

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
 Data File : VN073239.D
 Acq On : 29 Jun 2022 13:41
 Operator : JC\MD
 Sample : N3504-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1615

Quant Time: Jun 29 15:42:46 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	516175	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.898	114	840850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	669847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	323871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	286317	38.424	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	76.840%		
35) Dibromofluoromethane	7.951	113	222526	39.777	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	79.560%		
50) Toluene-d8	10.375	98	860092	43.288	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	86.580%		
62) 4-Bromofluorobenzene	12.669	95	324831	42.542	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.080%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.551	59	21493392m	11907.027	ug/l	
16) Acetone	4.269	43	183343668m	43833.976	ug/l	
20) Methylene Chloride	4.963	84	22276	3.030	ug/l	90
37) Ethyl Acetate	7.363	43	24624667	1893.271	ug/l	98
40) Benzene	8.381	78	788143	29.668	ug/l	99
51) 4-Methyl-2-Pentanone	10.269	43	445808	37.609	ug/l #	48
52) Toluene	10.439	92	1077785	65.649	ug/l	98
67) Ethyl Benzene	11.780	91	491443	17.868	ug/l	100
68) m/p-Xylenes	11.886	106	645862	62.223	ug/l	97
69) o-Xylene	12.216	106	370171	34.934	ug/l	99
73) Isopropylbenzene	12.516	105	48574	1.737	ug/l	98
78) n-propylbenzene	12.857	91	125101	4.026	ug/l	100
80) 1,3,5-Trimethylbenzene	12.998	105	159302	6.988	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	723247	31.778	ug/l	93
85) sec-Butylbenzene	13.439	105	22475	0.819	ug/l	82
86) p-Isopropyltoluene	13.551	119	25578	1.154	ug/l	89
89) n-Butylbenzene	13.880	91	24286	1.315	ug/l #	77
95) Naphthalene	15.427	128	468571	18.772	ug/l	99

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

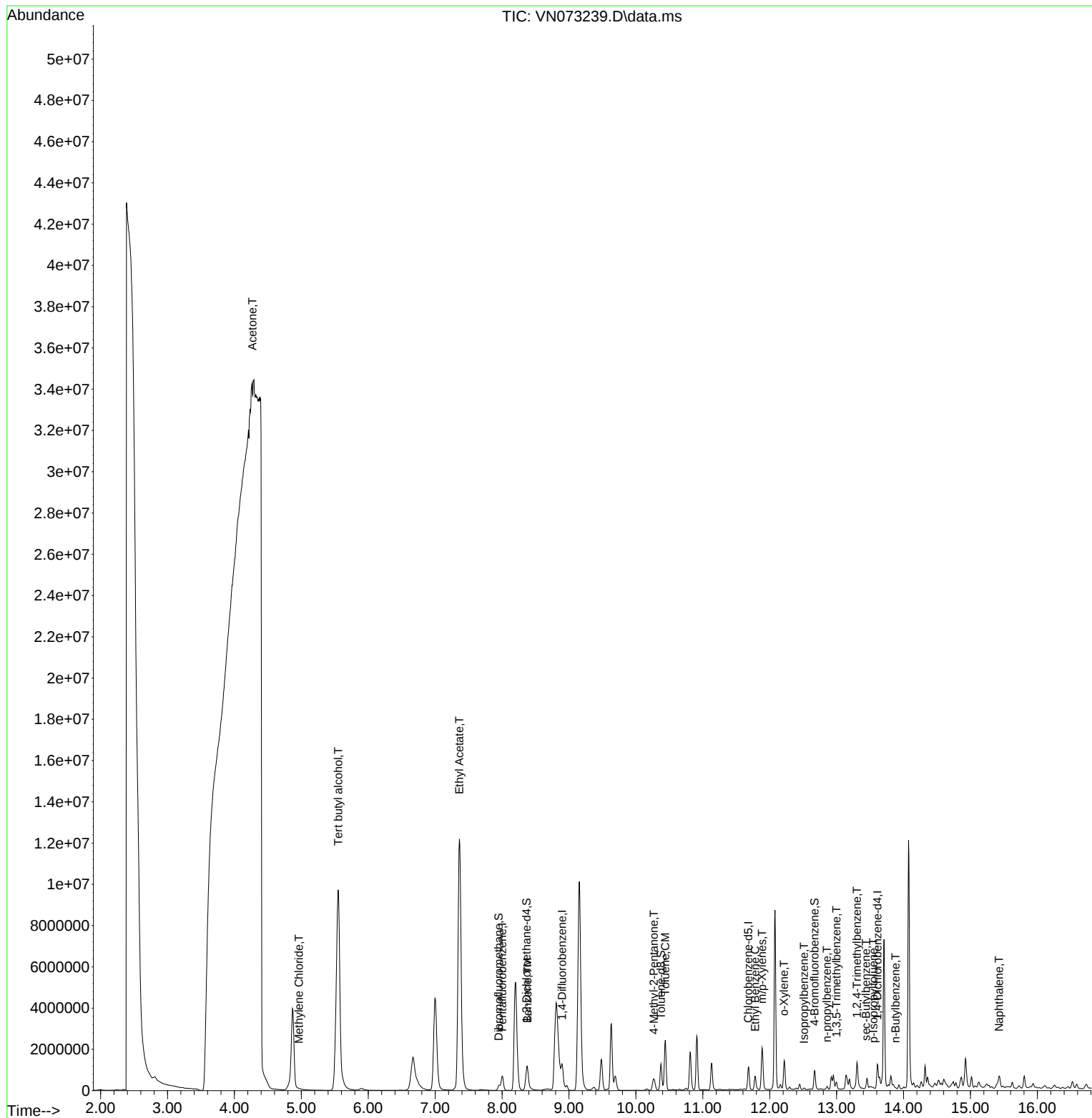
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
Data File : VN073239.D
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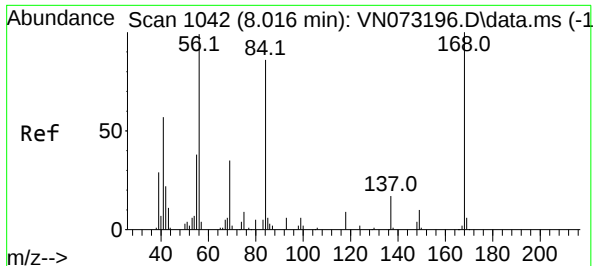
Instrument :
MSVOA_N
ClientSampleId :
TRE-1615

Quant Time: Jun 29 15:42:46 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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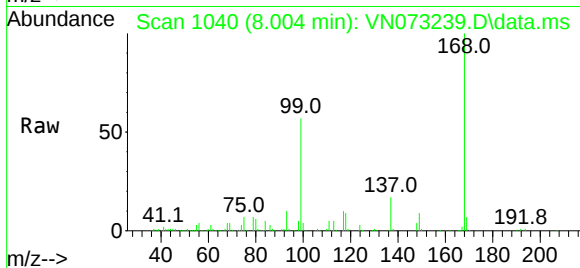
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.004 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VN073239.D
Acq: 29 Jun 2022 13:41

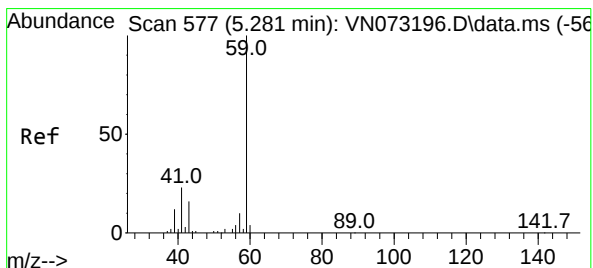
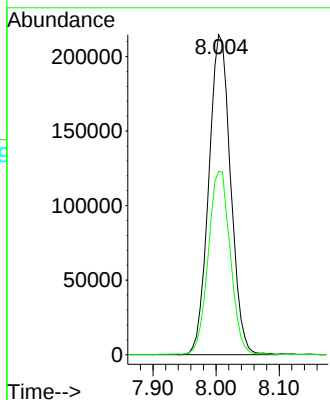
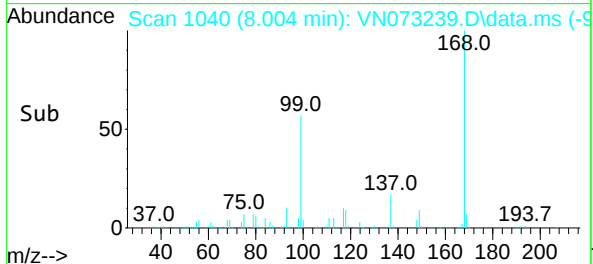
Instrument :
MSVOA_N
ClientSampleId :
TRE-1615



Tgt Ion:168 Resp: 51617
Ion Ratio Lower Upper
168 100
99 57.1 42.3 63.5

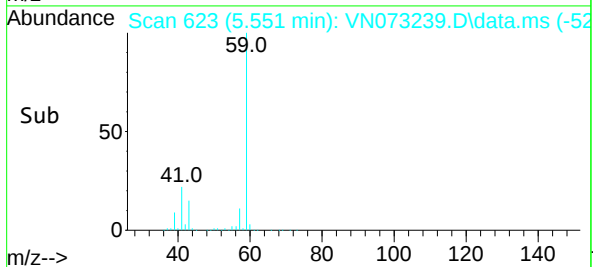
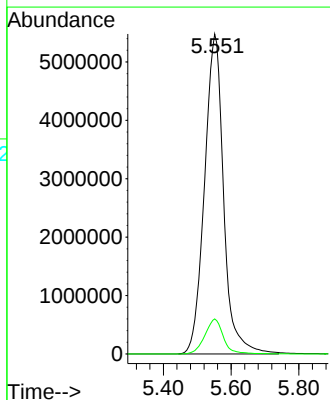
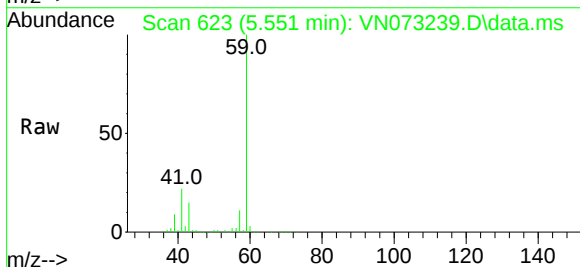
Manual Integrations
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#11
Tert butyl alcohol
Concen: 11907.027 ug/l m
RT: 5.551 min Scan# 623
Delta R.T. 0.270 min
Lab File: VN073239.D
Acq: 29 Jun 2022 13:41

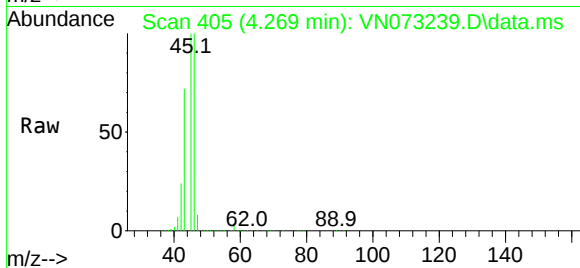
Tgt Ion: 59 Resp:21493392
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16
Acetone
Concen: 43833.976 ug/l m
RT: 4.269 min Scan# 405
Delta R.T. 0.047 min
Lab File: VN073239.D
Acq: 29 Jun 2022 13:41

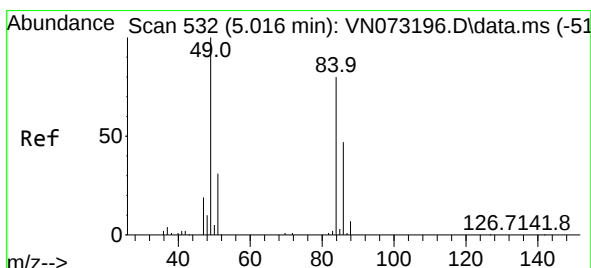
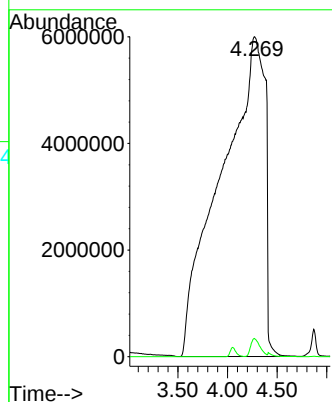
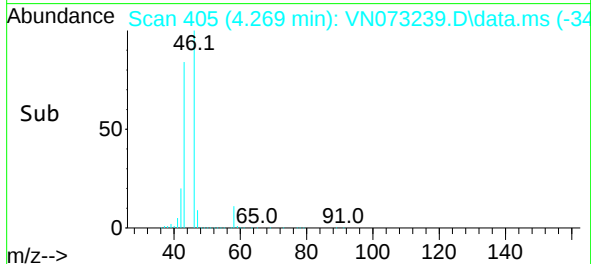
Instrument :
MSVOA_N
ClientSampleId :
TRE-1615



Tgt Ion: 43 Resp:1833436
Ion Ratio Lower Upper
43 100
58 5.7 26.0 39.0

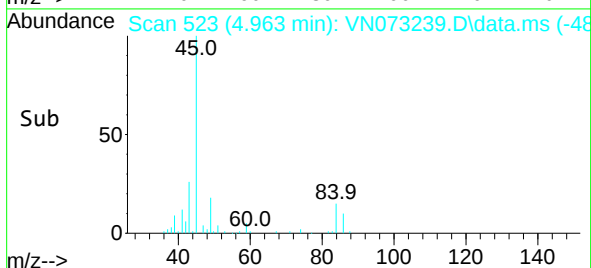
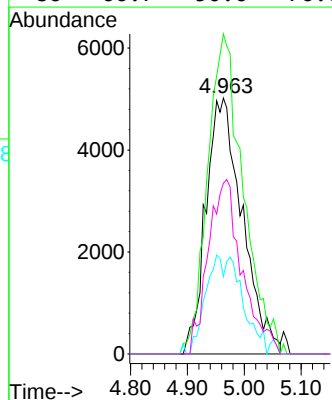
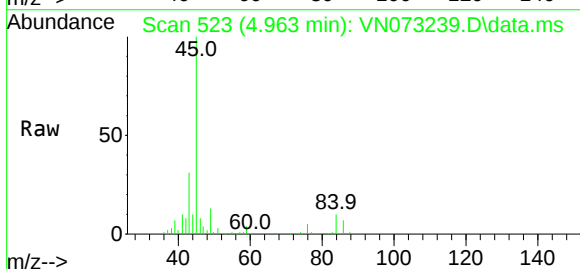
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#20
Methylene Chloride
Concen: 3.030 ug/l
RT: 4.963 min Scan# 523
Delta R.T. -0.053 min
Lab File: VN073239.D
Acq: 29 Jun 2022 13:41

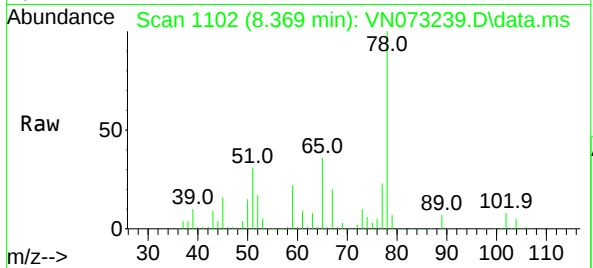
Tgt Ion: 84 Resp: 22276
Ion Ratio Lower Upper
84 100
49 125.0 88.3 132.5
51 30.2 28.2 42.2
86 66.7 50.6 76.0





#33
1,2-Dichloroethane-d4
Concen: 38.424 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073239.D
Acq: 29 Jun 2022 13:41

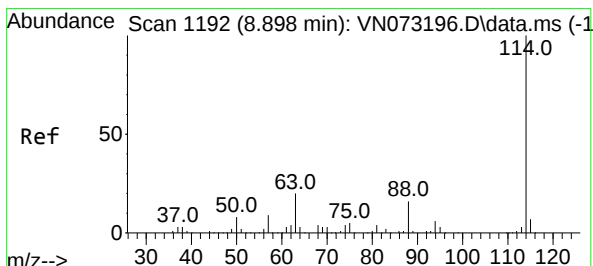
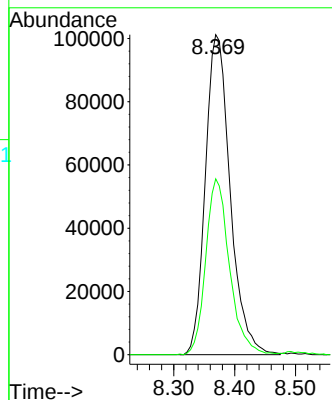
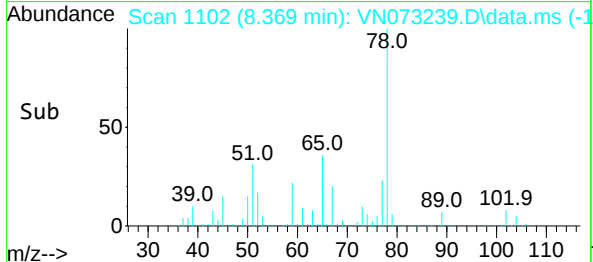
Instrument :
MSVOA_N
ClientSampleId :
TRE-1615



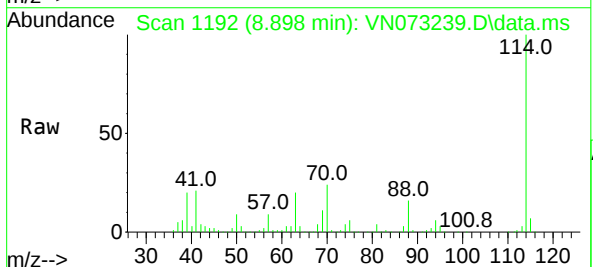
Tgt Ion: 65 Resp: 28631
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.8

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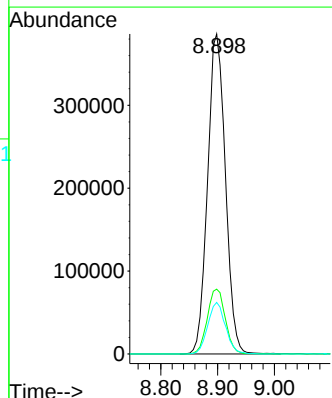
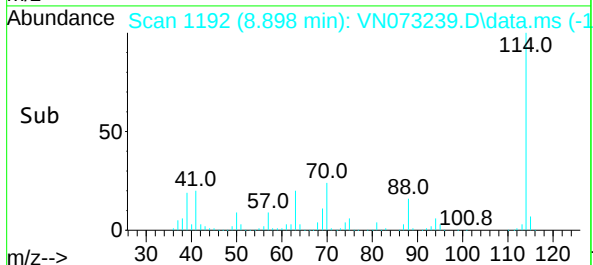
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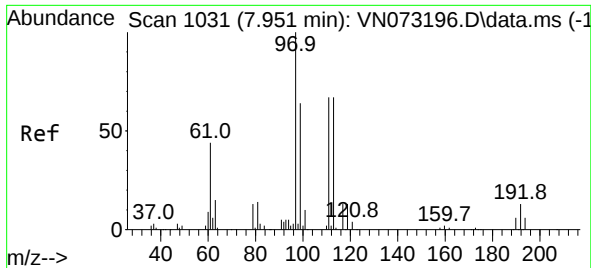


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073239.D
Acq: 29 Jun 2022 13:41



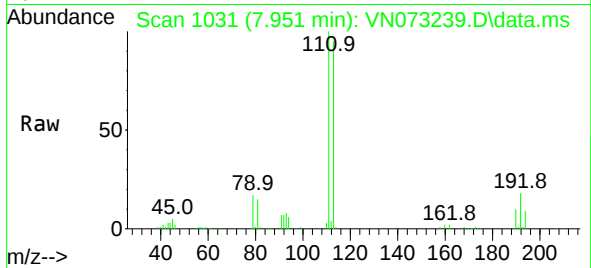
Tgt Ion:114 Resp: 840850
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.0
88 16.1 0.0 32.6





#35
Dibromofluoromethane
Concen: 39.777 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073239.D
Acq: 29 Jun 2022 13:41

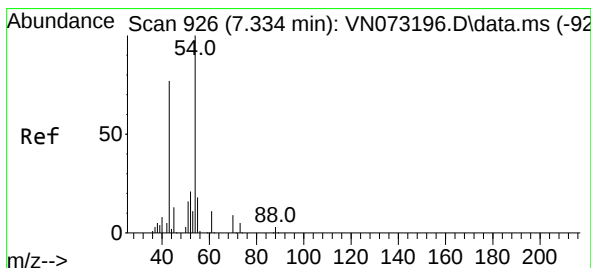
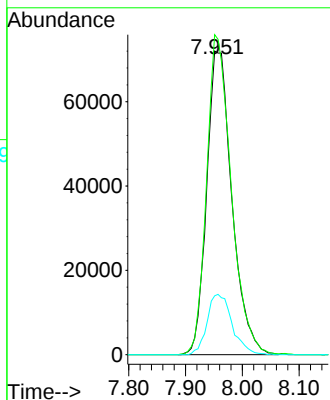
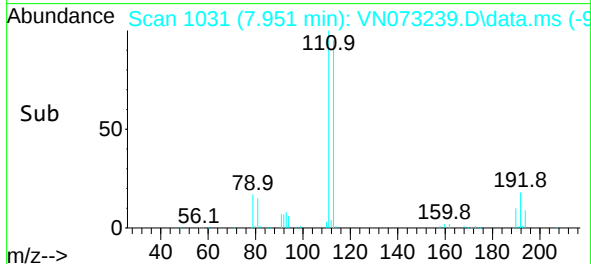
Instrument :
MSVOA_N
ClientSampleId :
TRE-1615



Tgt Ion:113 Resp: 222520
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 19.7 17.0 25.6

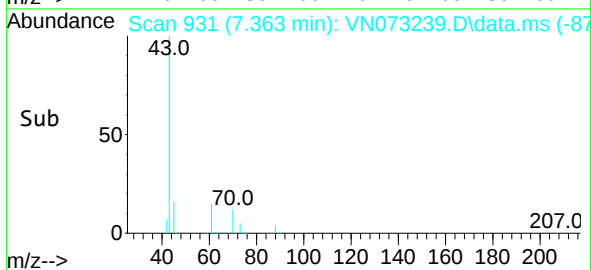
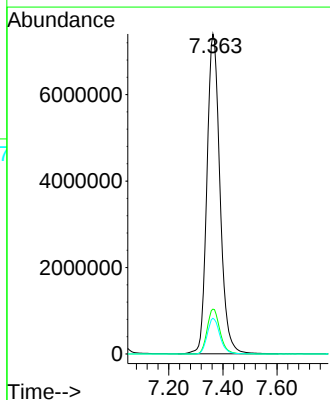
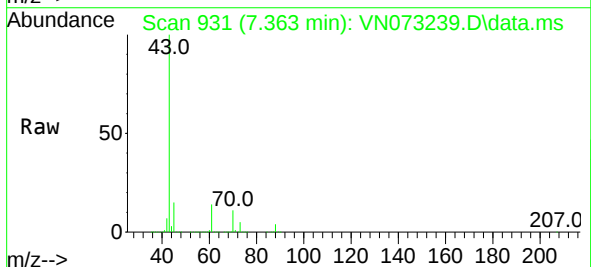
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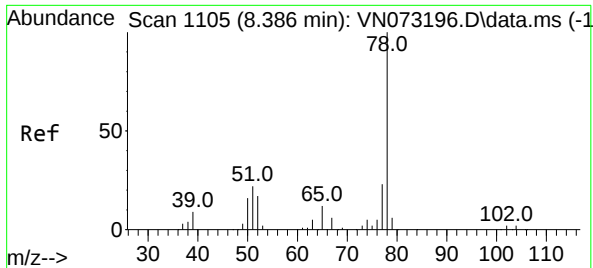
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#37
Ethyl Acetate
Concen: 1893.271 ug/l
RT: 7.363 min Scan# 931
Delta R.T. 0.029 min
Lab File: VN073239.D
Acq: 29 Jun 2022 13:41

Tgt Ion: 43 Resp:24624667
Ion Ratio Lower Upper
43 100
61 13.8 11.8 17.6
70 10.9 9.3 13.9





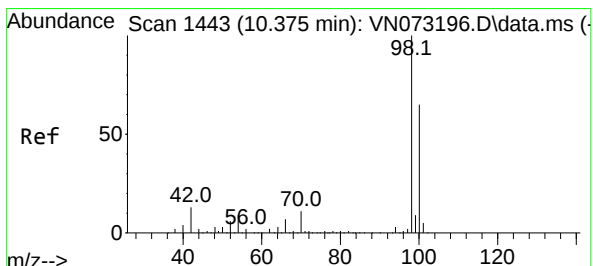
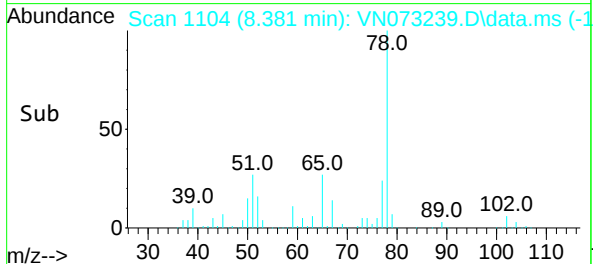
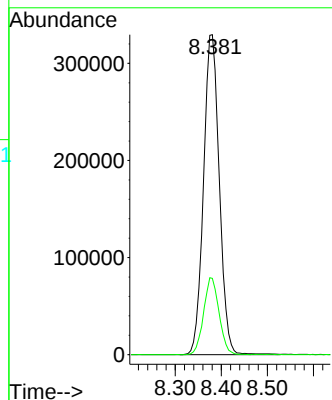
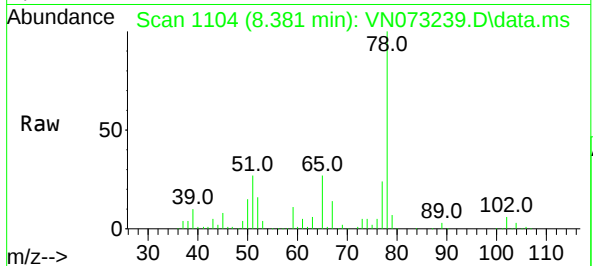
#40
Benzene
Concen: 29.668 ug/l
RT: 8.381 min Scan# 1104
Delta R.T. -0.005 min
Lab File: VN073239.D
Acq: 29 Jun 2022 13:41

Instrument :
MSVOA_N
ClientSampleId :
TRE-1615

Tgt Ion: 78 Resp: 78814
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0

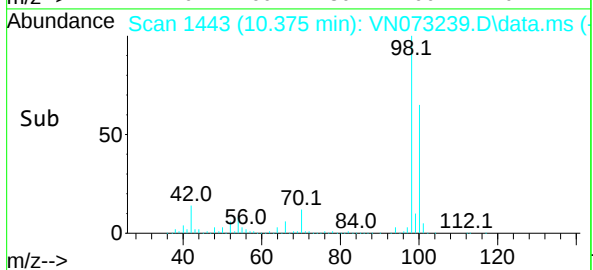
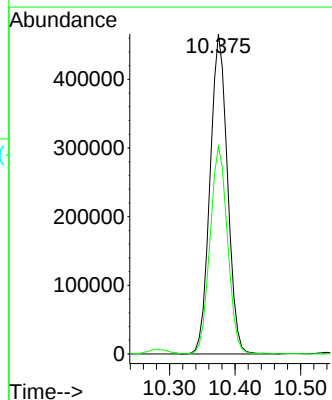
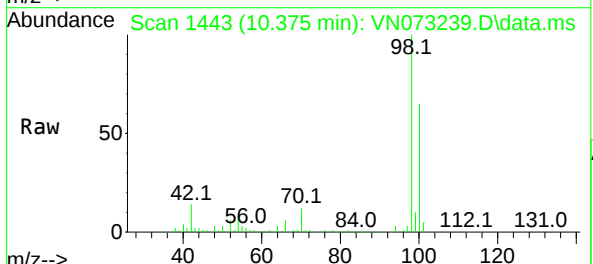
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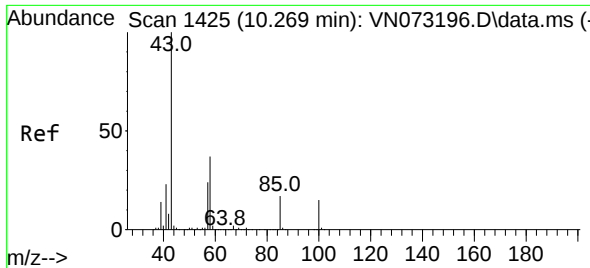
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#50
Toluene-d8
Concen: 43.288 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073239.D
Acq: 29 Jun 2022 13:41

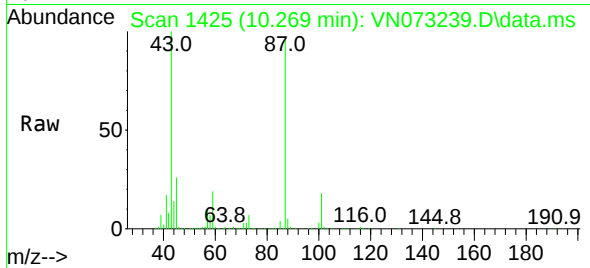
Tgt Ion: 98 Resp: 860092
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 37.609 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073239.D
Acq: 29 Jun 2022 13:41

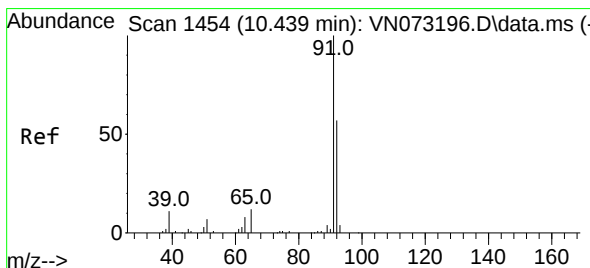
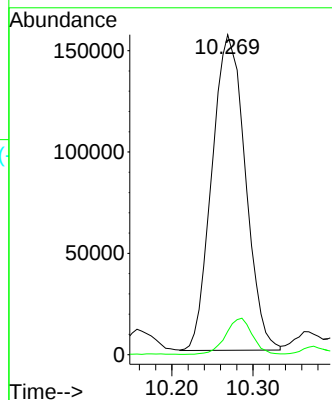
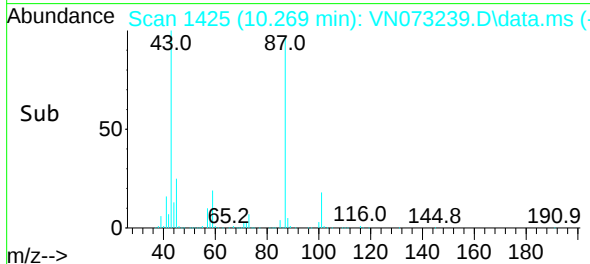
Instrument :
MSVOA_N
ClientSampleId :
TRE-1615



Tgt Ion: 43 Resp: 445808
Ion Ratio Lower Upper
43 100
58 9.3 34.1 51.1

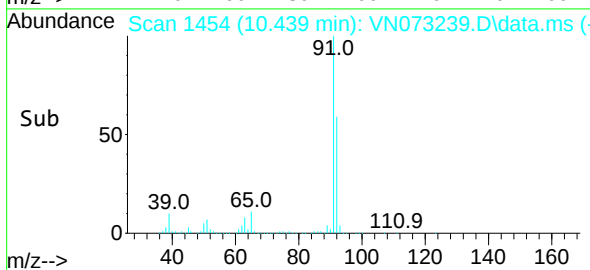
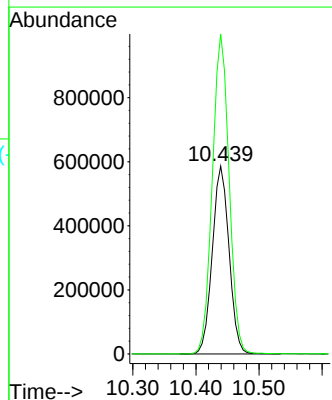
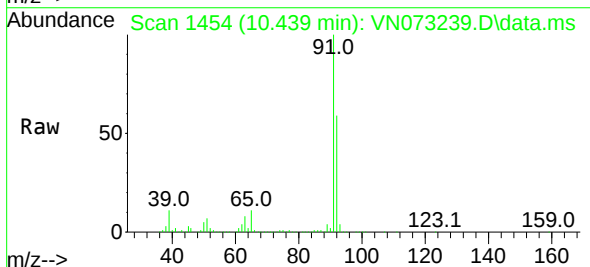
Manual Integrations
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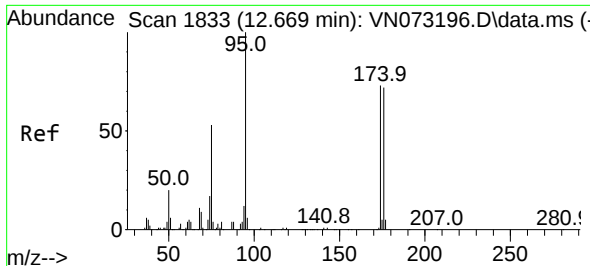
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#52
Toluene
Concen: 65.649 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073239.D
Acq: 29 Jun 2022 13:41

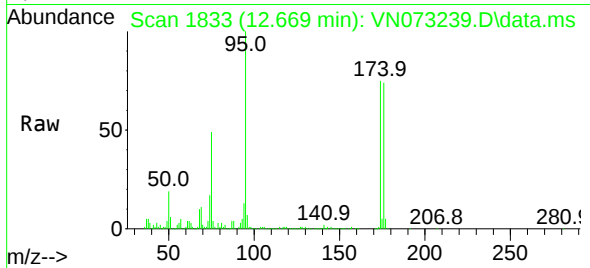
Tgt Ion: 92 Resp: 1077785
Ion Ratio Lower Upper
92 100
91 170.6 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 42.542 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073239.D
Acq: 29 Jun 2022 13:41

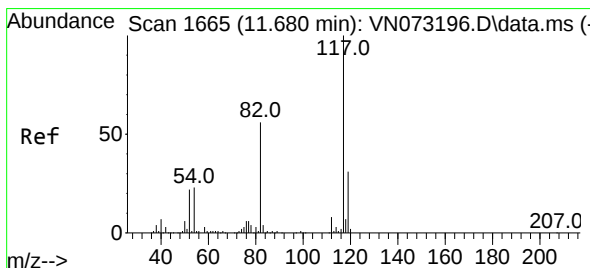
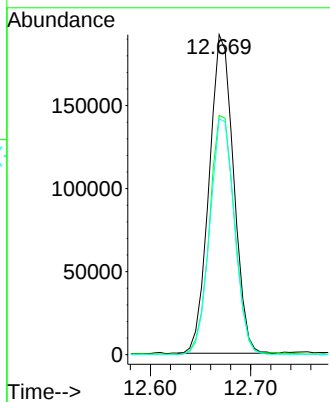
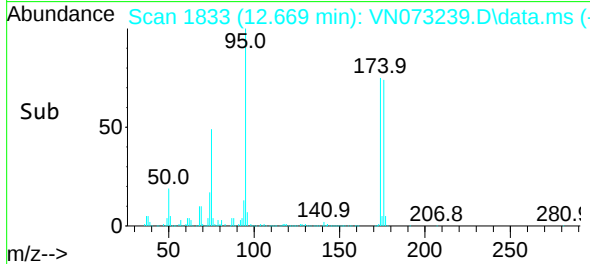
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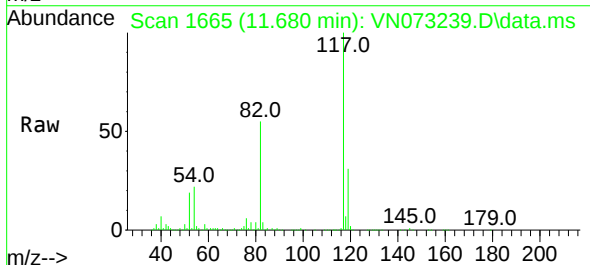
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Ion Ratio Lower Upper
95 100
174 77.1 0.0 167.6
176 74.9 0.0 163.4

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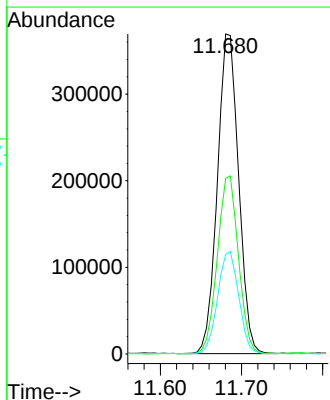
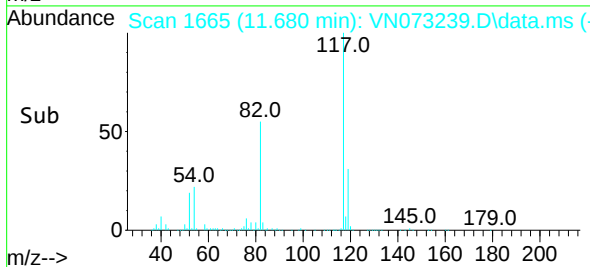
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

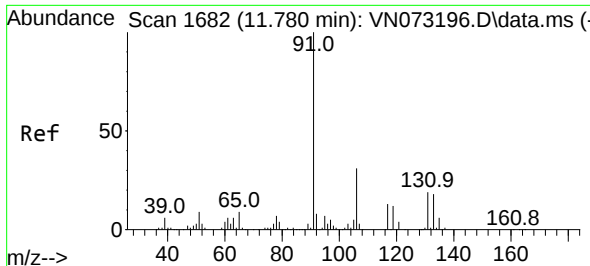


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073239.D
Acq: 29 Jun 2022 13:41



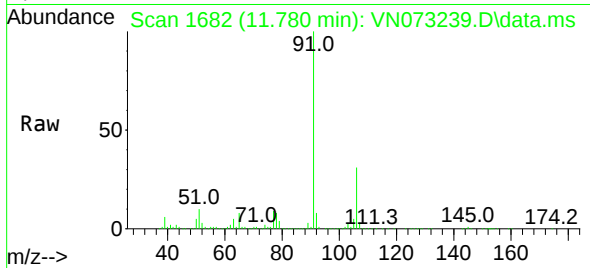
Tgt Ion:117 Resp: 669847
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 31.1 25.4 38.0





#67
Ethyl Benzene
Concen: 17.868 ug/l
RT: 11.780 min Scan# 106
Delta R.T. 0.000 min
Lab File: VN073239.D
Acq: 29 Jun 2022 13:41

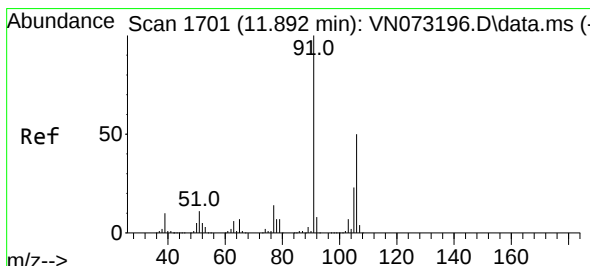
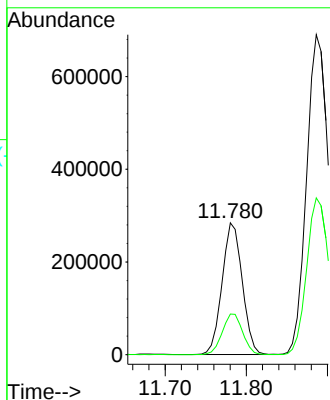
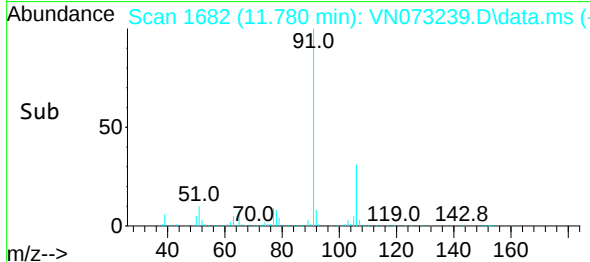
Instrument :
MSVOA_N
ClientSampleId :
TRE-1615



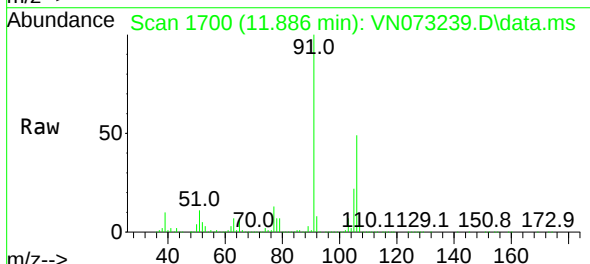
Tgt Ion: 91 Resp: 49144
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

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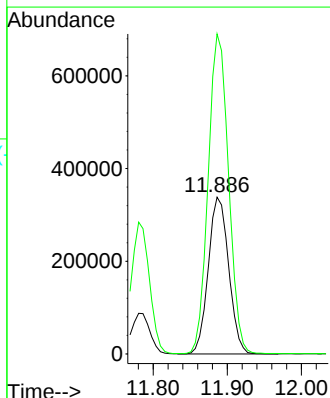
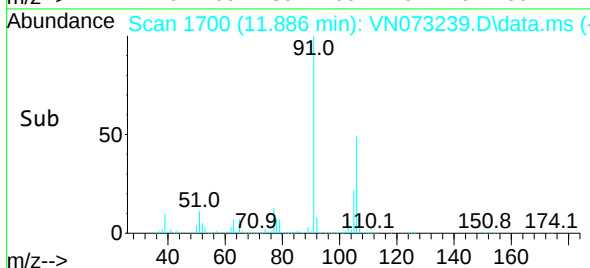
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

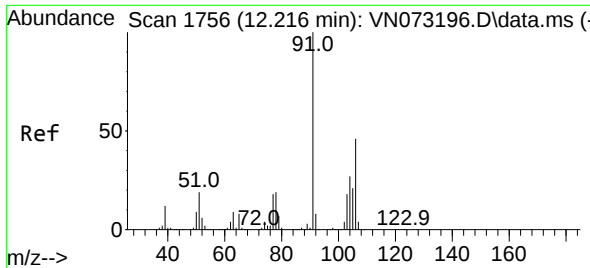


#68
m/p-Xylenes
Concen: 62.223 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN073239.D
Acq: 29 Jun 2022 13:41



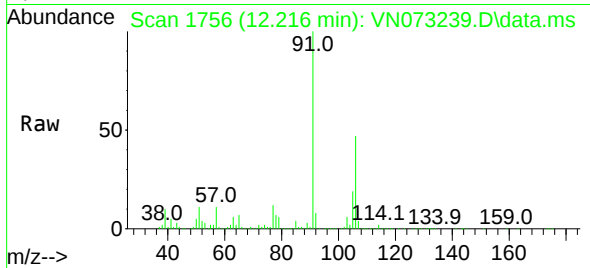
Tgt Ion:106 Resp: 645862
Ion Ratio Lower Upper
106 100
91 203.5 158.9 238.3





#69
o-Xylene
Concen: 34.934 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VN073239.D
Acq: 29 Jun 2022 13:41

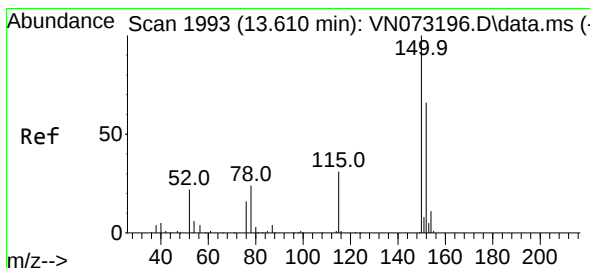
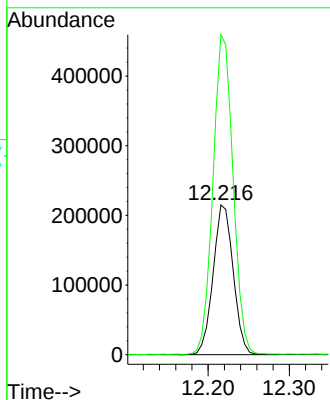
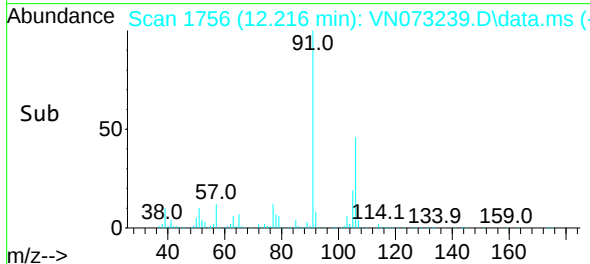
Instrument :
MSVOA_N
ClientSampleId :
TRE-1615



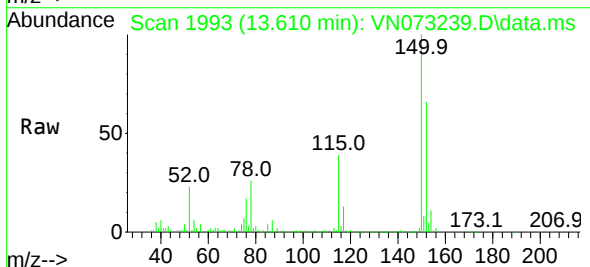
Tgt Ion:106 Resp: 37017
Ion Ratio Lower Upper
106 100
91 213.3 106.0 318.0

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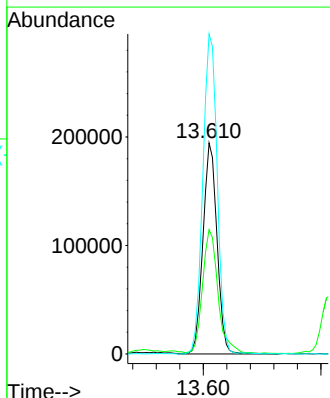
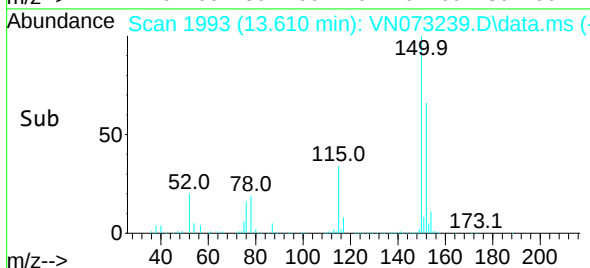
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

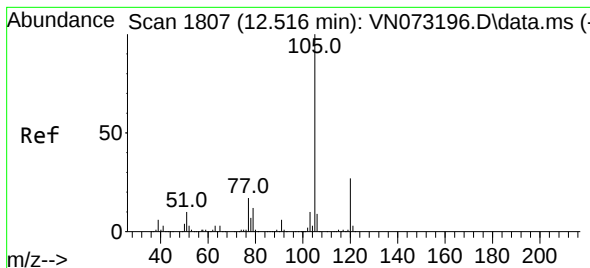


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073239.D
Acq: 29 Jun 2022 13:41



Tgt Ion:152 Resp: 323871
Ion Ratio Lower Upper
152 100
115 64.3 28.9 86.7
150 154.7 0.0 356.2





#73

Isopropylbenzene

Concen: 1.737 ug/l

RT: 12.516 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN073239.D

Acq: 29 Jun 2022 13:41

Instrument :

MSVOA_N

ClientSampleId :

TRE-1615

Tgt Ion:105 Resp: 48574

Ion Ratio Lower Upper

105 100

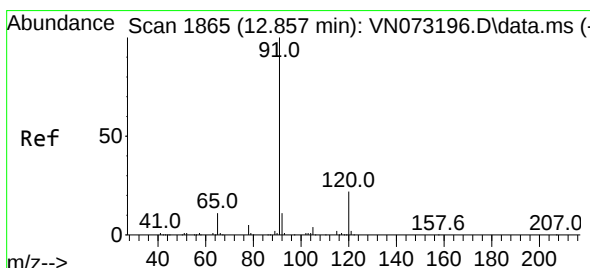
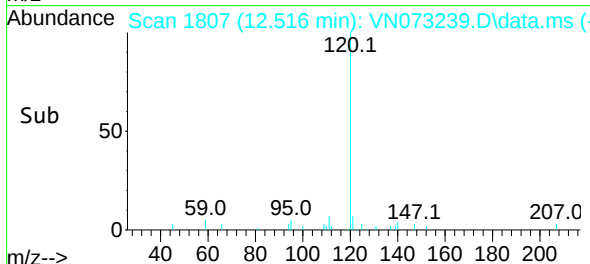
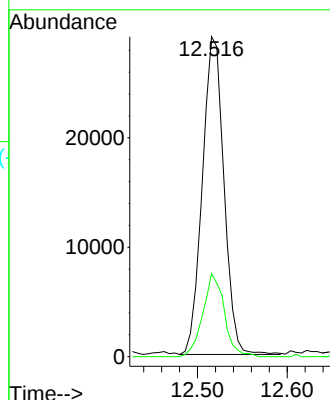
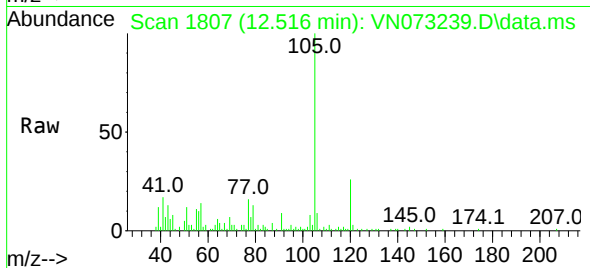
120 25.9 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#78

n-propylbenzene

Concen: 4.026 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.000 min

Lab File: VN073239.D

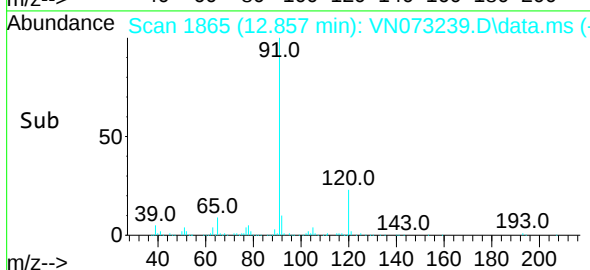
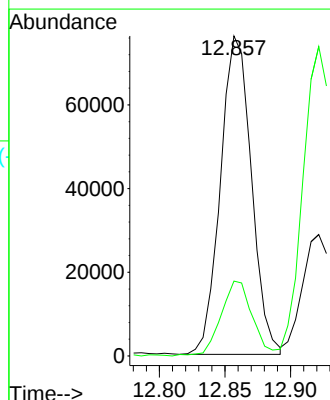
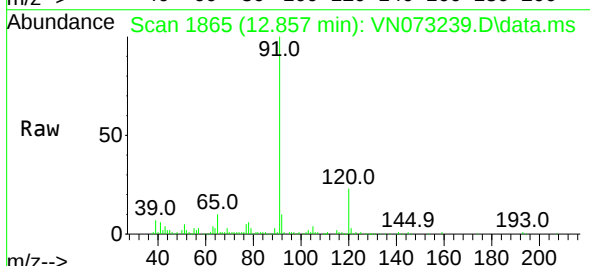
Acq: 29 Jun 2022 13:41

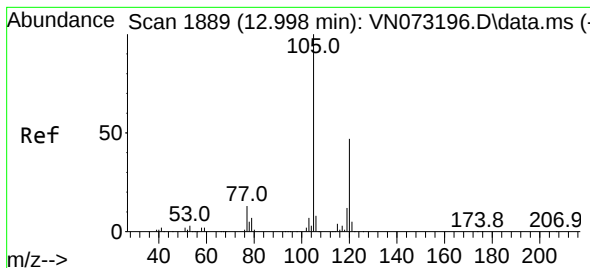
Tgt Ion: 91 Resp: 125101

Ion Ratio Lower Upper

91 100

120 23.7 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 6.988 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN073239.D

Acq: 29 Jun 2022 13:41

Instrument :

MSVOA_N

ClientSampleId :

TRE-1615

Tgt Ion:105 Resp: 159302

Ion Ratio Lower Upper

105 100

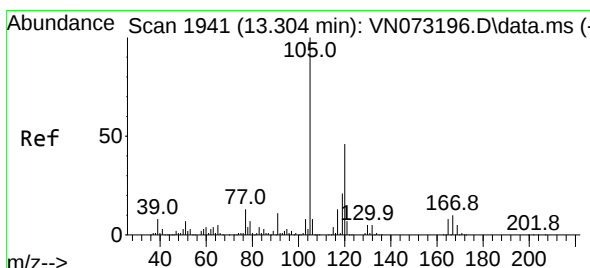
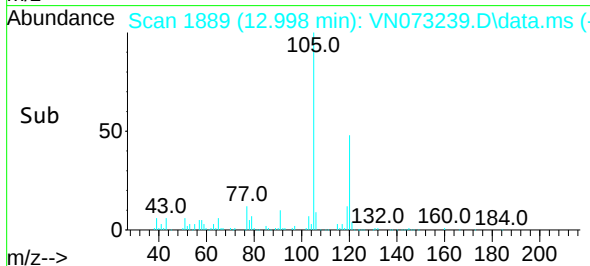
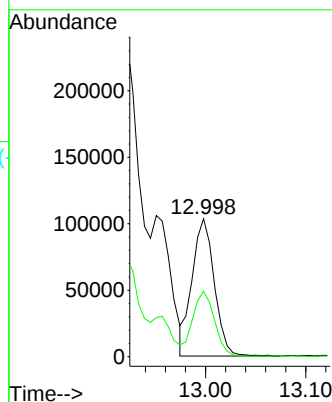
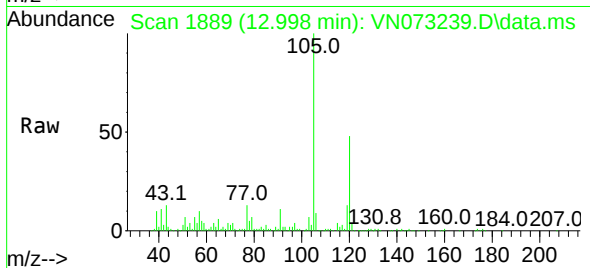
120 46.7 24.9 74.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#84

1,2,4-Trimethylbenzene

Concen: 31.778 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073239.D

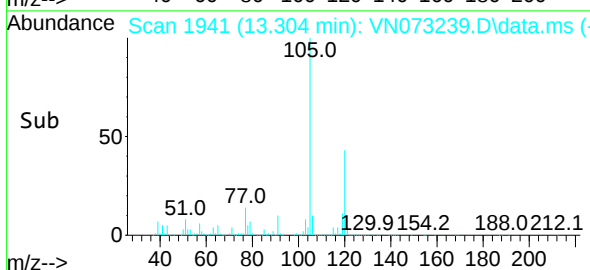
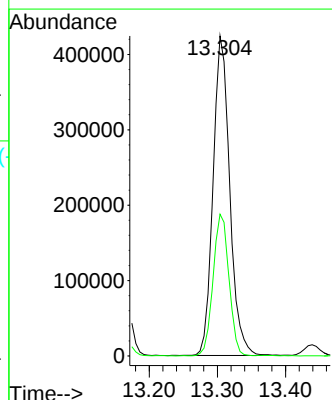
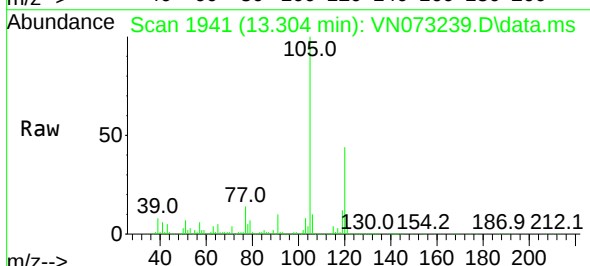
Acq: 29 Jun 2022 13:41

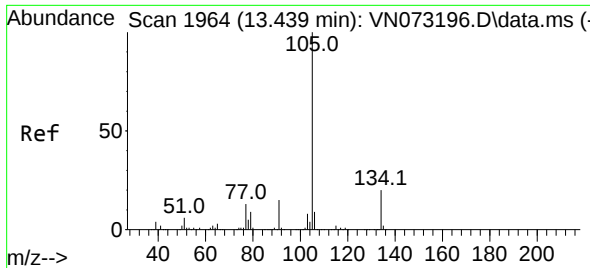
Tgt Ion:105 Resp: 723247

Ion Ratio Lower Upper

105 100

120 42.0 23.3 69.8





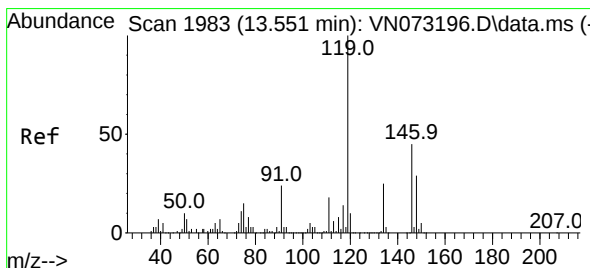
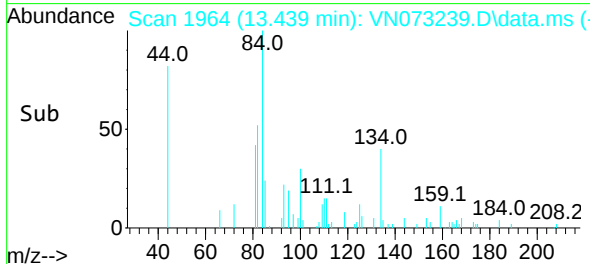
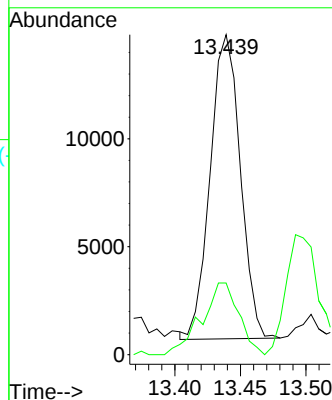
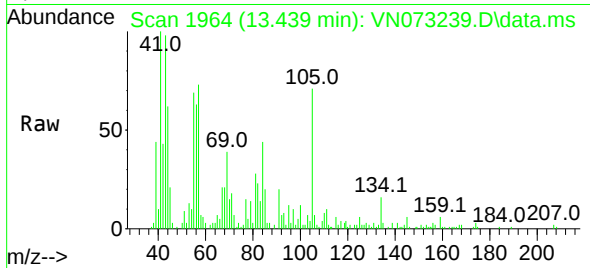
#85
 sec-Butylbenzene
 Concen: 0.819 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073239.D
 Acq: 29 Jun 2022 13:41

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1615

Tgt Ion:105 Resp: 22475
 Ion Ratio Lower Upper
 105 100
 134 29.1 10.4 31.1

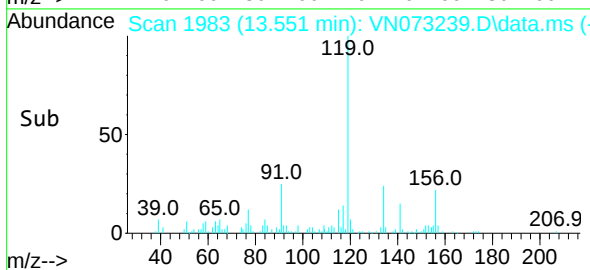
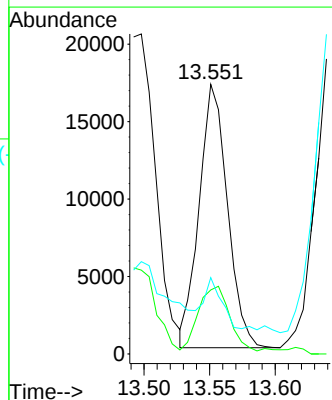
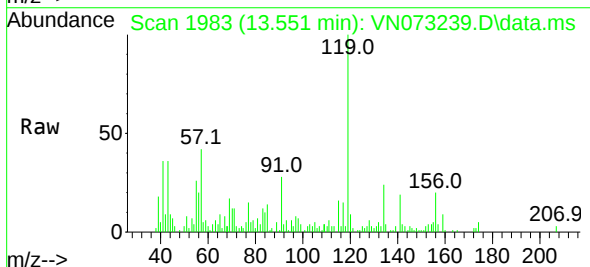
Manual Integrations
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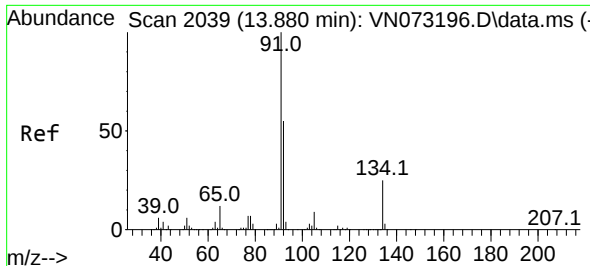
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022



#86
 p-Isopropyltoluene
 Concen: 1.154 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN073239.D
 Acq: 29 Jun 2022 13:41

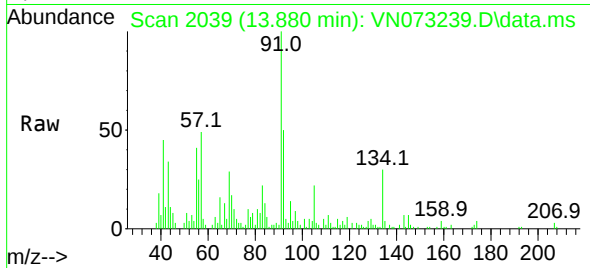
Tgt Ion:119 Resp: 25578
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.8
 91 12.0 11.3 33.9





#89
n-Butylbenzene
Concen: 1.315 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073239.D
Acq: 29 Jun 2022 13:41

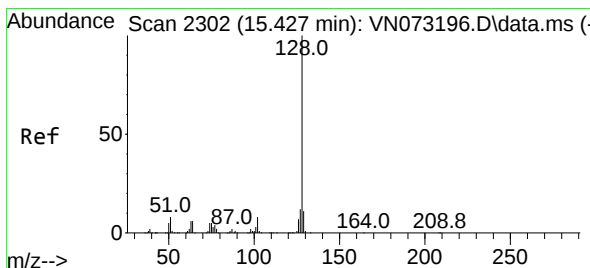
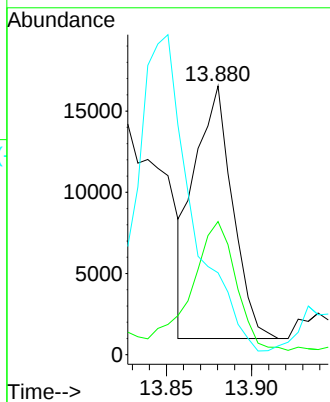
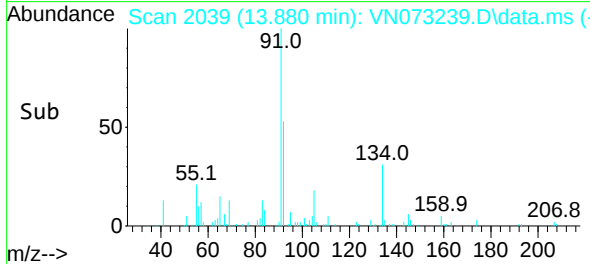
Instrument :
MSVOA_N
ClientSampleId :
TRE-1615



Tgt Ion: 91 Resp: 24280
Ion Ratio Lower Upper
91 100
92 59.9 26.9 80.7
134 0.0 13.6 40.8

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



#95
Naphthalene
Concen: 18.772 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN073239.D
Acq: 29 Jun 2022 13:41

Tgt Ion:128 Resp: 468571
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.3 8.6 13.0

