

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072122\
 Data File : VN073553.D
 Acq On : 21 Jul 2022 13:59
 Operator : JC\MD
 Sample : N3760-06DL 5X
 Misc : 2.46g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1606DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/22/2022
 Supervised By :Semsettin Yesilyurt 07/22/2022

Quant Time: Jul 21 15:51:13 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	8.010	168	296770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	471348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	465548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	246862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	172207	40.196	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	80.400%		
35) Dibromofluoromethane	7.951	113	146689	46.777	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.560%		
50) Toluene-d8	10.381	98	545510	48.978	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.960%		
62) 4-Bromofluorobenzene	12.669	95	248021	57.946	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	115.900%		
Target Compounds					Qvalue	
16) Acetone	4.234	43	3811m	1.585	ug/l	
18) Methyl Acetate	4.787	43	22690	3.367	ug/l #	87
20) Methylene Chloride	4.987	84	2811m	0.665	ug/l	
31) Cyclohexane	8.004	56	25990	3.704	ug/l #	76
39) Methylcyclohexane	9.392	83	196994	32.792	ug/l	93
52) Toluene	10.445	92	542920	58.994	ug/l	99
67) Ethyl Benzene	11.786	91	489236	25.594	ug/l	100
68) m/p-Xylenes	11.886	106	423101	58.650	ug/l	96
69) o-Xylene	12.222	106	214236	29.090	ug/l	93
73) Isopropylbenzene	12.522	105	194595	9.128	ug/l	100
74) N-amyl acetate	12.310	43	348106	32.612	ug/l #	59
78) n-propylbenzene	12.863	91	637746	26.929	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	482349	27.760	ug/l	95
84) 1,2,4-Trimethylbenzene	13.310	105	2101442	121.137	ug/l	97
85) sec-Butylbenzene	13.439	105	378084	18.075	ug/l	85
86) p-Isopropyltoluene	13.557	119	258136	15.277	ug/l	96
89) n-Butylbenzene	13.880	91	704327	50.022	ug/l #	72
95) Naphthalene	15.433	128	565267	29.710	ug/l #	96

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

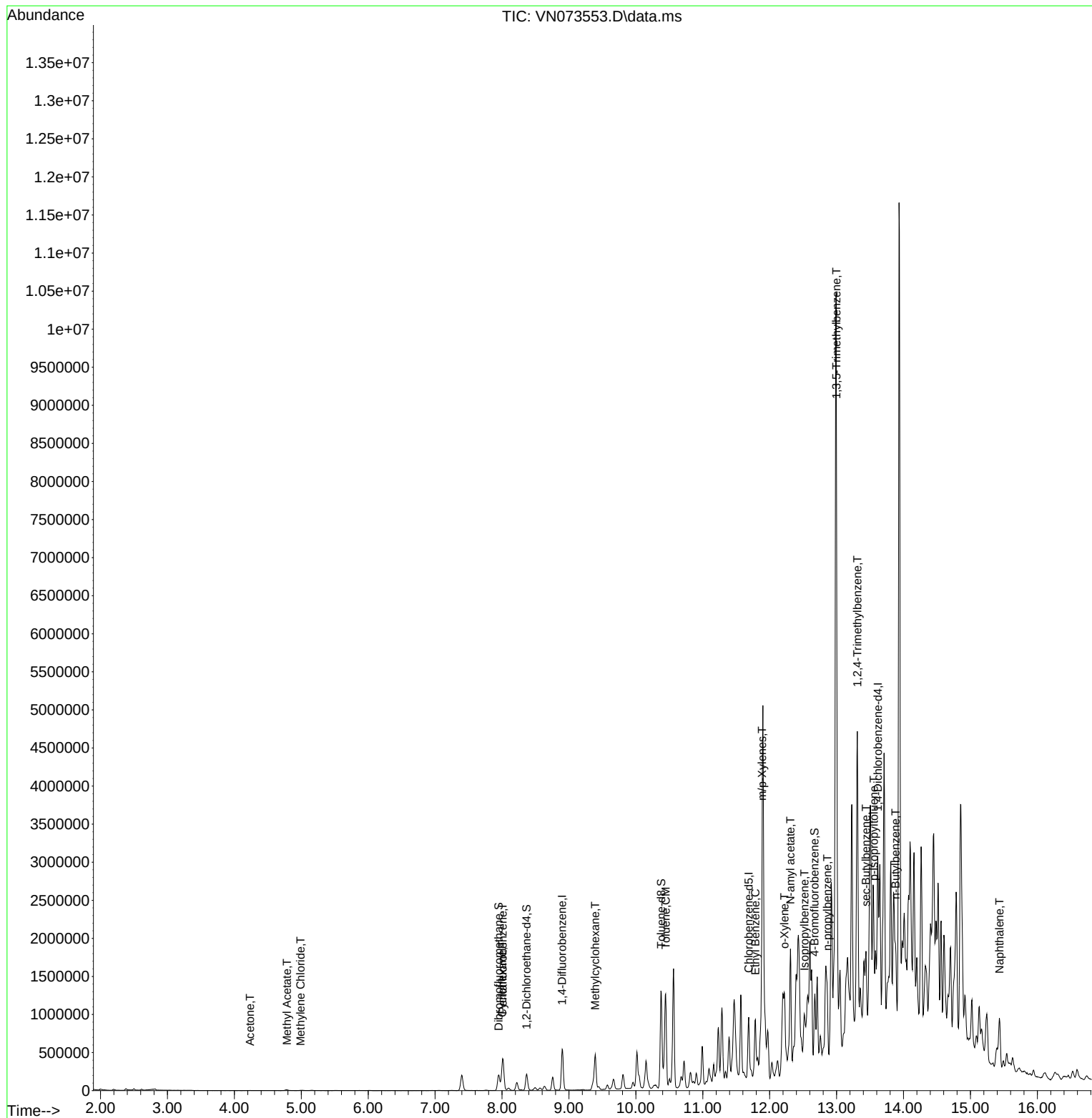
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072122\
Data File : VN073553.D
Acq On : 21 Jul 2022 13:59
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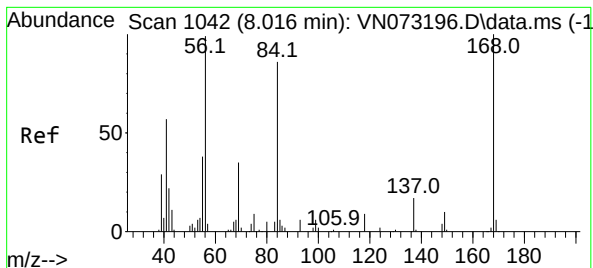
Instrument :
MSVOA_N
ClientSampleId :
AUD-1606DL

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Quant Time: Jul 21 15:51:13 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.010 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN073553.D

Acq: 21 Jul 2022 13:59

Instrument :

MSVOA_N

ClientSampleId :

AUD-1606DL

Tgt Ion:168 Resp: 296770

Ion Ratio Lower Upper

168 100

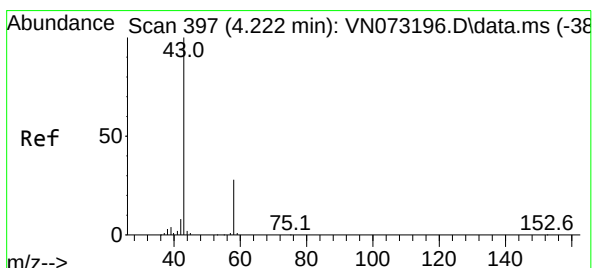
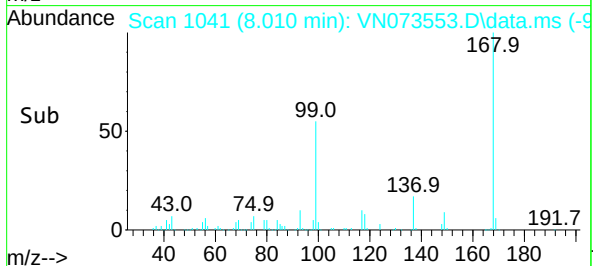
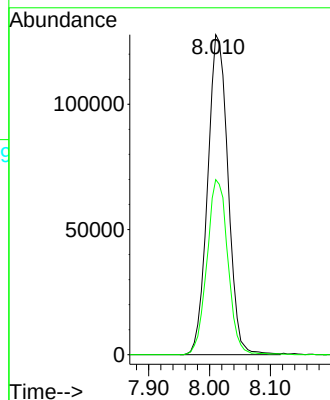
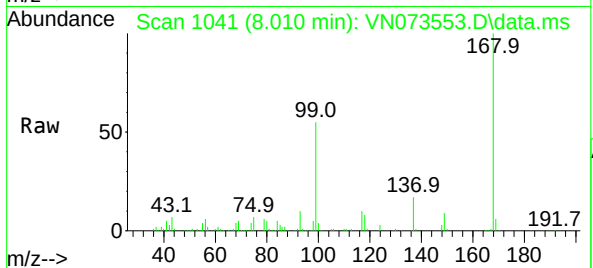
99 54.7 42.3 63.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/22/2022

Supervised By :Semsettin Yesilyurt 07/22/2022



#16

Acetone

Concen: 1.585 ug/l m

RT: 4.234 min Scan# 399

Delta R.T. 0.012 min

Lab File: VN073553.D

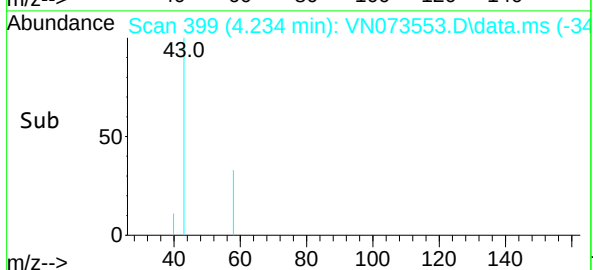
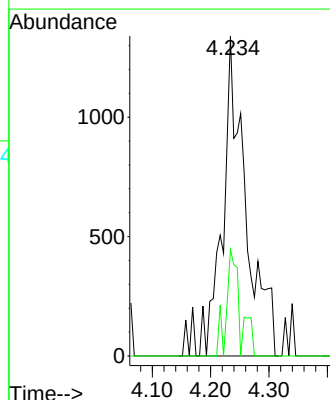
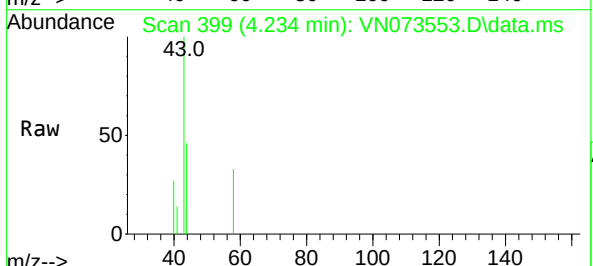
Acq: 21 Jul 2022 13:59

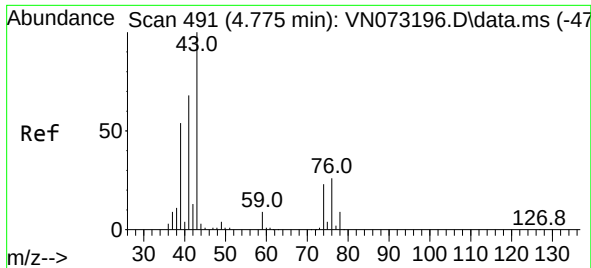
Tgt Ion: 43 Resp: 3811

Ion Ratio Lower Upper

43 100

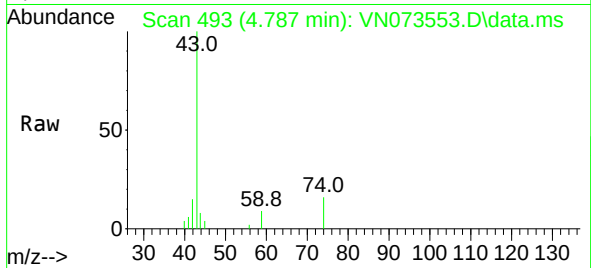
58 33.3 26.0 39.0





#18
Methyl Acetate
Concen: 3.367 ug/l
RT: 4.787 min Scan# 491
Delta R.T. 0.012 min
Lab File: VN073553.D
Acq: 21 Jul 2022 13:59

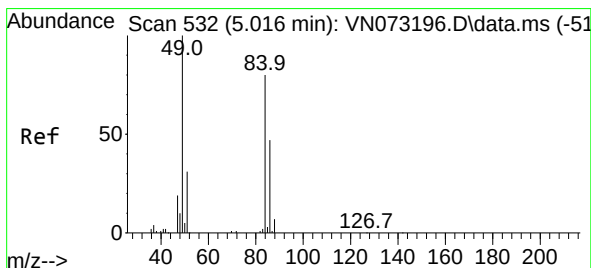
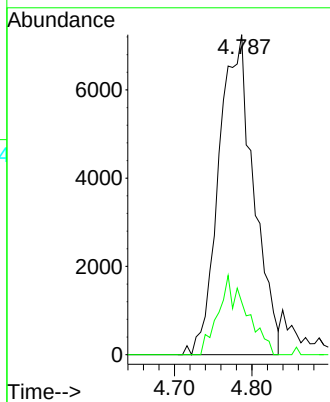
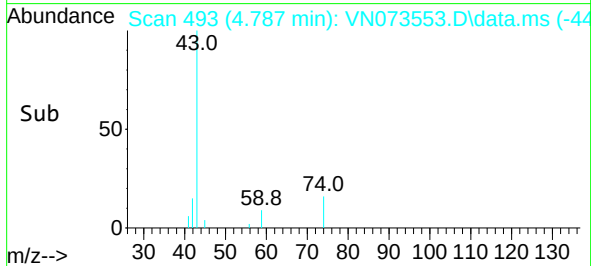
Instrument :
MSVOA_N
ClientSampleId :
AUD-1606DL



Tgt Ion: 43 Resp: 22690
Ion Ratio Lower Upper
43 100
74 20.1 21.6 32.4

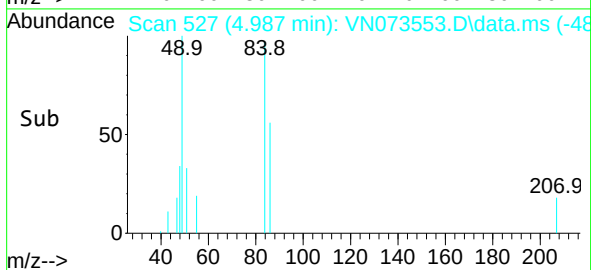
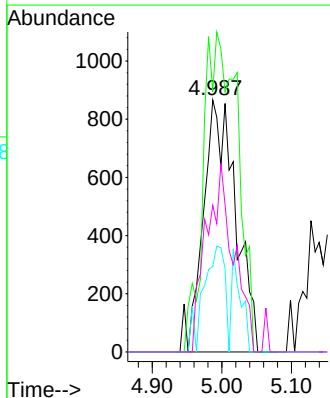
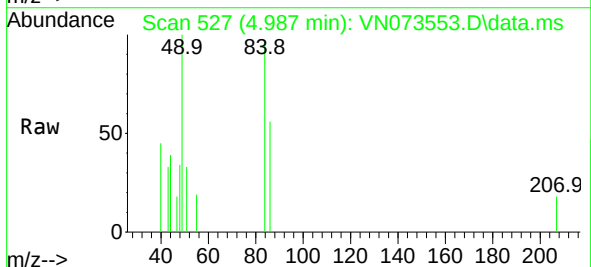
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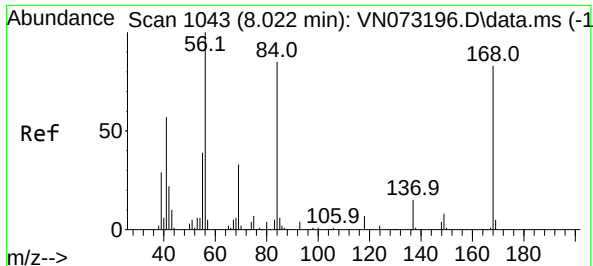
Reviewed By :Mahesh Dadoda 07/22/2022
Supervised By :Semsettin Yesilyurt 07/22/2022



#20
Methylene Chloride
Concen: 0.665 ug/l m
RT: 4.987 min Scan# 527
Delta R.T. -0.029 min
Lab File: VN073553.D
Acq: 21 Jul 2022 13:59

Tgt Ion: 84 Resp: 2811
Ion Ratio Lower Upper
84 100
49 103.3 88.3 132.5
51 34.1 28.2 42.2
86 58.2 50.6 76.0





#31

Cyclohexane

Concen: 3.704 ug/l

RT: 8.004 min Scan# 1040

Delta R.T. -0.018 min

Lab File: VN073553.D

Acq: 21 Jul 2022 13:59

Instrument :

MSVOA_N

ClientSampleId :

AUD-1606DL

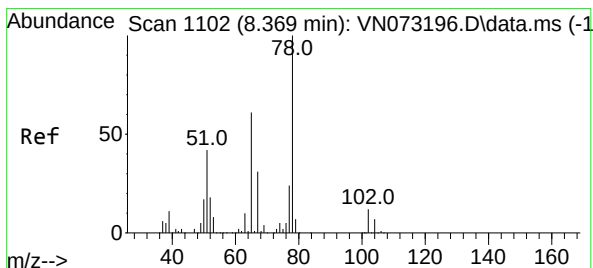
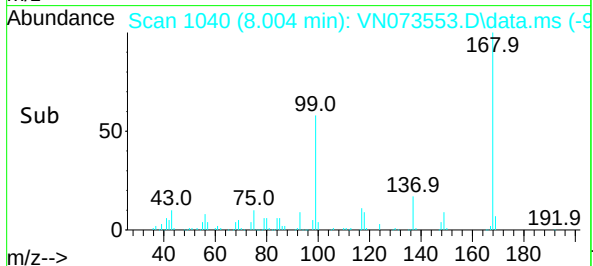
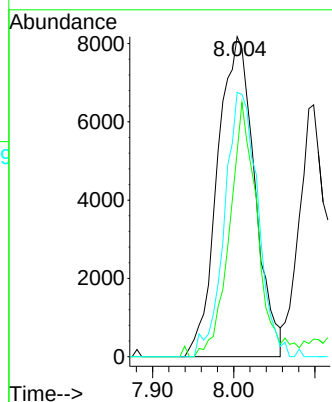
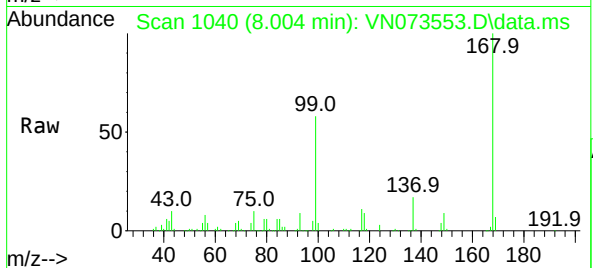
Tgt Ion: 56 Resp: 25990

Ion	Ratio	Lower	Upper
56	100		
69	64.1	27.8	41.8
84	82.6	76.9	115.3

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Supervised By :Semsettin Yesilyurt 07/22/2022



#33

1,2-Dichloroethane-d4

Concen: 40.196 ug/l

RT: 8.369 min Scan# 1102

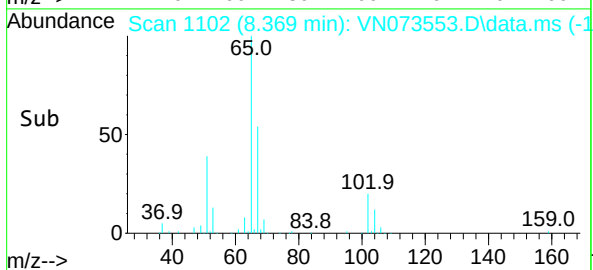
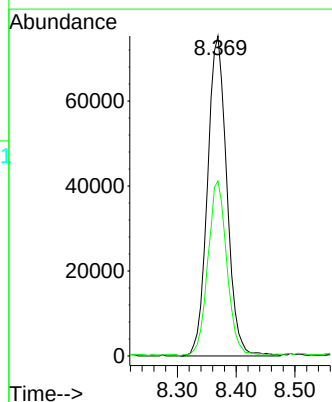
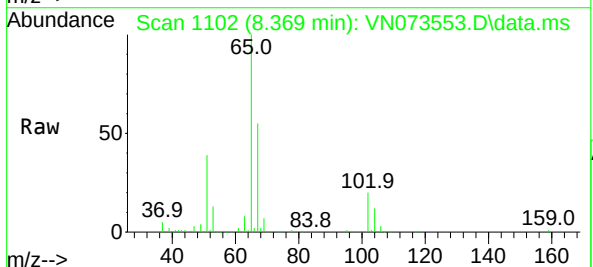
Delta R.T. -0.000 min

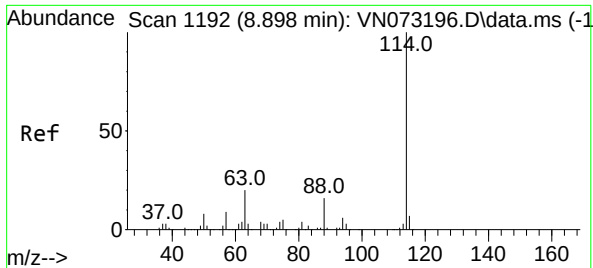
Lab File: VN073553.D

Acq: 21 Jul 2022 13:59

Tgt Ion: 65 Resp: 172207

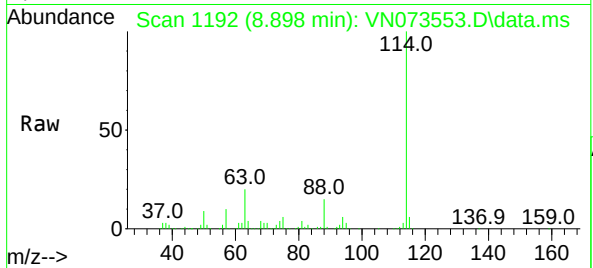
Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	104.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073553.D
Acq: 21 Jul 2022 13:59

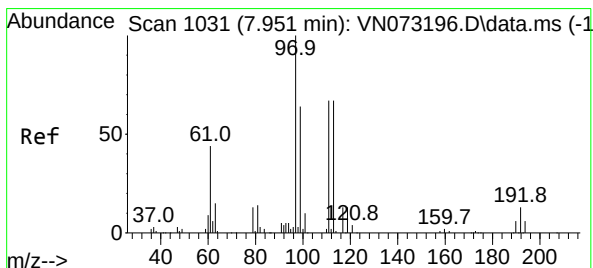
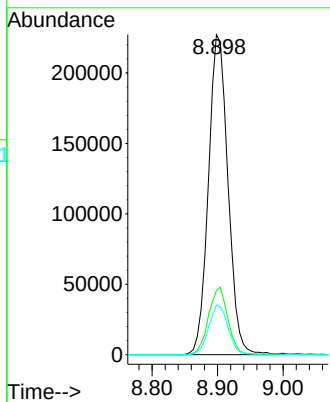
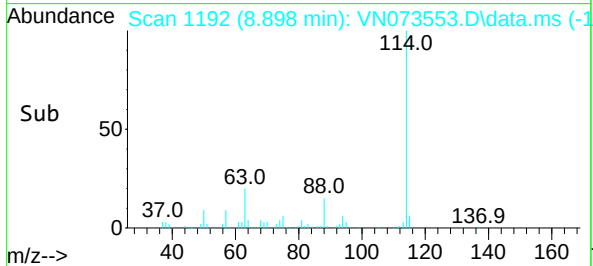
Instrument :
MSVOA_N
ClientSampleId :
AUD-1606DL



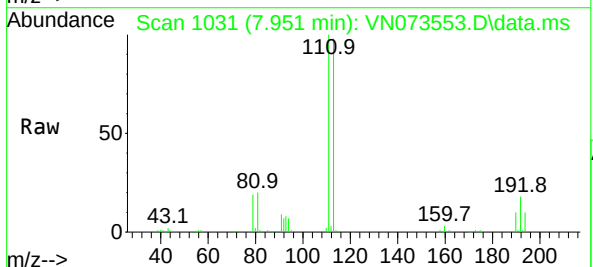
Tgt Ion:114 Resp: 471348
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.0
88 15.5 0.0 32.6

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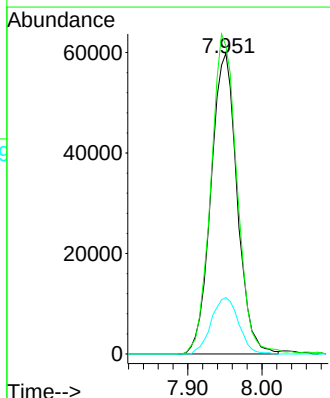
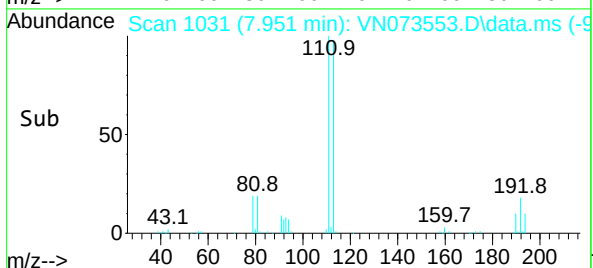
Reviewed By :Mahesh Dadoda 07/22/2022
Supervised By :Semsettin Yesilyurt 07/22/2022

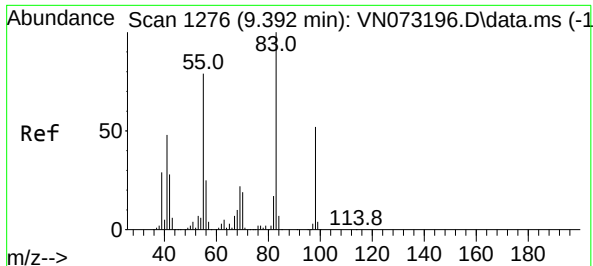


#35
Dibromofluoromethane
Concen: 46.777 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073553.D
Acq: 21 Jul 2022 13:59



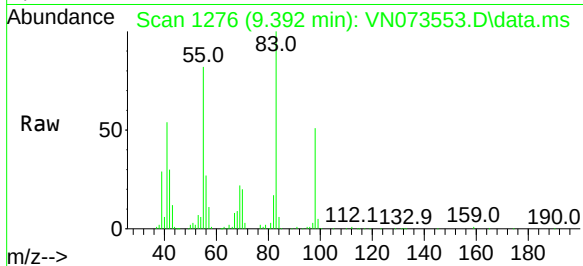
Tgt Ion:113 Resp: 146689
Ion Ratio Lower Upper
113 100
111 106.3 81.4 122.0
192 19.6 17.0 25.6





#39
Methylcyclohexane
Concen: 32.792 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN073553.D
Acq: 21 Jul 2022 13:59

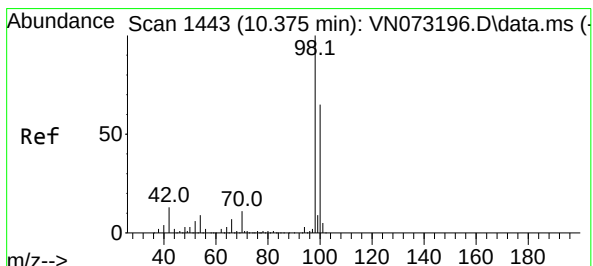
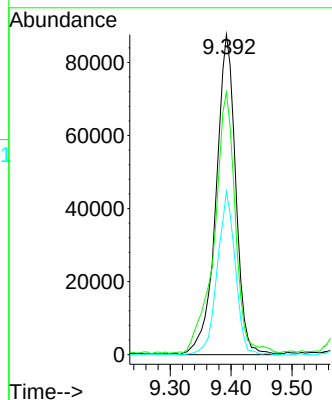
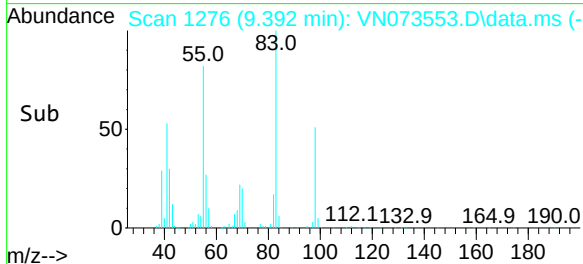
Instrument :
MSVOA_N
ClientSampleId :
AUD-1606DL



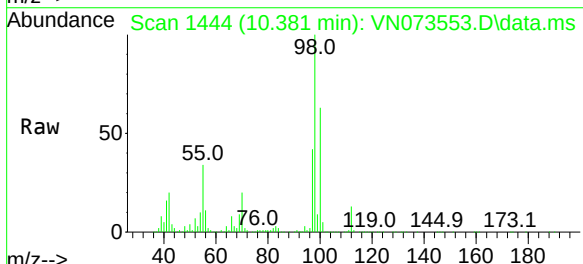
Tgt Ion: 83 Resp: 196994
Ion Ratio Lower Upper
83 100
55 81.4 57.8 86.8
98 50.9 39.4 59.2

Manual Integrations
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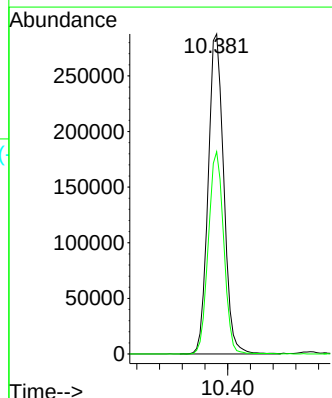
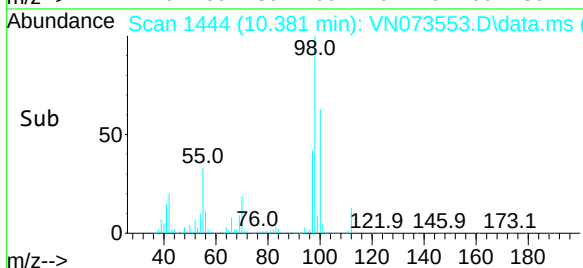
Reviewed By :Mahesh Dadoda 07/22/2022
Supervised By :Semsettin Yesilyurt 07/22/2022

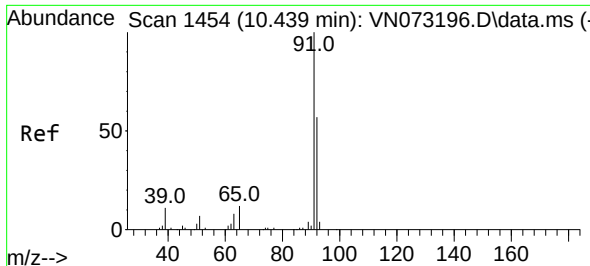


#50
Toluene-d8
Concen: 48.978 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073553.D
Acq: 21 Jul 2022 13:59



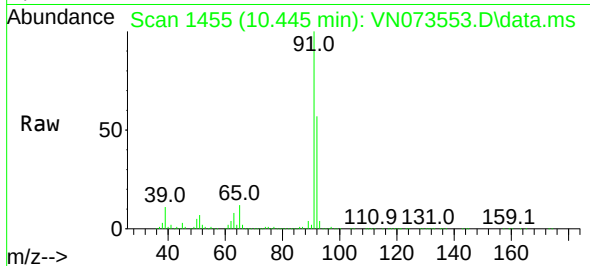
Tgt Ion: 98 Resp: 545510
Ion Ratio Lower Upper
98 100
100 62.4 52.6 78.8





#52
Toluene
Concen: 58.994 ug/l
RT: 10.445 min Scan# 1454
Delta R.T. 0.006 min
Lab File: VN073553.D
Acq: 21 Jul 2022 13:59

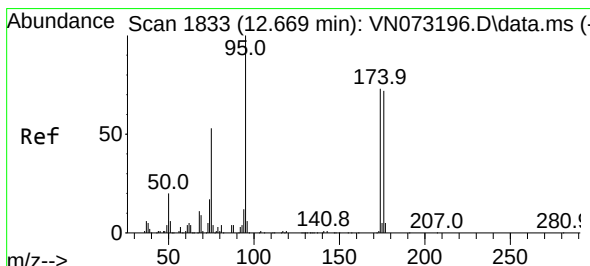
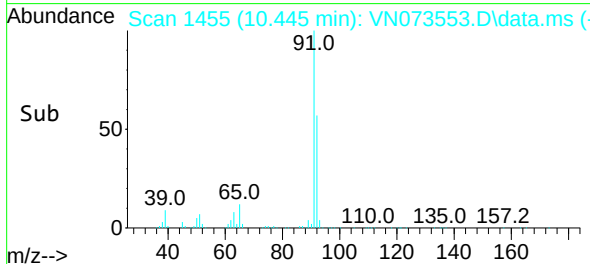
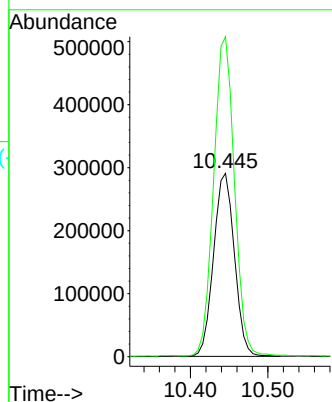
Instrument :
MSVOA_N
ClientSampleId :
AUD-1606DL



Tgt Ion: 92 Resp: 542920
Ion Ratio Lower Upper
92 100
91 174.4 138.6 207.8

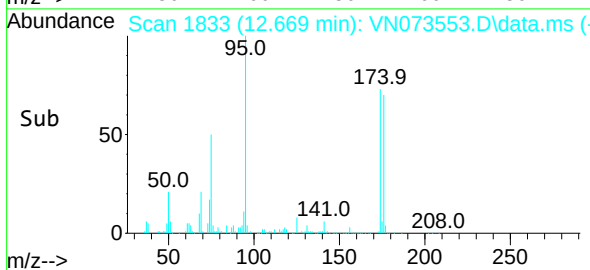
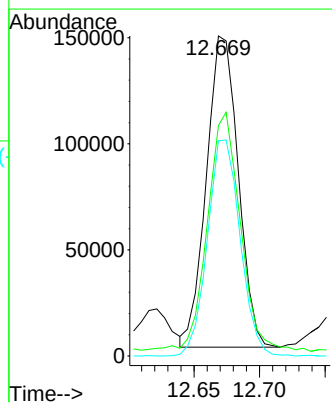
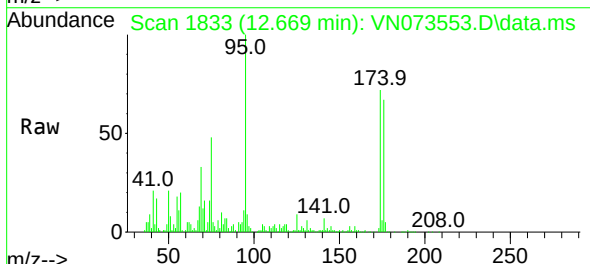
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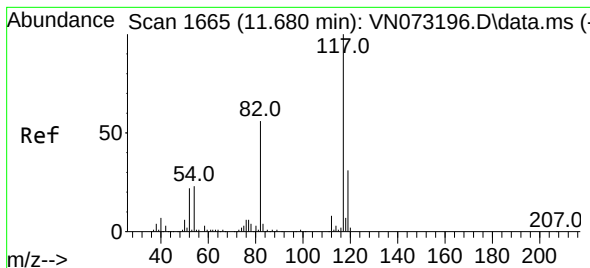
Reviewed By :Mahesh Dadoda 07/22/2022
Supervised By :Semsettin Yesilyurt 07/22/2022



#62
4-Bromofluorobenzene
Concen: 57.946 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073553.D
Acq: 21 Jul 2022 13:59

Tgt Ion: 95 Resp: 248021
Ion Ratio Lower Upper
95 100
174 83.8 0.0 167.6
176 71.2 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1665

Delta R.T. 0.006 min

Lab File: VN073553.D

Acq: 21 Jul 2022 13:59

Instrument :

MSVOA_N

ClientSampleId :

AUD-1606DL

Tgt Ion:117 Resp: 46554

Ion Ratio Lower Upper

117 100

82 52.8 44.2 66.2

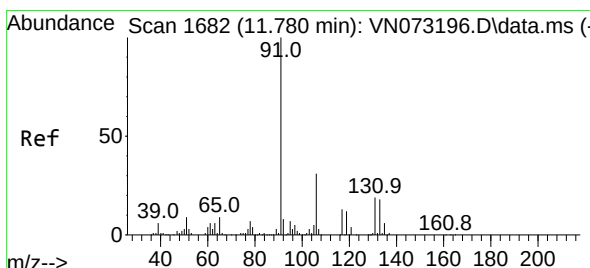
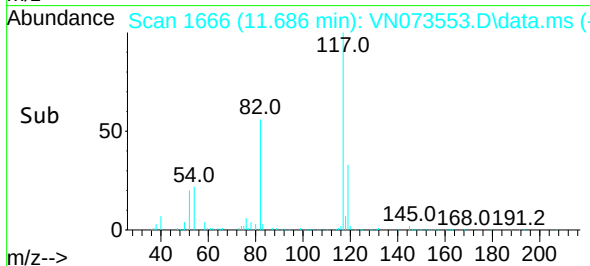
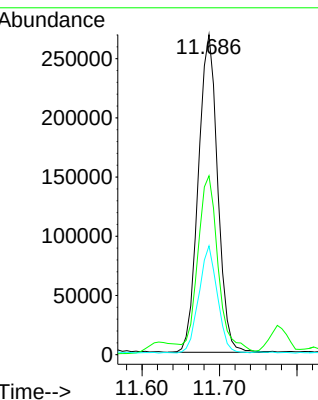
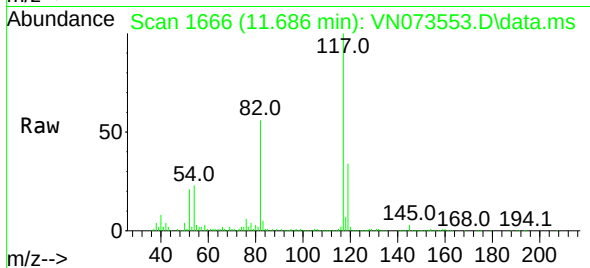
119 33.6 25.4 38.0

Manual Integrations

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Supervised By :Semsettin Yesilyurt 07/22/2022



#67

Ethyl Benzene

Concen: 25.594 ug/l

RT: 11.786 min Scan# 1683

Delta R.T. 0.006 min

Lab File: VN073553.D

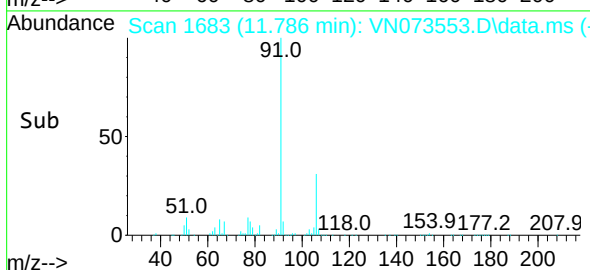
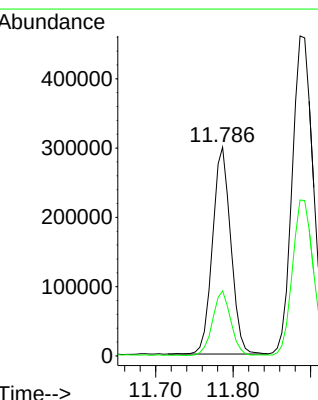
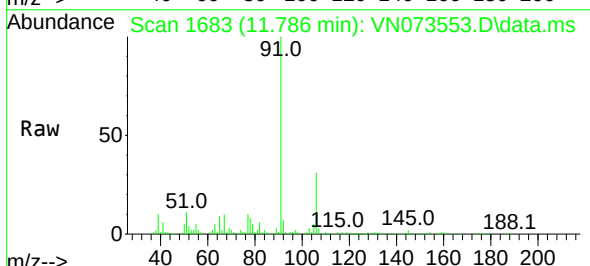
Acq: 21 Jul 2022 13:59

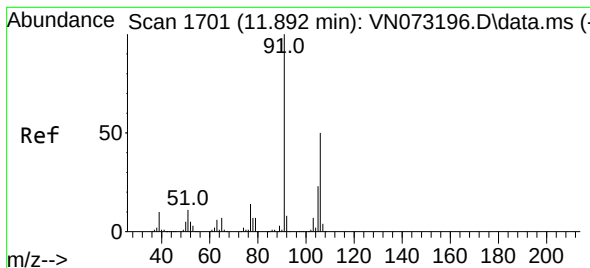
Tgt Ion: 91 Resp: 489236

Ion Ratio Lower Upper

91 100

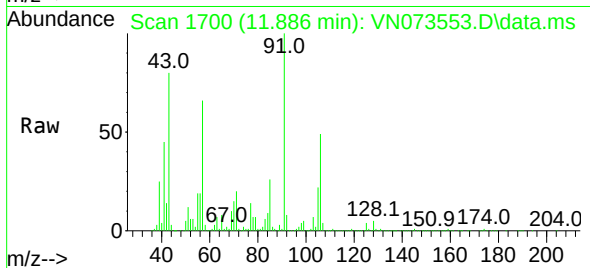
106 31.1 24.9 37.3





#68
m/p-Xylenes
Concen: 58.650 ug/l
RT: 11.886 min Scan# 11886
Delta R.T. -0.006 min
Lab File: VN073553.D
Acq: 21 Jul 2022 13:59

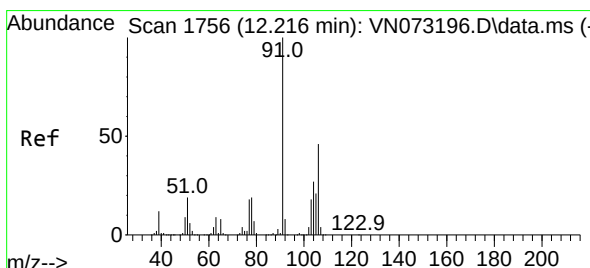
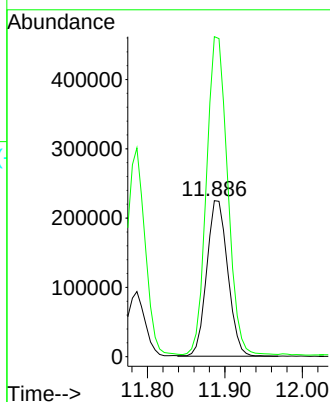
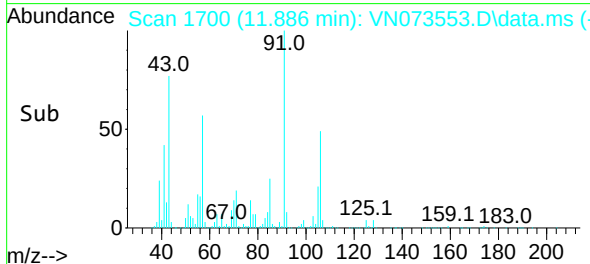
Instrument :
MSVOA_N
ClientSampleId :
AUD-1606DL



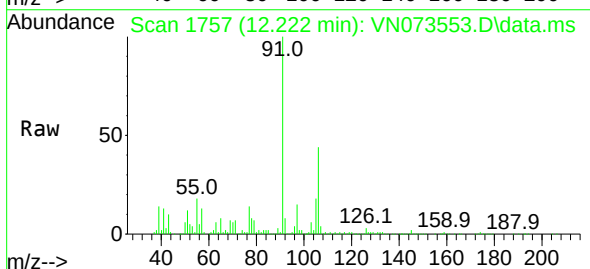
Tgt Ion:106 Resp: 42310
Ion Ratio Lower Upper
106 100
91 204.6 158.9 238.3

Manual Integrations
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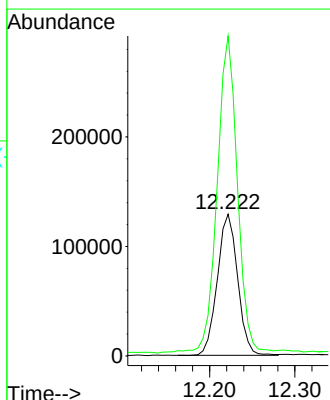
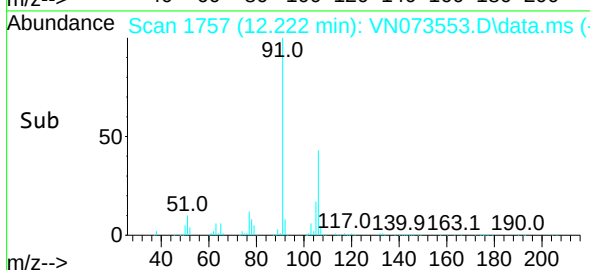
Reviewed By :Mahesh Dadoda 07/22/2022
Supervised By :Semsettin Yesilyurt 07/22/2022

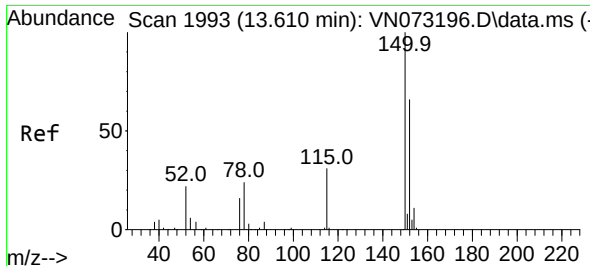


#69
o-Xylene
Concen: 29.090 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.006 min
Lab File: VN073553.D
Acq: 21 Jul 2022 13:59



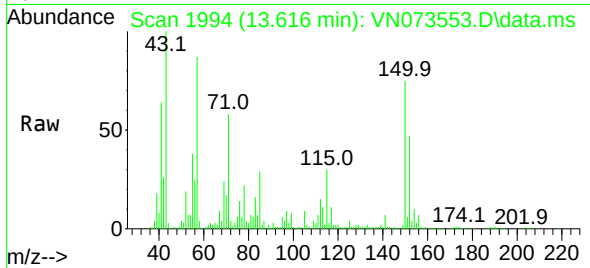
Tgt Ion:106 Resp: 214236
Ion Ratio Lower Upper
106 100
91 223.4 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VN073553.D
Acq: 21 Jul 2022 13:59

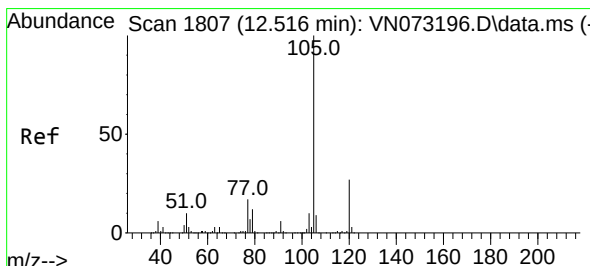
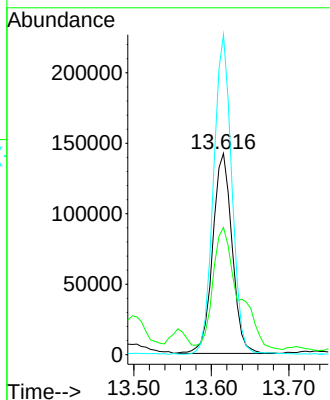
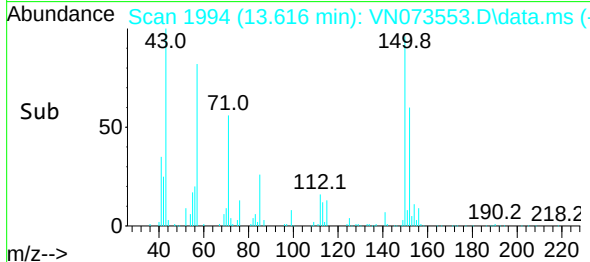
Instrument :
MSVOA_N
ClientSampleId :
AUD-1606DL



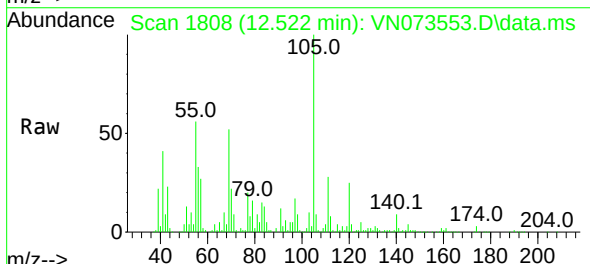
Tgt Ion:152 Resp: 246862
Ion Ratio Lower Upper
152 100
115 80.7 28.9 86.7
150 149.9 0.0 356.2

Manual Integrations
APPROVED

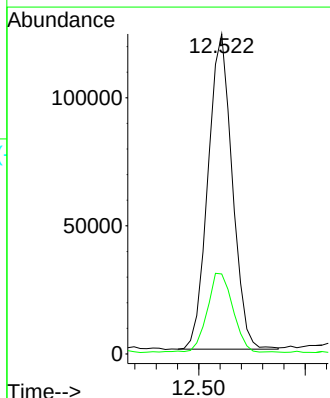
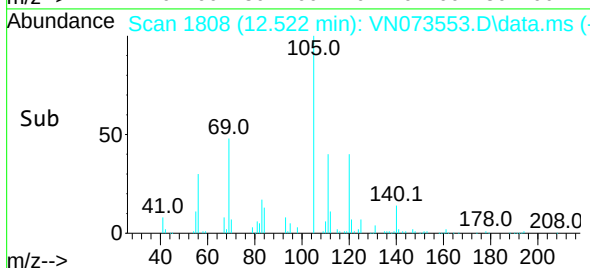
Reviewed By :Mahesh Dadoda 07/22/2022
Supervised By :Semsettin Yesilyurt 07/22/2022

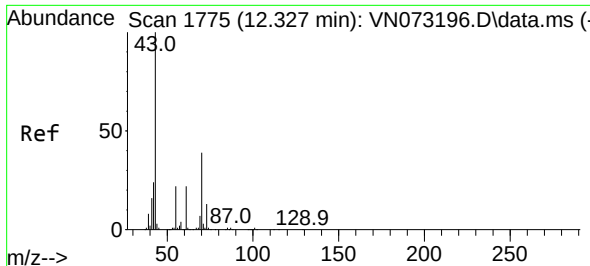


#73
Isopropylbenzene
Concen: 9.128 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN073553.D
Acq: 21 Jul 2022 13:59



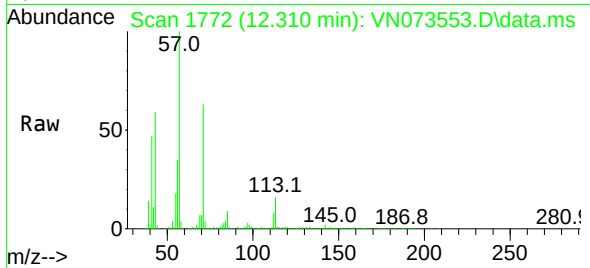
Tgt Ion:105 Resp: 194595
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4





#74
N-amy1 acetate
Concen: 32.612 ug/l
RT: 12.310 min Scan# 1775
Delta R.T. -0.017 min
Lab File: VN073553.D
Acq: 21 Jul 2022 13:59

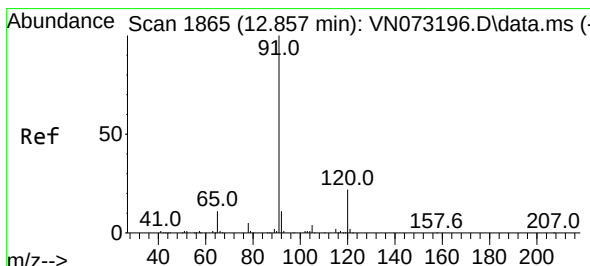
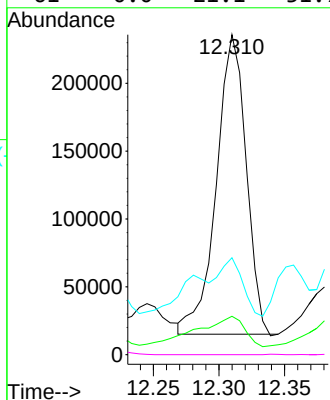
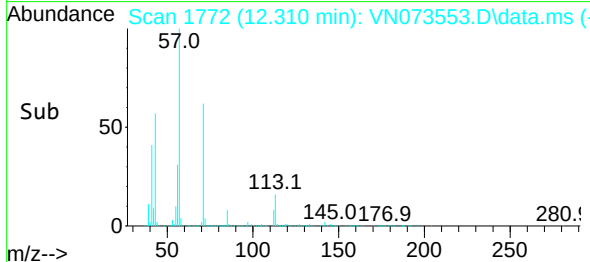
Instrument :
MSVOA_N
ClientSampleId :
AUD-1606DL



Tgt Ion: 43 Resp: 348100
Ion Ratio Lower Upper
43 100
70 16.6 39.0 58.4
55 16.0 21.1 31.7
61 0.0 21.1 31.7

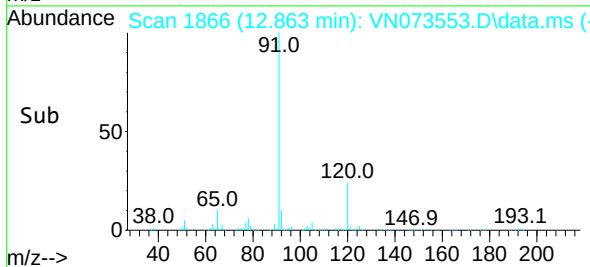
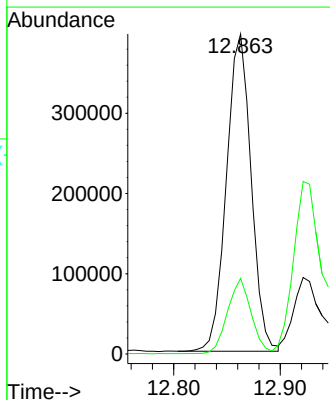
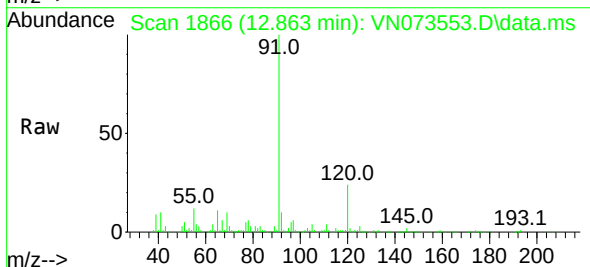
Manual Integrations
APPROVED

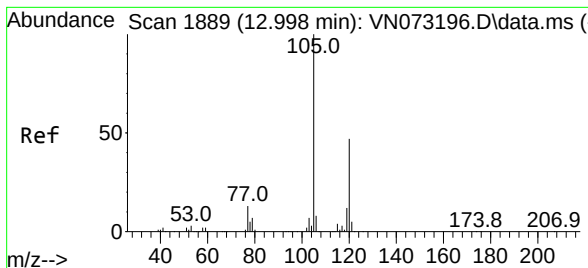
Reviewed By :Mahesh Dadoda 07/22/2022
Supervised By :Semsettin Yesilyurt 07/22/2022



#78
n-propylbenzene
Concen: 26.929 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VN073553.D
Acq: 21 Jul 2022 13:59

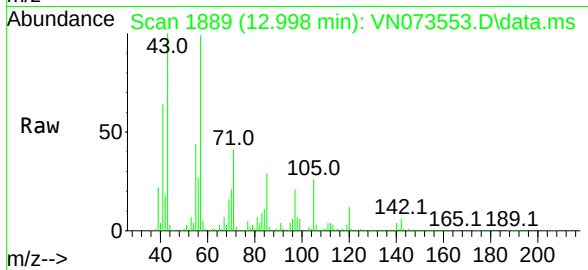
Tgt Ion: 91 Resp: 637746
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.5





#80
 1,3,5-Trimethylbenzene
 Concen: 27.760 ug/l
 RT: 12.998 min Scan# 1889
 Delta R.T. 0.000 min
 Lab File: VN073553.D
 Acq: 21 Jul 2022 13:59

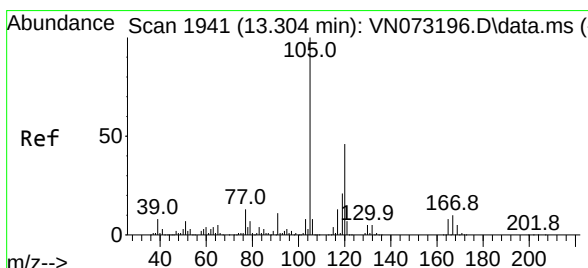
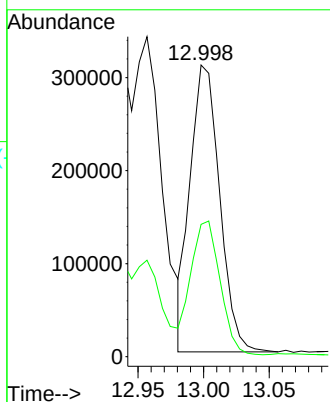
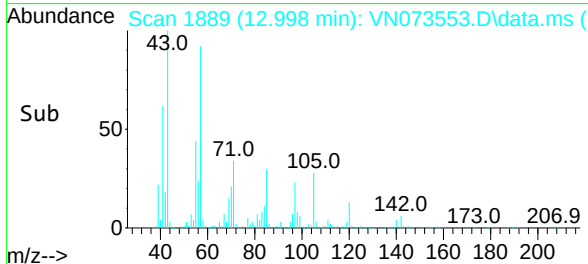
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1606DL



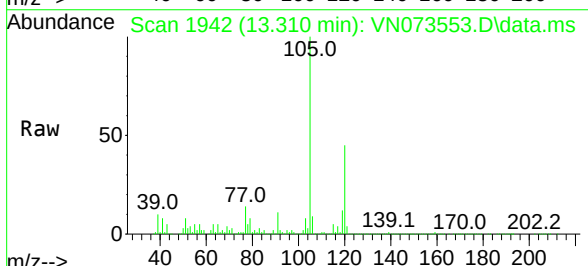
Tgt Ion:105 Resp: 482349
 Ion Ratio Lower Upper
 105 100
 120 46.2 24.9 74.7

Manual Integrations
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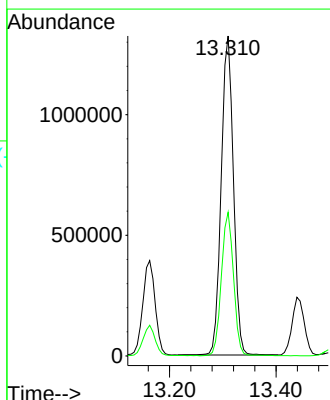
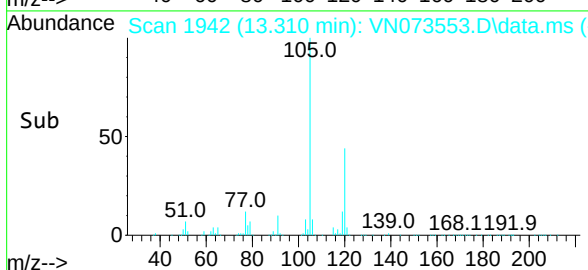
Reviewed By :Mahesh Dadoda 07/22/2022
 Supervised By :Semsettin Yesilyurt 07/22/2022

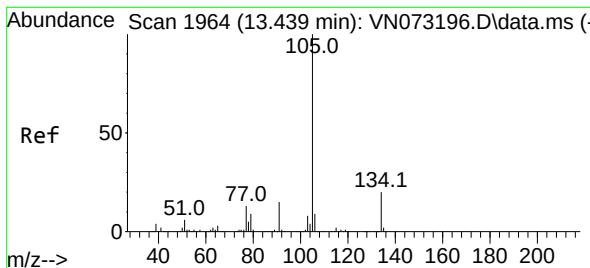


#84
 1,2,4-Trimethylbenzene
 Concen: 121.137 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. 0.006 min
 Lab File: VN073553.D
 Acq: 21 Jul 2022 13:59



Tgt Ion:105 Resp: 2101442
 Ion Ratio Lower Upper
 105 100
 120 44.6 23.3 69.8





#85

sec-Butylbenzene

Concen: 18.075 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN073553.D

Acq: 21 Jul 2022 13:59

Instrument :

MSVOA_N

ClientSampleId :

AUD-1606DL

Tgt Ion:105 Resp: 378084

Ion Ratio Lower Upper

105 100

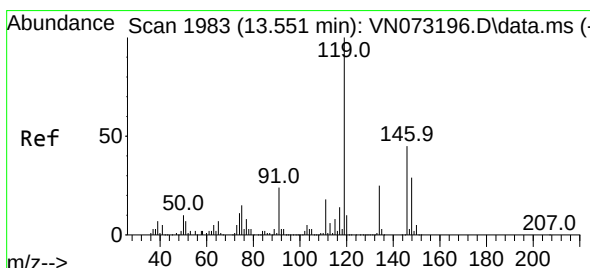
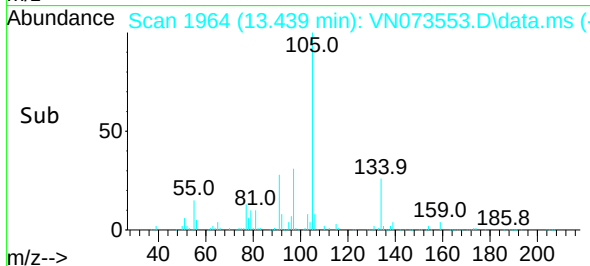
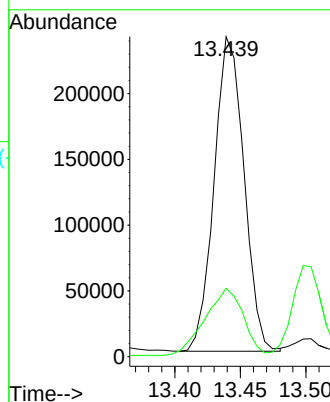
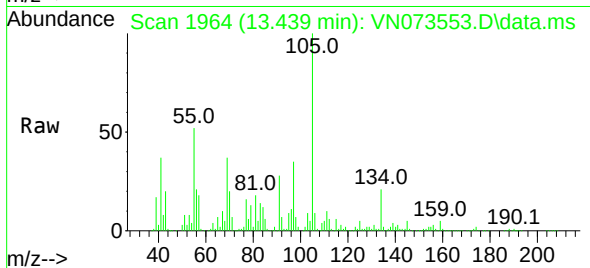
134 27.5 10.4 31.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/22/2022

Supervised By :Semsettin Yesilyurt 07/22/2022



#86

p-Isopropyltoluene

Concen: 15.277 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. 0.006 min

Lab File: VN073553.D

Acq: 21 Jul 2022 13:59

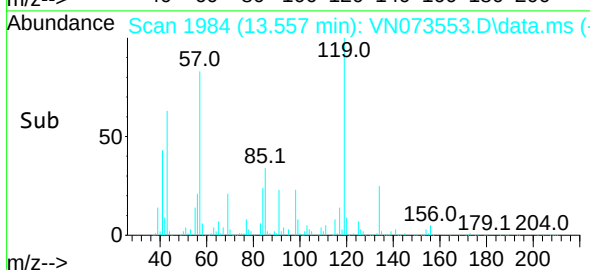
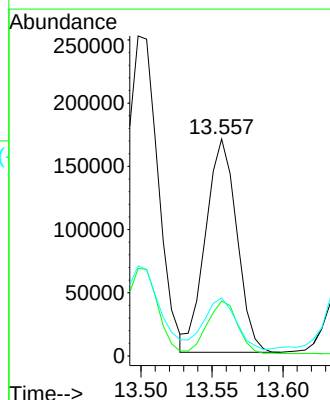
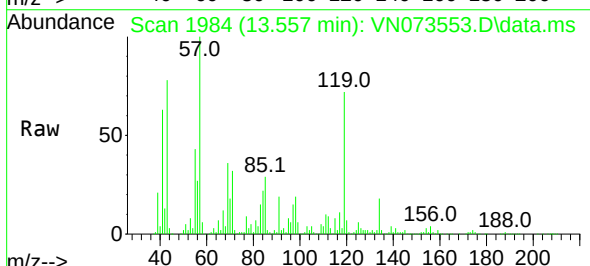
Tgt Ion:119 Resp: 258136

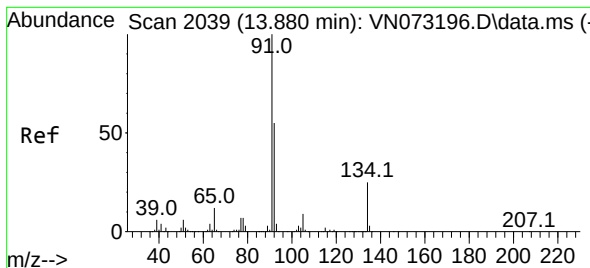
Ion Ratio Lower Upper

119 100

134 24.1 13.3 39.8

91 24.1 11.3 33.9





#89

n-Butylbenzene

Concen: 50.022 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073553.D

Acq: 21 Jul 2022 13:59

Instrument :

MSVOA_N

ClientSampleId :

AUD-1606DL

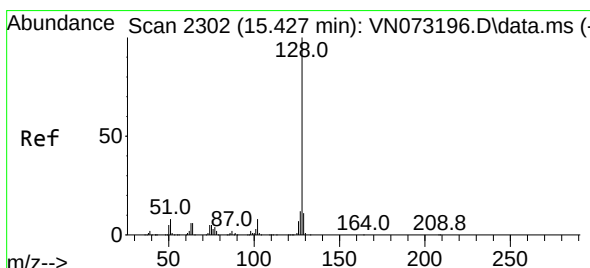
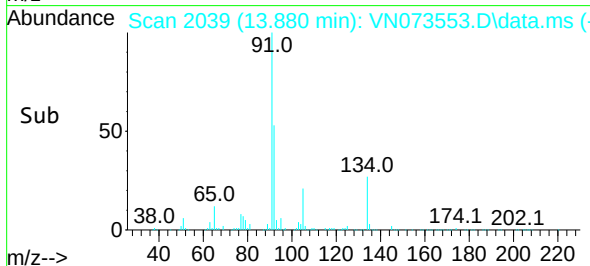
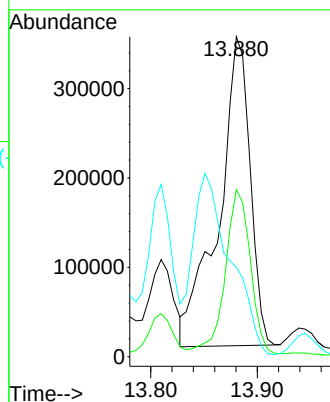
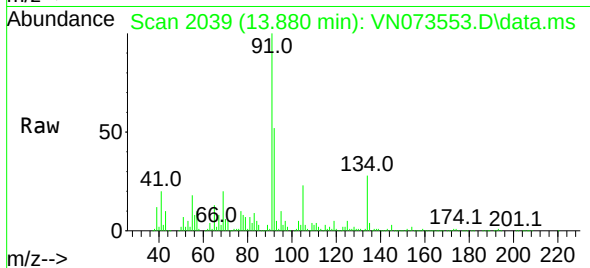
Tgt Ion: 91 Resp: 70432

Ion	Ratio	Lower	Upper
91	100		
92	43.0	26.9	80.7
134	0.0	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/22/2022
Supervised By :Semsettin Yesilyurt 07/22/2022



#95

Naphthalene

Concen: 29.710 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN073553.D

Acq: 21 Jul 2022 13:59

Tgt Ion:128 Resp: 565267

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	13.9	8.6	13.0

