

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
 Data File : VN074958.D
 Acq On : 21 Oct 2022 13:47
 Operator : JC\MD
 Sample : N5222-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/04/2022
 Supervised By :Mahesh Dadoda 11/04/2022

Quant Time: Oct 22 02:52:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	657123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1105733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	1226582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	996520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	746358	42.749	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.500%		
35) Dibromofluoromethane	8.171	113	574022	43.615	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.240%		
50) Toluene-d8	10.565	98	2465062	48.817	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.640%		
62) 4-Bromofluorobenzene	12.847	95	1033909	58.046	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	116.100%		
Target Compounds					Qvalue	
19) Methyl tert-butyl Ether	5.812	73	23971	0.565	ug/l #	71
39) Methylcyclohexane	9.606	83	431730	21.984	ug/l	93
40) Benzene	8.612	78	186325	3.646	ug/l	93
52) Toluene	10.635	92	68764	2.062	ug/l	99
67) Ethyl Benzene	11.959	91	17009110	258.298	ug/l	89
68) m/p-Xylenes	12.076	106	507832	19.778	ug/l	100
69) o-Xylene	12.400	106	530590	20.629	ug/l	97
73) Isopropylbenzene	12.694	105	6934720	85.197	ug/l	99
78) n-propylbenzene	13.035	91	8201331	86.092	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	4273650	60.784	ug/l	99
84) 1,2,4-Trimethylbenzene	13.470	105	20492395m	288.569	ug/l	
85) sec-Butylbenzene	13.618	105	335258m	3.838	ug/l	
86) p-Isopropyltoluene	13.729	119	946882m	13.161	ug/l	
89) n-Butylbenzene	14.059	91	527953m	8.593	ug/l	
95) Naphthalene	15.617	128	33920934m	560.281	ug/l	

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

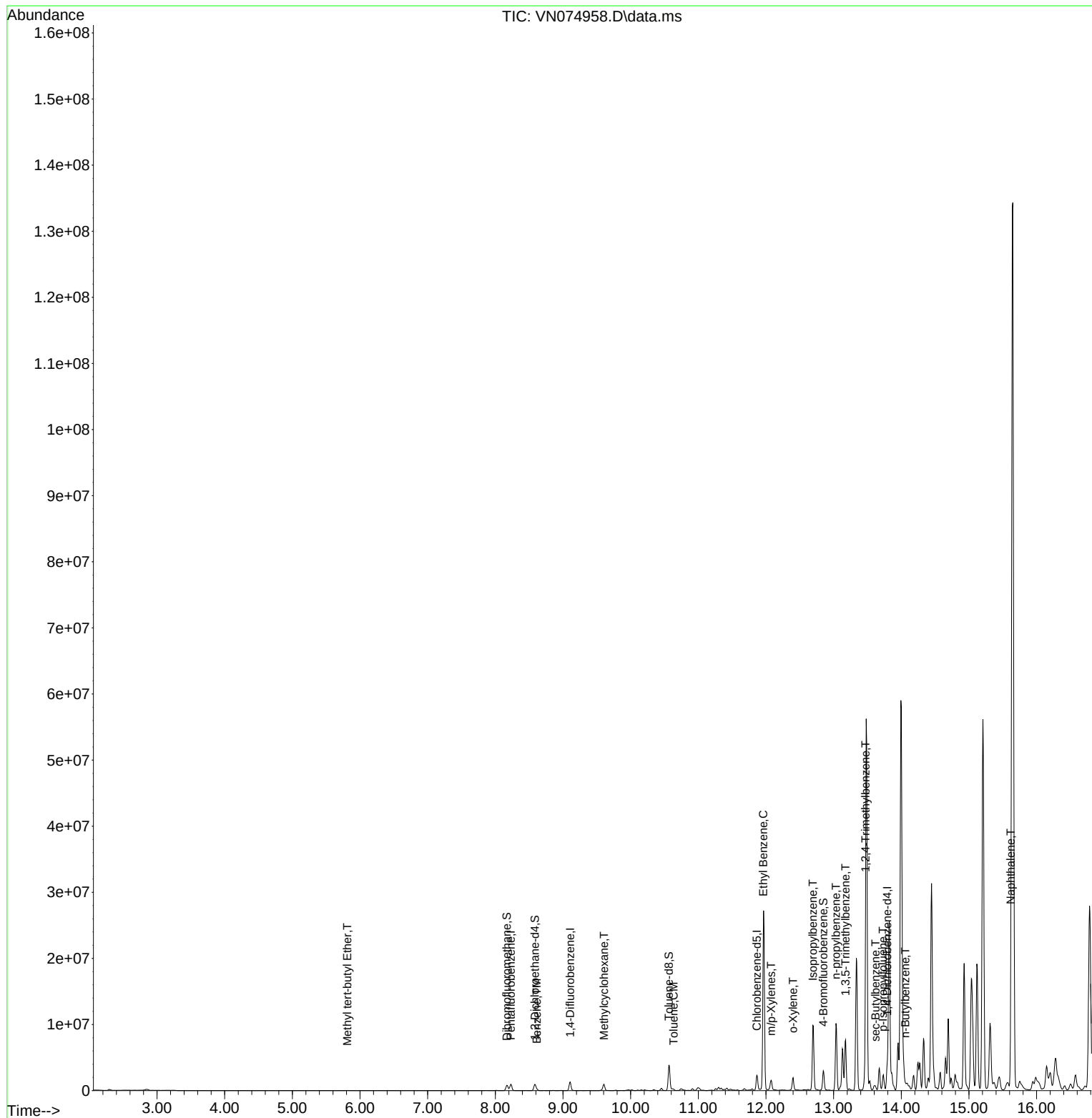
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
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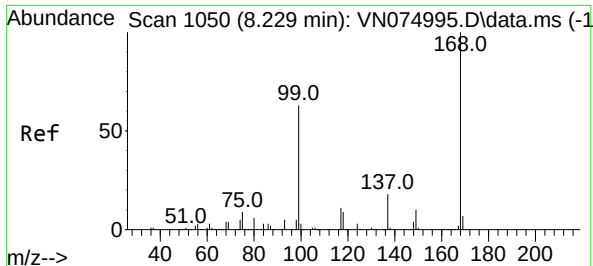
Instrument :
MSVOA_N
ClientSampleId :
MW-12

Quant Time: Oct 22 02:52:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260
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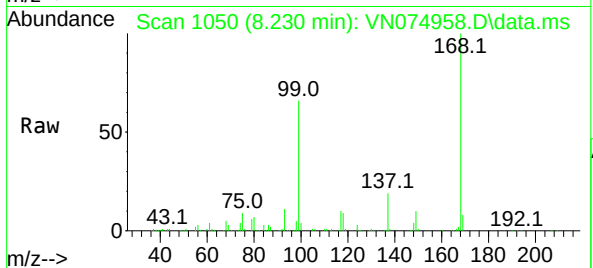
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

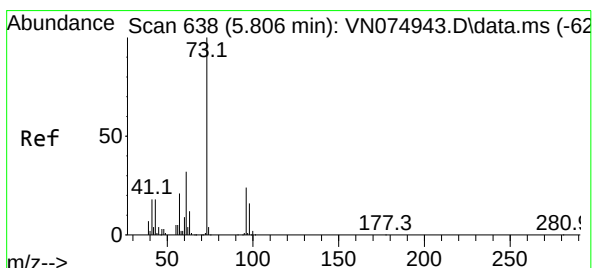
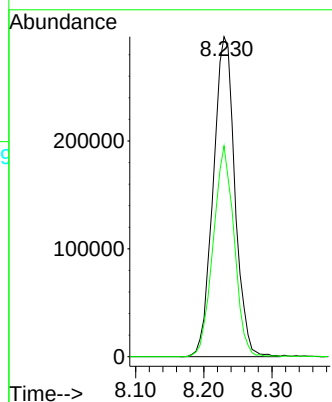
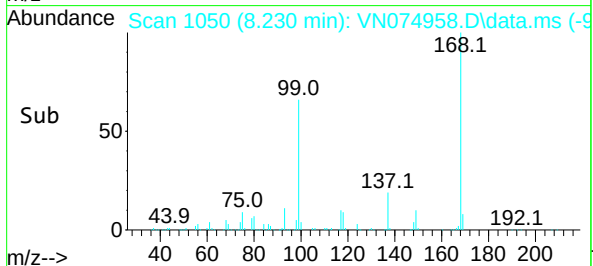
Instrument :
MSVOA_N
ClientSampleId :
MW-12



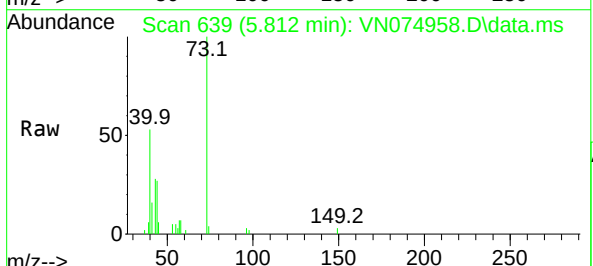
Tgt Ion:168 Resp: 65712
Ion Ratio Lower Upper
168 100
99 65.8 52.2 78.4

Manual Integrations
APPROVED

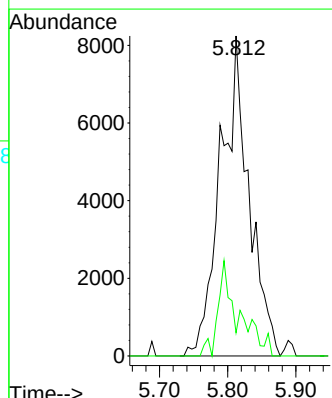
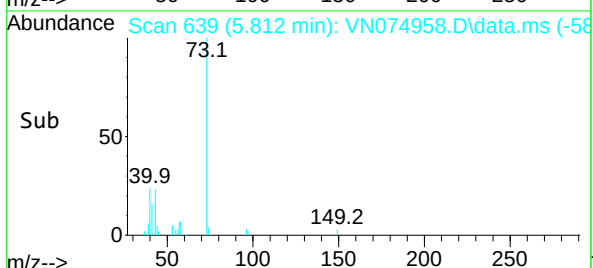
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

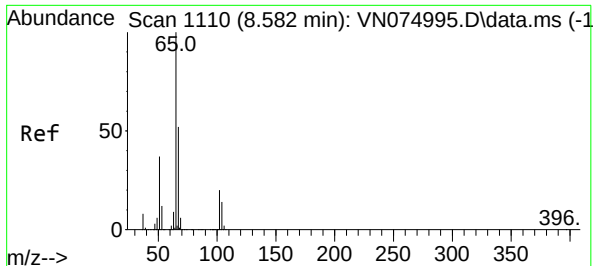


#19
Methyl tert-butyl Ether
Concen: 0.565 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47



Tgt Ion: 73 Resp: 23971
Ion Ratio Lower Upper
73 100
57 7.3 16.9 25.3#





#33

1,2-Dichloroethane-d4

Concen: 42.749 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN074958.D

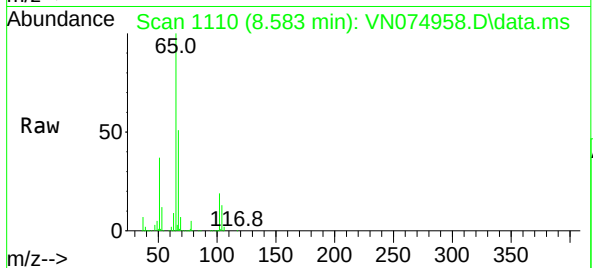
Acq: 21 Oct 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

MW-12



Tgt Ion: 65 Resp: 746358

Ion Ratio Lower Upper

65 100

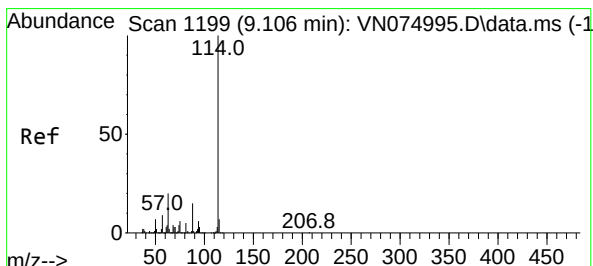
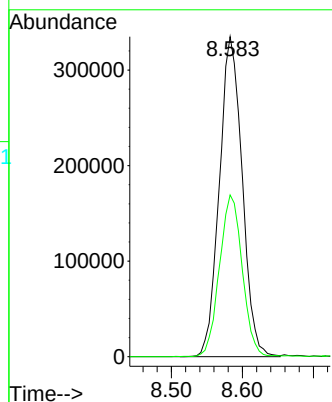
67 50.1 0.0 102.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN074958.D

Acq: 21 Oct 2022 13:47

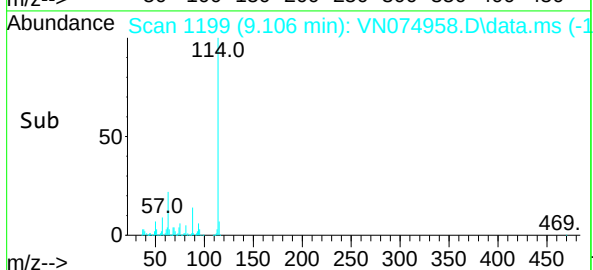
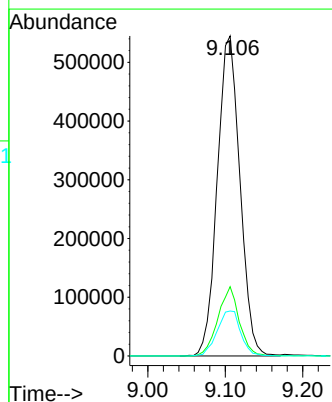
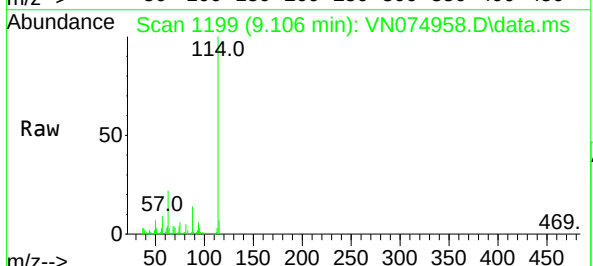
Tgt Ion:114 Resp: 1105733

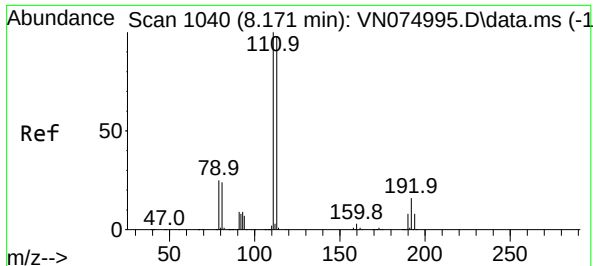
Ion Ratio Lower Upper

114 100

63 21.6 0.0 39.8

88 14.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 43.615 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN074958.D

Acq: 21 Oct 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

MW-12

Tgt Ion: 113 Resp: 57402

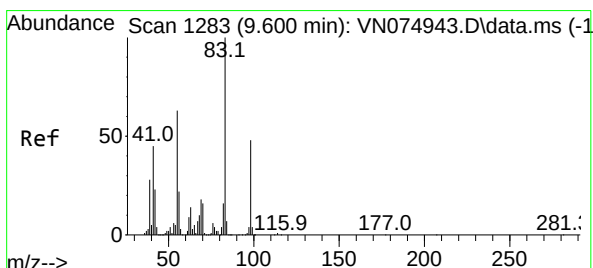
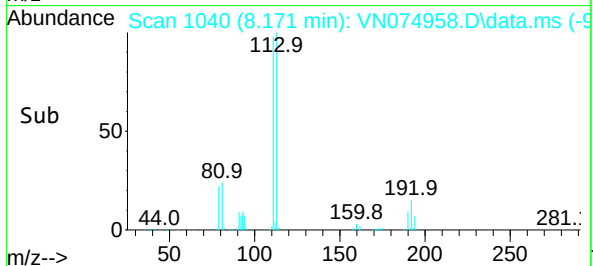
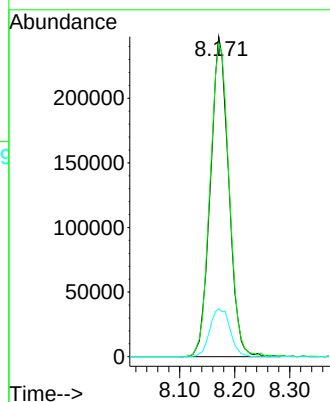
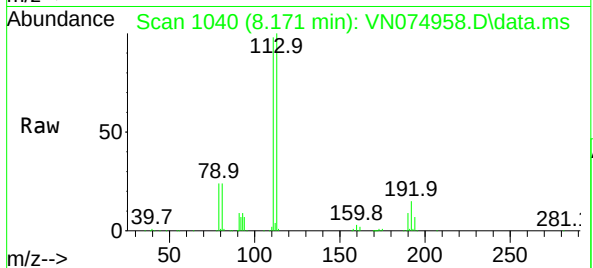
Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.4	125.2
192	16.5	13.3	19.9

Manual Integrations

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Supervised By :Mahesh Dadoda 11/04/2022



#39

Methylcyclohexane

Concen: 21.984 ug/l

RT: 9.606 min Scan# 1284

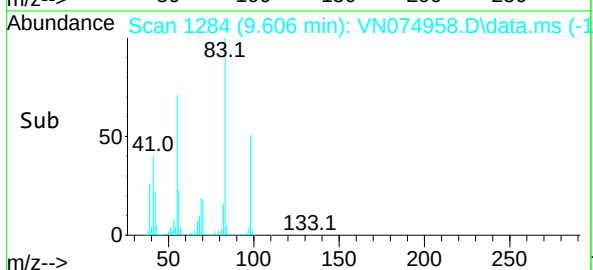
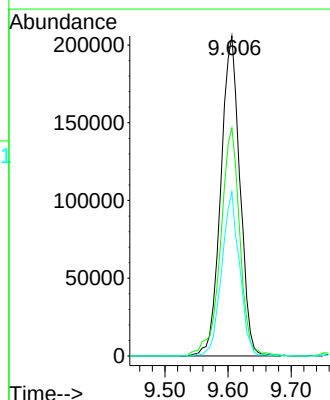
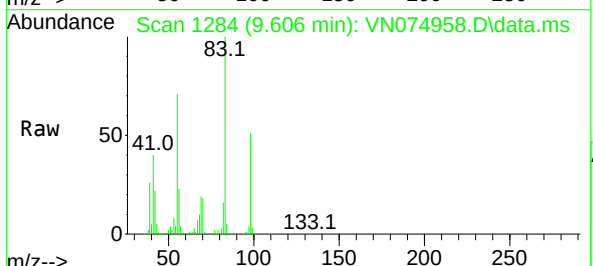
Delta R.T. 0.006 min

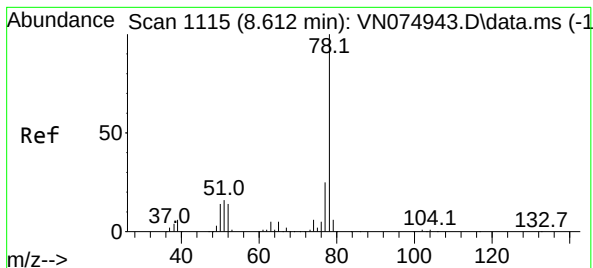
Lab File: VN074958.D

Acq: 21 Oct 2022 13:47

Tgt Ion: 83 Resp: 431730

Ion	Ratio	Lower	Upper
83	100		
55	71.1	50.8	76.2
98	51.4	38.8	58.2





#40

Benzene

Concen: 3.646 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN074958.D

Acq: 21 Oct 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

MW-12

Tgt Ion: 78 Resp: 186325

Ion Ratio Lower Upper

78 100

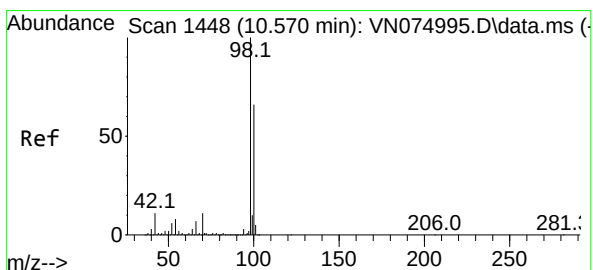
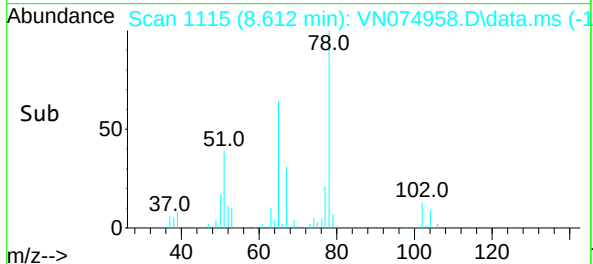
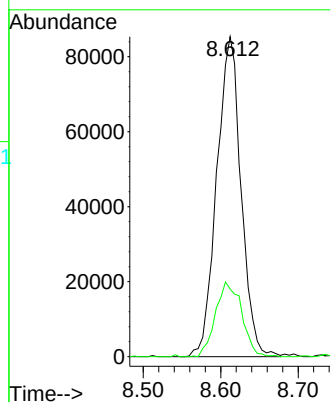
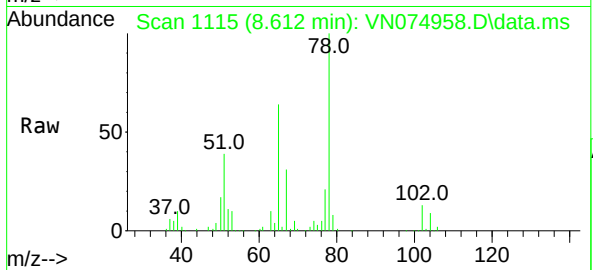
77 21.1 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#50

Toluene-d8

Concen: 48.817 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN074958.D

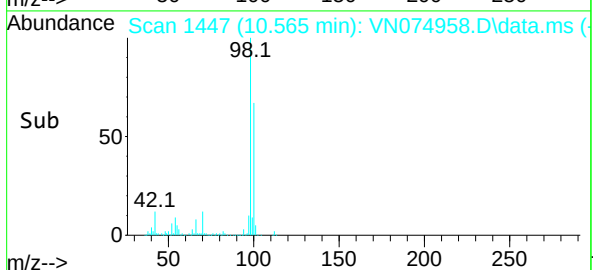
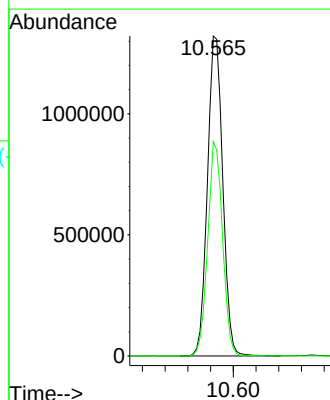
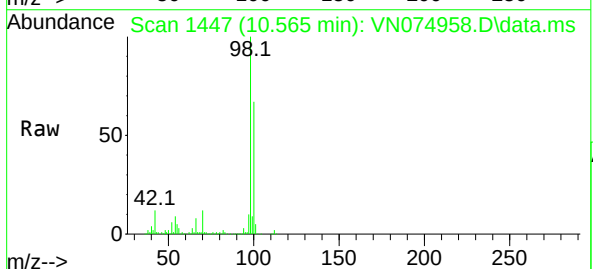
Acq: 21 Oct 2022 13:47

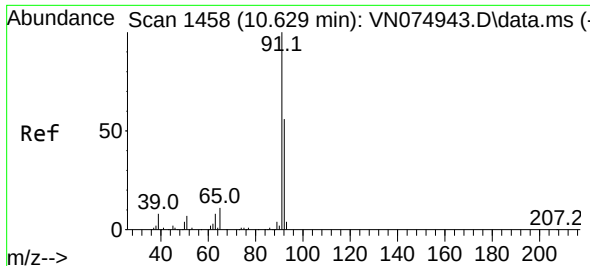
Tgt Ion: 98 Resp: 2465062

Ion Ratio Lower Upper

98 100

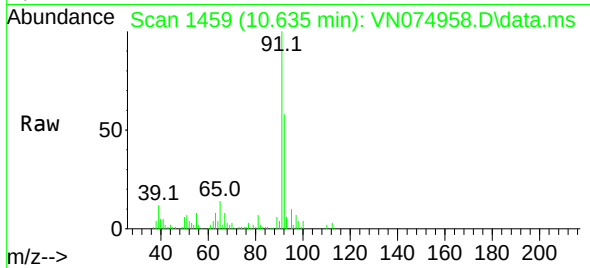
100 64.9 51.4 77.2





#52
Toluene
Concen: 2.062 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

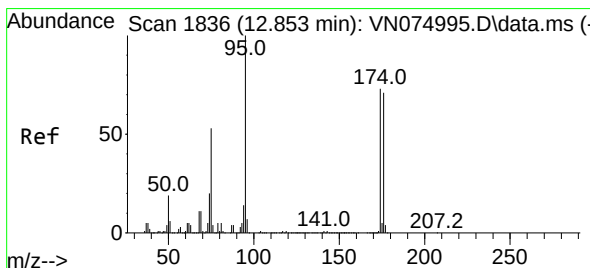
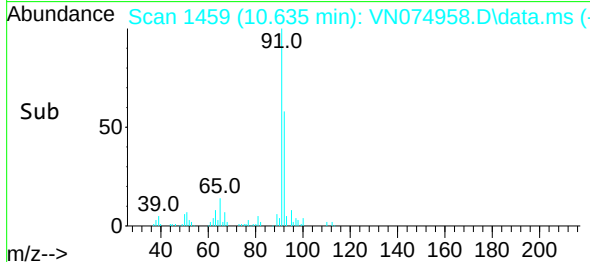
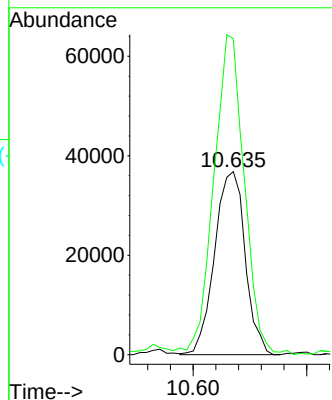
Instrument :
MSVOA_N
ClientSampleId :
MW-12



Tgt Ion: 92 Resp: 68764
Ion Ratio Lower Upper
92 100
91 173.0 139.2 208.8

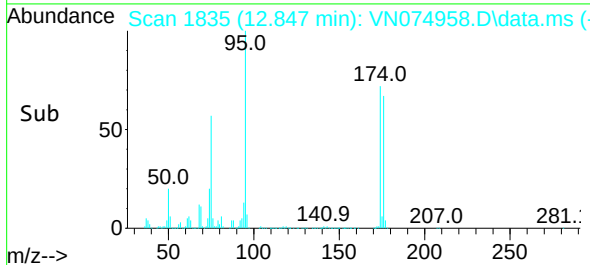
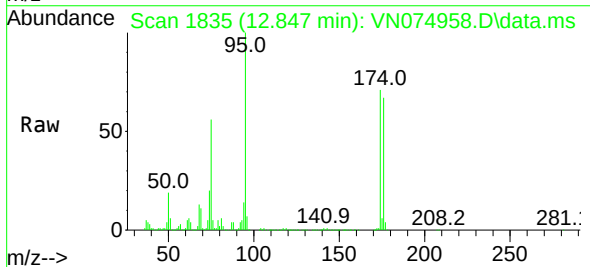
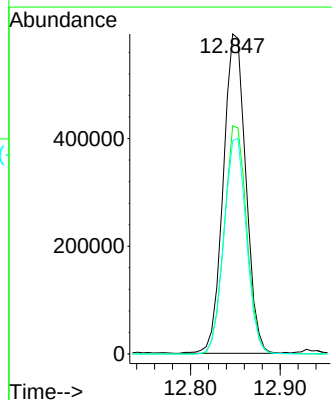
Manual Integrations
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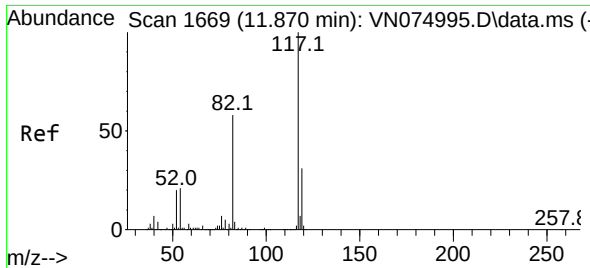
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#62
4-Bromofluorobenzene
Concen: 58.046 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

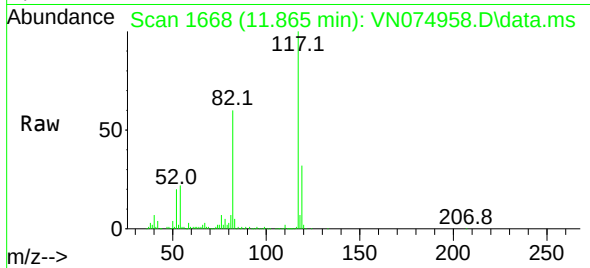
Tgt Ion: 95 Resp: 1033909
Ion Ratio Lower Upper
95 100
174 71.3 0.0 143.0
176 67.4 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

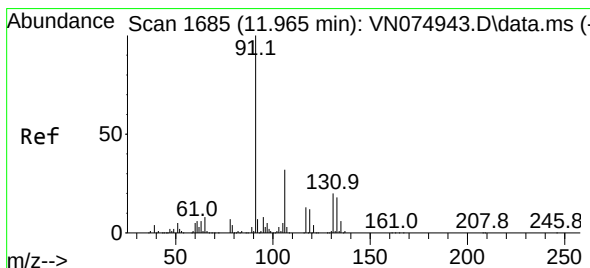
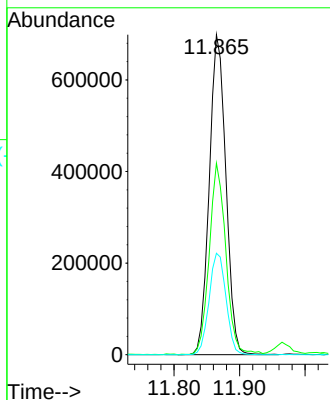
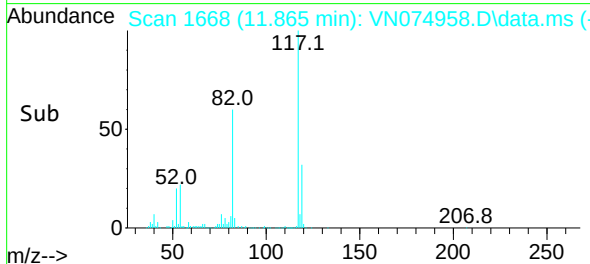
Instrument :
MSVOA_N
ClientSampleId :
MW-12



Tgt Ion:117 Resp: 122658
Ion Ratio Lower Upper
117 100
82 59.8 45.6 68.4
119 31.7 25.1 37.7

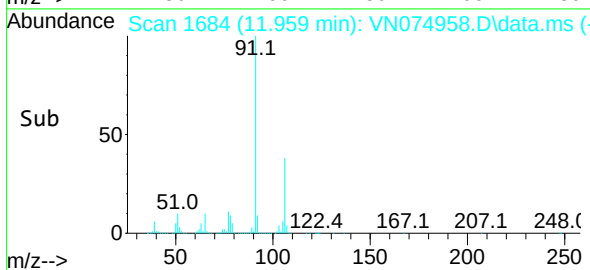
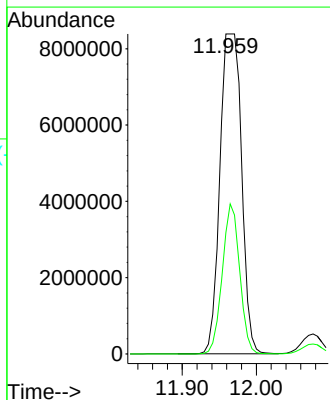
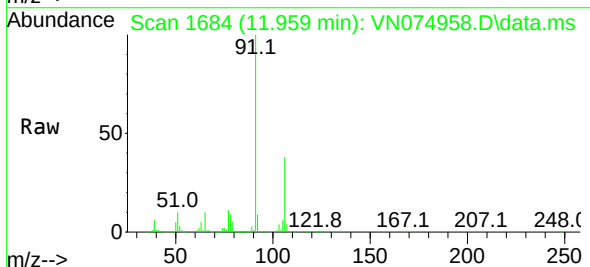
Manual Integrations
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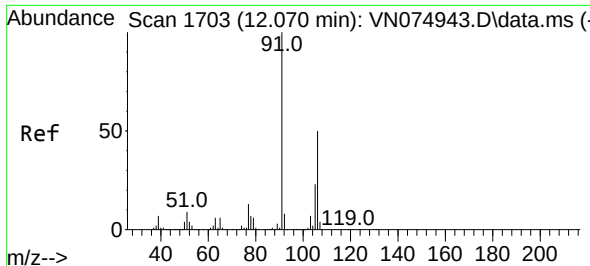
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#67
Ethyl Benzene
Concen: 258.298 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

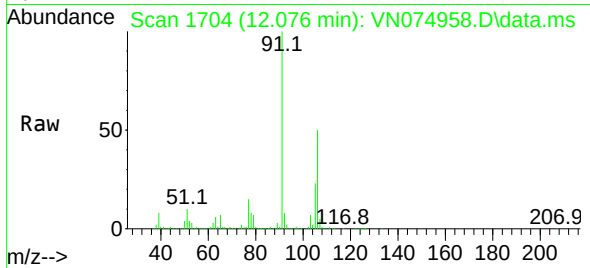
Tgt Ion: 91 Resp:17009110
Ion Ratio Lower Upper
91 100
106 37.9 25.4 38.2





#68
m/p-Xylenes
Concen: 19.778 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

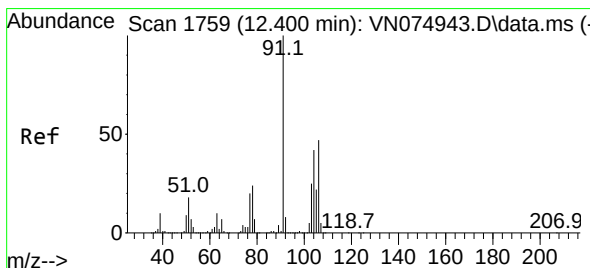
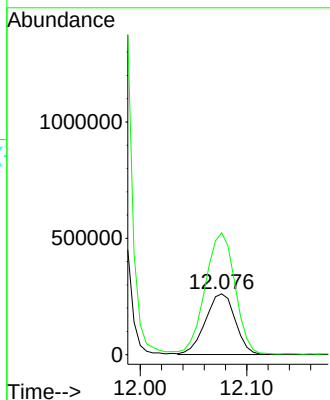
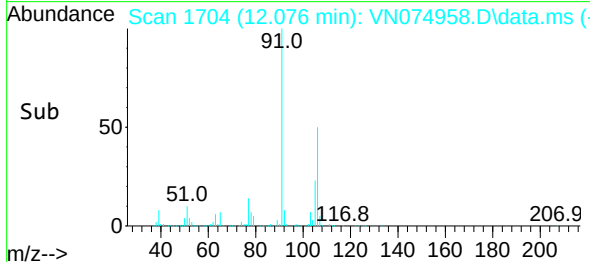
Instrument :
MSVOA_N
ClientSampleId :
MW-12



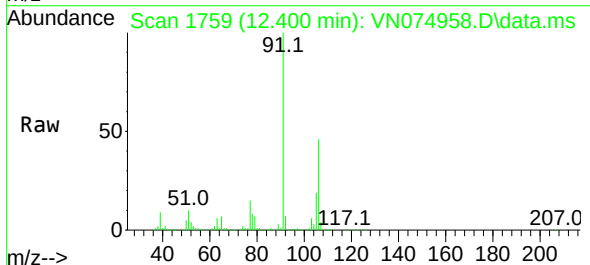
Tgt Ion:106 Resp: 507832
Ion Ratio Lower Upper
106 100
91 199.7 159.7 239.5

Manual Integrations
APPROVED

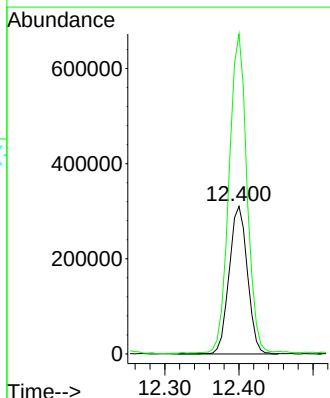
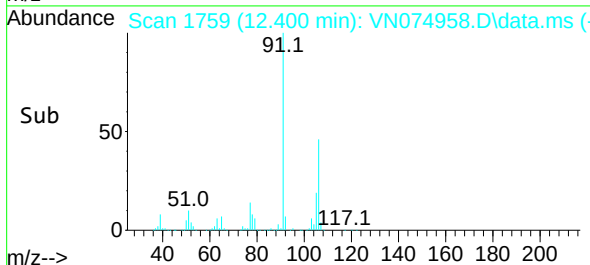
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

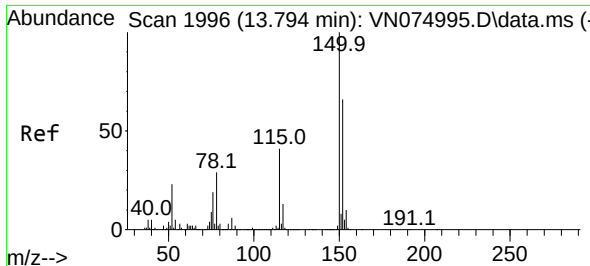


#69
o-Xylene
Concen: 20.629 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47



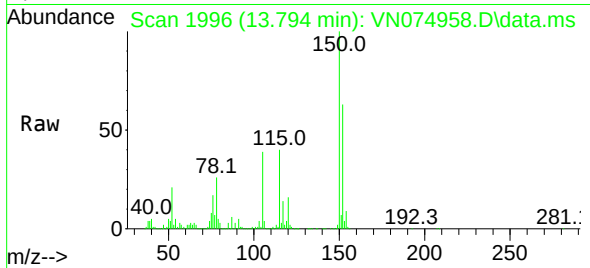
Tgt Ion:106 Resp: 530590
Ion Ratio Lower Upper
106 100
91 211.4 103.6 310.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

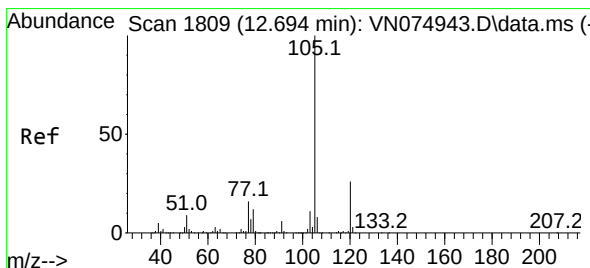
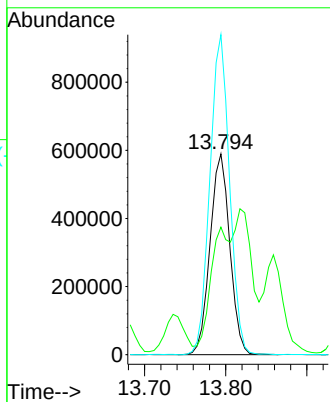
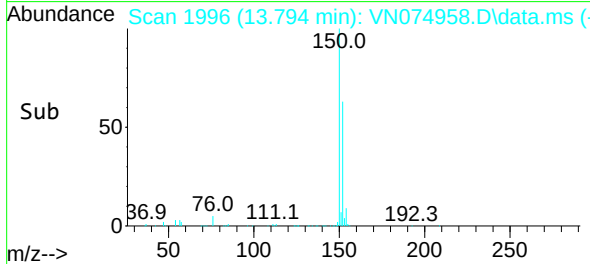
Instrument :
MSVOA_N
ClientSampleId :
MW-12



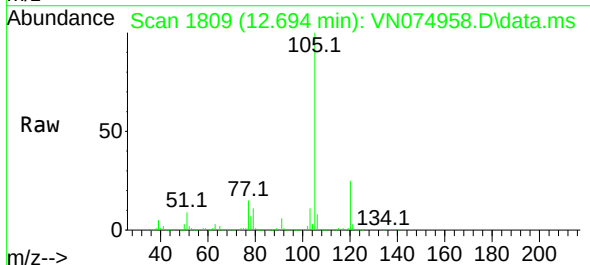
Tgt Ion:152 Resp: 996520
Ion Ratio Lower Upper
152 100
115 57.8 31.3 93.8
150 158.5 0.0 349.6

Manual Integrations
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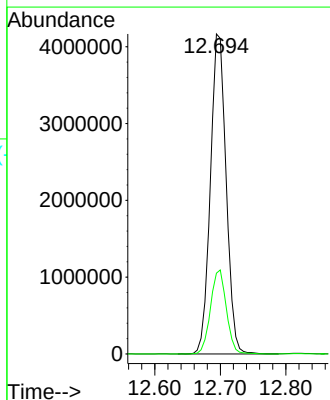
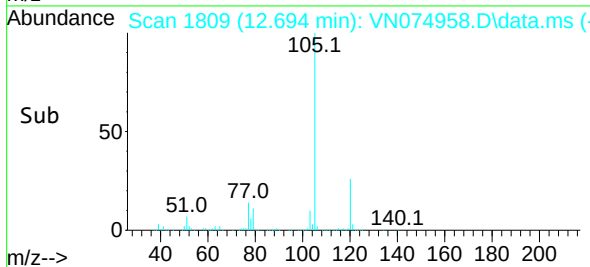
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

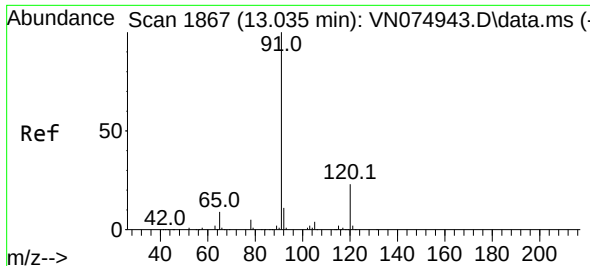


#73
Isopropylbenzene
Concen: 85.197 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47



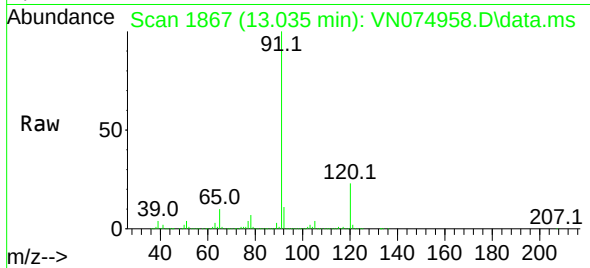
Tgt Ion:105 Resp: 6934720
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.4





#78
n-propylbenzene
Concen: 86.092 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

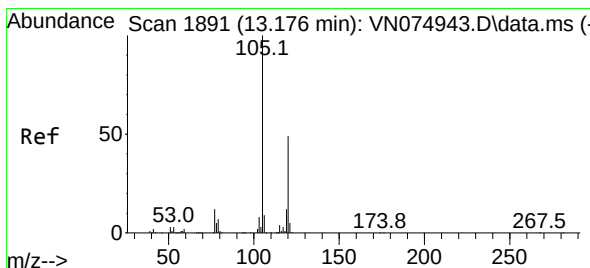
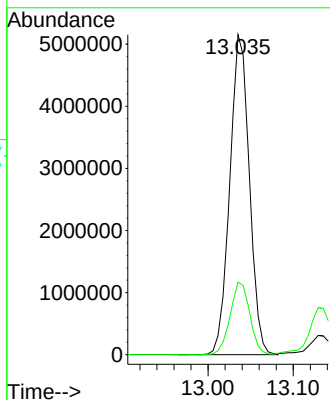
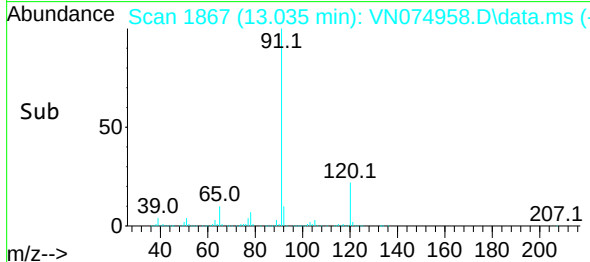
Instrument :
MSVOA_N
ClientSampleId :
MW-12



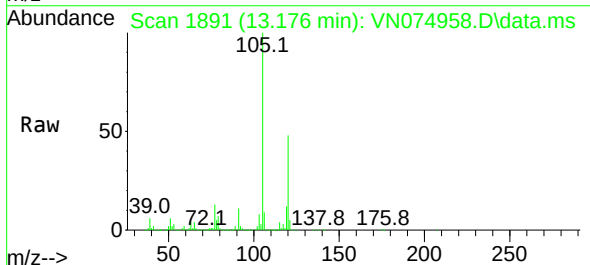
Tgt Ion: 91 Resp: 820133
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4

Manual Integrations
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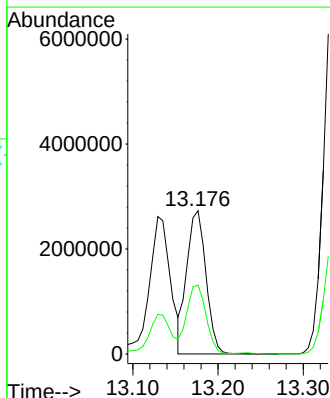
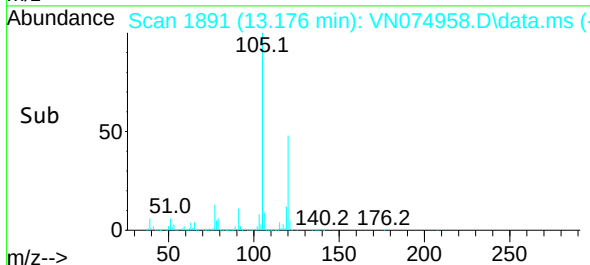
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

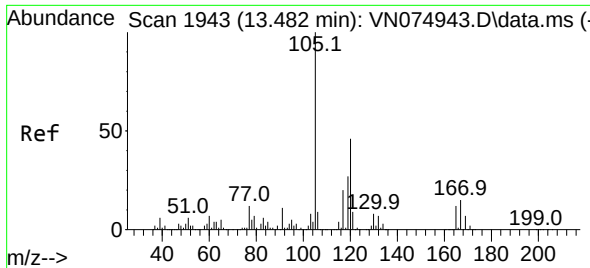


#80
1,3,5-Trimethylbenzene
Concen: 60.784 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47



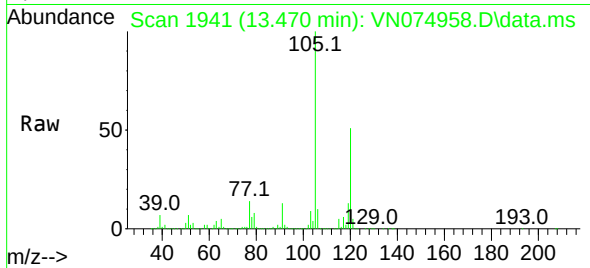
Tgt Ion:105 Resp: 4273650
Ion Ratio Lower Upper
105 100
120 47.7 24.3 72.9





#84
1,2,4-Trimethylbenzene
Concen: 288.569 ug/l m
RT: 13.470 min Scan# 1943
Delta R.T. -0.012 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

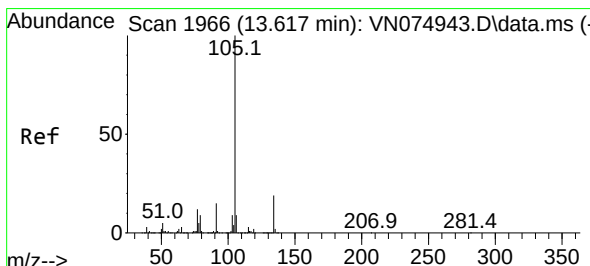
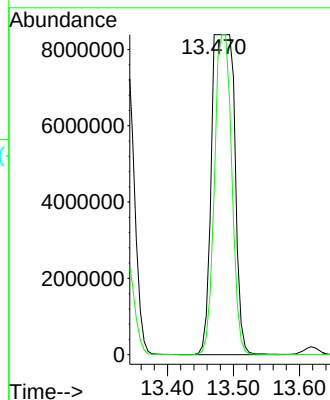
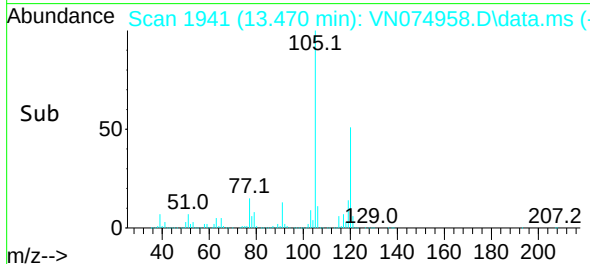
Instrument :
MSVOA_N
ClientSampleId :
MW-12



Tgt Ion:105 Resp:2049239
Ion Ratio Lower Upper
105 100
120 20.3 22.9 68.5

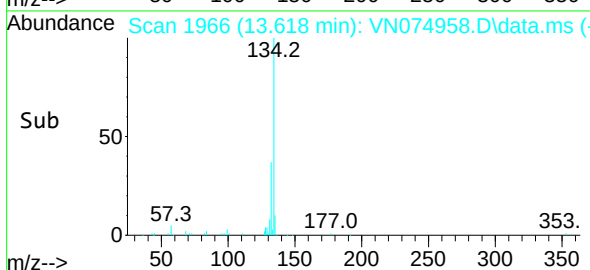
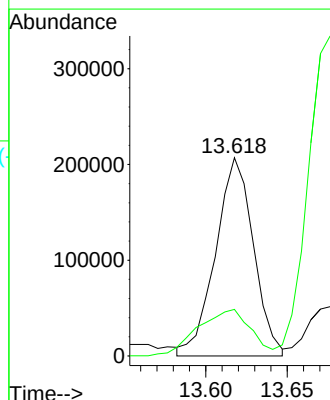
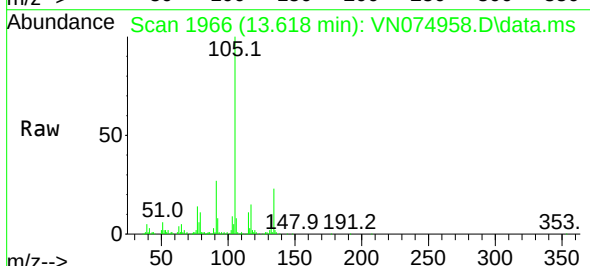
Manual Integrations
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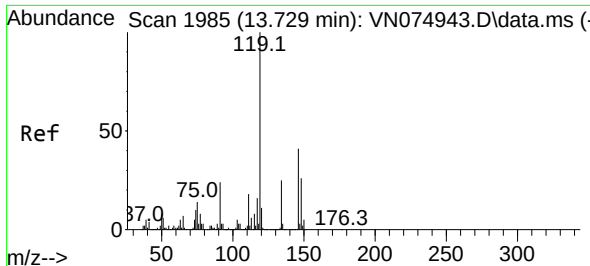
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#85
sec-Butylbenzene
Concen: 3.838 ug/l m
RT: 13.618 min Scan# 1966
Delta R.T. 0.000 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

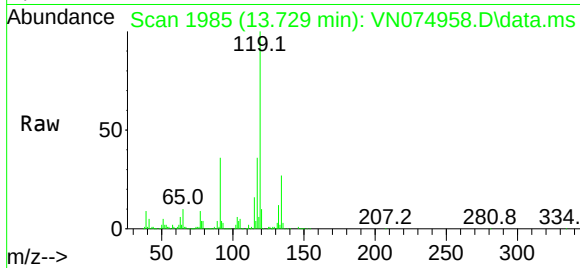
Tgt Ion:105 Resp: 335258
Ion Ratio Lower Upper
105 100
134 0.0 9.7 29.1#





#86
p-Isopropyltoluene
Concen: 13.161 ug/l m
RT: 13.729 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

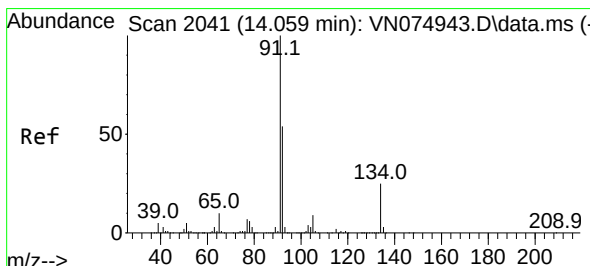
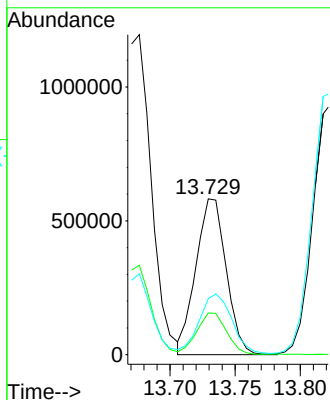
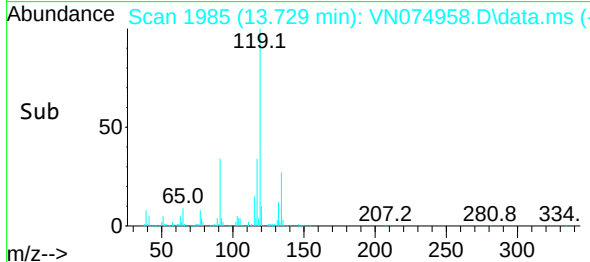
Instrument :
MSVOA_N
ClientSampleId :
MW-12



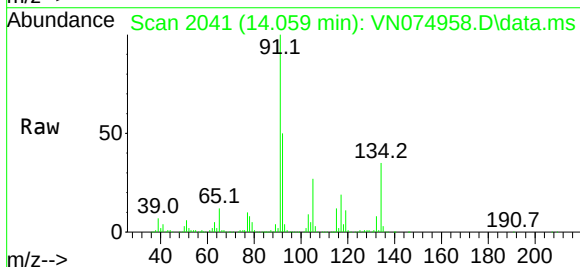
Tgt Ion:119 Resp: 946882
Ion Ratio Lower Upper
119 100
134 55.5 12.9 38.7#
91 47.6 11.9 35.5#

Manual Integrations
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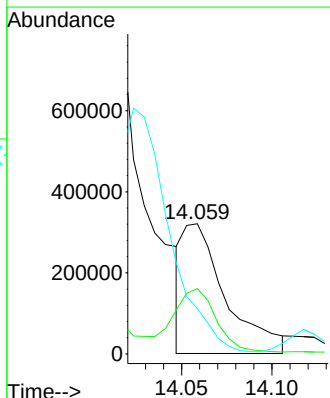
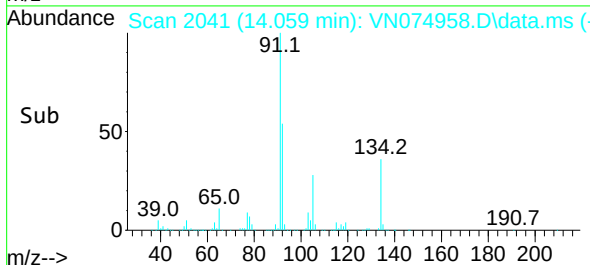
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

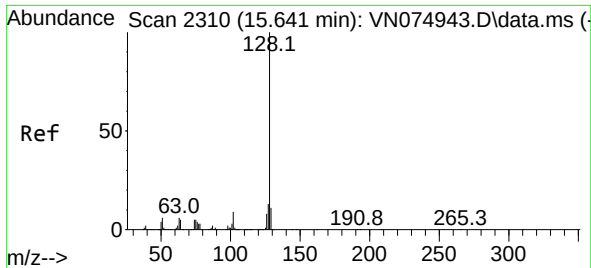


#89
n-Butylbenzene
Concen: 8.593 ug/l m
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47



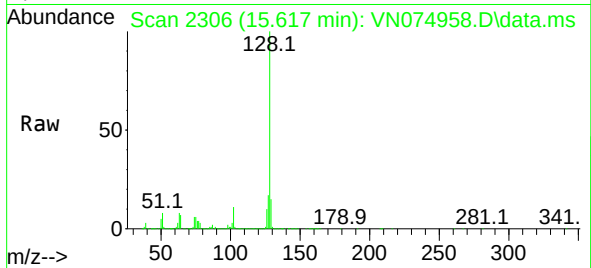
Tgt Ion: 91 Resp: 527953
Ion Ratio Lower Upper
91 100
92 127.3 26.3 78.9#
134 0.0 12.6 37.6#





#95
Naphthalene
Concen: 560.281 ug/l m
RT: 15.617 min Scan# 21
Delta R.T. -0.023 min
Lab File: VN074958.D
Acq: 21 Oct 2022 13:47

Instrument :
MSVOA_N
ClientSampleId :
MW-12



Tgt Ion:128 Resp:33920934
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6
129 0.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

