

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
 Data File : VN072212.D
 Acq On : 27 Apr 2022 13:41
 Operator : JC\MD
 Sample : N2522-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-1766

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/28/2022
 Supervised By :Semsettin Yesilyurt 04/28/2022

Quant Time: Apr 28 06:03:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	295388	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	556516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	608823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	254450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	225729	49.776	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.560%		
35) Dibromofluoromethane	8.016	113	171636	48.185	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.380%		
50) Toluene-d8	10.433	98	726135	51.880	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.760%		
62) 4-Bromofluorobenzene	12.727	95	303230	65.271	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	130.540%		
Target Compounds						Qvalue
16) Acetone	4.281	43	125509	64.194	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	8919	0.807	ug/l	# 76
25) 2-Butanone	7.328	43	50650	16.267	ug/l	# 85
37) Ethyl Acetate	7.416	43	13512	1.962	ug/l	# 92
40) Benzene	8.457	78	105700	6.573	ug/l	97
51) 4-Methyl-2-Pentanone	10.327	43	71407	10.991	ug/l	92
52) Toluene	10.504	92	343176	35.695	ug/l	99
59) 2-Hexanone	11.080	43	6220m	1.359	ug/l	
67) Ethyl Benzene	11.839	91	10713	0.499	ug/l	94
68) m/p-Xylenes	11.945	106	77354	9.710	ug/l	91
69) o-Xylene	12.274	106	89115	11.539	ug/l	91
80) 1,3,5-Trimethylbenzene	13.051	105	66900	3.575	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	144001	7.952	ug/l	95
85) sec-Butylbenzene	13.498	105	15011	0.701	ug/l	95
86) p-Isopropyltoluene	13.610	119	13504	0.809	ug/l	98
95) Naphthalene	15.498	128	55381	8.140	ug/l	98

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

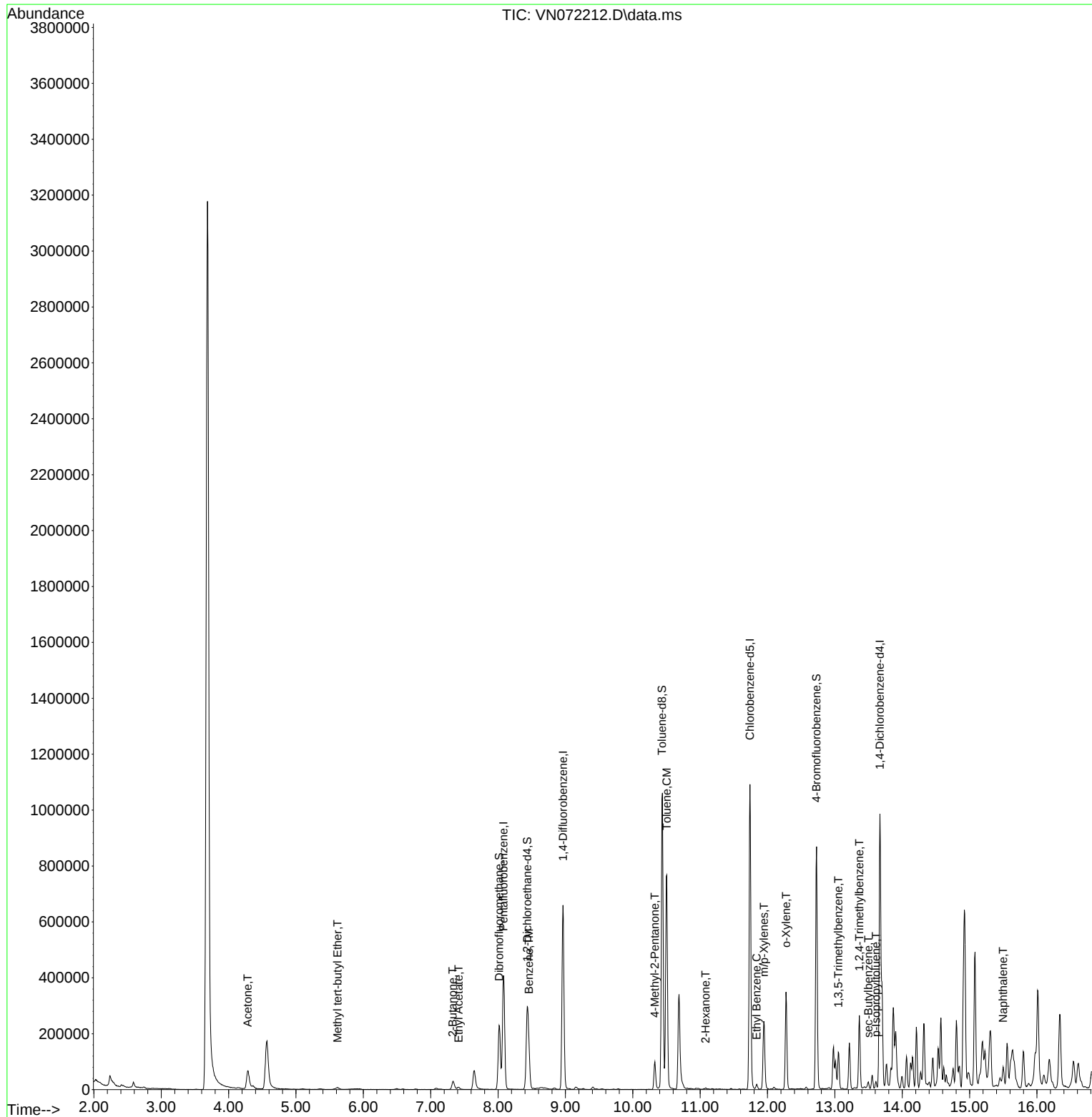
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
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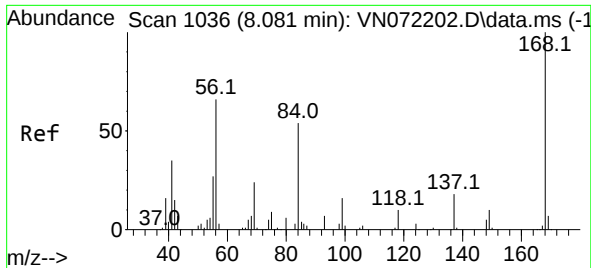
Instrument :
MSVOA_N
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NWB-1766

Quant Time: Apr 28 06:03:09 2022
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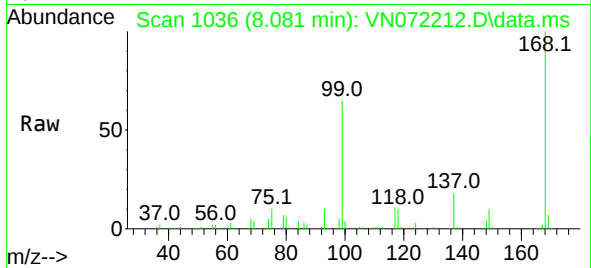
Reviewed By :Mahesh Dadoda 04/28/2022
Supervised By :Semsettin Yesilyurt 04/28/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072212.D
Acq: 27 Apr 2022 13:41

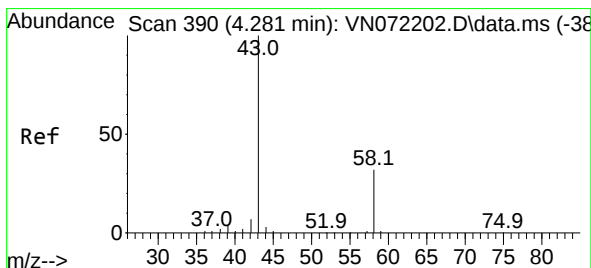
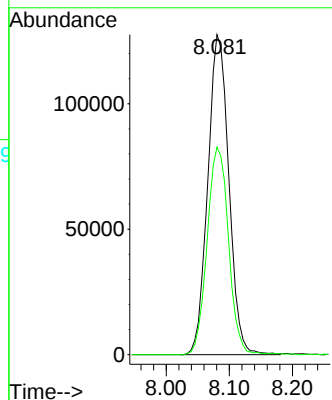
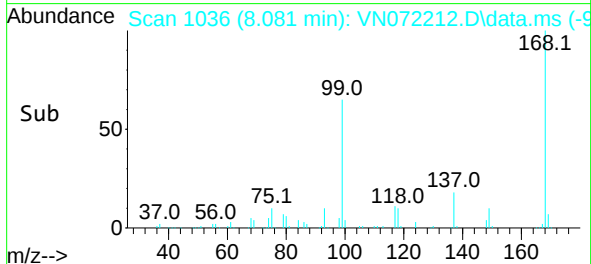
Instrument :
MSVOA_N
ClientSampleId :
NWB-1766



Tgt Ion:168 Resp: 29538
Ion Ratio Lower Upper
168 100
99 64.9 42.3 63.5

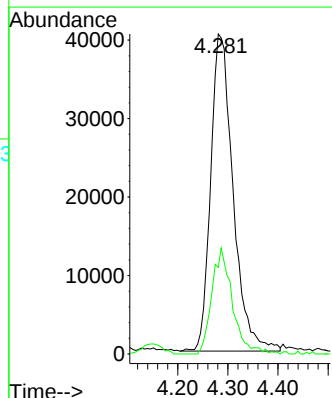
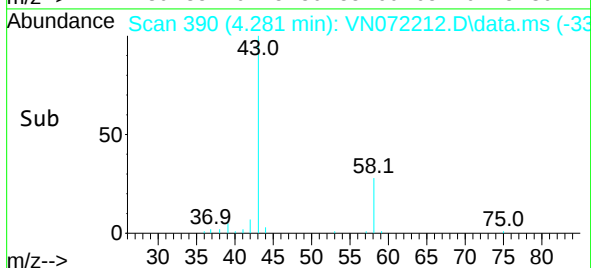
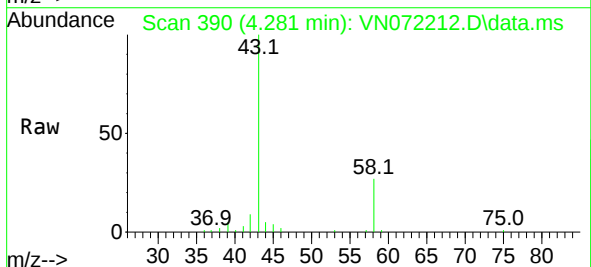
Manual Integrations
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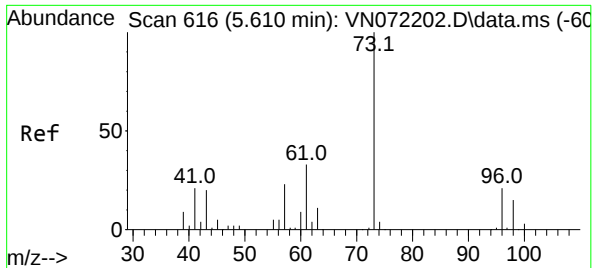
Reviewed By :Mahesh Dadoda 04/28/2022
Supervised By :Semsettin Yesilyurt 04/28/2022



#16
Acetone
Concen: 64.194 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072212.D
Acq: 27 Apr 2022 13:41

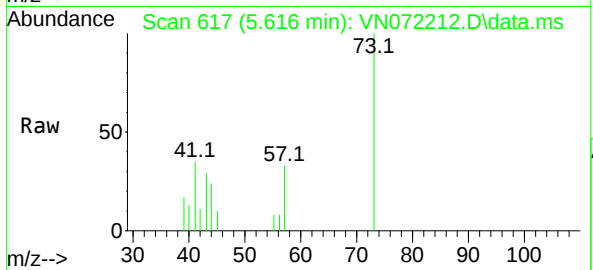
Tgt Ion: 43 Resp: 125509
Ion Ratio Lower Upper
43 100
58 27.3 26.0 39.0





#19
Methyl tert-butyl Ether
Concen: 0.807 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072212.D
Acq: 27 Apr 2022 13:41

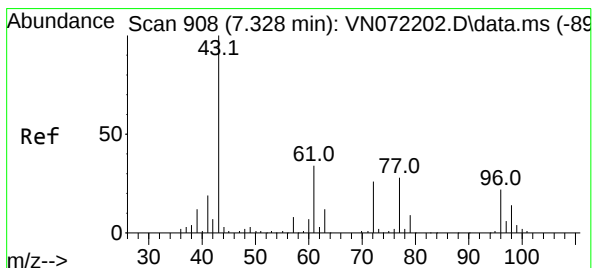
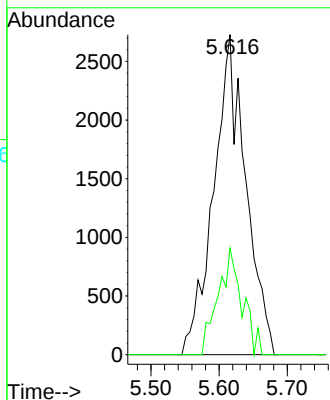
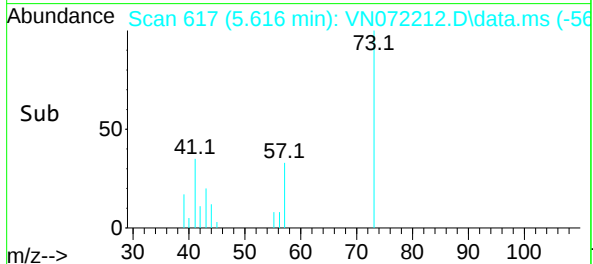
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ClientSampleId :
NWB-1766



Tgt Ion: 73 Resp: 8919
Ion Ratio Lower Upper
73 100
57 33.3 17.6 26.4

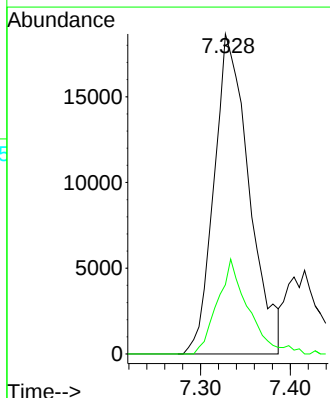
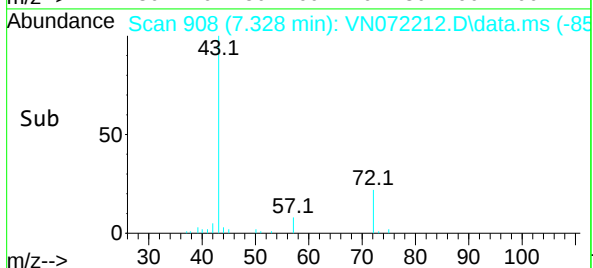
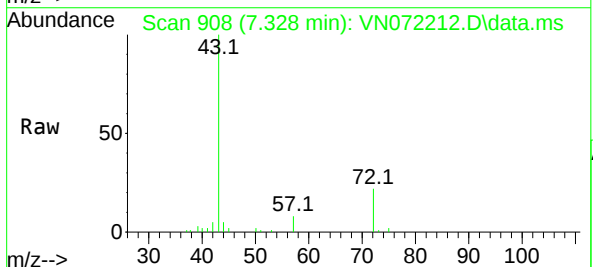
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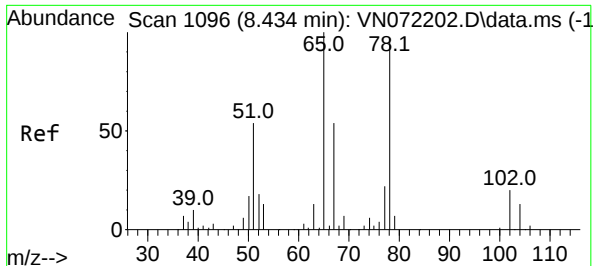
Reviewed By :Mahesh Dadoda 04/28/2022
Supervised By :Semsettin Yesilyurt 04/28/2022



#25
2-Butanone
Concen: 16.267 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072212.D
Acq: 27 Apr 2022 13:41

Tgt Ion: 43 Resp: 50650
Ion Ratio Lower Upper
43 100
72 21.7 23.7 35.5





#33

1,2-Dichloroethane-d4

Concen: 49.776 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072212.D

Acq: 27 Apr 2022 13:41

Instrument :

MSVOA_N

ClientSampleId :

NWB-1766

Tgt Ion: 65 Resp: 225729

Ion Ratio Lower Upper

65 100

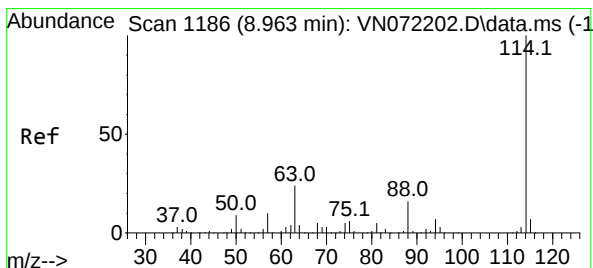
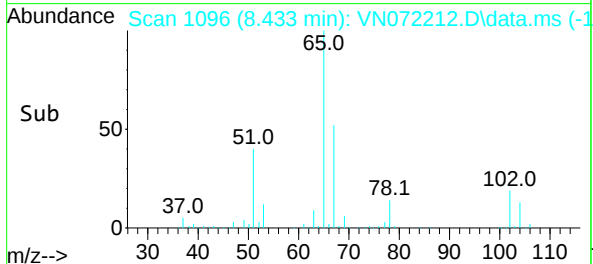
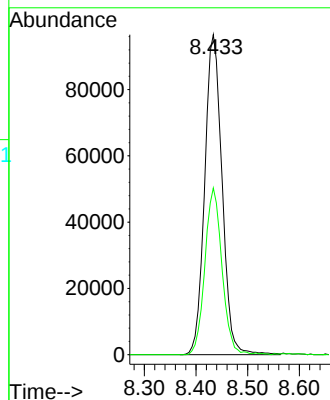
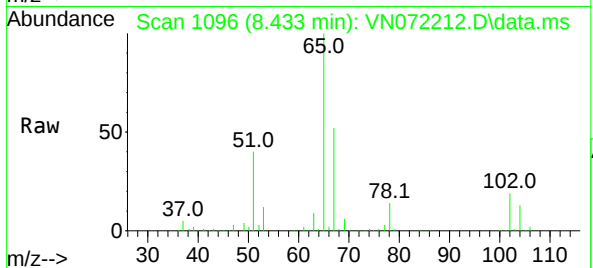
67 51.0 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072212.D

Acq: 27 Apr 2022 13:41

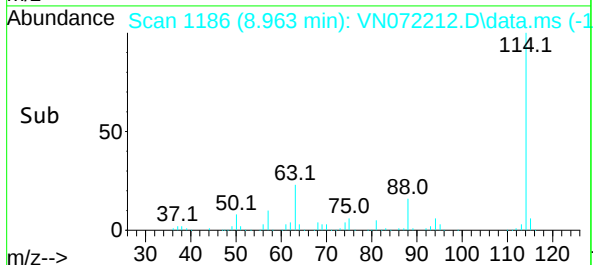
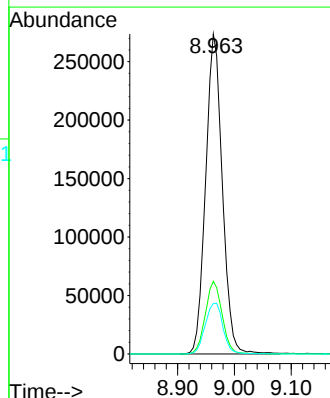
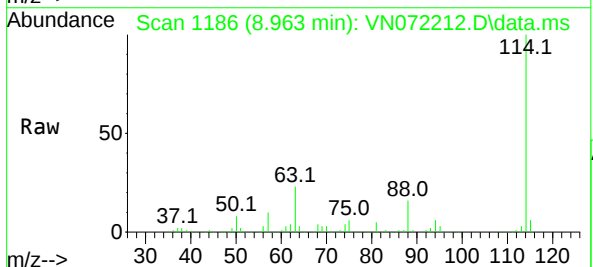
Tgt Ion:114 Resp: 556516

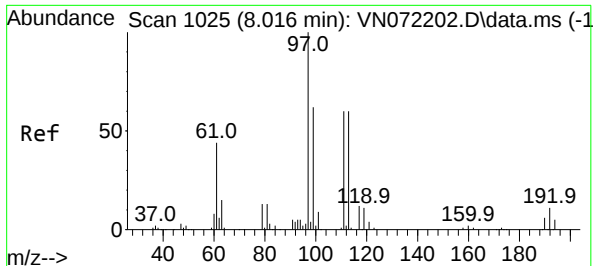
Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.0

88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.185 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072212.D

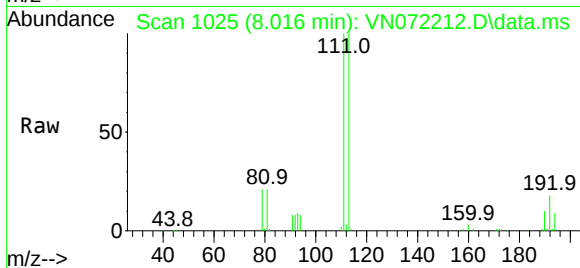
Acq: 27 Apr 2022 13:41

Instrument :

MSVOA_N

ClientSampleId :

NWB-1766

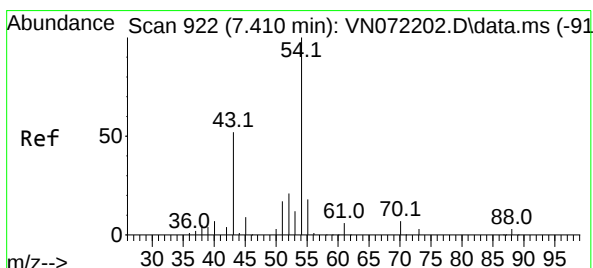
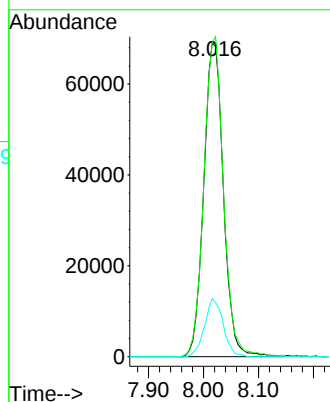
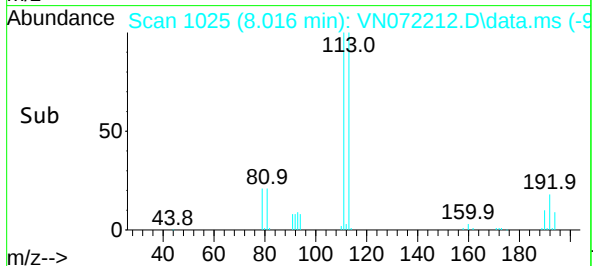


Tgt Ion:	113	Resp:	171630
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.4	122.0
192	17.6	17.0	25.6

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#37

Ethyl Acetate

Concen: 1.962 ug/l

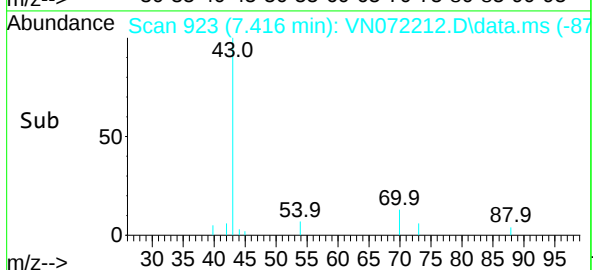
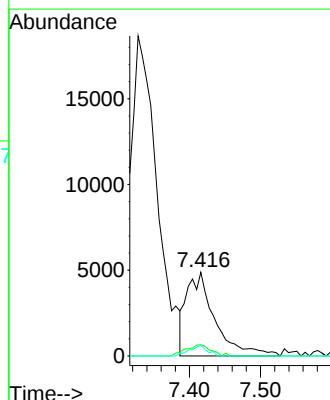
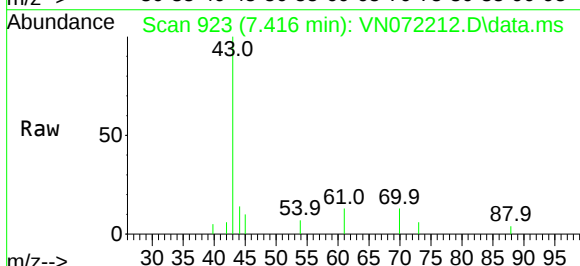
RT: 7.416 min Scan# 923

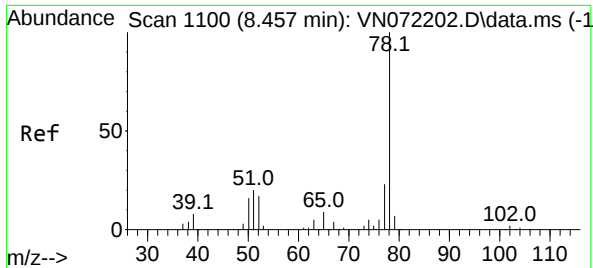
Delta R.T. 0.006 min

Lab File: VN072212.D

Acq: 27 Apr 2022 13:41

Tgt Ion:	43	Resp:	13512
Ion	Ratio	Lower	Upper
43	100		
61	11.8	11.8	17.6
70	7.8	9.3	13.9#





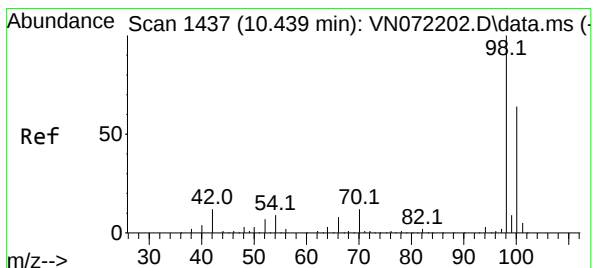
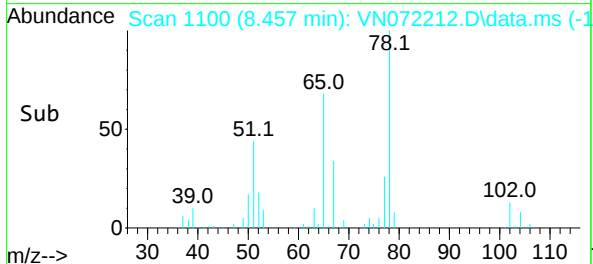
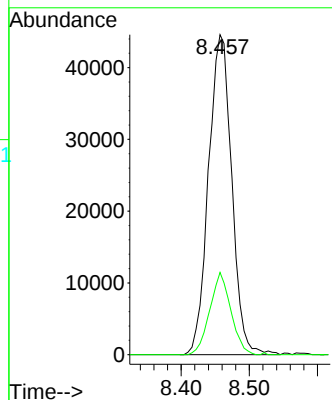
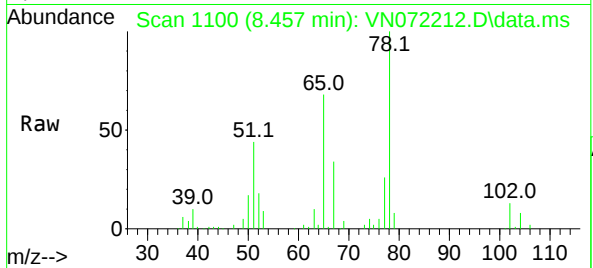
#40
Benzene
Concen: 6.573 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072212.D
Acq: 27 Apr 2022 13:41

Instrument :
MSVOA_N
ClientSampleId :
NWB-1766

Tgt Ion: 78 Resp: 105700
Ion Ratio Lower Upper
78 100
77 25.7 19.4 29.0

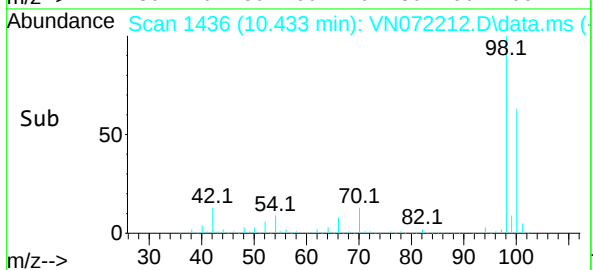
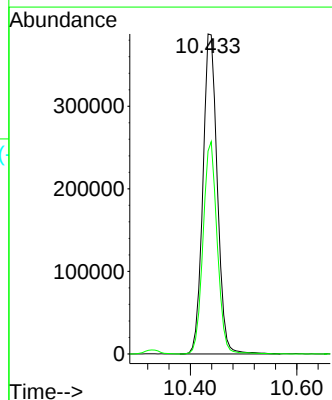
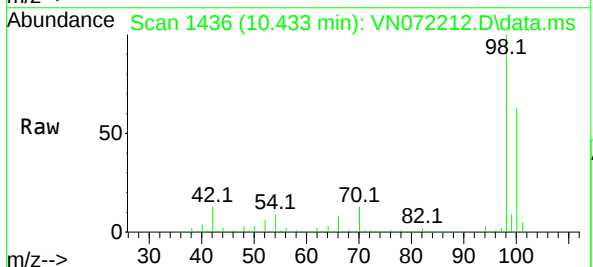
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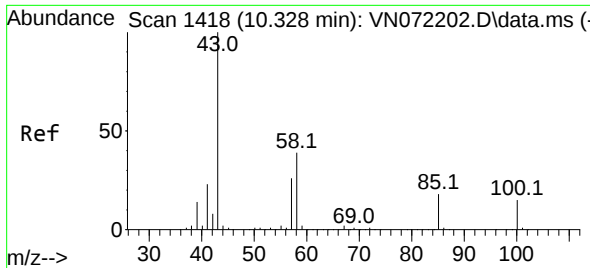
Reviewed By :Mahesh Dadoda 04/28/2022
Supervised By :Semsettin Yesilyurt 04/28/2022



#50
Toluene-d8
Concen: 51.880 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN072212.D
Acq: 27 Apr 2022 13:41

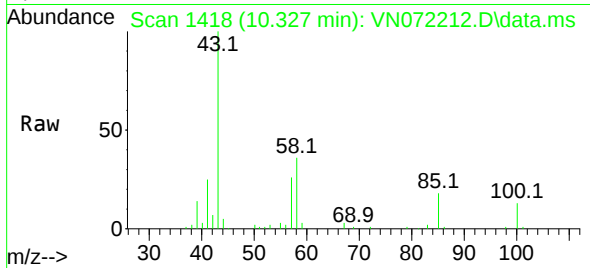
Tgt Ion: 98 Resp: 726135
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 10.991 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072212.D
Acq: 27 Apr 2022 13:41

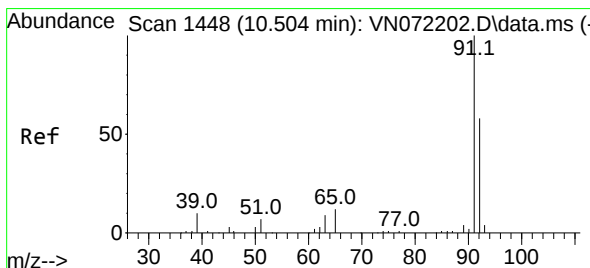
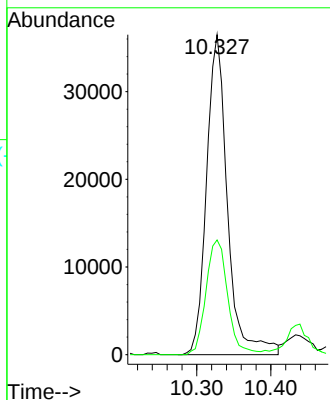
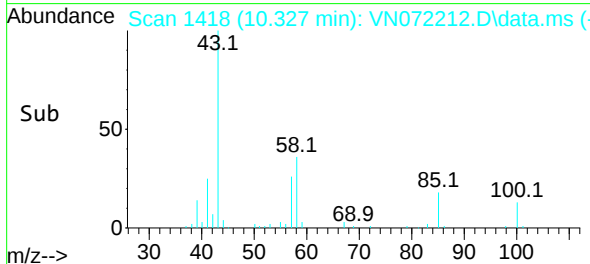
Instrument :
MSVOA_N
ClientSampleId :
NWB-1766



Tgt Ion: 43 Resp: 7140
Ion Ratio Lower Upper
43 100
58 37.2 34.1 51.1

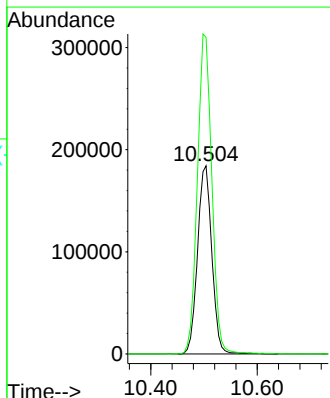
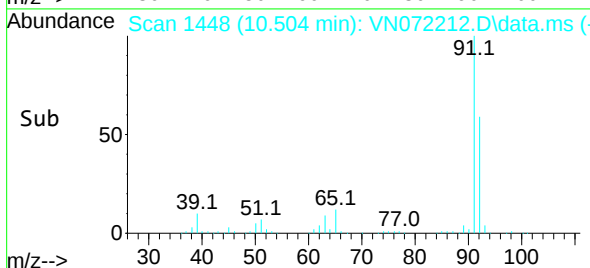
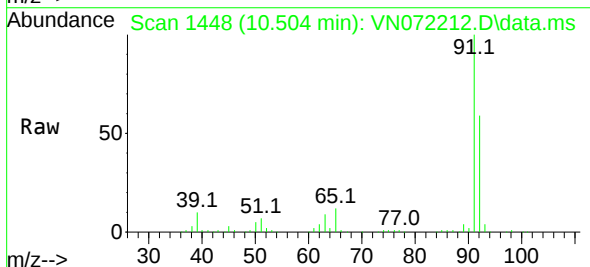
Manual Integrations
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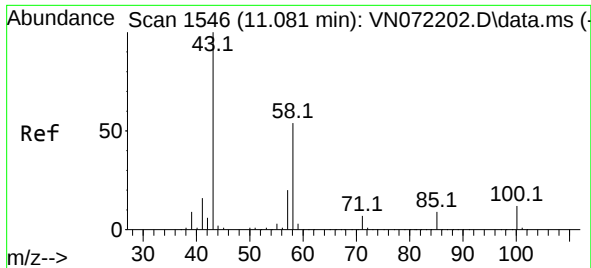
Reviewed By :Mahesh Dadoda 04/28/2022
Supervised By :Semsettin Yesilyurt 04/28/2022



#52
Toluene
Concen: 35.695 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072212.D
Acq: 27 Apr 2022 13:41

Tgt Ion: 92 Resp: 343176
Ion Ratio Lower Upper
92 100
91 172.3 138.6 207.8





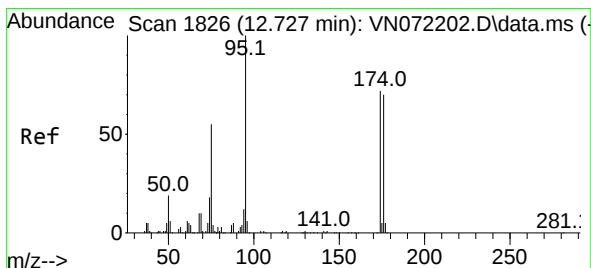
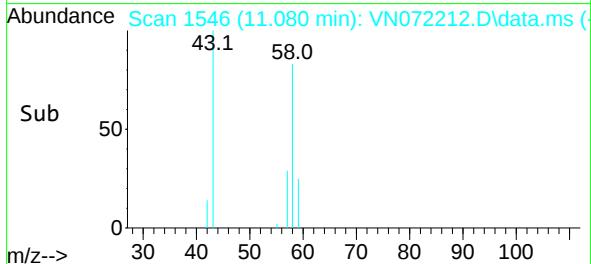
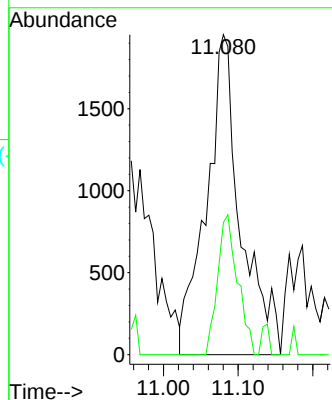
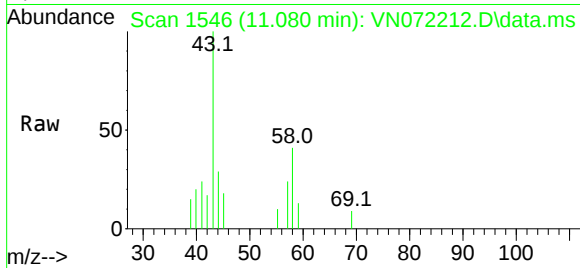
#59
2-Hexanone
Concen: 1.359 ug/l m
RT: 11.080 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072212.D
Acq: 27 Apr 2022 13:41

Instrument :
MSVOA_N
ClientSampleId :
NWB-1766

Tgt Ion: 43 Resp: 6220
Ion Ratio Lower Upper
43 100
58 12.4 29.7 89.1

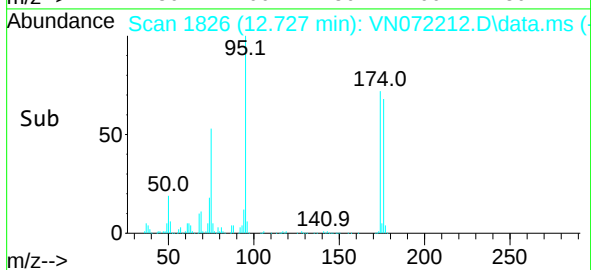
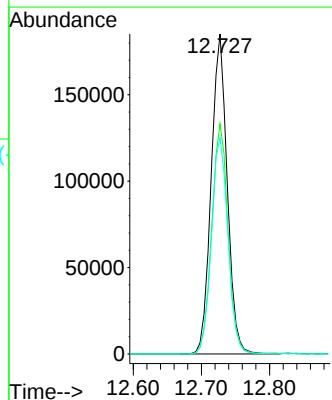
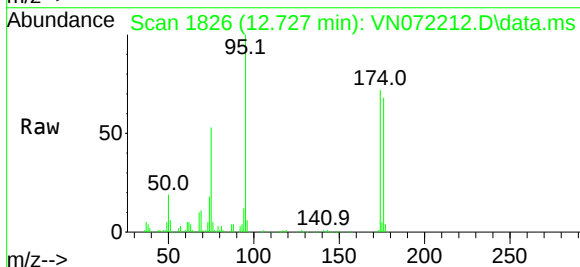
Manual Integrations
APPROVED

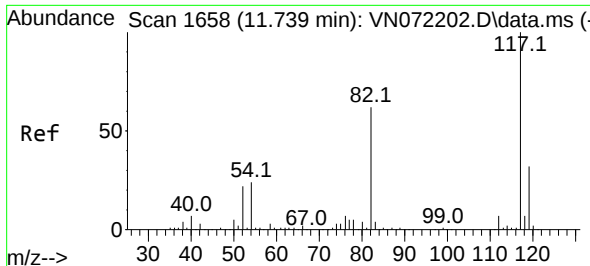
Reviewed By :Mahesh Dadoda 04/28/2022
Supervised By :Semsettin Yesilyurt 04/28/2022



#62
4-Bromofluorobenzene
Concen: 65.271 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072212.D
Acq: 27 Apr 2022 13:41

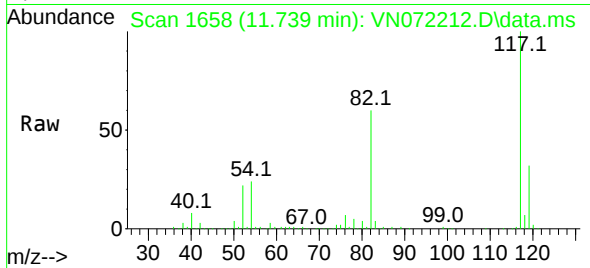
Tgt Ion: 95 Resp: 303230
Ion Ratio Lower Upper
95 100
174 73.1 0.0 167.6
176 69.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072212.D
Acq: 27 Apr 2022 13:41

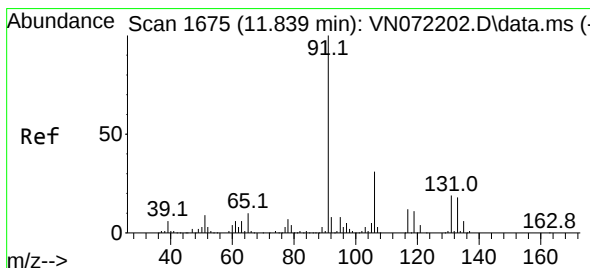
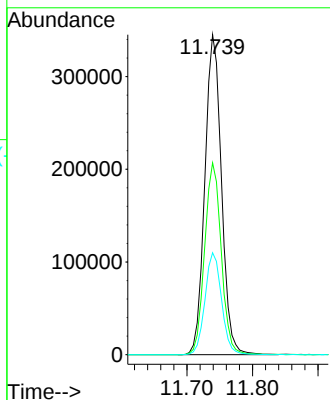
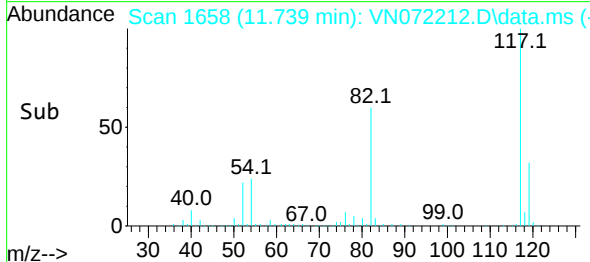
Instrument :
MSVOA_N
ClientSampleId :
NWB-1766



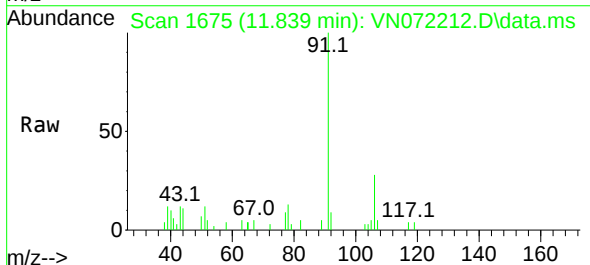
Tgt Ion:117 Resp: 60882
Ion Ratio Lower Upper
117 100
82 60.0 44.2 66.2
119 31.9 25.4 38.0

Manual Integrations
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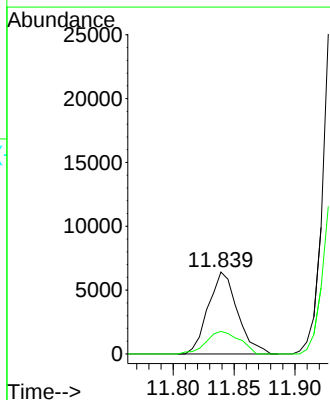
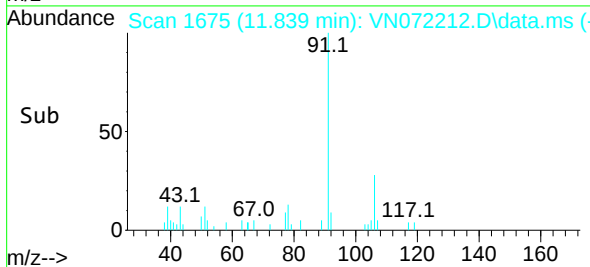
Reviewed By :Mahesh Dadoda 04/28/2022
Supervised By :Semsettin Yesilyurt 04/28/2022

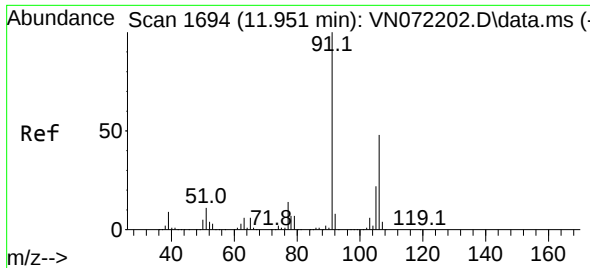


#67
Ethyl Benzene
Concen: 0.499 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072212.D
Acq: 27 Apr 2022 13:41



Tgt Ion: 91 Resp: 10713
Ion Ratio Lower Upper
91 100
106 27.5 24.9 37.3





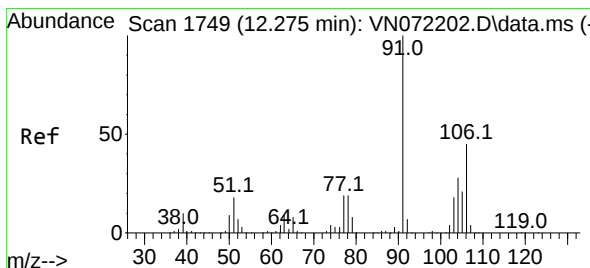
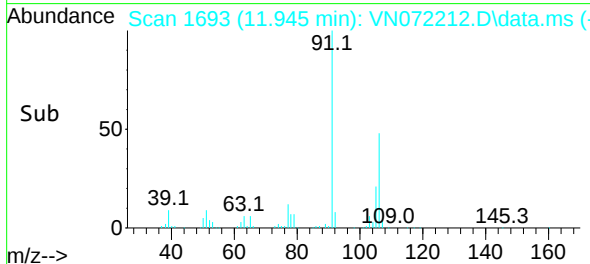
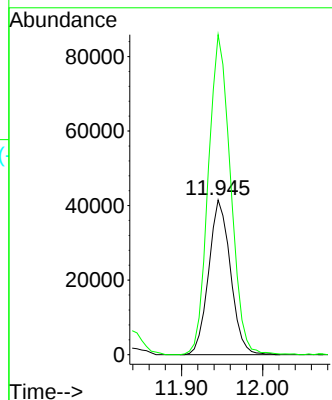
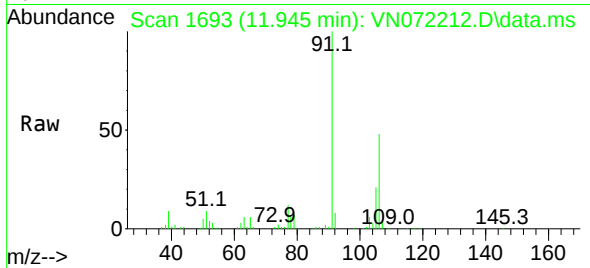
#68
m/p-Xylenes
Concen: 9.710 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072212.D
Acq: 27 Apr 2022 13:41

Instrument :
MSVOA_N
ClientSampleId :
NWB-1766

Tgt Ion:106 Resp: 77354
Ion Ratio Lower Upper
106 100
91 211.6 158.9 238.3

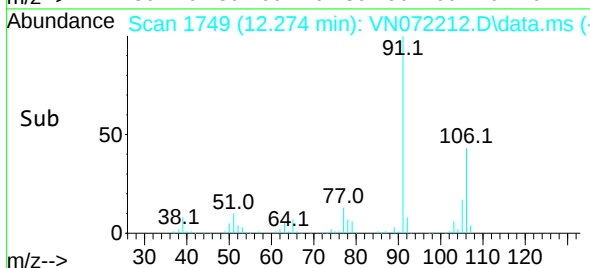
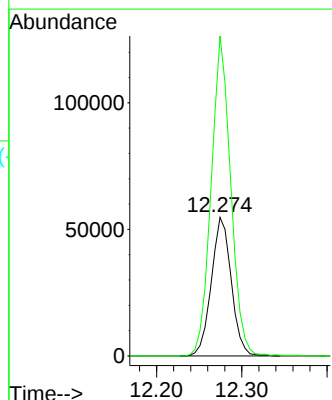
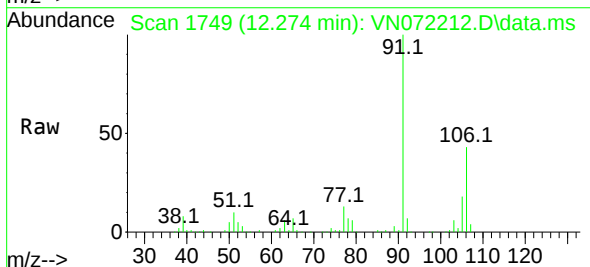
Manual Integrations
APPROVED

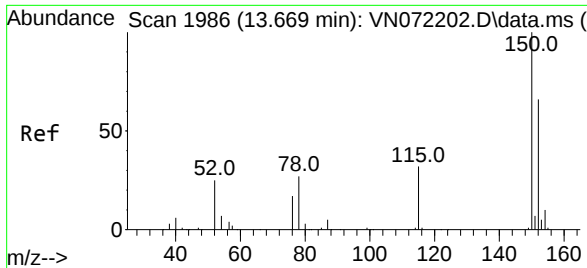
Reviewed By :Mahesh Dadoda 04/28/2022
Supervised By :Semsettin Yesilyurt 04/28/2022



#69
o-Xylene
Concen: 11.539 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072212.D
Acq: 27 Apr 2022 13:41

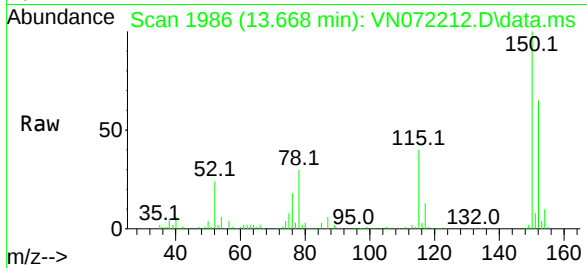
Tgt Ion:106 Resp: 89115
Ion Ratio Lower Upper
106 100
91 226.8 106.0 318.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072212.D
 Acq: 27 Apr 2022 13:41

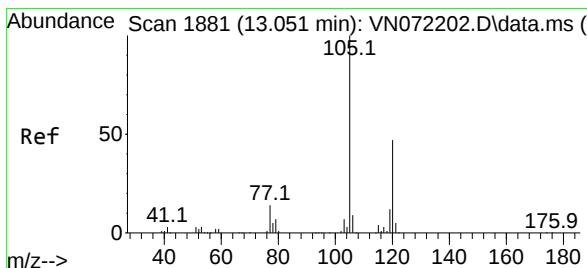
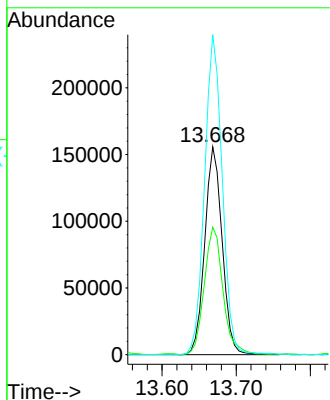
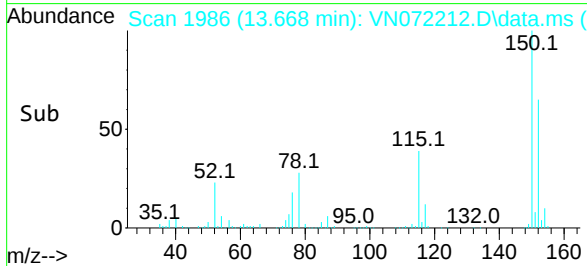
Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-1766



Tgt Ion:152 Resp: 254450
 Ion Ratio Lower Upper
 152 100
 115 65.4 28.9 86.7
 150 156.4 0.0 356.2

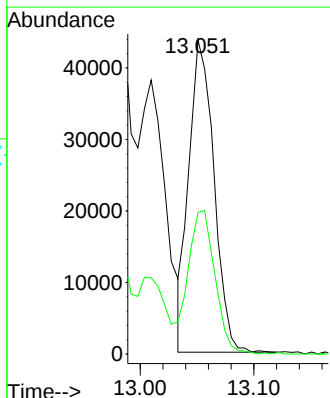
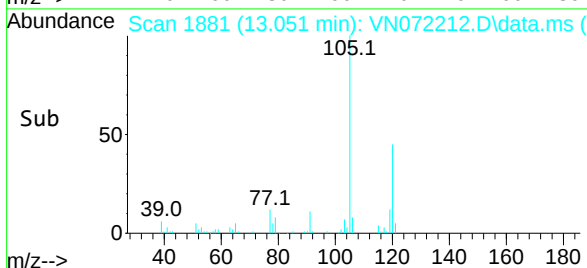
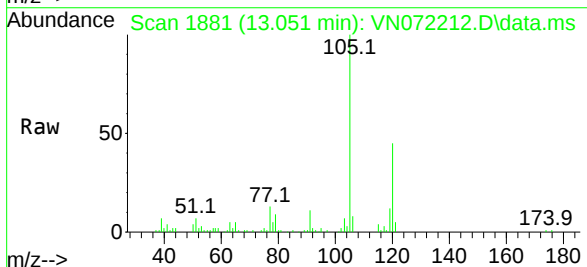
Manual Integrations
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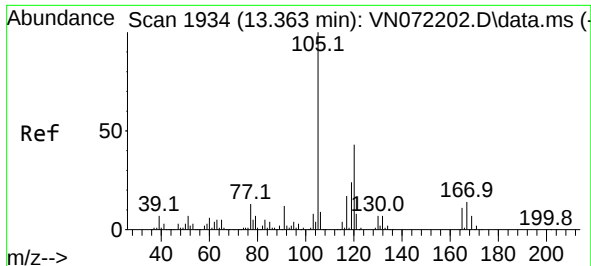
Reviewed By :Mahesh Dadoda 04/28/2022
 Supervised By :Semsettin Yesilyurt 04/28/2022



#80
 1,3,5-Trimethylbenzene
 Concen: 3.575 ug/l
 RT: 13.051 min Scan# 1881
 Delta R.T. -0.000 min
 Lab File: VN072212.D
 Acq: 27 Apr 2022 13:41

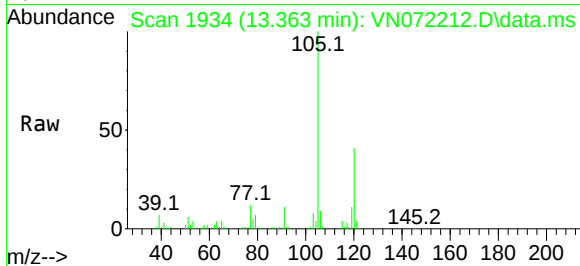
Tgt Ion:105 Resp: 66900
 Ion Ratio Lower Upper
 105 100
 120 50.6 24.9 74.7





#84
1,2,4-Trimethylbenzene
Concen: 7.952 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072212.D
Acq: 27 Apr 2022 13:41

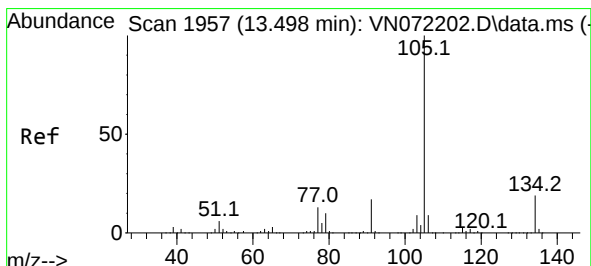
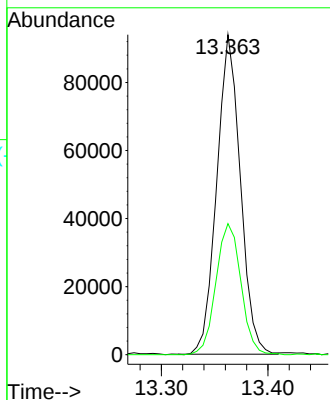
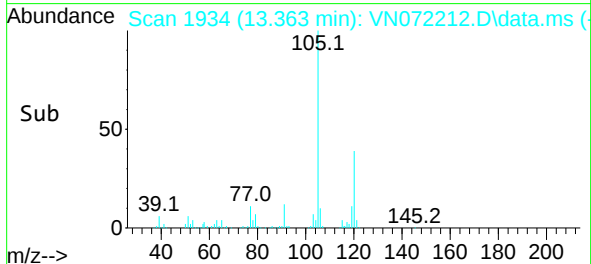
Instrument :
MSVOA_N
ClientSampleId :
NWB-1766



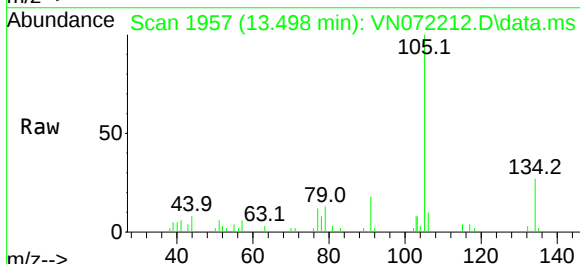
Tgt Ion:105 Resp: 14400
Ion Ratio Lower Upper
105 100
120 43.4 23.3 69.8

Manual Integrations
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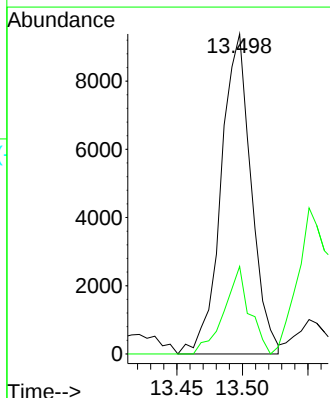
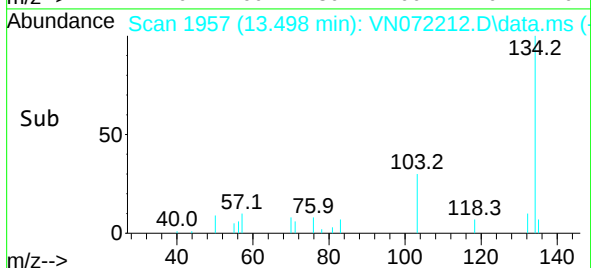
Reviewed By :Mahesh Dadoda 04/28/2022
Supervised By :Semsettin Yesilyurt 04/28/2022

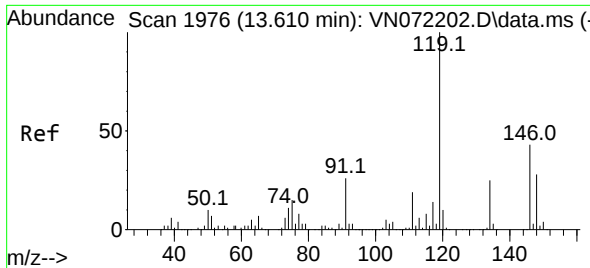


#85
sec-Butylbenzene
Concen: 0.701 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN072212.D
Acq: 27 Apr 2022 13:41



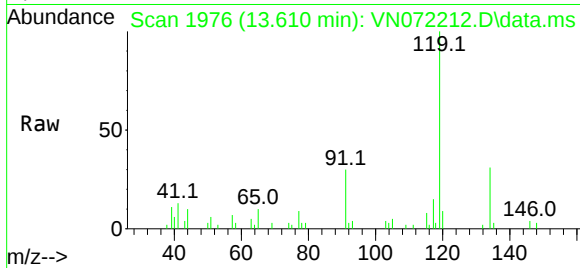
Tgt Ion:105 Resp: 15011
Ion Ratio Lower Upper
105 100
134 23.1 10.4 31.1





#86
p-Isopropyltoluene
Concen: 0.809 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072212.D
Acq: 27 Apr 2022 13:41

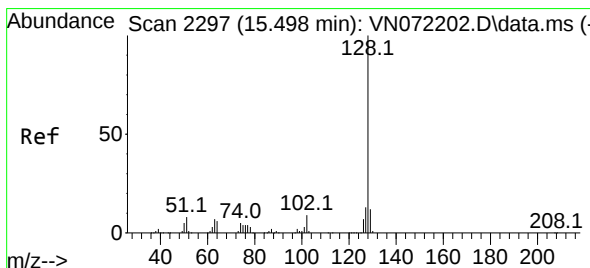
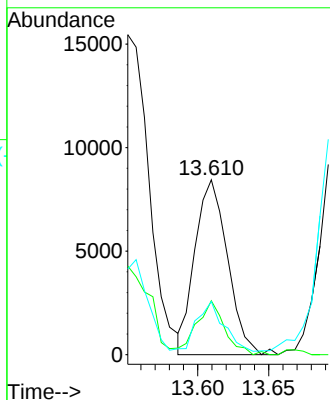
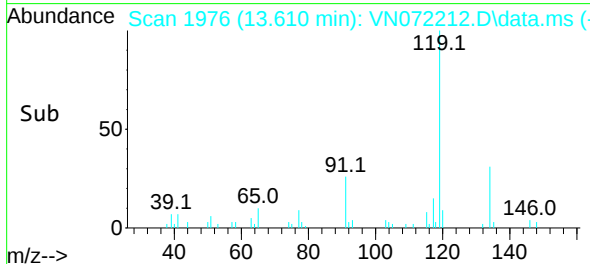
Instrument : MSVOA_N
ClientSampleId : NWB-1766



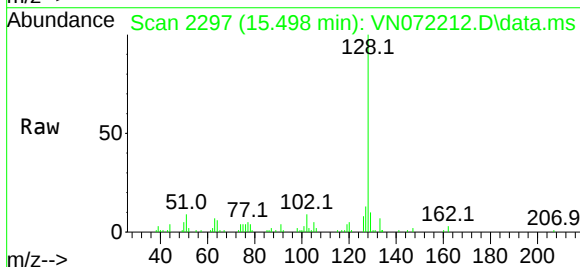
Tgt Ion:119 Resp: 13504
Ion Ratio Lower Upper
119 100
134 27.0 13.3 39.8
91 23.7 11.3 33.9

Manual Integrations
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Reviewed By :Mahesh Dadoda 04/28/2022
Supervised By :Semsettin Yesilyurt 04/28/2022



#95
Naphthalene
Concen: 8.140 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072212.D
Acq: 27 Apr 2022 13:41



Tgt Ion:128 Resp: 55381
Ion Ratio Lower Upper
128 100
127 14.1 10.3 15.5
129 11.1 8.6 13.0

