

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
 Data File : VN072481.D
 Acq On : 13 May 2022 16:49
 Operator : JC\MD
 Sample : N2800-13DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP051122DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/25/2022
 Supervised By :Semsettin Yesilyurt 05/25/2022

Quant Time: May 14 02:36:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	322146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	480502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	414798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	169979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	232247	47.069	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.140%		
35) Dibromofluoromethane	8.016	113	158286	49.514	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.020%		
50) Toluene-d8	10.439	98	602050	49.450	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.900%		
62) 4-Bromofluorobenzene	12.727	95	200688	49.634	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.260%		
Target Compounds						
					Qvalue	
25) 2-Butanone	7.333	43	5366	1.740	ug/l	91
31) Cyclohexane	8.092	56	33937	5.191	ug/l #	80
39) Methylcyclohexane	9.457	83	22667	4.393	ug/l	90
67) Ethyl Benzene	11.839	91	9324	0.638	ug/l	99
68) m/p-Xylenes	11.945	106	107415	19.369	ug/l	91
69) o-Xylene	12.274	106	117309	21.529	ug/l	95
73) Isopropylbenzene	12.574	105	24977	1.774	ug/l	97
78) n-propylbenzene	12.915	91	15610	1.036	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	153643	13.322	ug/l	93
84) 1,2,4-Trimethylbenzene	13.362	105	404687	36.072	ug/l	96
85) sec-Butylbenzene	13.498	105	11131m	0.827	ug/l	
86) p-Isopropyltoluene	13.610	119	8076	0.770	ug/l	91
95) Naphthalene	15.504	128	48985	8.823	ug/l	99

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

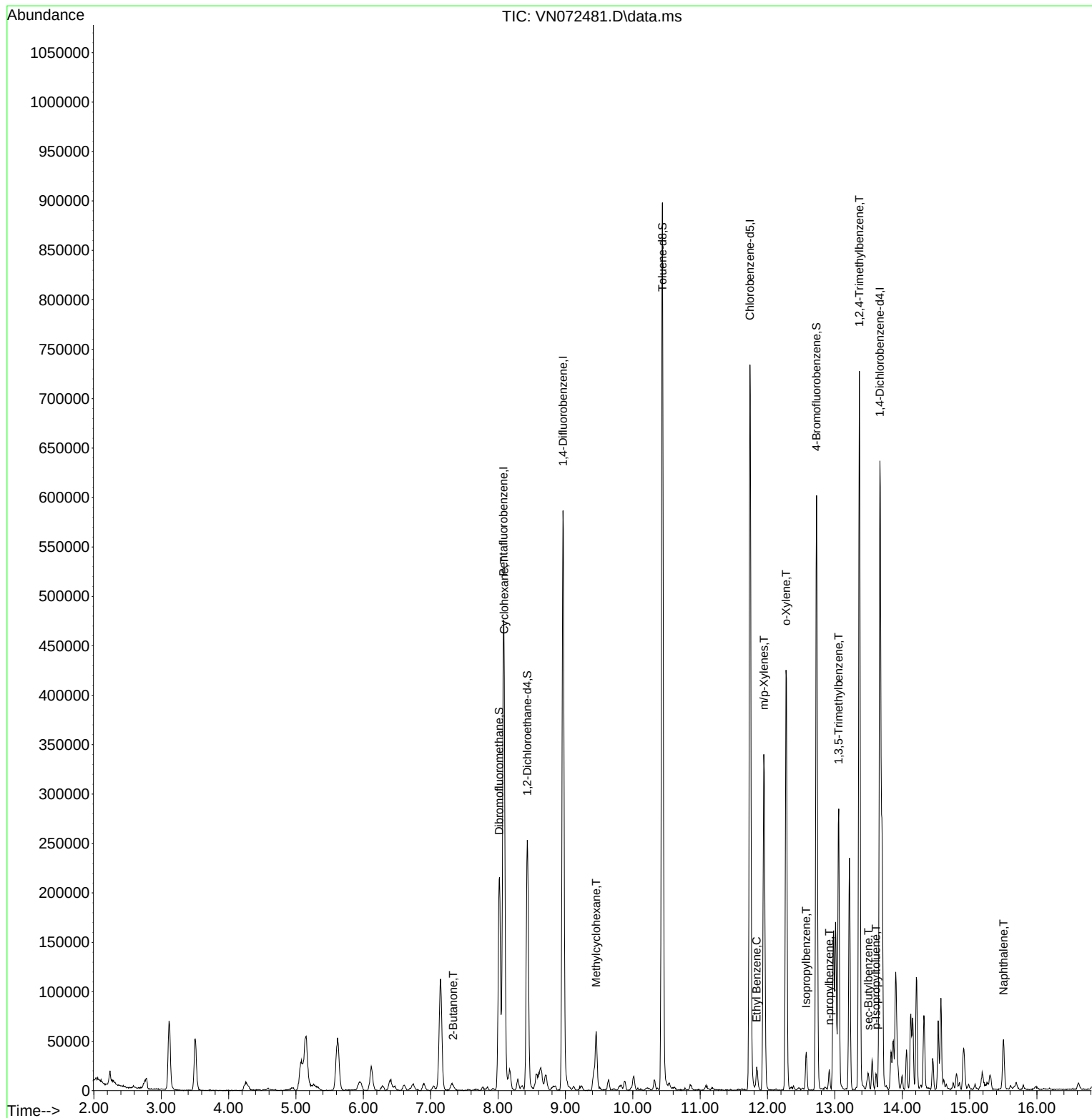
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
Data File : VN072481.D
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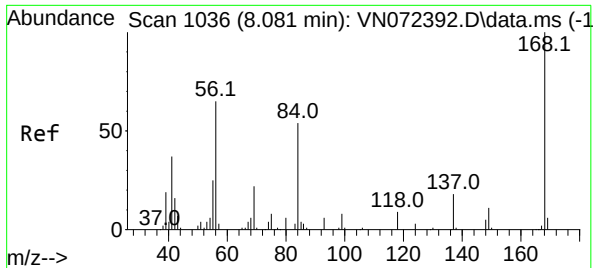
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Quant Time: May 14 02:36:34 2022
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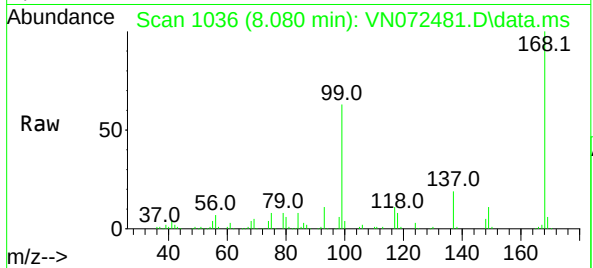
Reviewed By : Mahesh Dadoda 05/25/2022
Supervised By : Semsettin Yesilyurt 05/25/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

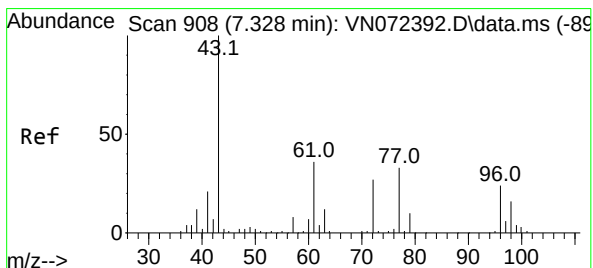
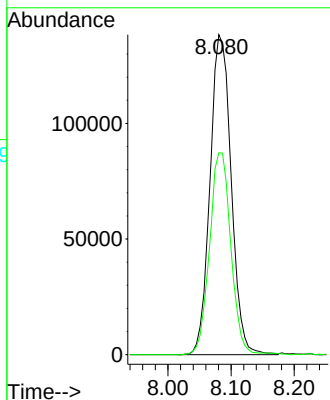
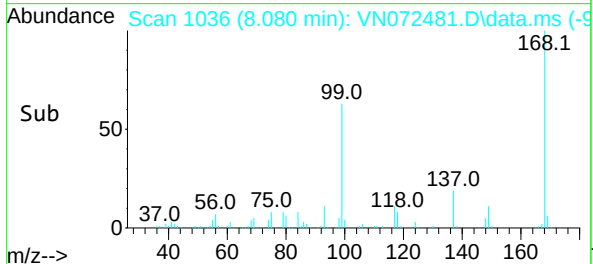
Instrument :
MSVOA_N
ClientSampleId :
DUP051122DL



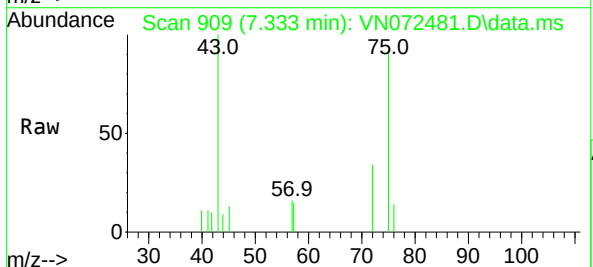
Tgt Ion:168 Resp: 322140
Ion Ratio Lower Upper
168 100
99 63.1 42.3 63.5

Manual Integrations
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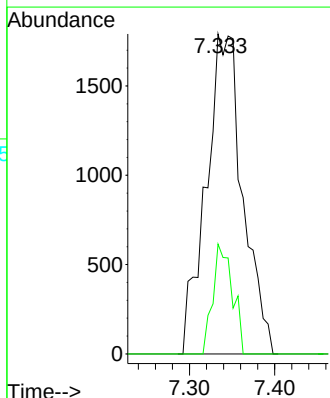
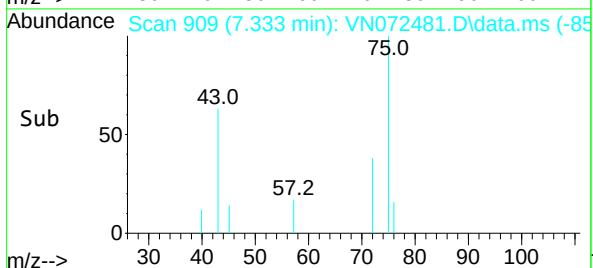
Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022

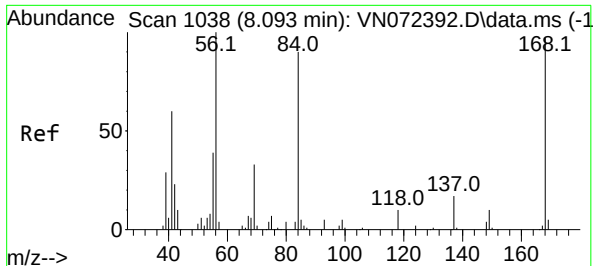


#25
2-Butanone
Concen: 1.740 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.005 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49



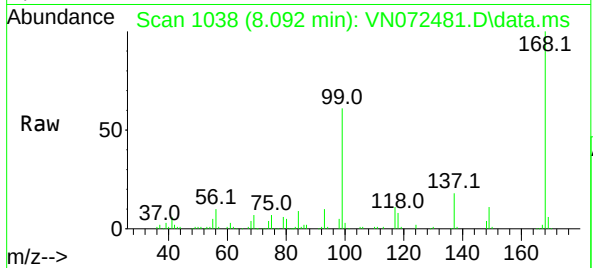
Tgt Ion: 43 Resp: 5366
Ion Ratio Lower Upper
43 100
72 34.3 23.7 35.5





#31
Cyclohexane
Concen: 5.191 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.001 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

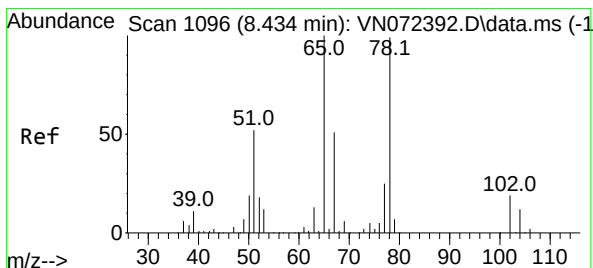
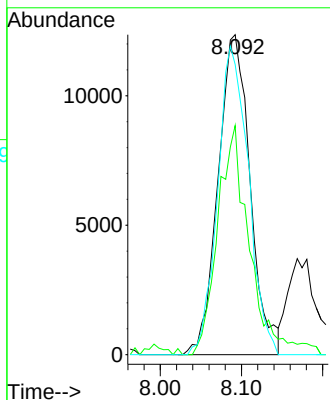
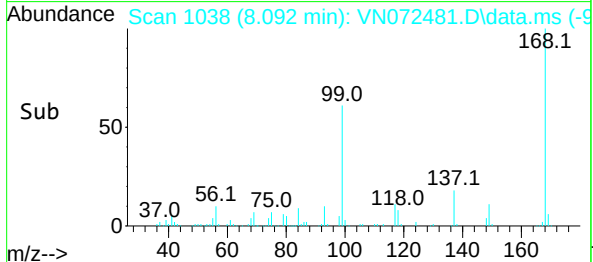
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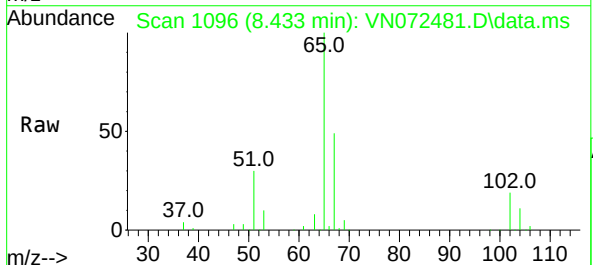
Tgt Ion: 56 Resp: 3393
Ion Ratio Lower Upper
56 100
69 69.7 27.8 41.8
84 90.7 76.9 115.3

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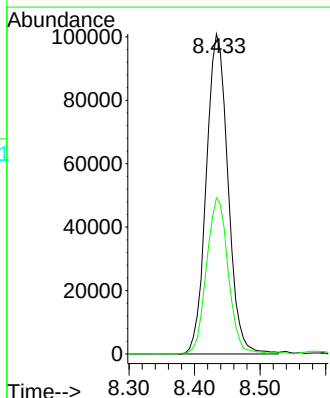
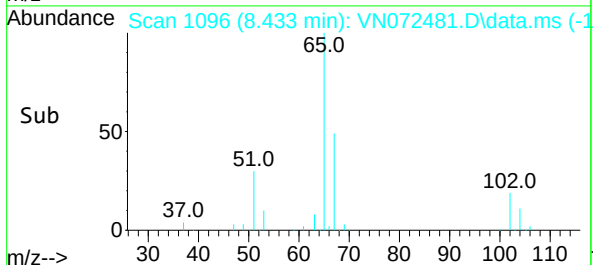
Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022

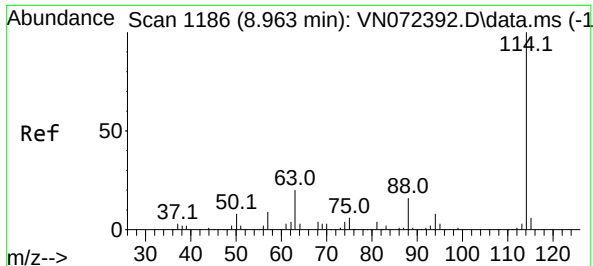


#33
1,2-Dichloroethane-d4
Concen: 47.069 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49



Tgt Ion: 65 Resp: 232247
Ion Ratio Lower Upper
65 100
67 48.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072481.D

Acq: 13 May 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

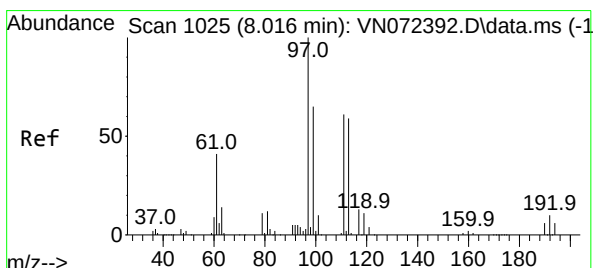
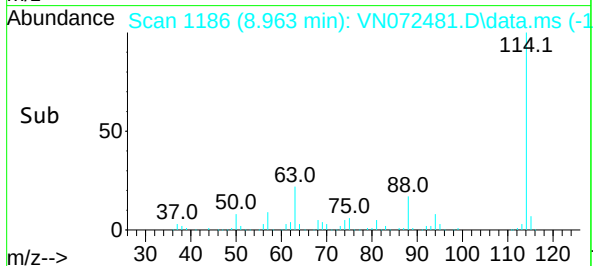
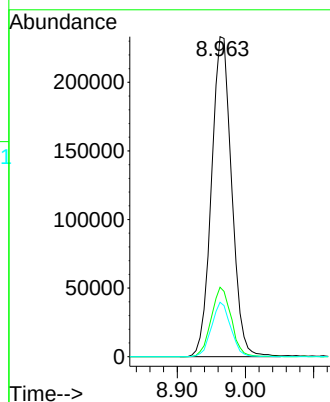
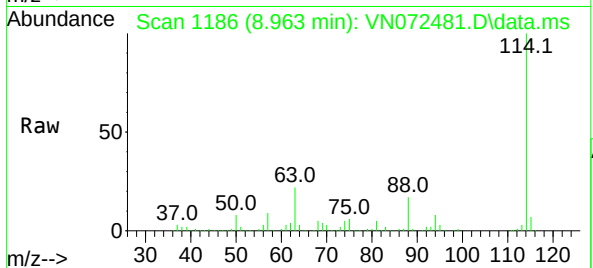
DUP051122DL

Tgt Ion:114	Resp: 48050
Ion Ratio	Lower Upper
114 100	
63 21.7	0.0 40.0
88 17.0	0.0 32.6

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#35

Dibromofluoromethane

Concen: 49.514 ug/l

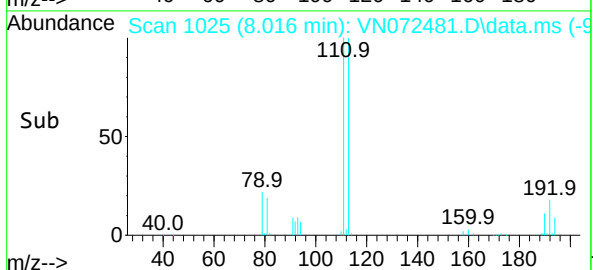
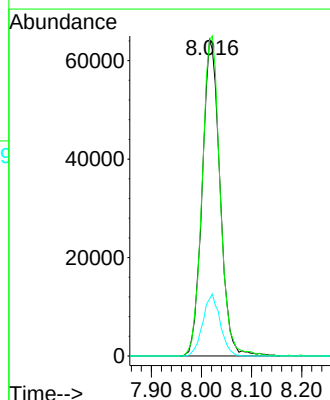
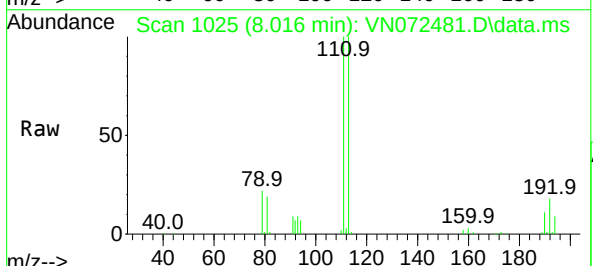
RT: 8.016 min Scan# 1025

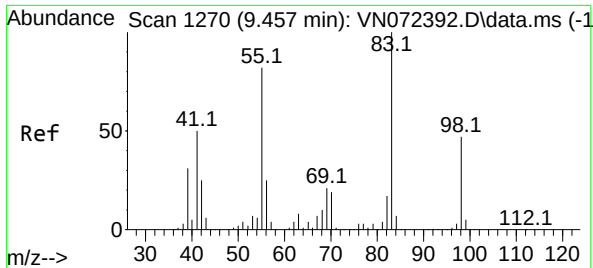
Delta R.T. -0.000 min

Lab File: VN072481.D

Acq: 13 May 2022 16:49

Tgt Ion:113	Resp: 158286
Ion Ratio	Lower Upper
113 100	
111 102.0	81.4 122.0
192 19.1	17.0 25.6





#39

Methylcyclohexane

Concen: 4.393 ug/l

RT: 9.457 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN072481.D

Acq: 13 May 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

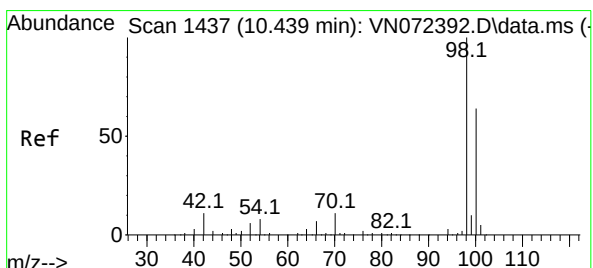
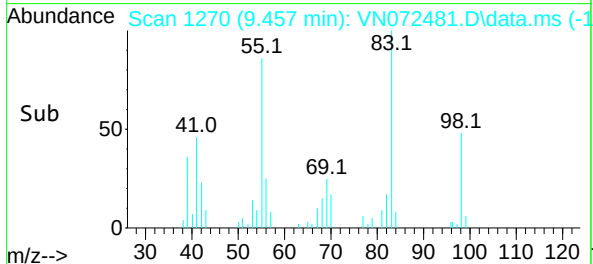
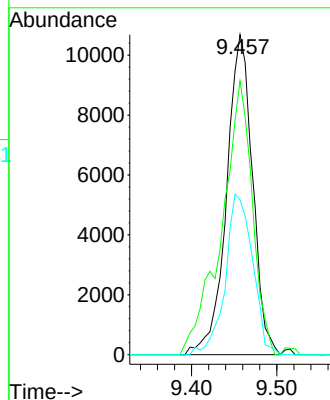
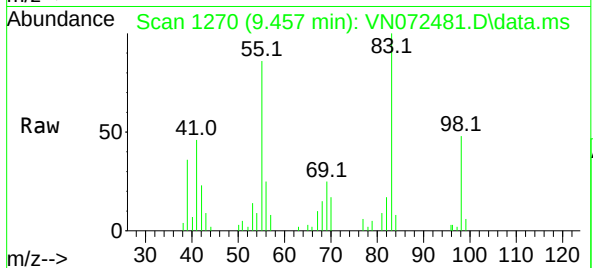
DUP051122DL

Tgt Ion: 83	Resp: 2266
Ion Ratio	Lower Upper
83 100	
55 85.6	57.8 86.8
98 48.4	39.4 59.2

Manual Integrations

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Supervised By :Semsettin Yesilyurt 05/25/2022



#50

Toluene-d8

Concen: 49.450 ug/l

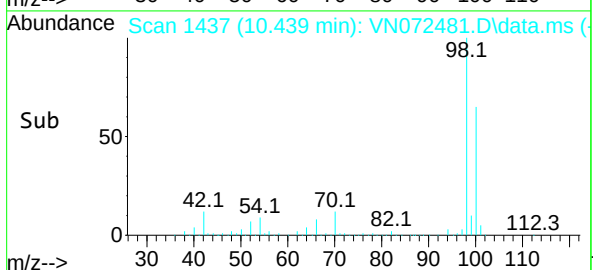
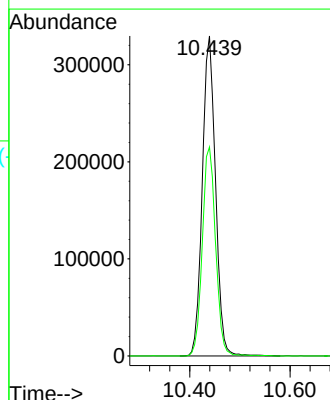
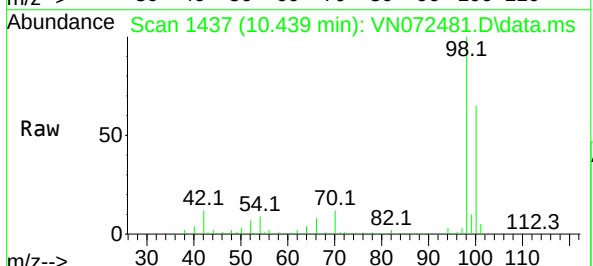
RT: 10.439 min Scan# 1437

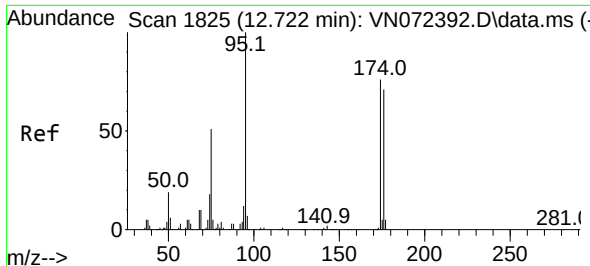
Delta R.T. 0.000 min

Lab File: VN072481.D

Acq: 13 May 2022 16:49

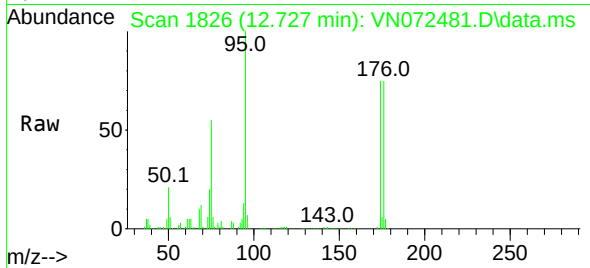
Tgt Ion: 98	Resp: 602050
Ion Ratio	Lower Upper
98 100	
100 66.0	52.6 78.8





#62
4-Bromofluorobenzene
Concen: 49.634 ug/l
RT: 12.727 min Scan# 1825
Delta R.T. 0.005 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

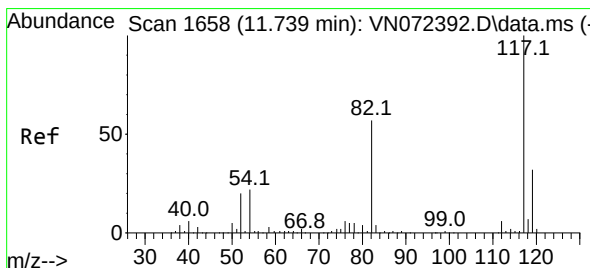
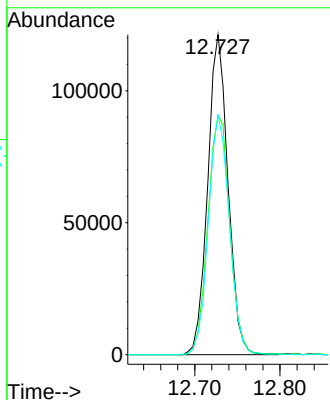
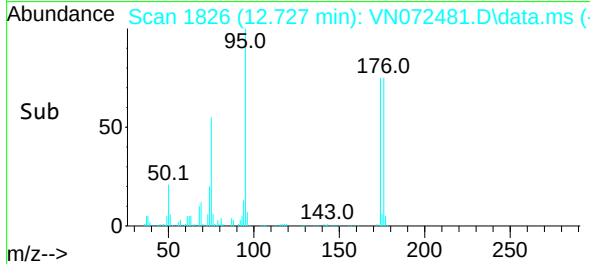
Instrument :
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ClientSampleId :
DUP051122DL



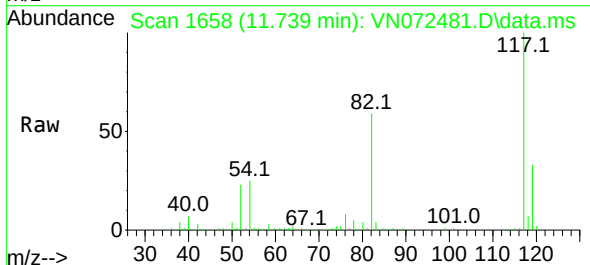
Tgt Ion: 95 Resp: 200688
Ion Ratio Lower Upper
95 100
174 80.4 0.0 167.6
176 77.7 0.0 163.4

Manual Integrations
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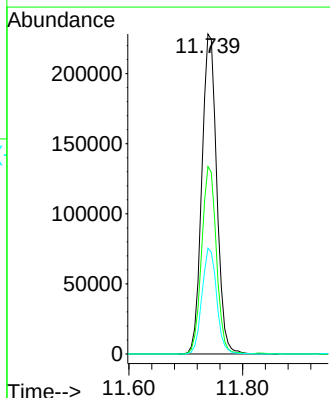
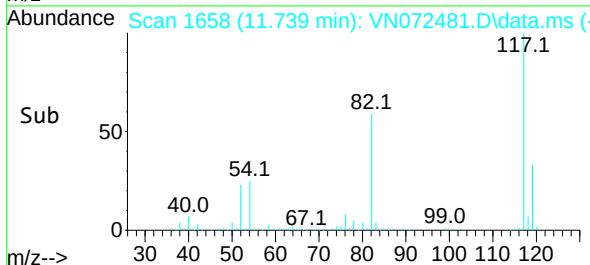
Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022

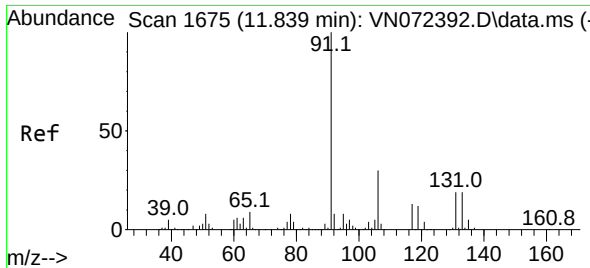


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49



Tgt Ion:117 Resp: 414798
Ion Ratio Lower Upper
117 100
82 58.5 44.2 66.2
119 33.0 25.4 38.0





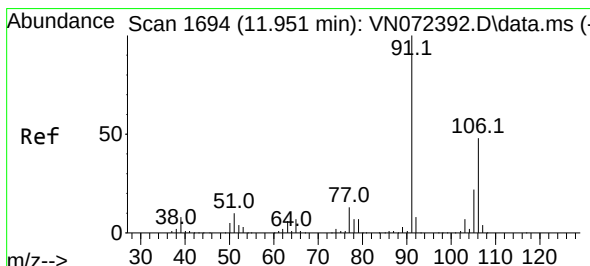
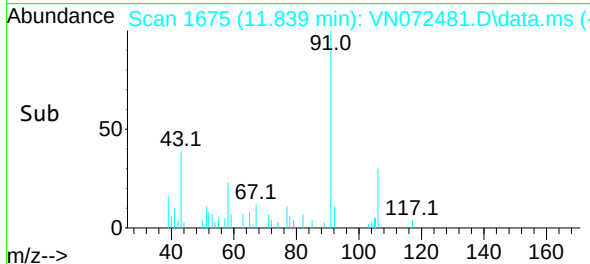
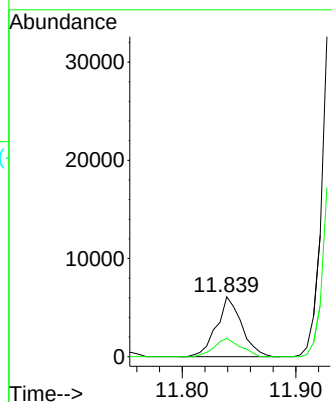
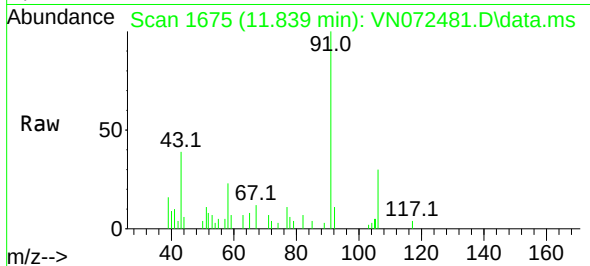
#67
Ethyl Benzene
Concen: 0.638 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 91 Resp: 9324
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3

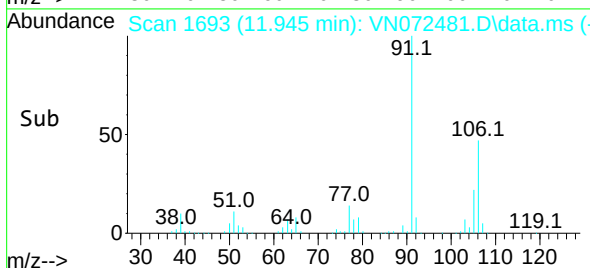
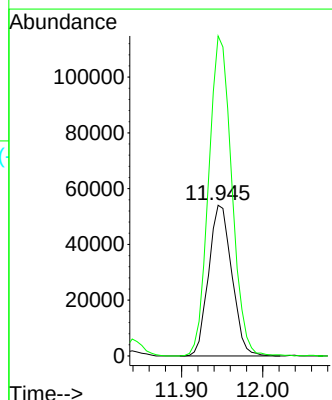
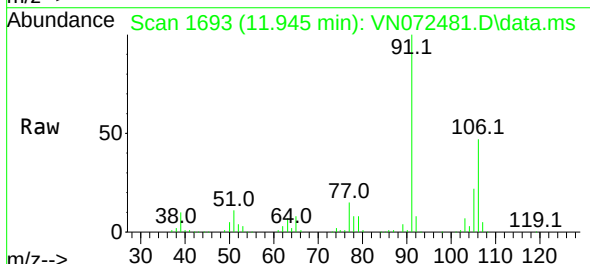
Manual Integrations
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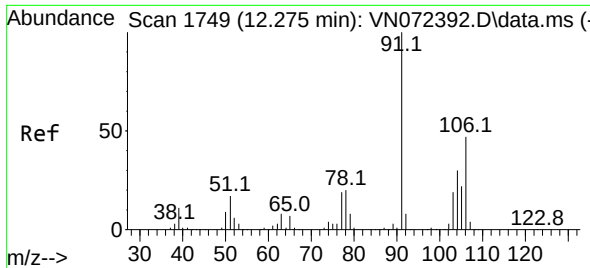
Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022



#68
m/p-Xylenes
Concen: 19.369 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

Tgt Ion:106 Resp: 107415
Ion Ratio Lower Upper
106 100
91 211.5 158.9 238.3





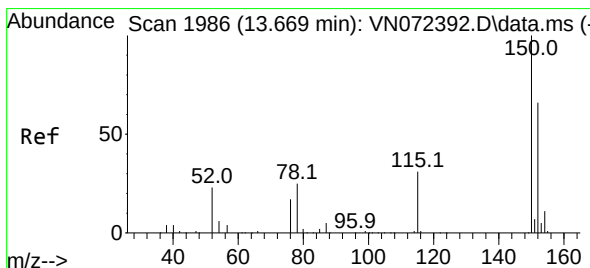
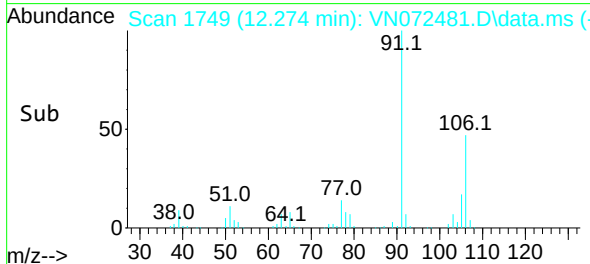
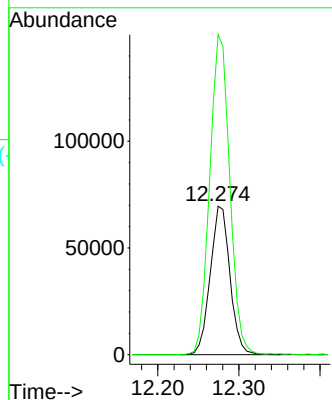
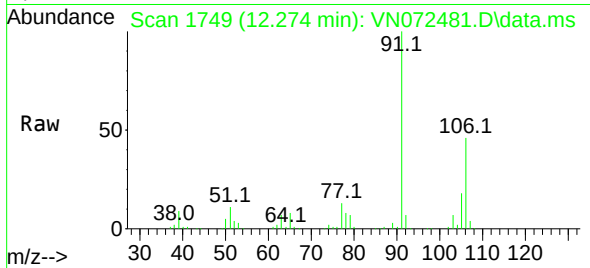
#69
o-Xylene
Concen: 21.529 ug/l
RT: 12.274 min Scan# 117309
Delta R.T. -0.001 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
DUP051122DL

Tgt Ion:106 Resp: 117309
Ion Ratio Lower Upper
106 100
91 219.2 106.0 318.0

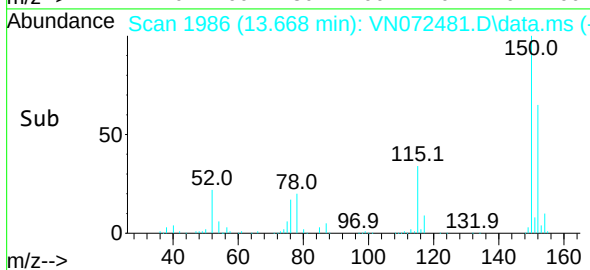
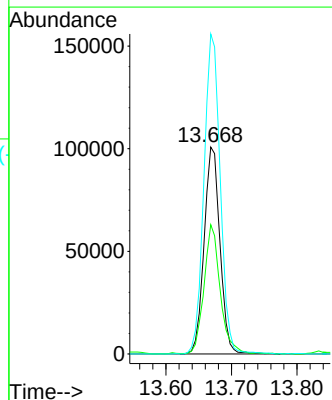
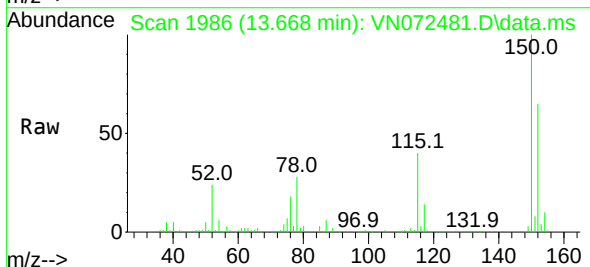
Manual Integrations
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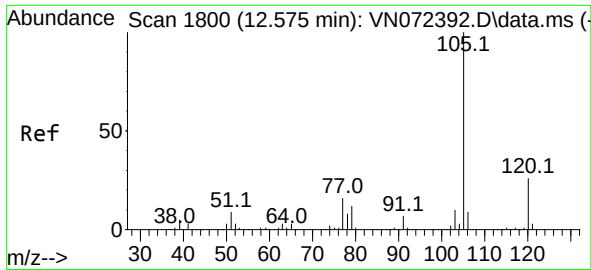
Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

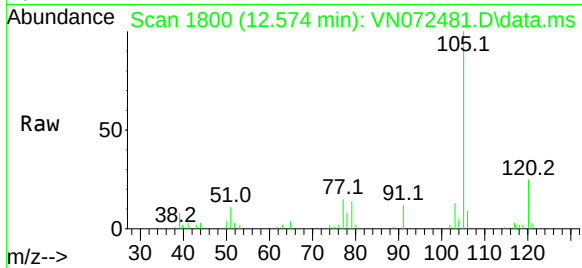
Tgt Ion:152 Resp: 169979
Ion Ratio Lower Upper
152 100
115 62.8 28.9 86.7
150 158.9 0.0 356.2





#73
Isopropylbenzene
Concen: 1.774 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

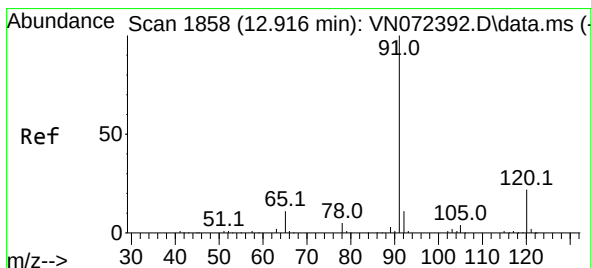
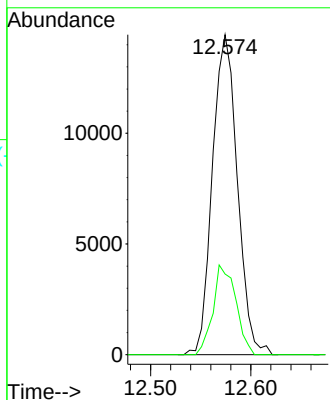
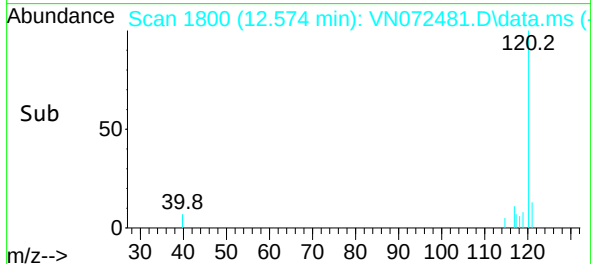
Instrument :
MSVOA_N
ClientSampleId :
DUP051122DL



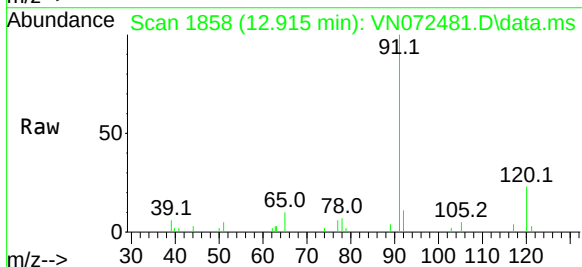
Tgt Ion:105 Resp: 2497
Ion Ratio Lower Upper
105 100
120 25.6 13.5 40.4

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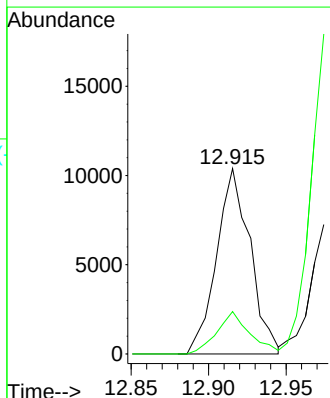
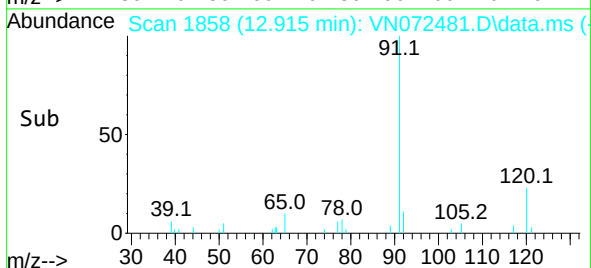
Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022

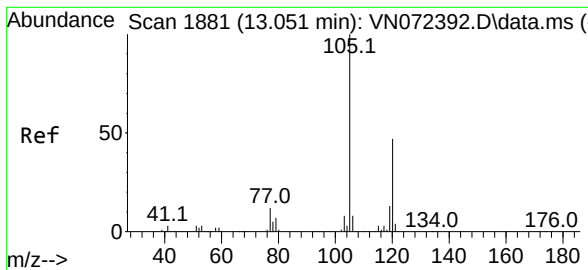


#78
n-propylbenzene
Concen: 1.036 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49



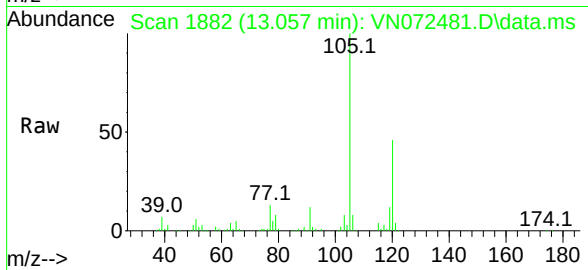
Tgt Ion: 91 Resp: 15610
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.5





#80
 1,3,5-Trimethylbenzene
 Concen: 13.322 ug/l
 RT: 13.057 min Scan# 1881
 Delta R.T. 0.006 min
 Lab File: VN072481.D
 Acq: 13 May 2022 16:49

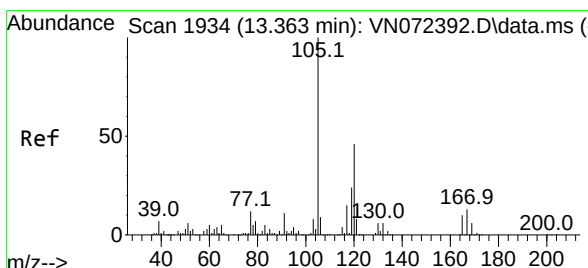
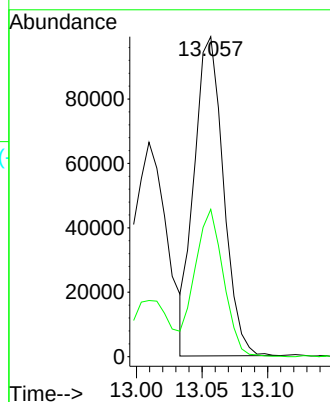
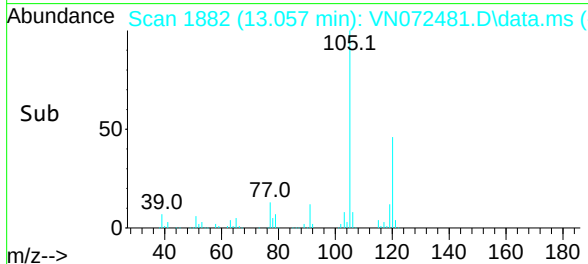
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP051122DL



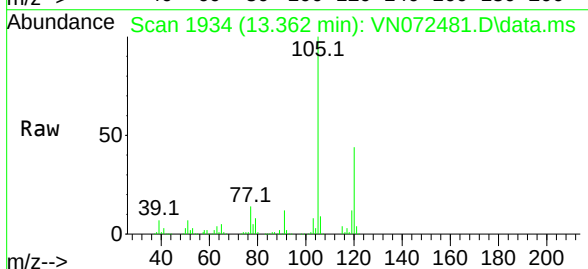
Tgt Ion:105 Resp: 15364
 Ion Ratio Lower Upper
 105 100
 120 45.3 24.9 74.7

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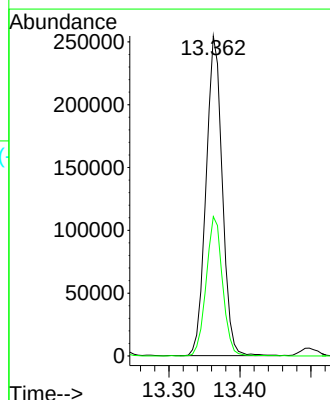
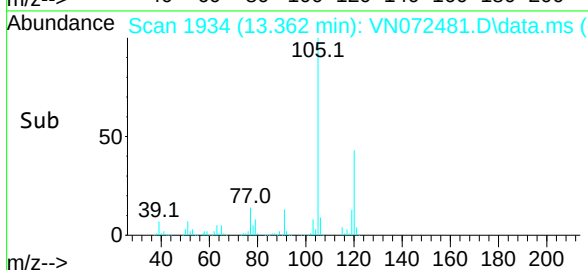
Reviewed By :Mahesh Dadoda 05/25/2022
 Supervised By :Semsettin Yesilyurt 05/25/2022

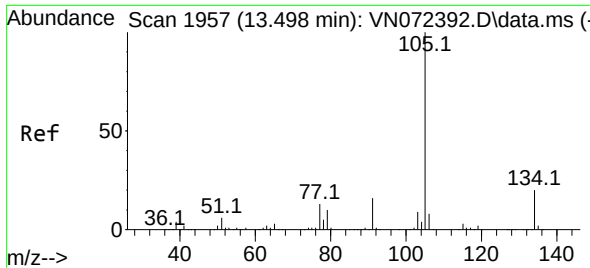


#84
 1,2,4-Trimethylbenzene
 Concen: 36.072 ug/l
 RT: 13.362 min Scan# 1934
 Delta R.T. -0.001 min
 Lab File: VN072481.D
 Acq: 13 May 2022 16:49



Tgt Ion:105 Resp: 404687
 Ion Ratio Lower Upper
 105 100
 120 44.0 23.3 69.8





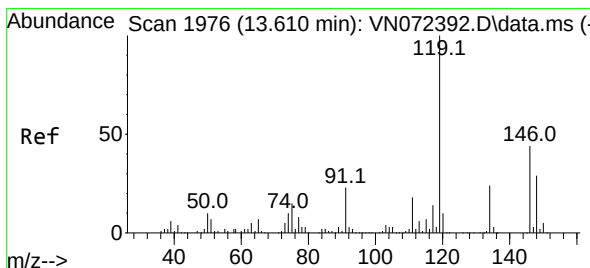
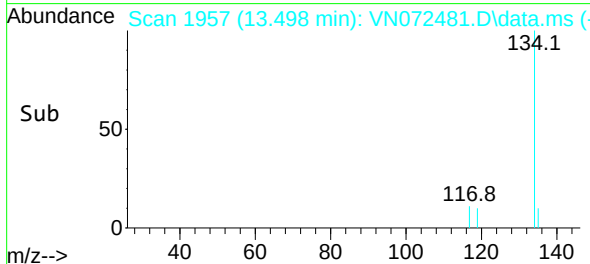
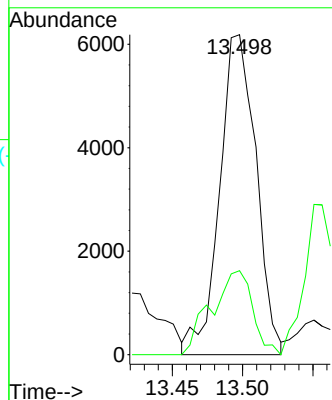
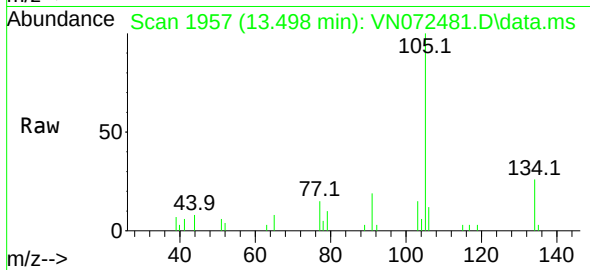
#85
 sec-Butylbenzene
 Concen: 0.827 ug/l m
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072481.D
 Acq: 13 May 2022 16:49

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP051122DL

Tgt Ion:105 Resp: 1113
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1

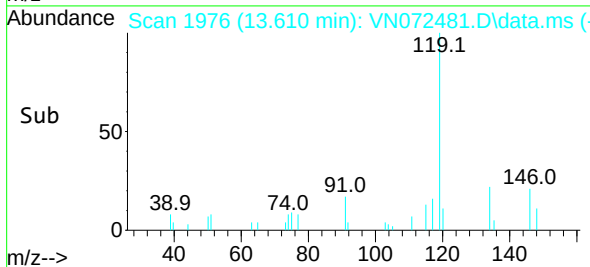
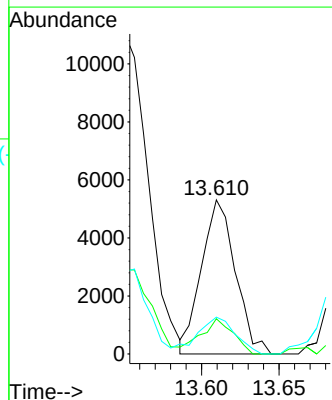
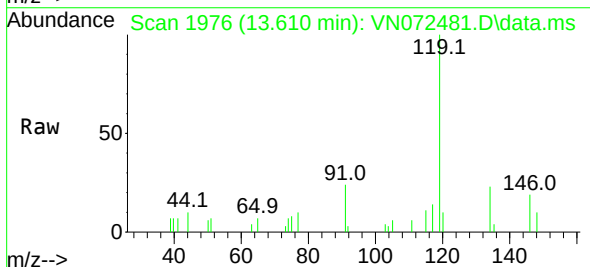
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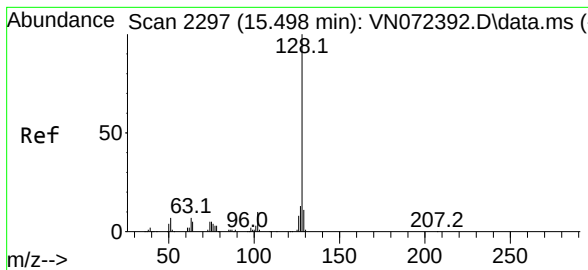
Reviewed By :Mahesh Dadoda 05/25/2022
 Supervised By :Semsettin Yesilyurt 05/25/2022



#86
 p-Isopropyltoluene
 Concen: 0.770 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072481.D
 Acq: 13 May 2022 16:49

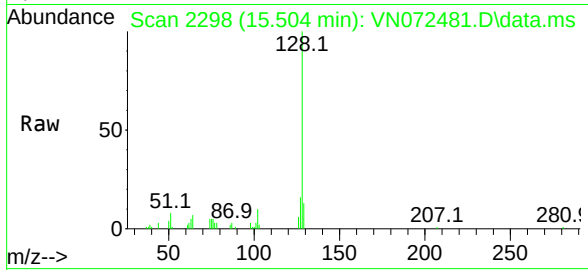
Tgt Ion:119 Resp: 8076
 Ion Ratio Lower Upper
 119 100
 134 21.6 13.3 39.8
 91 26.6 11.3 33.9





#95
Naphthalene
Concen: 8.823 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072481.D
Acq: 13 May 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
DUP051122DL



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	11.0	8.6	13.0

Manual Integrations
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Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022

