

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
 Data File : VN073237.D
 Acq On : 29 Jun 2022 12:52
 Operator : JC\MD
 Sample : N3504-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1613

Quant Time: Jun 29 15:41:30 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	375755	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.898	114	622784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	553824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	279437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	222600	41.037	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.080%		
35) Dibromofluoromethane	7.951	113	162650	39.255	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	78.500%		
50) Toluene-d8	10.374	98	650271	44.187	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.380%		
62) 4-Bromofluorobenzene	12.668	95	279168	49.363	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.720%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.451	59	12567739m	9564.180	ug/l	
16) Acetone	4.269	43	11225734	3686.820	ug/l	95
17) Carbon Disulfide	4.369	76	325516m	28.380	ug/l	
20) Methylene Chloride	4.987	84	18434	3.445	ug/l #	87
37) Ethyl Acetate	7.345	43	20098780	2086.379	ug/l	97
39) Methylcyclohexane	9.380	83	13206	1.664	ug/l	93
40) Benzene	8.380	78	543619	27.629	ug/l	99
52) Toluene	10.439	92	740981	60.937	ug/l	98
67) Ethyl Benzene	11.780	91	347781	15.294	ug/l	98
68) m/p-Xylenes	11.886	106	453714	52.869	ug/l	96
69) o-Xylene	12.216	106	266378	30.405	ug/l	96
73) Isopropylbenzene	12.516	105	35454	1.469	ug/l	99
78) n-propylbenzene	12.857	91	87993	3.282	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	119269	6.064	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	775475	39.491	ug/l	73
85) sec-Butylbenzene	13.439	105	20196m	0.853	ug/l	
86) p-Isopropyltoluene	13.551	119	22075	1.154	ug/l	98
89) n-Butylbenzene	13.880	91	19060	1.196	ug/l #	80
95) Naphthalene	15.427	128	294866	13.691	ug/l	99

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

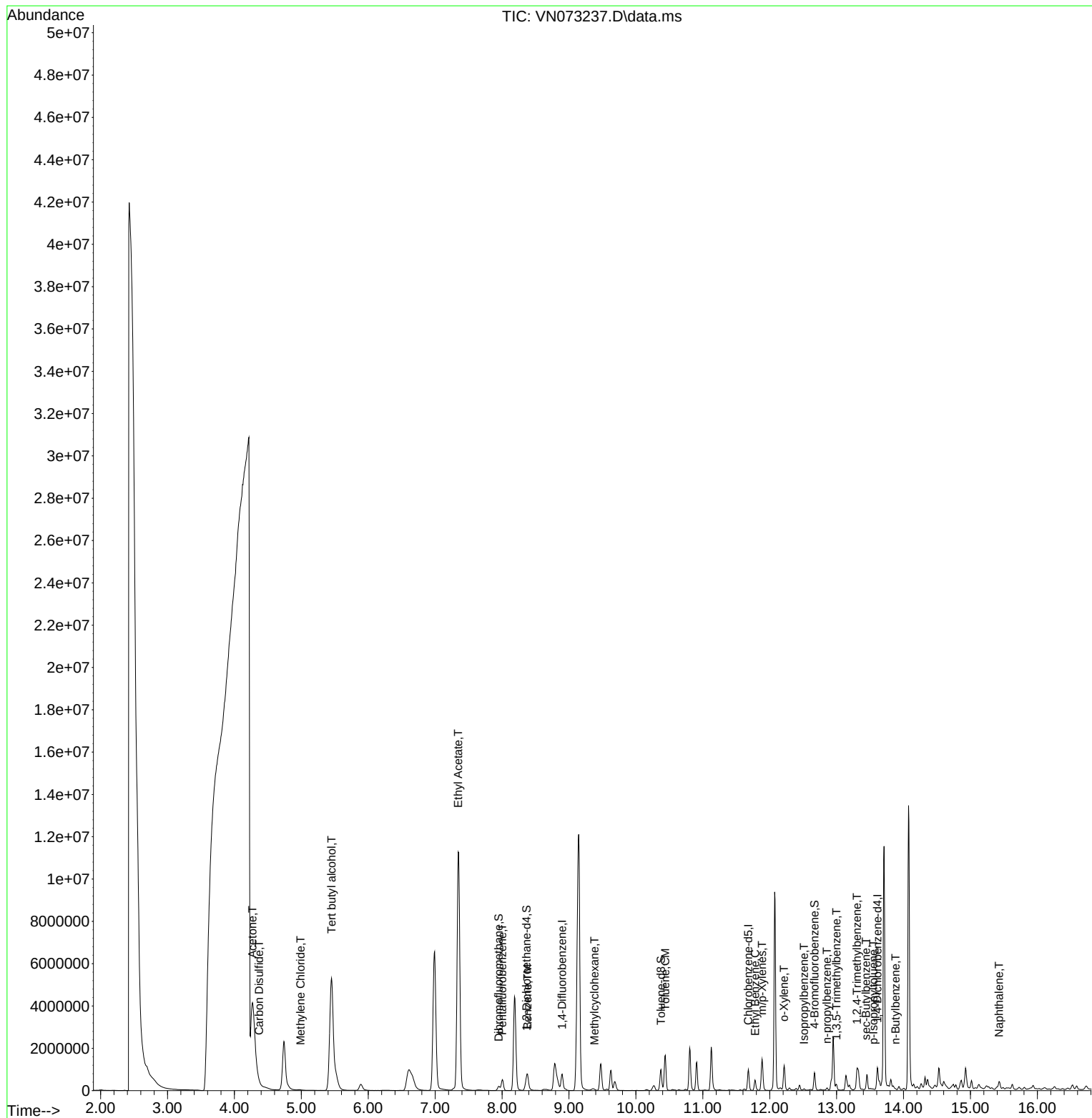
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
Data File : VN073237.D
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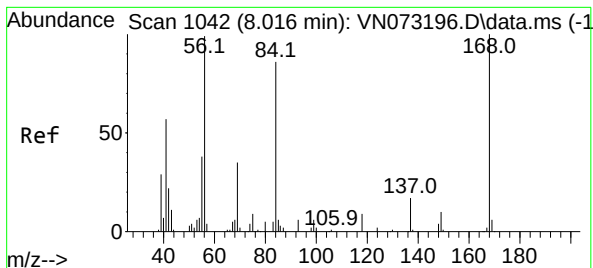
Instrument :
MSVOA_N
ClientSampleId :
TRE-1613

Quant Time: Jun 29 15:41:30 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

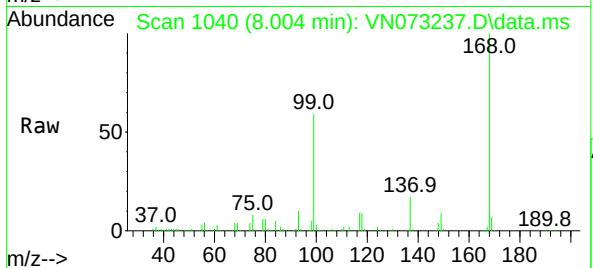
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.004 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

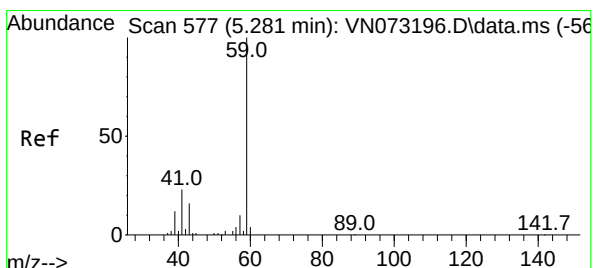
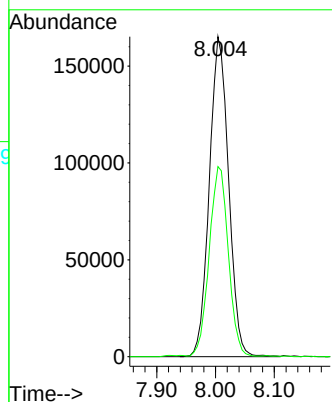
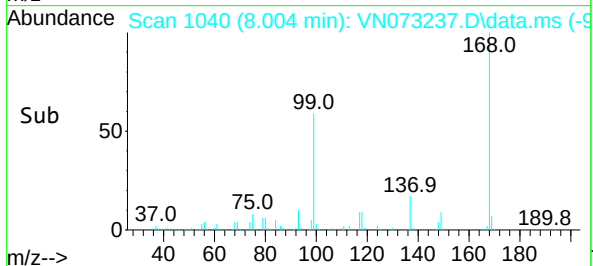
Instrument :
MSVOA_N
ClientSampleId :
TRE-1613



Tgt Ion:168 Resp: 375758
Ion Ratio Lower Upper
168 100
99 59.3 42.3 63.5

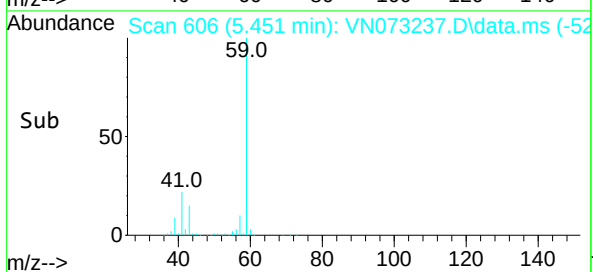
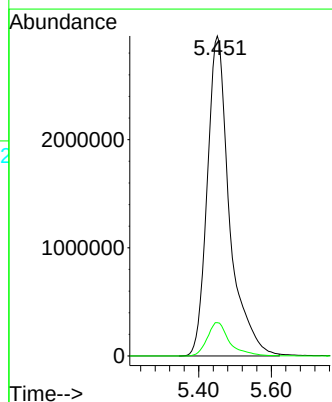
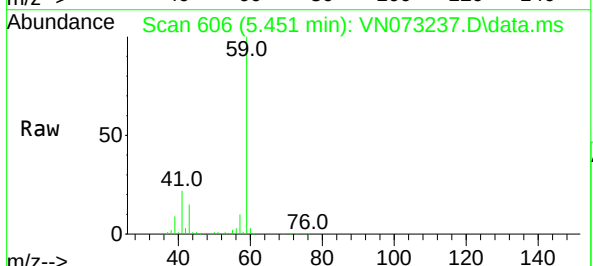
Manual Integrations
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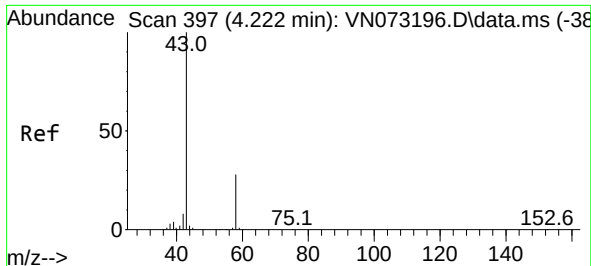
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#11
Tert butyl alcohol
Concen: 9564.180 ug/l m
RT: 5.451 min Scan# 606
Delta R.T. 0.170 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

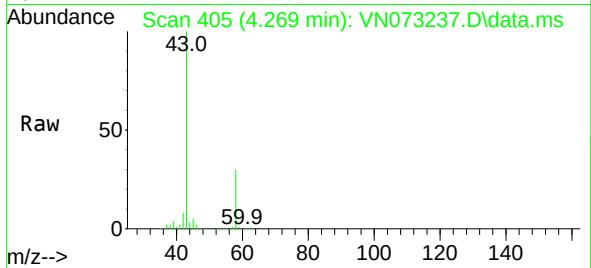
Tgt Ion: 59 Resp:12567739
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16
Acetone
Concen: 3686.820 ug/l
RT: 4.269 min Scan# 405
Delta R.T. 0.047 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

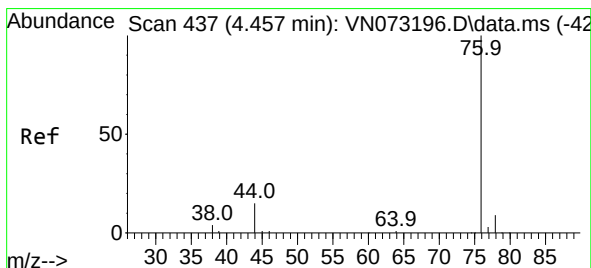
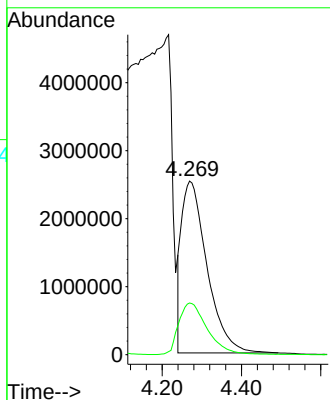
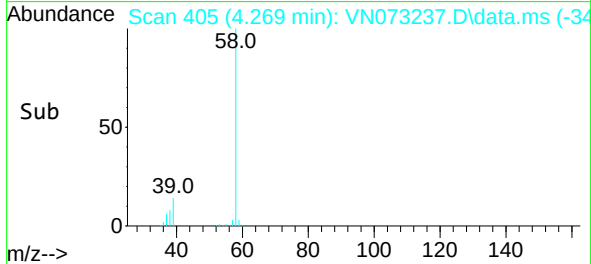
Instrument :
MSVOA_N
ClientSampleId :
TRE-1613



Tgt Ion: 43 Resp:11225734
Ion Ratio Lower Upper
43 100
58 29.9 26.0 39.0

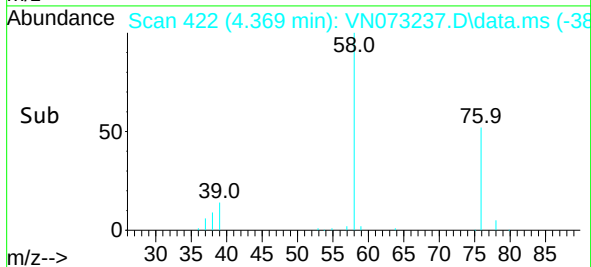
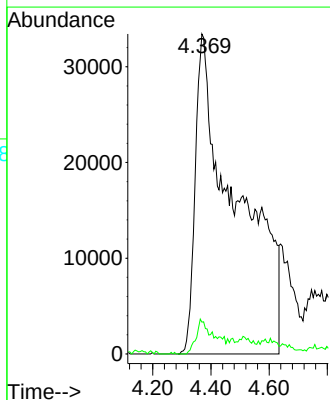
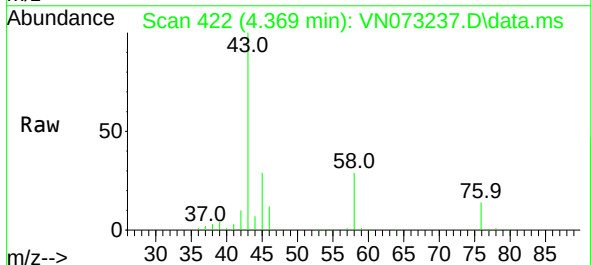
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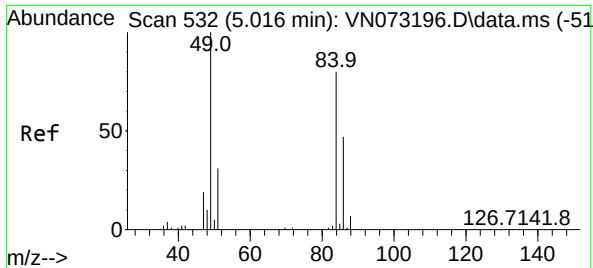
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#17
Carbon Disulfide
Concen: 28.380 ug/l m
RT: 4.369 min Scan# 422
Delta R.T. -0.088 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

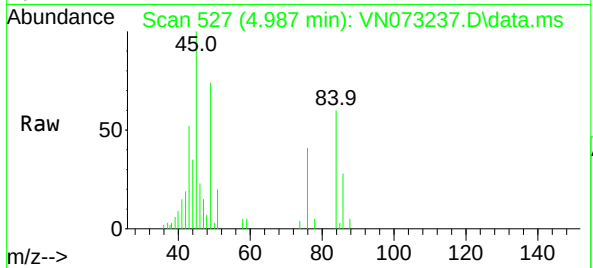
Tgt Ion: 76 Resp: 325516
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8





#20
Methylene Chloride
Concen: 3.445 ug/l
RT: 4.987 min Scan# 51
Delta R.T. -0.029 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

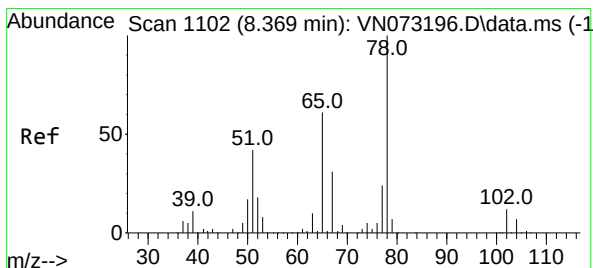
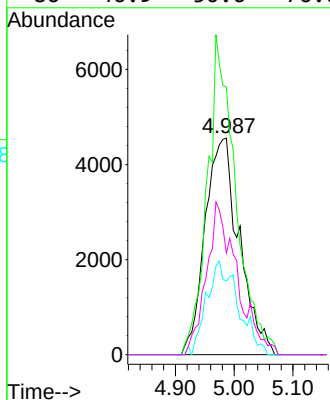
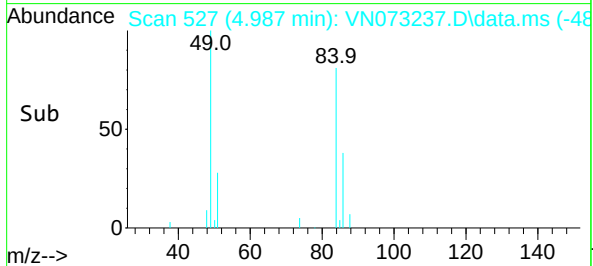
Instrument :
MSVOA_N
ClientSampleId :
TRE-1613



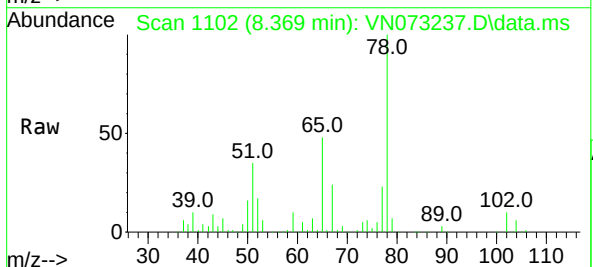
Tgt Ion: 84 Resp: 18434
Ion Ratio Lower Upper
84 100
49 123.5 88.3 132.5
51 34.0 28.2 42.2
86 46.9 50.6 76.0#

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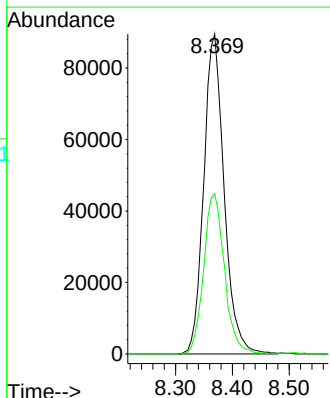
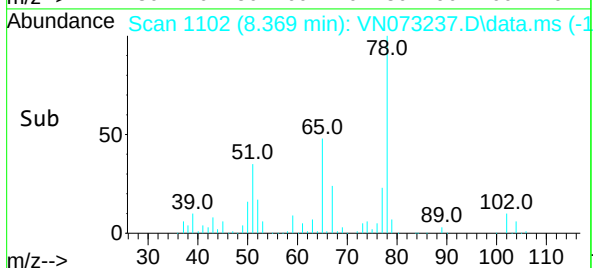
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

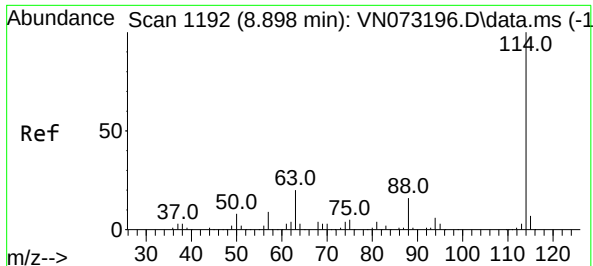


#33
1,2-Dichloroethane-d4
Concen: 41.037 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52



Tgt Ion: 65 Resp: 222600
Ion Ratio Lower Upper
65 100
67 51.1 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: VN073237.D

Acq: 29 Jun 2022 12:52

Instrument :

MSVOA_N

ClientSampleId :

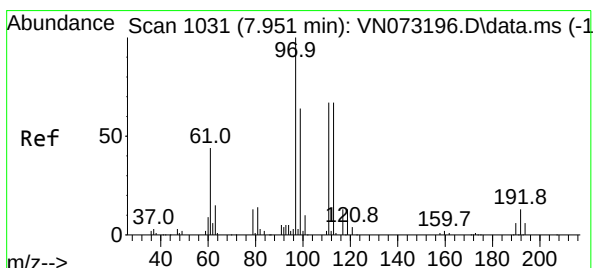
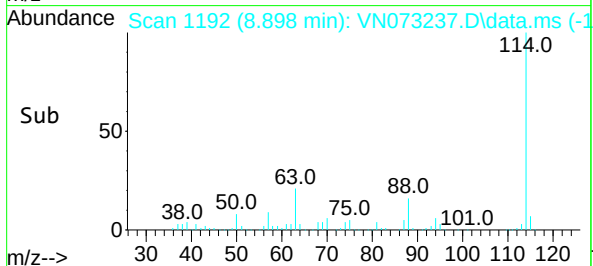
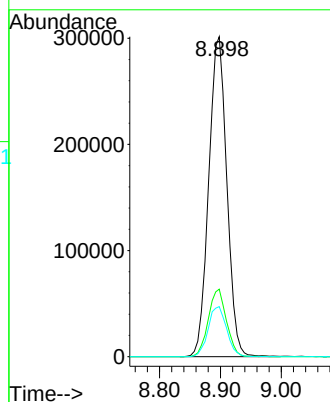
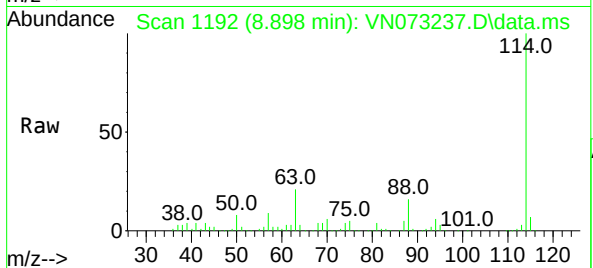
TRE-1613

Tgt Ion:114	Resp: 622784
Ion Ratio	Lower Upper
114 100	
63 21.1	0.0 40.0
88 15.6	0.0 32.6

Manual Integrations

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



#35

Dibromofluoromethane

Concen: 39.255 ug/l

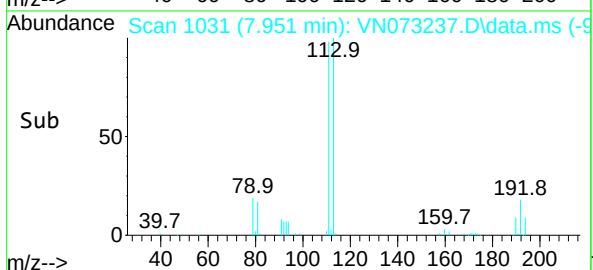
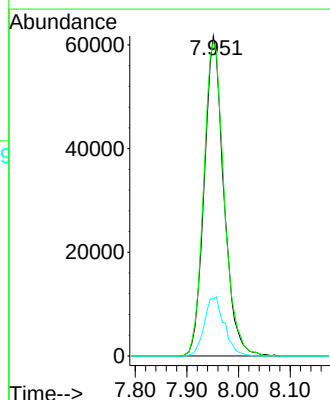
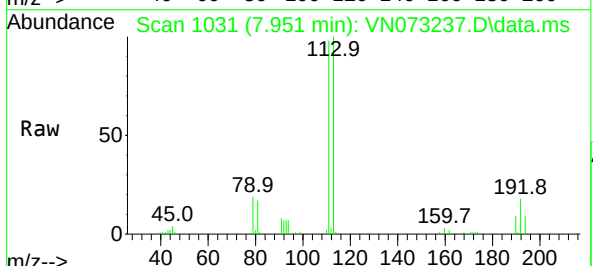
RT: 7.951 min Scan# 1031

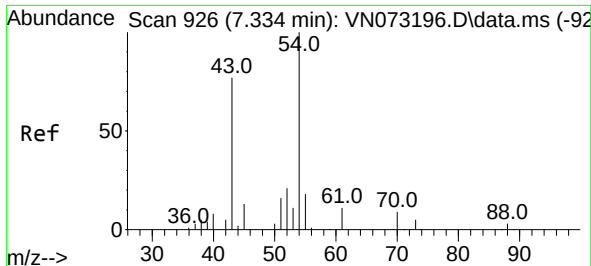
Delta R.T. 0.000 min

Lab File: VN073237.D

Acq: 29 Jun 2022 12:52

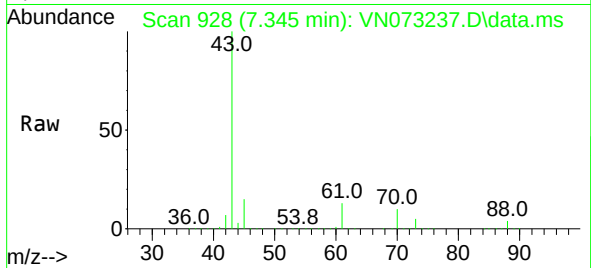
Tgt Ion:113	Resp: 162650
Ion Ratio	Lower Upper
113 100	
111 102.7	81.4 122.0
192 18.8	17.0 25.6





#37
Ethyl Acetate
Concen: 2086.379 ug/l
RT: 7.345 min Scan# 91
Delta R.T. 0.011 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

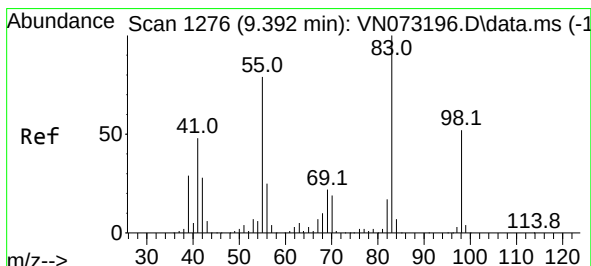
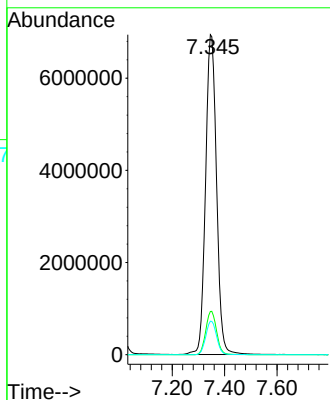
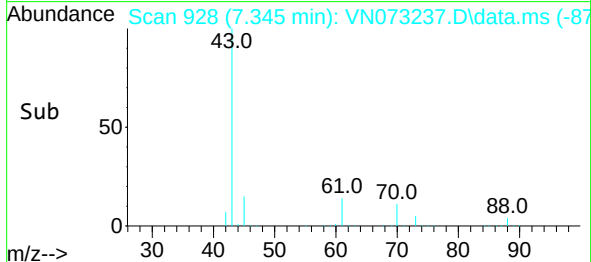
Instrument :
MSVOA_N
ClientSampleId :
TRE-1613



Tgt Ion: 43 Resp: 20098780
Ion Ratio Lower Upper
43 100
61 13.4 11.8 17.6
70 10.4 9.3 13.9

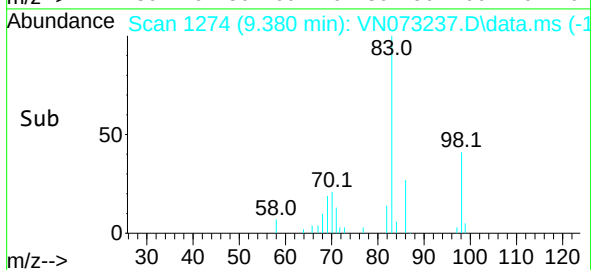
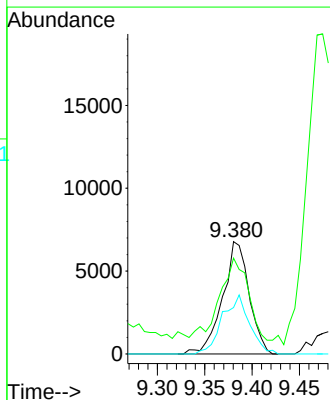
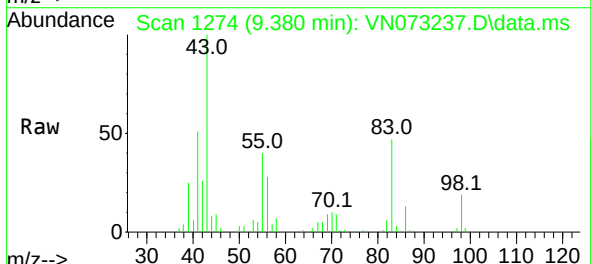
Manual Integrations
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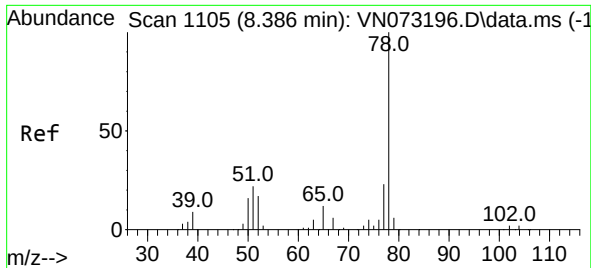
Reviewed By : Semsettin Yesilyurt 07/01/2022
Supervised By : Mahesh Dadoda 07/01/2022



#39
Methylcyclohexane
Concen: 1.664 ug/l
RT: 9.380 min Scan# 1274
Delta R.T. -0.012 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Tgt Ion: 83 Resp: 13206
Ion Ratio Lower Upper
83 100
55 68.7 57.8 86.8
98 41.2 39.4 59.2





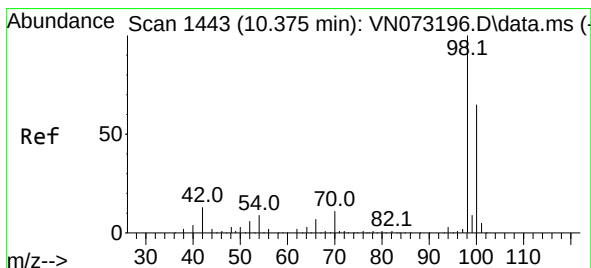
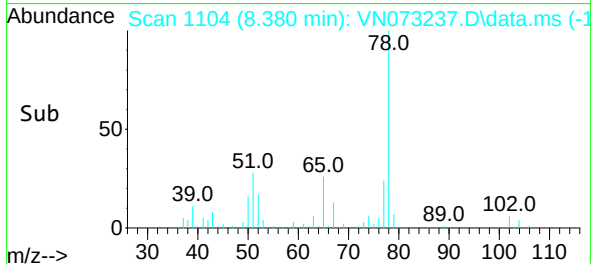
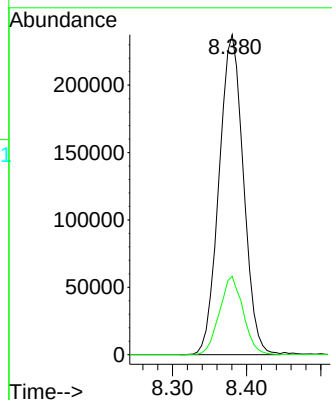
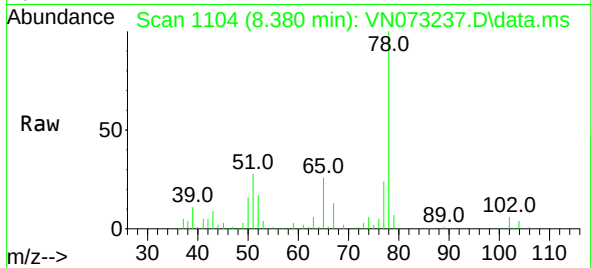
#40
Benzene
Concen: 27.629 ug/l
RT: 8.380 min Scan# 1105
Delta R.T. -0.005 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Instrument :
MSVOA_N
ClientSampleId :
TRE-1613

Tgt Ion: 78 Resp: 543619
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.0

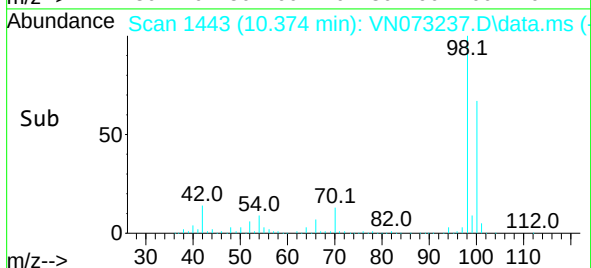
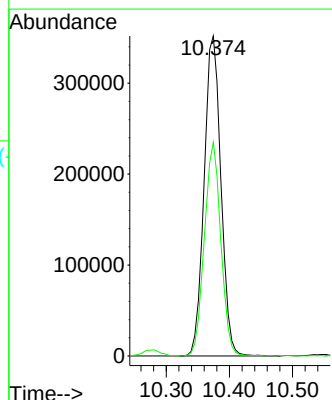
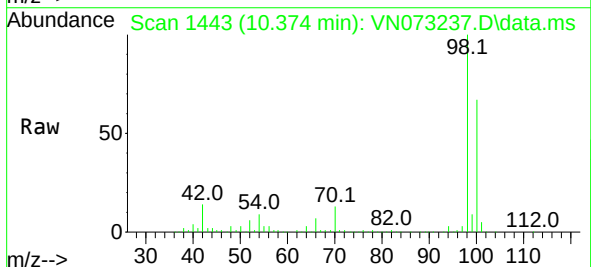
Manual Integrations
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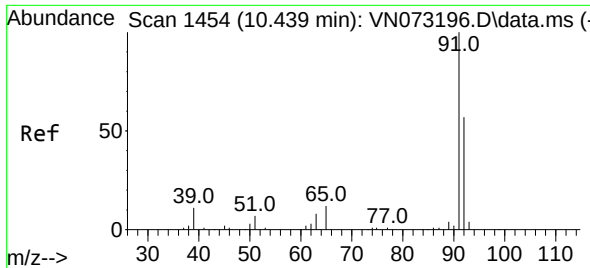
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#50
Toluene-d8
Concen: 44.187 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.001 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

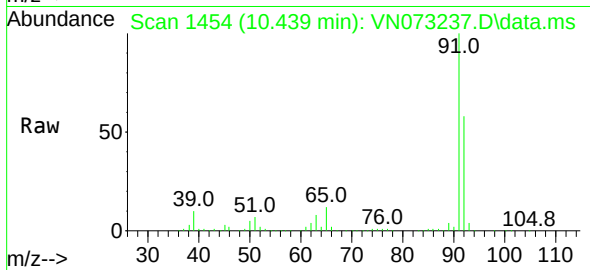
Tgt Ion: 98 Resp: 650271
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8





#52
Toluene
Concen: 60.937 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

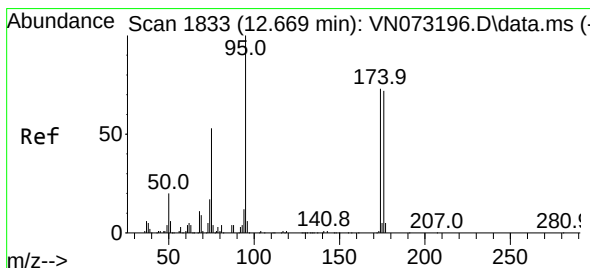
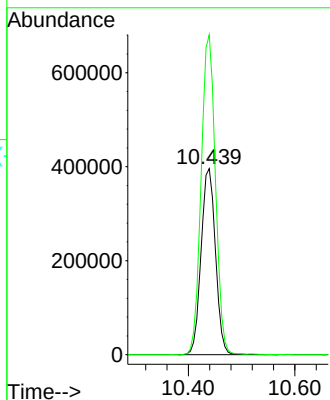
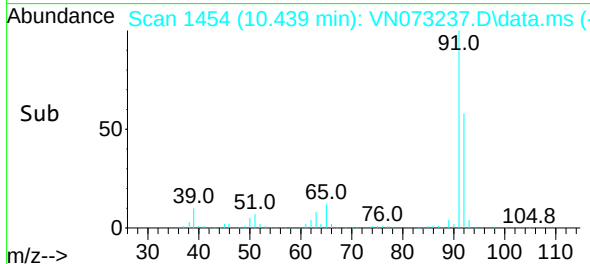
Instrument :
MSVOA_N
ClientSampleId :
TRE-1613



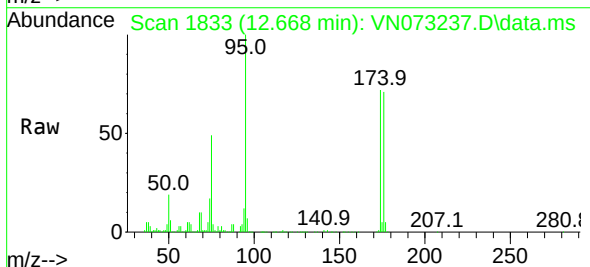
Tgt Ion: 92 Resp: 74098
Ion Ratio Lower Upper
92 100
91 170.9 138.6 207.8

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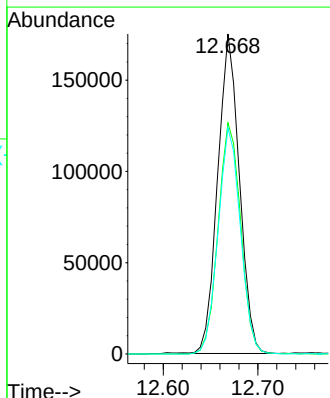
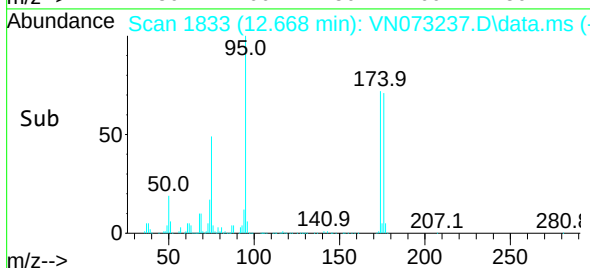
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

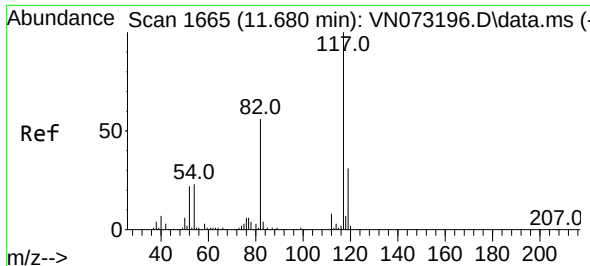


#62
4-Bromofluorobenzene
Concen: 49.363 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52



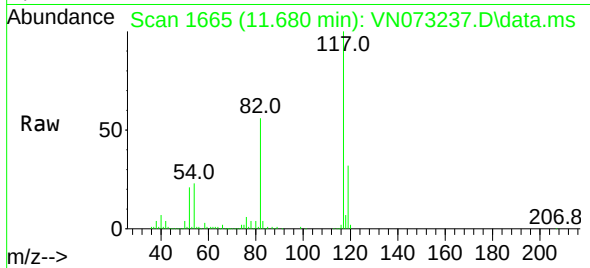
Tgt Ion: 95 Resp: 279168
Ion Ratio Lower Upper
95 100
174 75.1 0.0 167.6
176 72.7 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

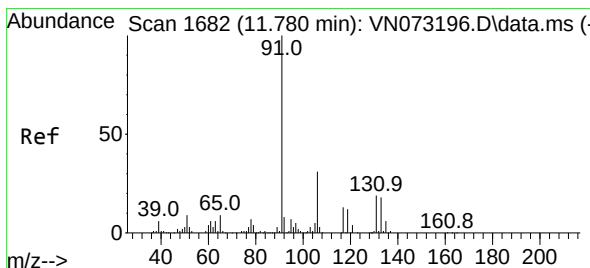
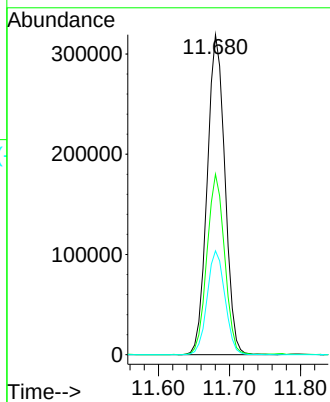
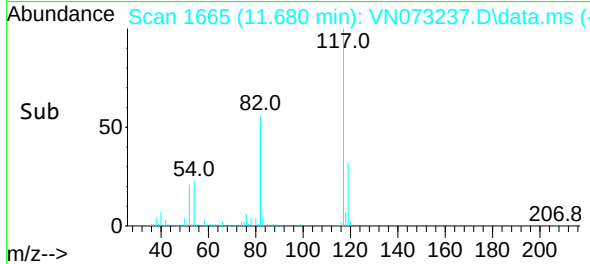
Instrument :
MSVOA_N
ClientSampleId :
TRE-1613



Tgt Ion: 117 Resp: 553824
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.2
119 32.5 25.4 38.0

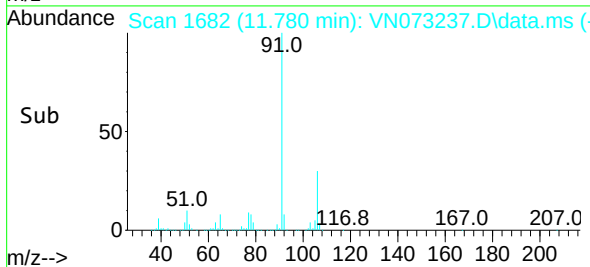
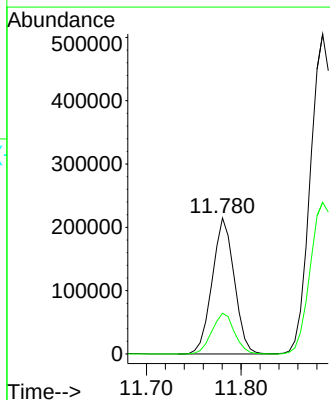
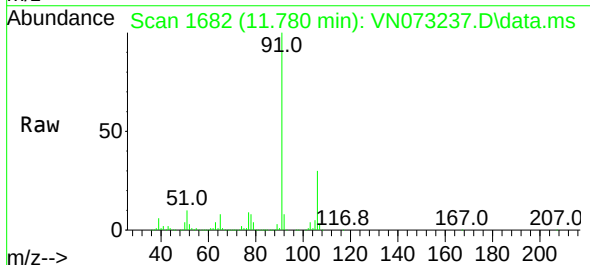
Manual Integrations
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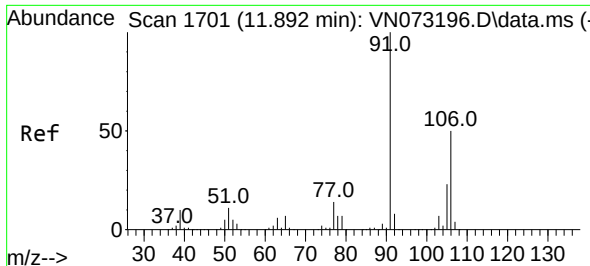
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#67
Ethyl Benzene
Concen: 15.294 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Tgt Ion: 91 Resp: 347781
Ion Ratio Lower Upper
91 100
106 30.0 24.9 37.3





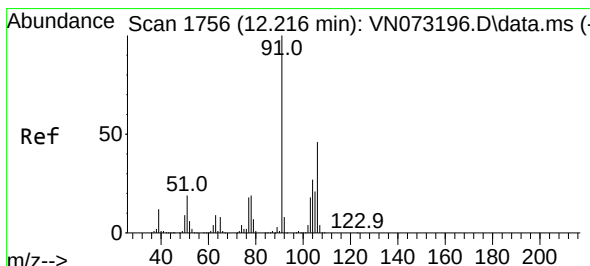
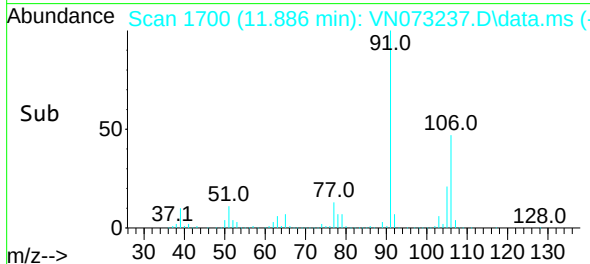
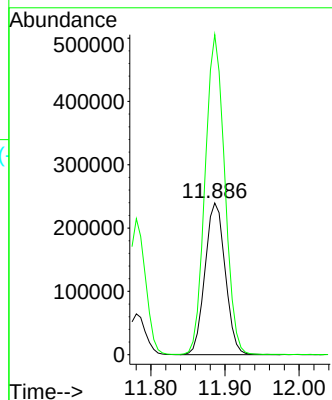
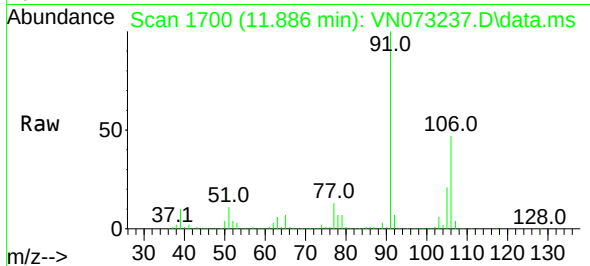
#68
m/p-Xylenes
Concen: 52.869 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Instrument :
MSVOA_N
ClientSampleId :
TRE-1613

Tgt Ion:106 Resp: 453714
Ion Ratio Lower Upper
106 100
91 204.3 158.9 238.3

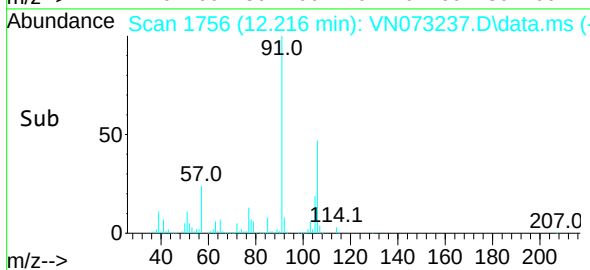
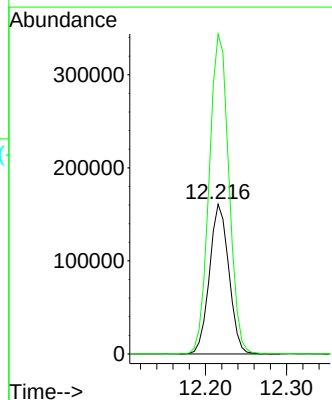
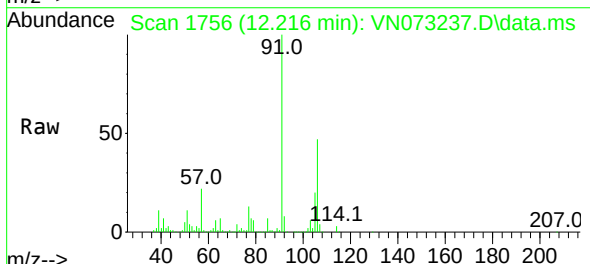
Manual Integrations
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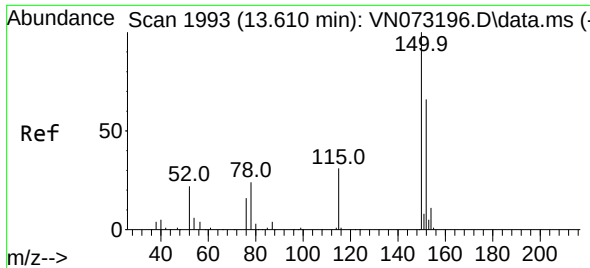
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#69
o-Xylene
Concen: 30.405 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

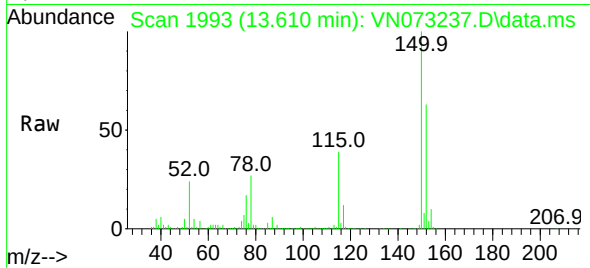
Tgt Ion:106 Resp: 266378
Ion Ratio Lower Upper
106 100
91 218.1 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

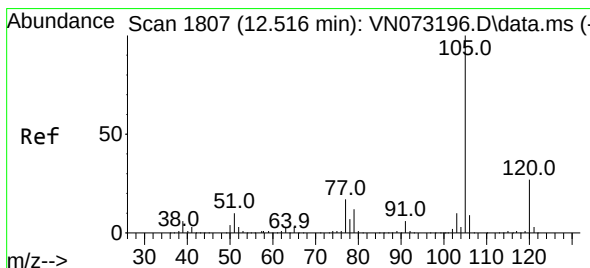
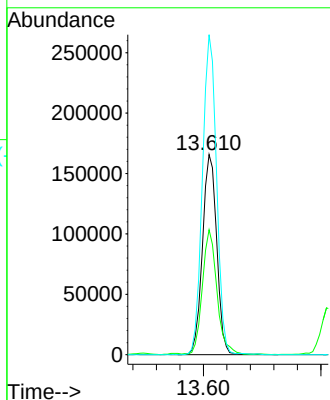
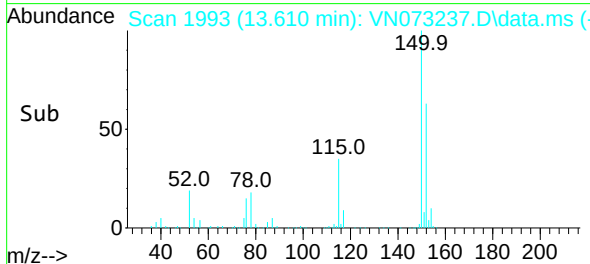
Instrument :
MSVOA_N
ClientSampleId :
TRE-1613



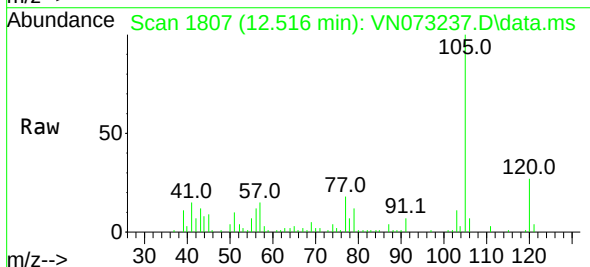
Tgt Ion:152 Resp: 27943
Ion Ratio Lower Upper
152 100
115 63.1 28.9 86.7
150 158.4 0.0 356.2

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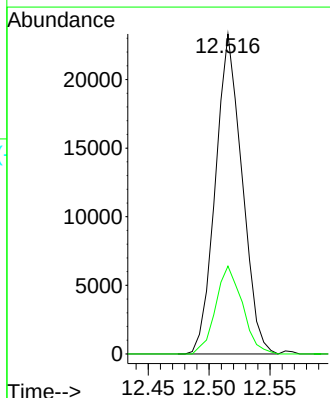
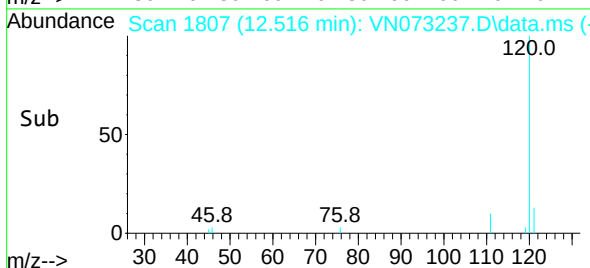
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

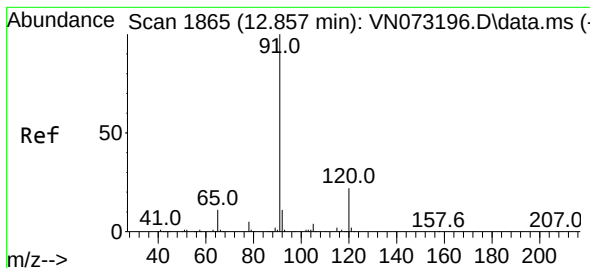


#73
Isopropylbenzene
Concen: 1.469 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52



Tgt Ion:105 Resp: 35454
Ion Ratio Lower Upper
105 100
120 27.6 13.5 40.4





#78

n-propylbenzene

Concen: 3.282 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.000 min

Lab File: VN073237.D

Acq: 29 Jun 2022 12:52

Instrument :

MSVOA_N

ClientSampleId :

TRE-1613

Tgt Ion: 91 Resp: 8799

Ion Ratio Lower Upper

91 100

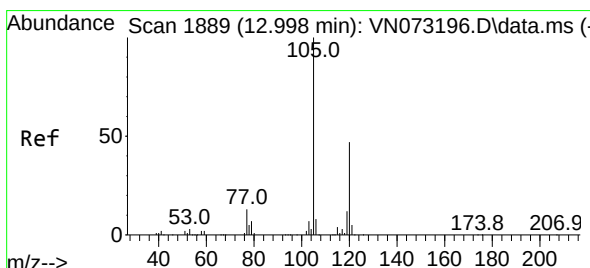
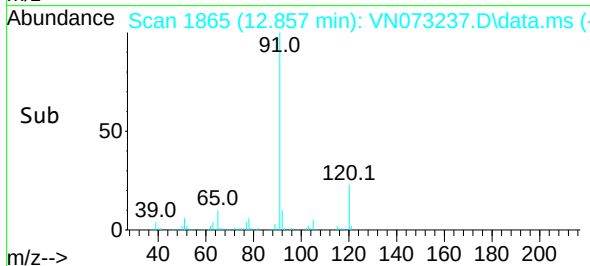
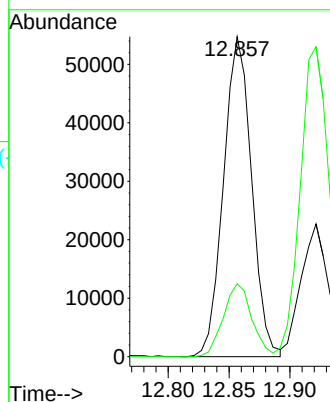
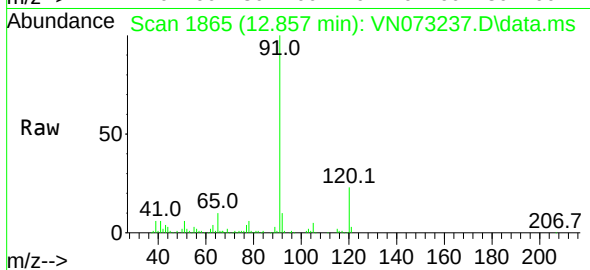
120 23.0 11.9 35.5

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: 6.064 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN073237.D

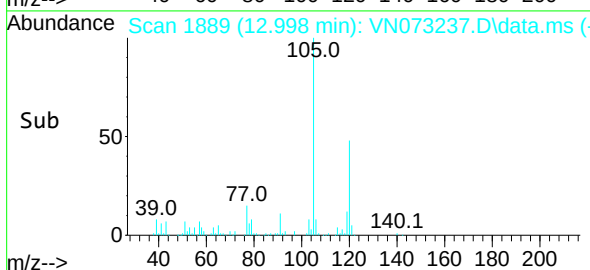
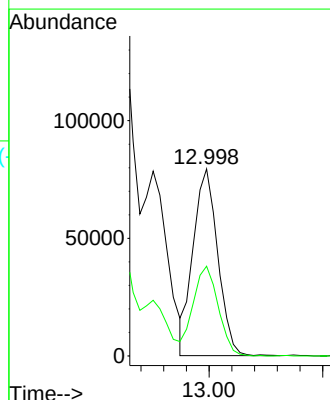
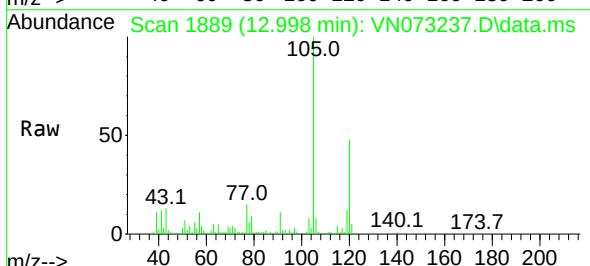
Acq: 29 Jun 2022 12:52

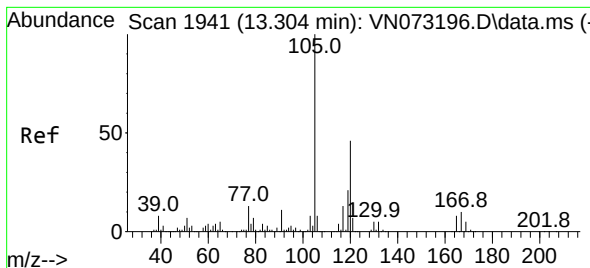
Tgt Ion:105 Resp: 119269

Ion Ratio Lower Upper

105 100

120 49.3 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 39.491 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073237.D

Acq: 29 Jun 2022 12:52

Instrument :

MSVOA_N

ClientSampleId :

TRE-1613

Tgt Ion:105 Resp: 775479

Ion Ratio Lower Upper

105 100

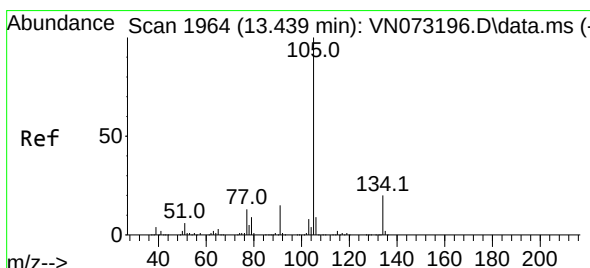
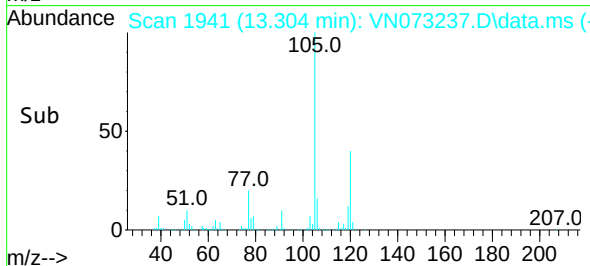
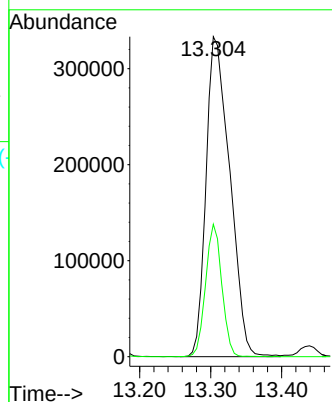
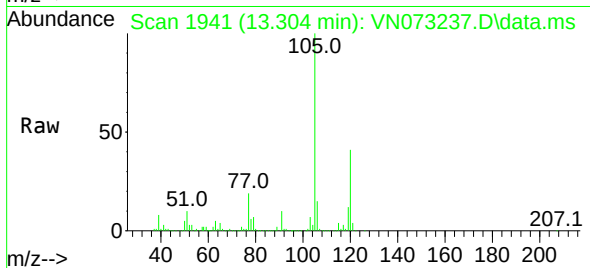
120 28.4 23.3 69.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#85

sec-Butylbenzene

Concen: 0.853 ug/l m

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN073237.D

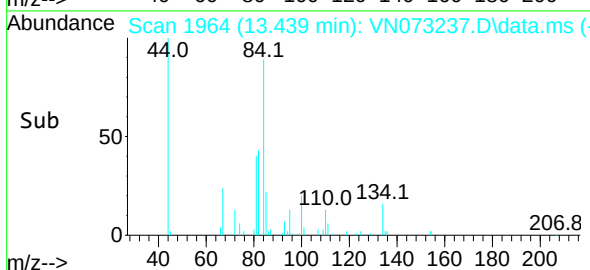
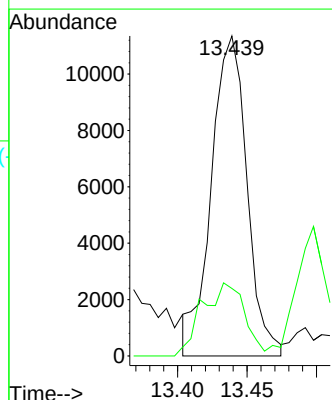
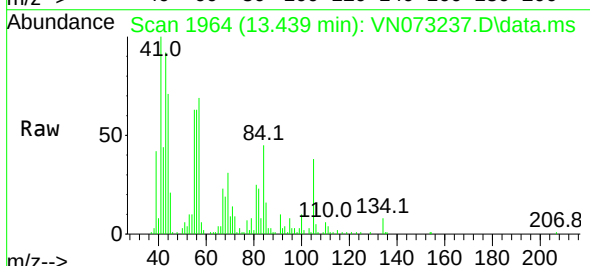
Acq: 29 Jun 2022 12:52

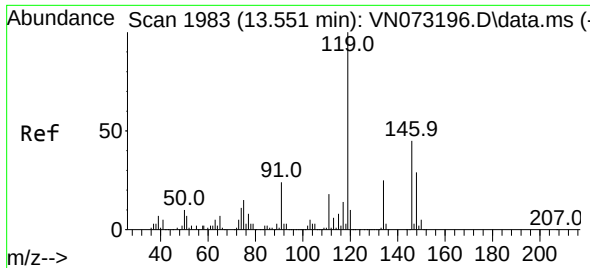
Tgt Ion:105 Resp: 20196

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#





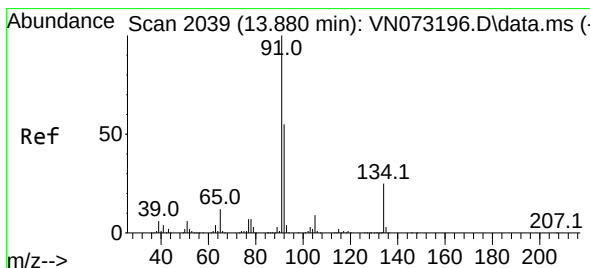
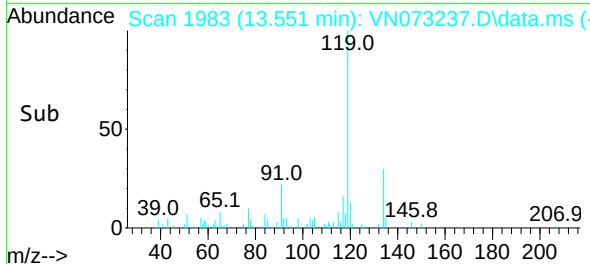
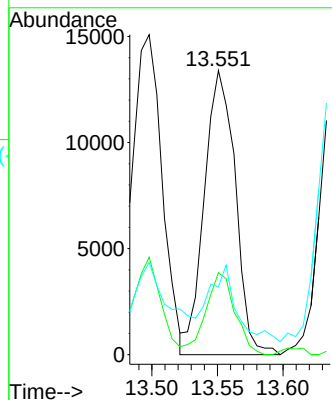
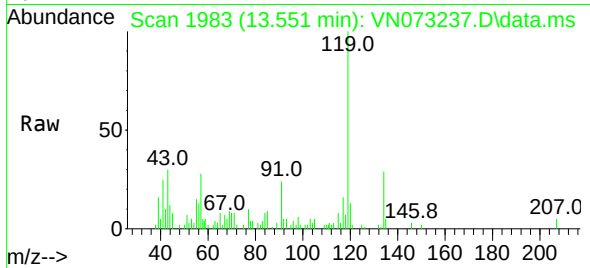
#86
p-Isopropyltoluene
Concen: 1.154 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Instrument :
MSVOA_N
ClientSampleId :
TRE-1613

Tgt Ion: 119 Resp: 22075
Ion Ratio Lower Upper
119 100
134 27.4 13.3 39.8
91 23.5 11.3 33.9

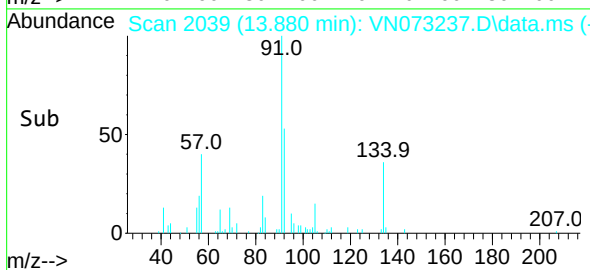
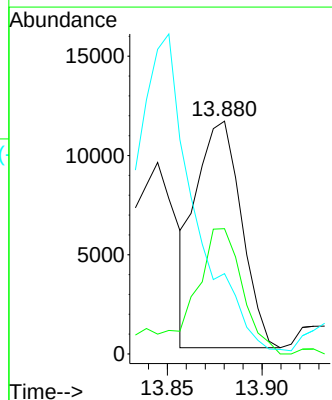
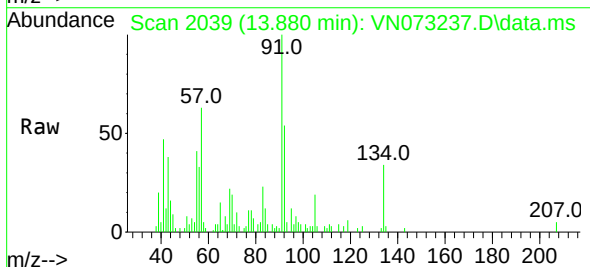
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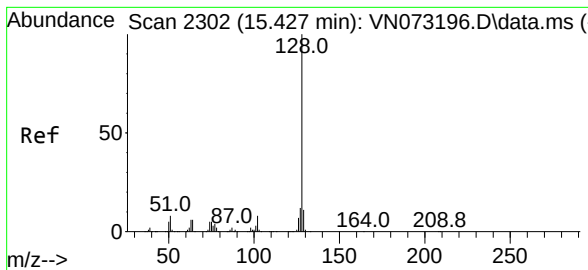
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#89
n-Butylbenzene
Concen: 1.196 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

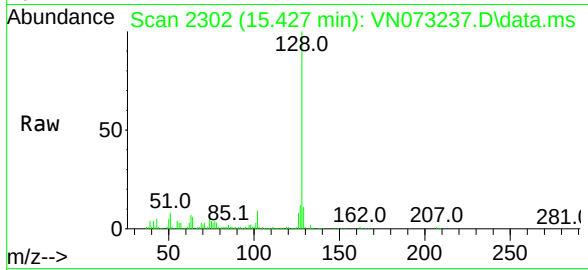
Tgt Ion: 91 Resp: 19060
Ion Ratio Lower Upper
91 100
92 56.4 26.9 80.7
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 13.691 ug/l
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Instrument :
MSVOA_N
ClientSampleId :
TRE-1613



Tgt Ion:128 Resp: 294860
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.1 8.6 13.0

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

