

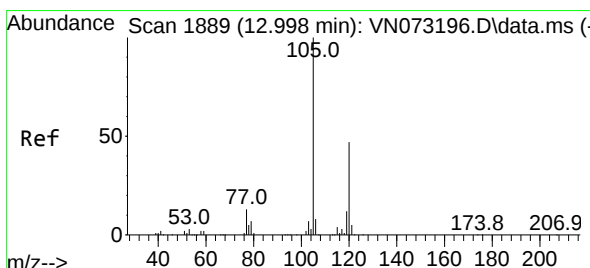
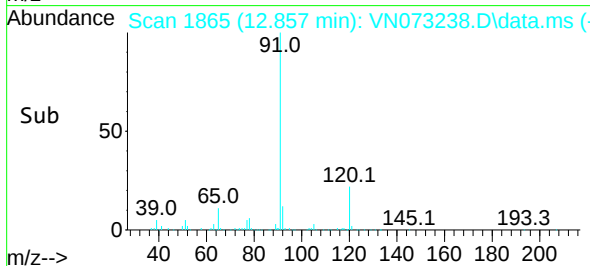
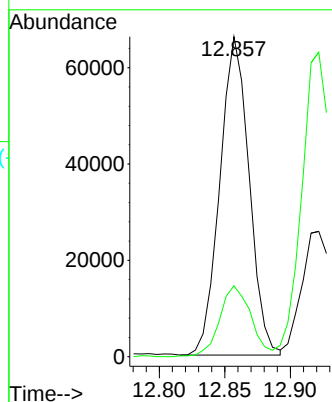
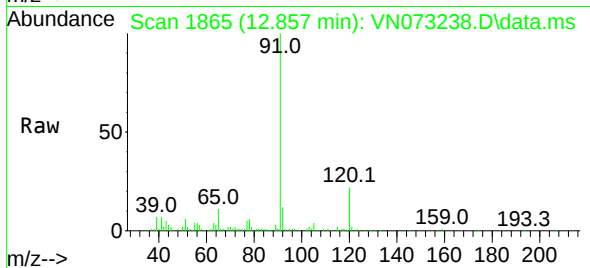
120 23.8 11.9 35.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#80

1,3,5-Trimethylbenzene

Concen: 7.062 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN073238.D

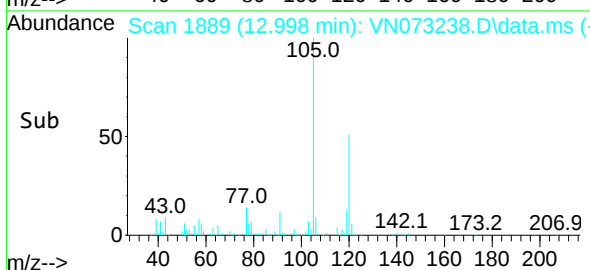
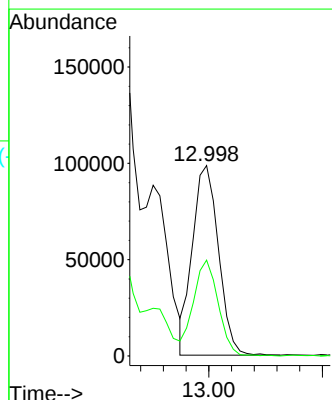
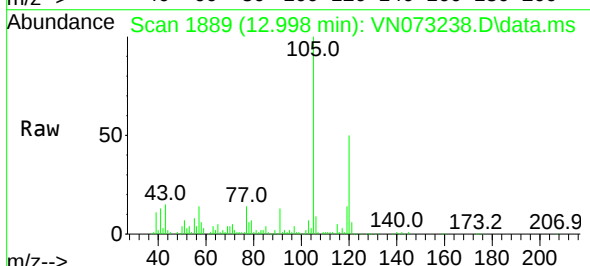
Acq: 29 Jun 2022 13:16

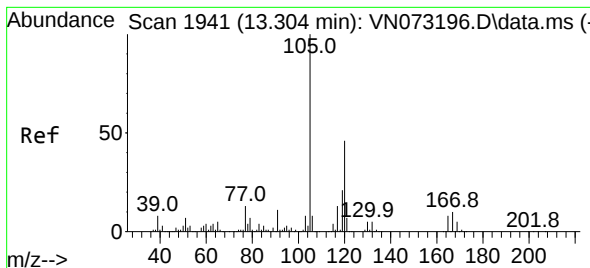
Tgt Ion:105 Resp: 156728

Ion Ratio Lower Upper

105 100

120 48.3 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 38.701 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073238.D

Acq: 29 Jun 2022 13:16

Instrument :

MSVOA_N

ClientSampleId :

TRE-1614

Tgt Ion:105 Resp: 85757

Ion Ratio Lower Upper

105 100

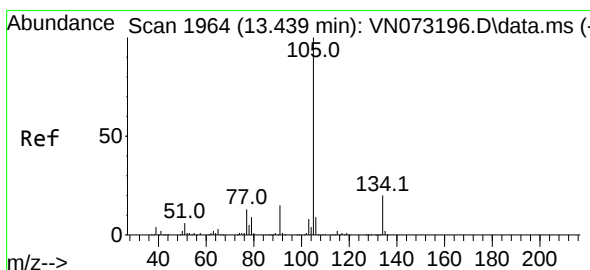
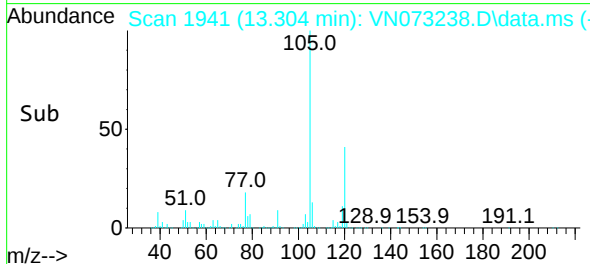
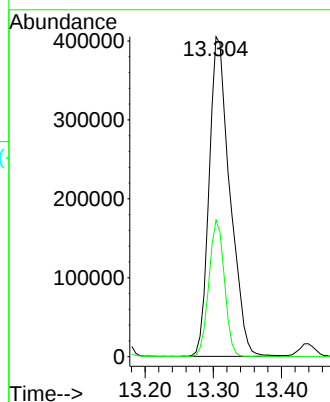
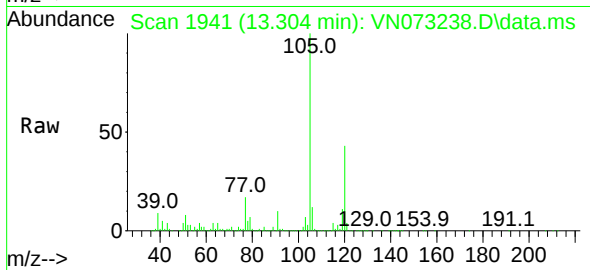
120 32.0 23.3 69.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#85

sec-Butylbenzene

Concen: 0.989 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN073238.D

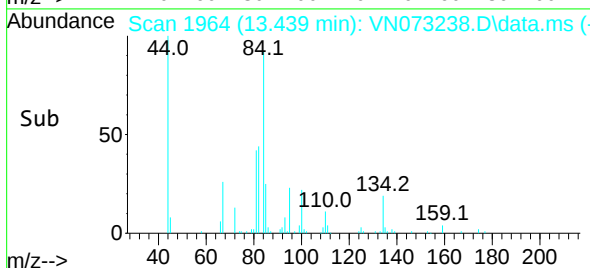
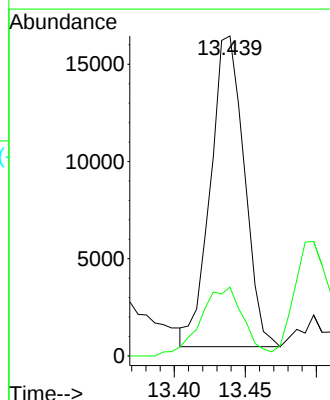
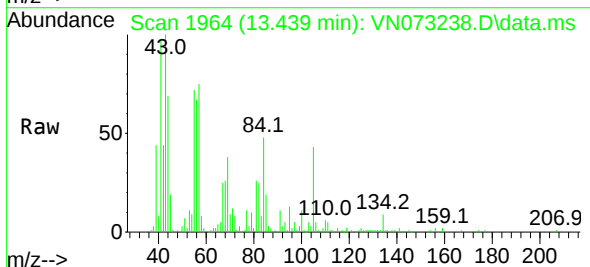
Acq: 29 Jun 2022 13:16

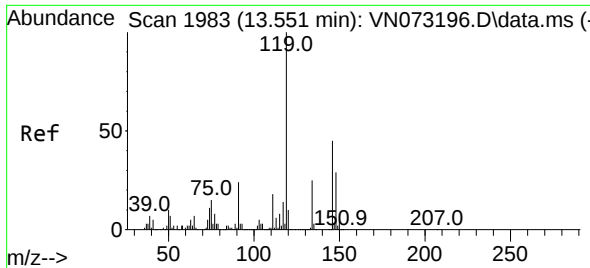
Tgt Ion:105 Resp: 26423

Ion Ratio Lower Upper

105 100

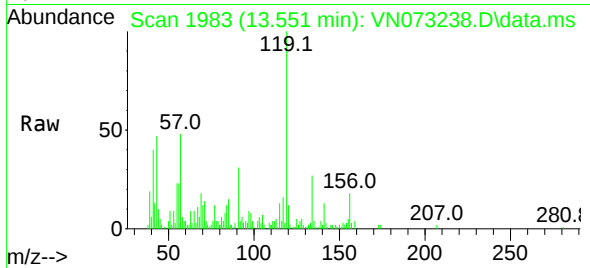
134 28.1 10.4 31.1





#86
p-Isopropyltoluene
Concen: 1.202 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN073238.D
Acq: 29 Jun 2022 13:16

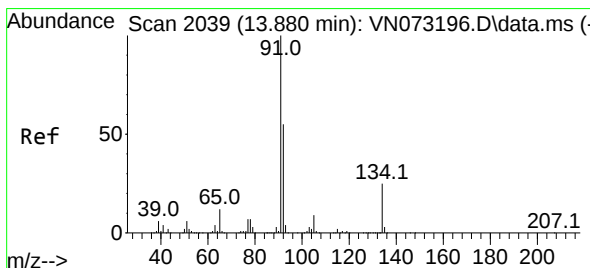
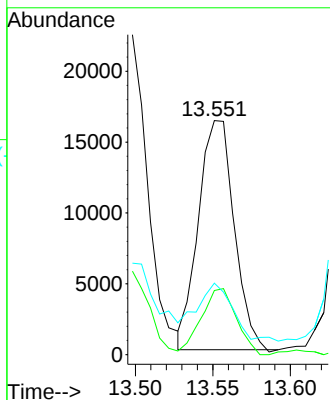
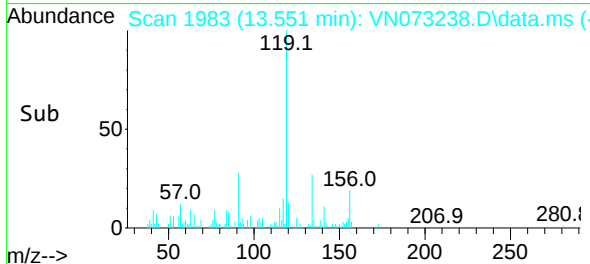
Instrument :
MSVOA_N
ClientSampleId :
TRE-1614



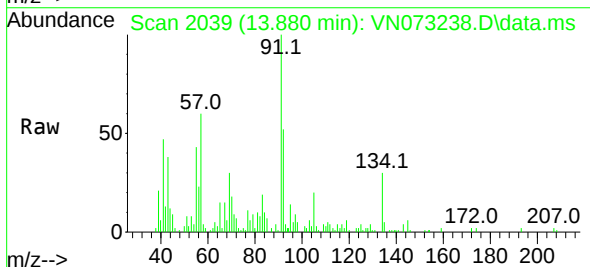
Tgt Ion: 119 Resp: 25944
Ion Ratio Lower Upper
119 100
134 28.3 13.3 39.8
91 25.8 11.3 33.9

Manual Integrations
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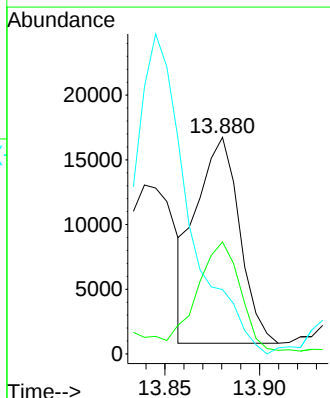
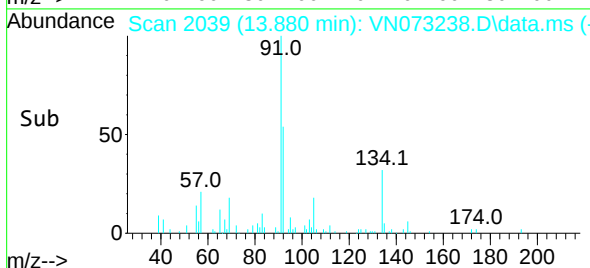
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

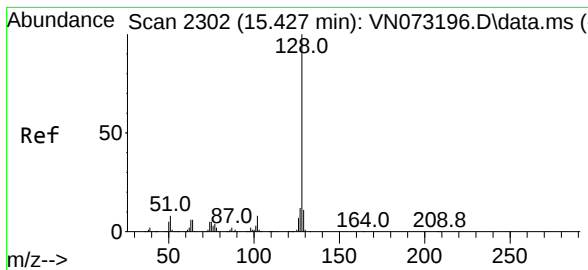


#89
n-Butylbenzene
Concen: 1.410 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073238.D
Acq: 29 Jun 2022 13:16



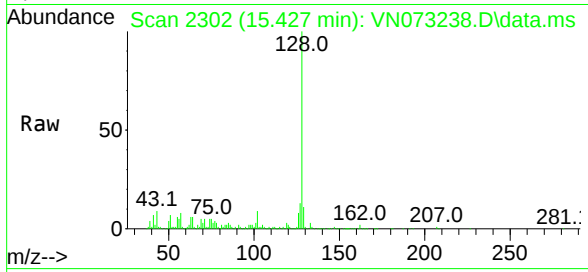
Tgt Ion: 91 Resp: 25358
Ion Ratio Lower Upper
91 100
92 52.5 26.9 80.7
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 12.265 ug/l
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073238.D
Acq: 29 Jun 2022 13:16

Instrument :
MSVOA_N
ClientSampleId :
TRE-1614



Tgt Ion:128 Resp: 298064
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 11.9 8.6 13.0

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

