

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
 Data File : VN074961.D
 Acq On : 21 Oct 2022 14:59
 Operator : JC\MD
 Sample : N5222-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 02:53:28 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	716626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	1207362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	1289152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	1067126	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	797738	41.898	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.800%		
35) Dibromofluoromethane	8.171	113	612662	42.633	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.260%		
50) Toluene-d8	10.571	98	2627024	47.645	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.300%		
62) 4-Bromofluorobenzene	12.853	95	1190902	61.232	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	122.460%		
Target Compounds					Qvalue	
30) Chloroform	7.965	83	64306	2.307	ug/l	98
31) Cyclohexane	8.265	56	135713	6.977	ug/l	# 83
39) Methylcyclohexane	9.600	83	223453	10.421	ug/l	91
40) Benzene	8.612	78	720542	12.914	ug/l	97
52) Toluene	10.635	92	7478447	205.408	ug/l	97
64) Tetrachloroethene	11.100	164	11793	1.119	ug/l	# 75
67) Ethyl Benzene	11.953	91	23391043m	337.972	ug/l	
68) m/p-Xylenes	12.059	106	26680342m	988.677	ug/l	
69) o-Xylene	12.400	106	3244340	120.015	ug/l	100
73) Isopropylbenzene	12.700	105	2897941	33.247	ug/l	100
78) n-propylbenzene	13.035	91	7468979	73.216	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	14612426	194.081	ug/l	95
84) 1,2,4-Trimethylbenzene	13.470	105	25739802m	338.480	ug/l	
85) sec-Butylbenzene	13.618	105	312710m	3.343	ug/l	
86) p-Isopropyltoluene	13.729	119	232668m	3.020	ug/l	
89) n-Butylbenzene	14.059	91	376366m	5.721	ug/l	

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

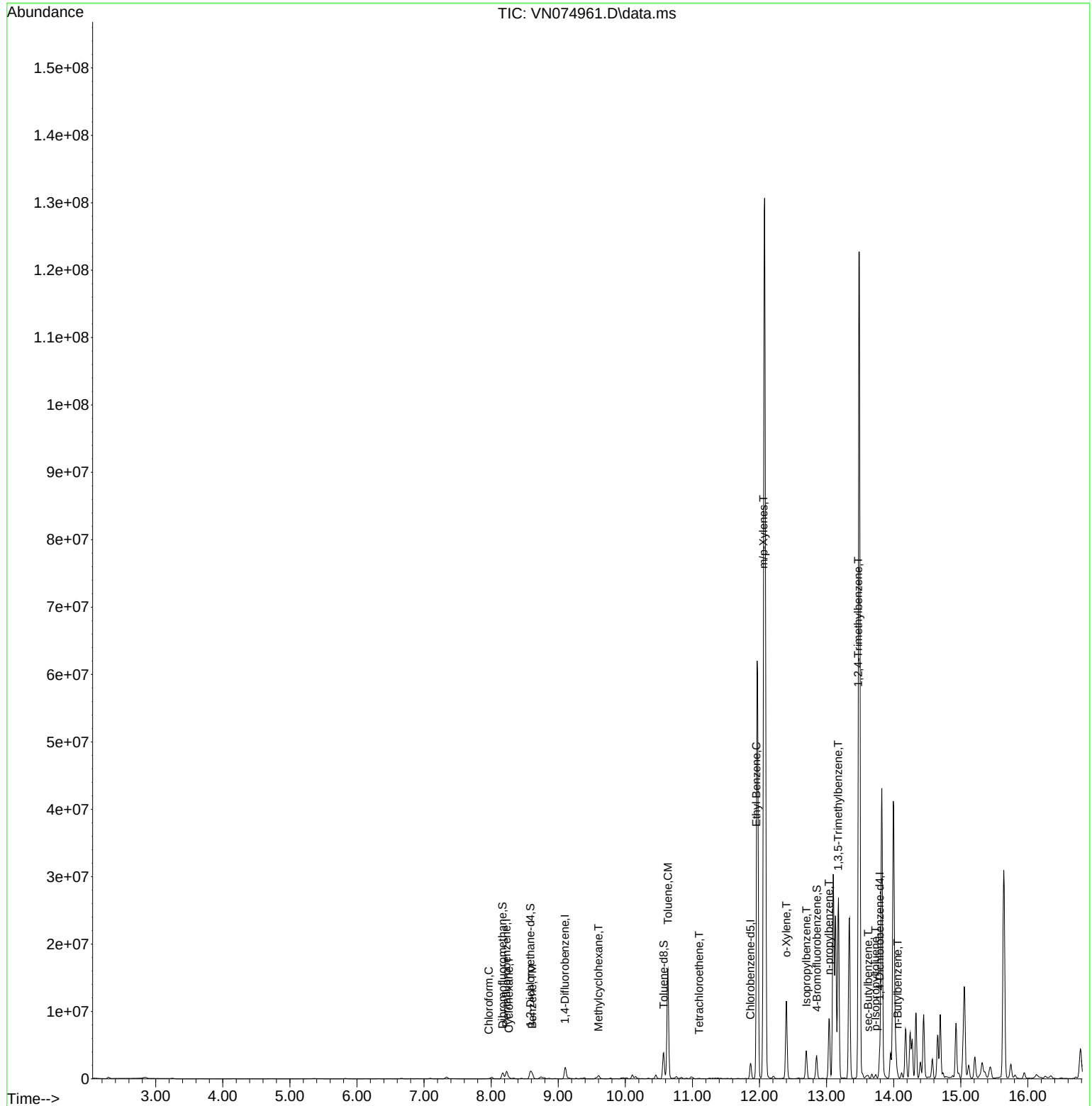
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
Data File : VN074961.D
Acq On : 21 Oct 2022 14:59
Operator : JC\MD
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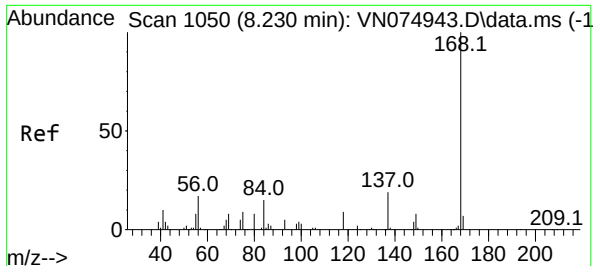
Instrument :
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MW-3

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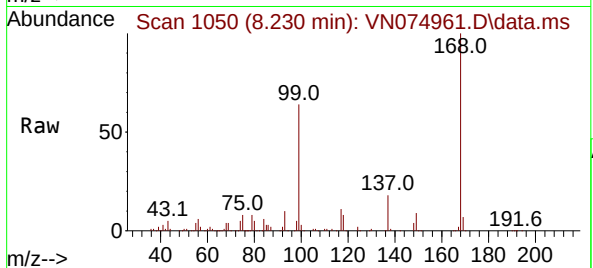
Quant Time: Oct 22 02:53:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 21 09:37:47 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN074961.D
Acq: 21 Oct 2022 14:59

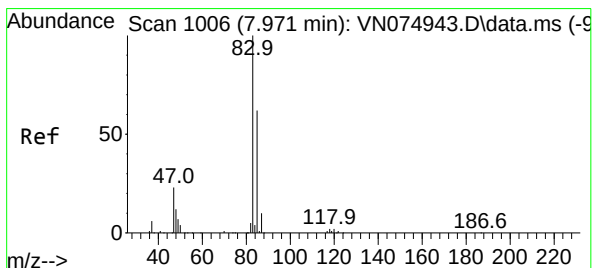
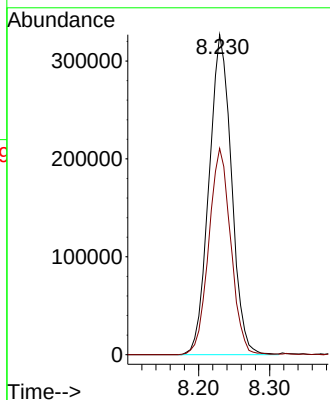
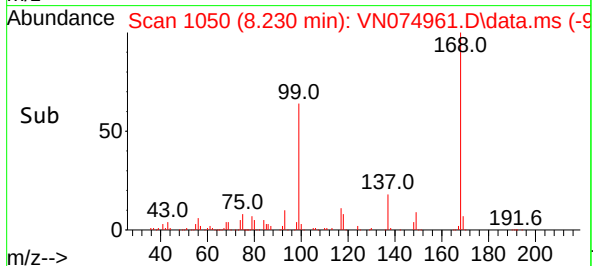
Instrument :
MSVOA_N
ClientSampleId :
MW-3



Tgt Ion:168 Resp: 716620
Ion Ratio Lower Upper
168 100
99 64.5 52.2 78.4

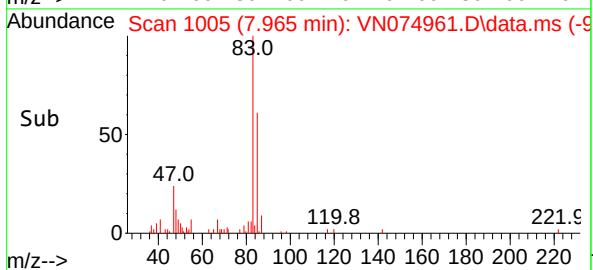
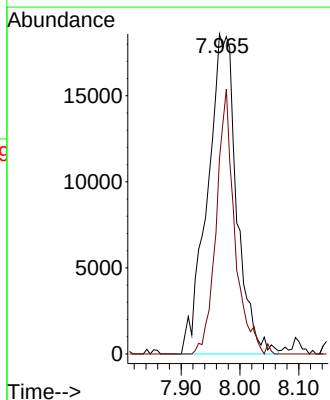
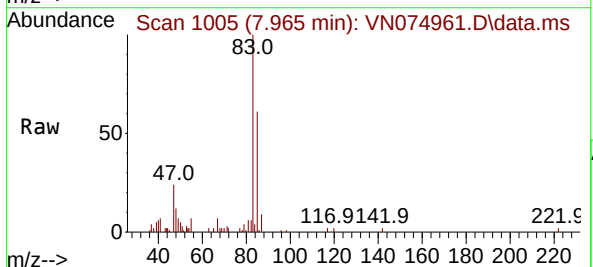
Manual Integrations
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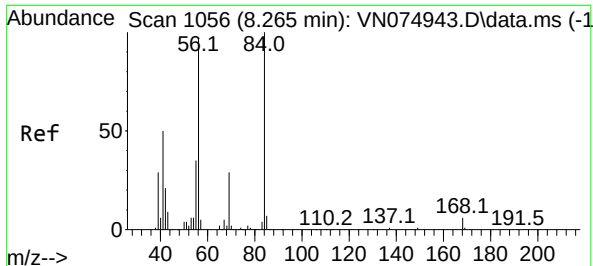
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#30
Chloroform
Concen: 2.307 ug/l
RT: 7.965 min Scan# 1005
Delta R.T. -0.006 min
Lab File: VN074961.D
Acq: 21 Oct 2022 14:59

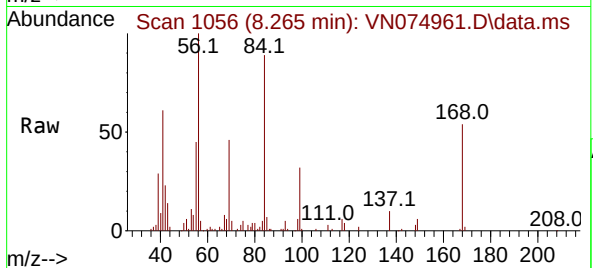
Tgt Ion: 83 Resp: 64306
Ion Ratio Lower Upper
83 100
85 61.1 49.9 74.9





#31
Cyclohexane
Concen: 6.977 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN074961.D
Acq: 21 Oct 2022 14:59

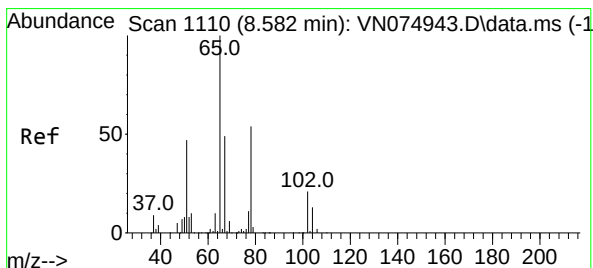
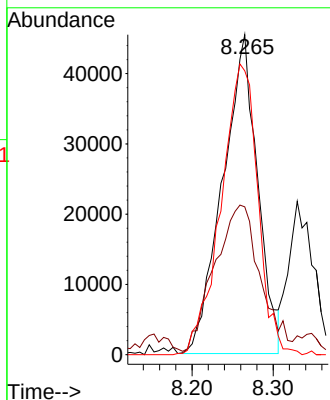
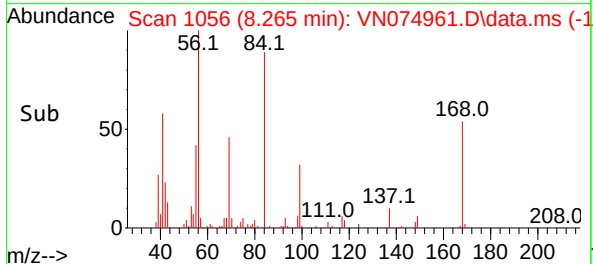
Instrument :
MSVOA_N
ClientSampleId :
MW-3



Tgt Ion: 56 Resp: 13571
Ion Ratio Lower Upper
56 100
69 44.6 24.2 36.2
84 88.6 82.8 124.2

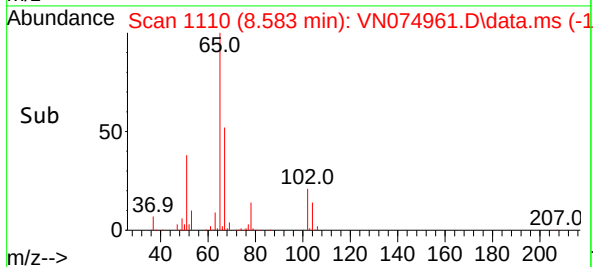
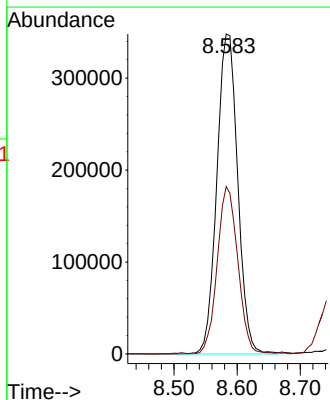
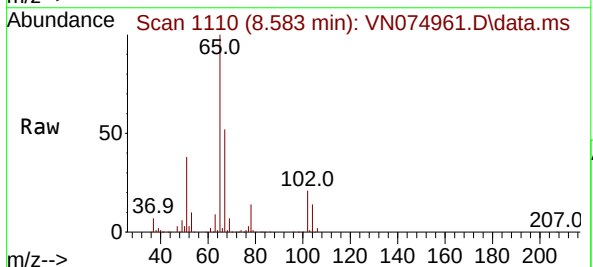
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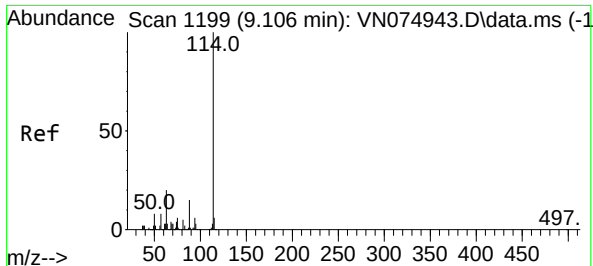
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#33
1,2-Dichloroethane-d4
Concen: 41.898 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN074961.D
Acq: 21 Oct 2022 14:59

Tgt Ion: 65 Resp: 797738
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN074961.D

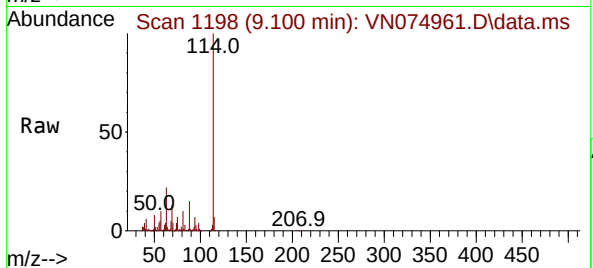
Acq: 21 Oct 2022 14:59

Instrument :

MSVOA_N

ClientSampleId :

MW-3



Tgt Ion:114 Resp: 1207362

Ion Ratio Lower Upper

114 100

63 21.8 0.0 39.8

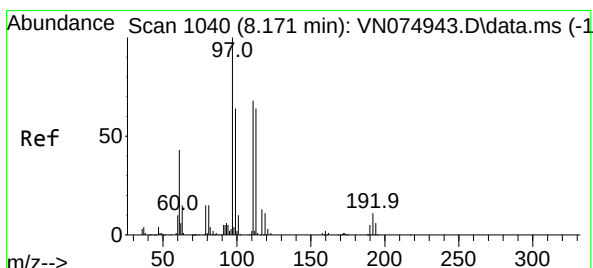
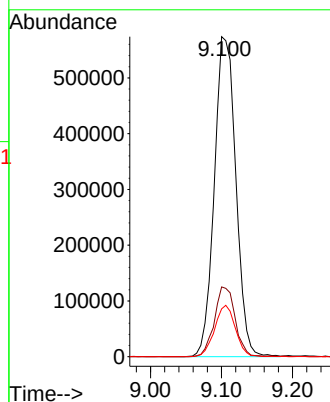
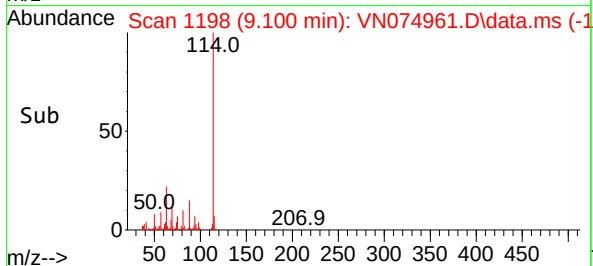
88 15.0 0.0 30.4

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Supervised By :Mahesh Dadoda 11/04/2022



#35

Dibromofluoromethane

Concen: 42.633 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN074961.D

Acq: 21 Oct 2022 14:59

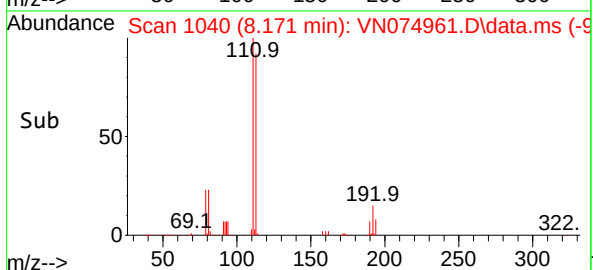
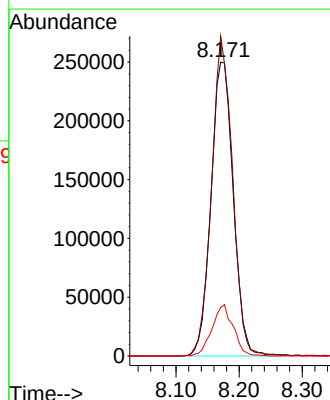
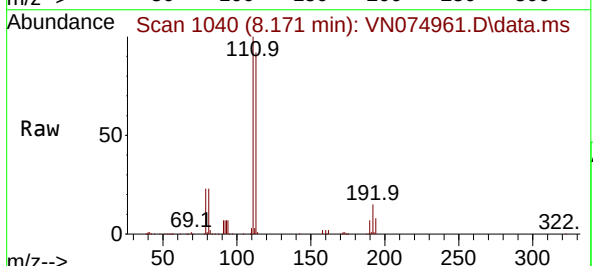
Tgt Ion:113 Resp: 612662

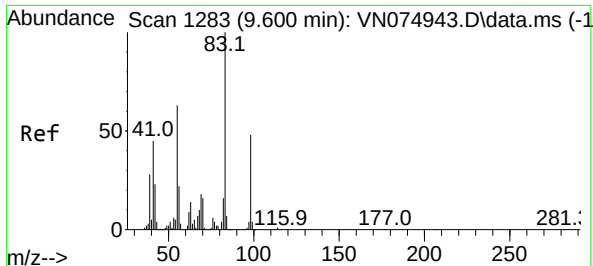
Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

192 16.6 13.3 19.9





#39

Methylcyclohexane

Concen: 10.421 ug/l

RT: 9.600 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN074961.D

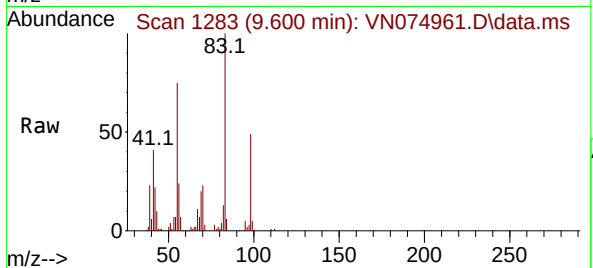
Acq: 21 Oct 2022 14:59

Instrument :

MSVOA_N

ClientSampleId :

MW-3



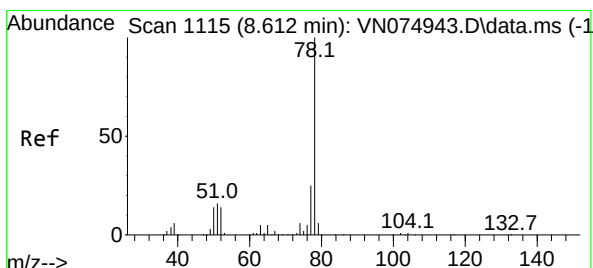
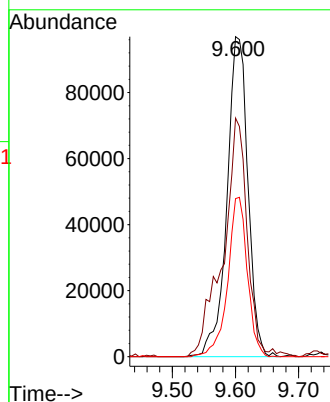
Tgt Ion:	83	Resp:	22345
Ion Ratio	Lower	Upper	
83	100		
55	74.5	50.8	76.2
98	49.4	38.8	58.2

Manual Integrations

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Supervised By :Mahesh Dadoda 11/04/2022



#40

Benzene

Concen: 12.914 ug/l

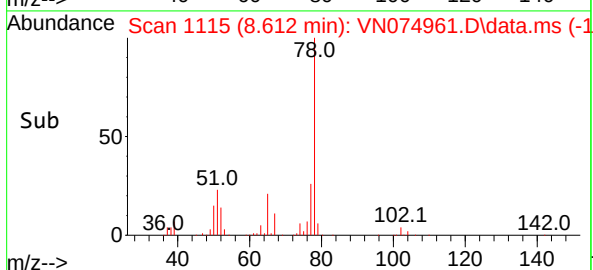
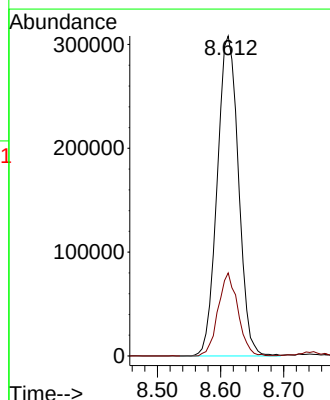
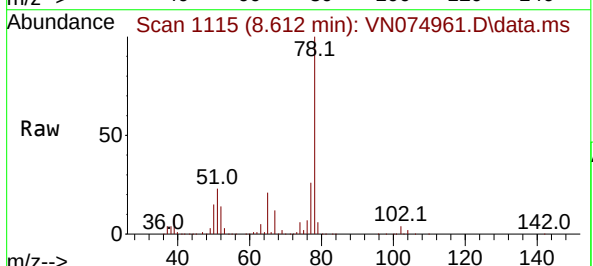
RT: 8.612 min Scan# 1115

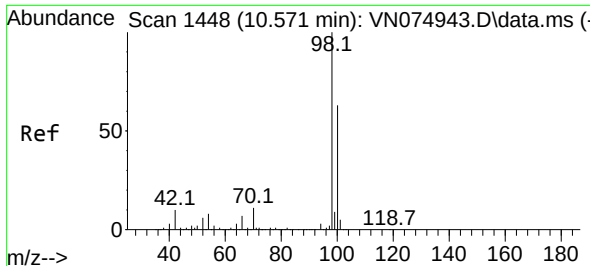
Delta R.T. 0.000 min

Lab File: VN074961.D

Acq: 21 Oct 2022 14:59

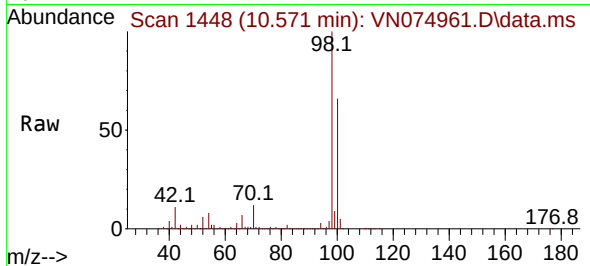
Tgt Ion:	78	Resp:	720542
Ion Ratio	Lower	Upper	
78	100		
77	25.9	19.6	29.4





#50
Toluene-d8
Concen: 47.645 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN074961.D
Acq: 21 Oct 2022 14:59

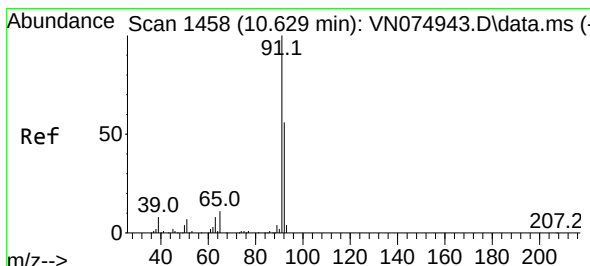
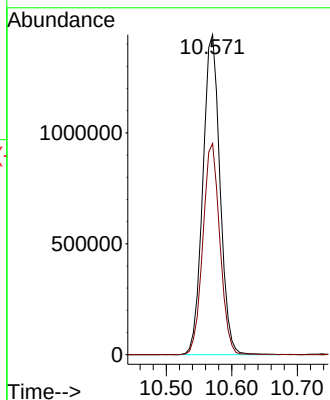
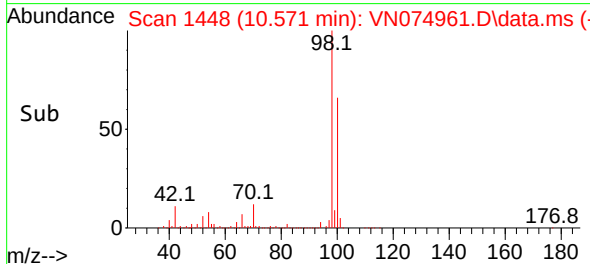
Instrument :
MSVOA_N
ClientSampleId :
MW-3



Tgt Ion: 98 Resp: 2627024
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.2

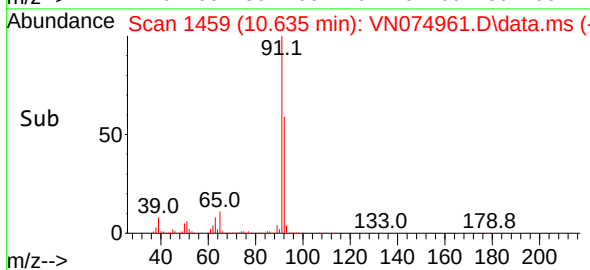
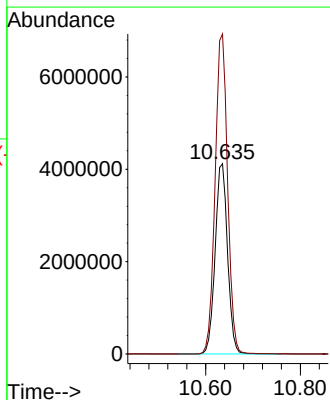
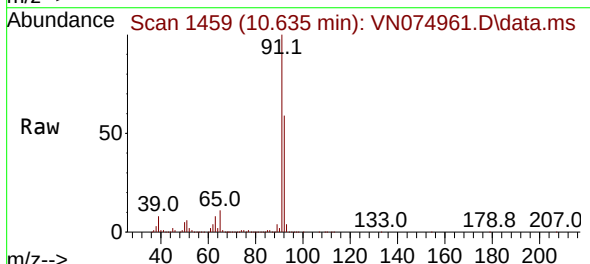
Manual Integrations
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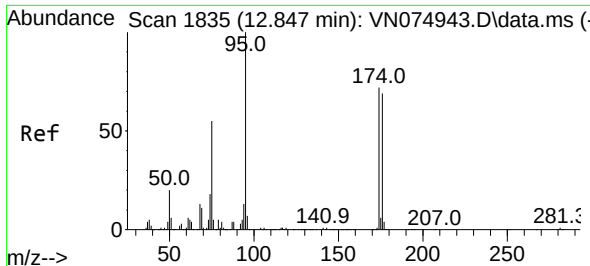
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#52
Toluene
Concen: 205.408 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN074961.D
Acq: 21 Oct 2022 14:59

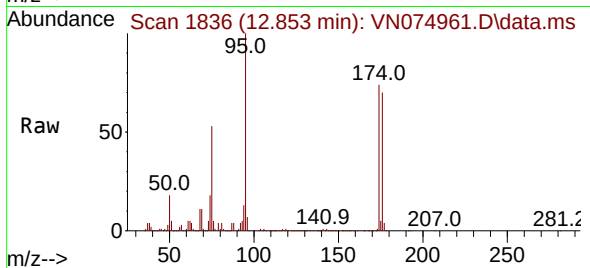
Tgt Ion: 92 Resp: 7478447
Ion Ratio Lower Upper
92 100
91 169.4 139.2 208.8





#62
4-Bromofluorobenzene
Concen: 61.232 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN074961.D
Acq: 21 Oct 2022 14:59

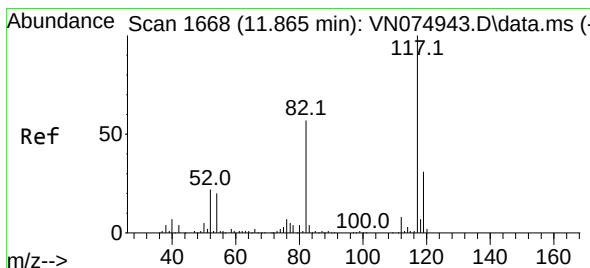
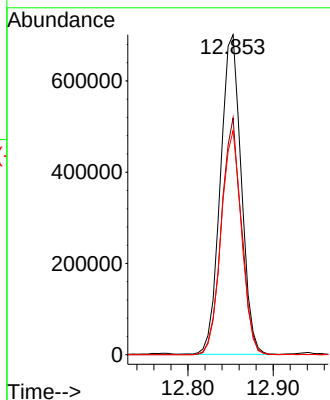
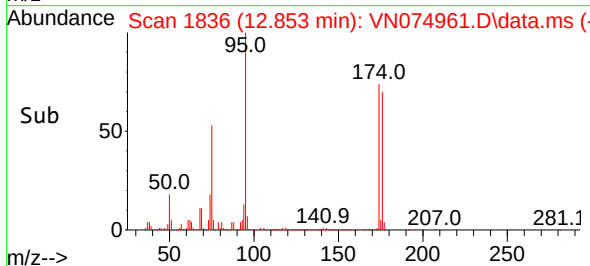
Instrument :
MSVOA_N
ClientSampleId :
MW-3



Tgt Ion: 95 Resp: 1190902
Ion Ratio Lower Upper
95 100
174 70.7 0.0 143.0
176 68.9 0.0 138.2

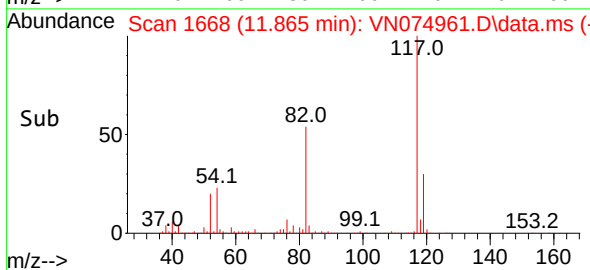
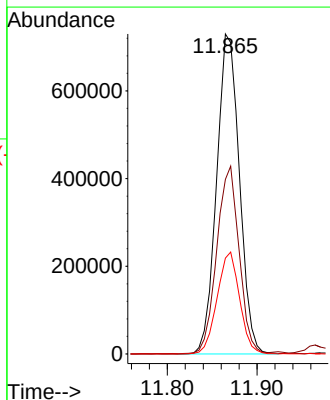
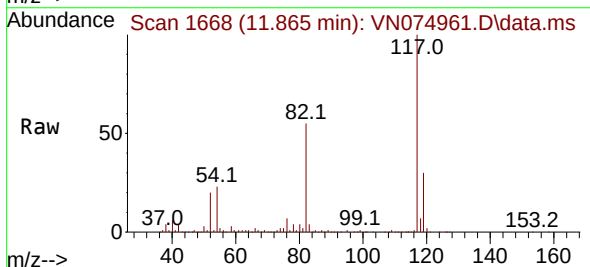
Manual Integrations
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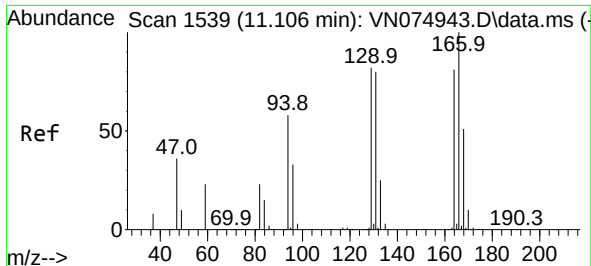
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN074961.D
Acq: 21 Oct 2022 14:59

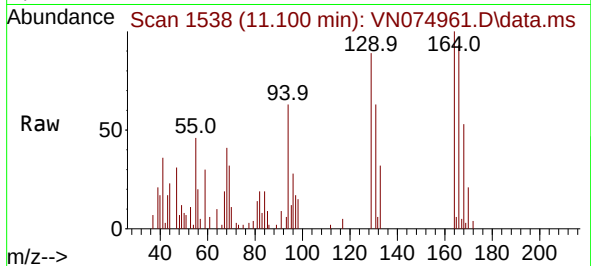
Tgt Ion:117 Resp: 1289152
Ion Ratio Lower Upper
117 100
82 54.5 45.6 68.4
119 30.0 25.1 37.7





#64
Tetrachloroethene
Concen: 1.119 ug/l
RT: 11.100 min Scan# 1538
Delta R.T. -0.006 min
Lab File: VN074961.D
Acq: 21 Oct 2022 14:59

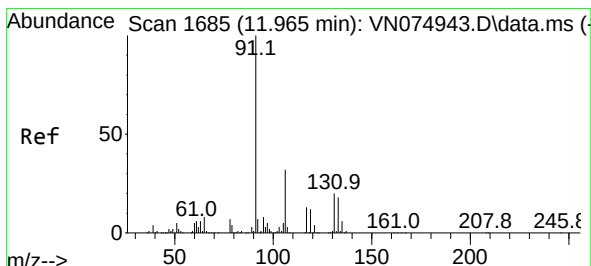
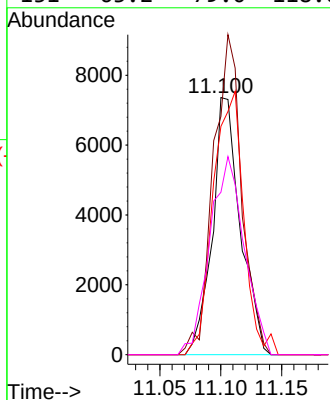
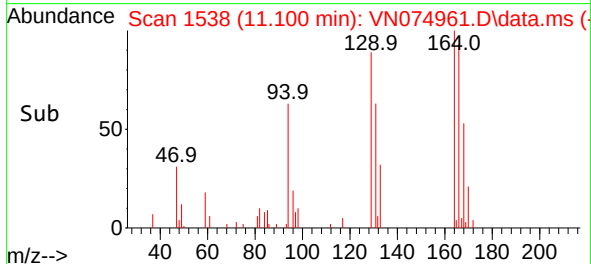
Instrument :
MSVOA_N
ClientSampleId :
MW-3



Tgt Ion:164 Resp: 1179
Ion Ratio Lower Upper
164 100
166 92.7 98.6 148.0
129 88.8 81.2 121.8
131 63.2 79.0 118.6#

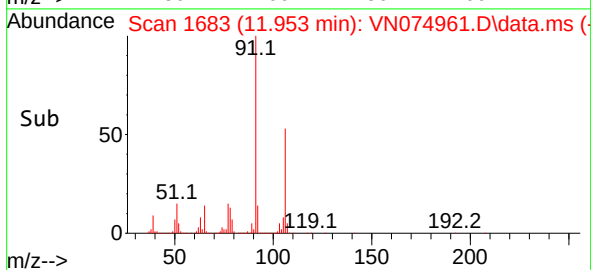
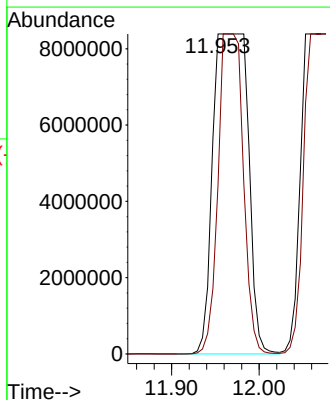
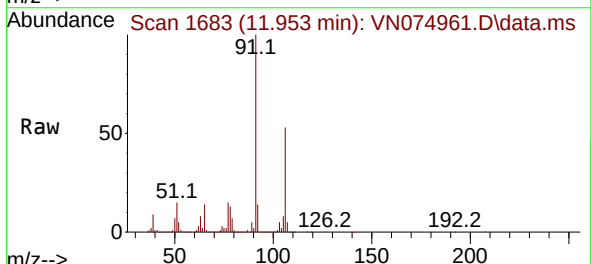
Manual Integrations
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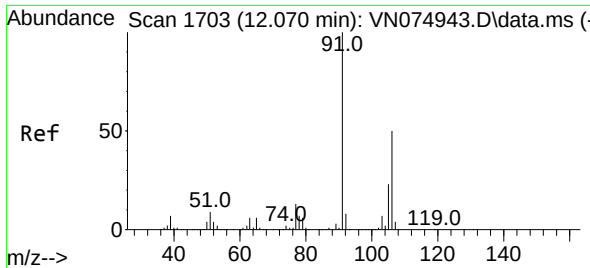
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#67
Ethyl Benzene
Concen: 337.972 ug/l m
RT: 11.953 min Scan# 1683
Delta R.T. -0.012 min
Lab File: VN074961.D
Acq: 21 Oct 2022 14:59

Tgt Ion: 91 Resp:23391043
Ion Ratio Lower Upper
91 100
106 52.9 25.4 38.2#





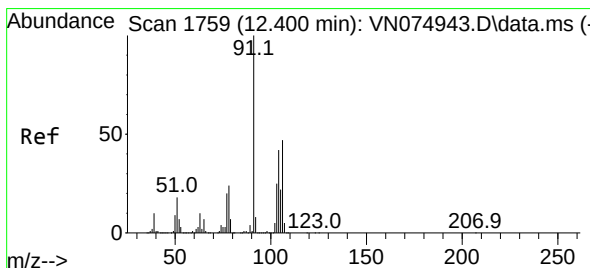
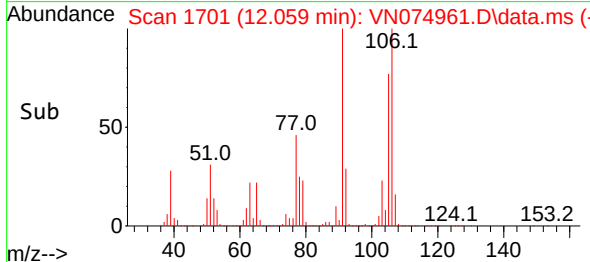
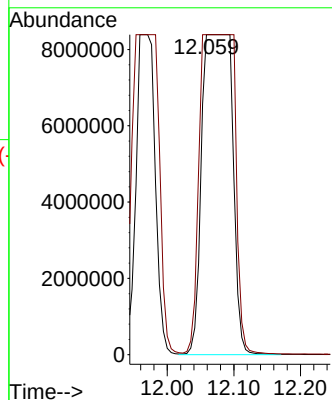
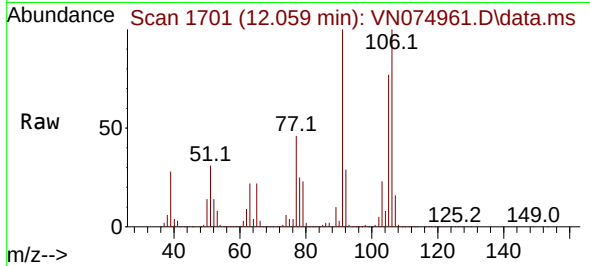
#68
m/p-Xylenes
Concen: 988.677 ug/l m
RT: 12.059 min Scan# 1701
Delta R.T. -0.012 min
Lab File: VN074961.D
Acq: 21 Oct 2022 14:59

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tgt Ion:106 Resp:2668034
Ion Ratio Lower Upper
106 100
91 0.0 159.7 239.5

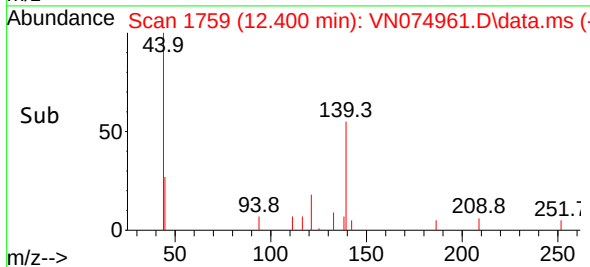
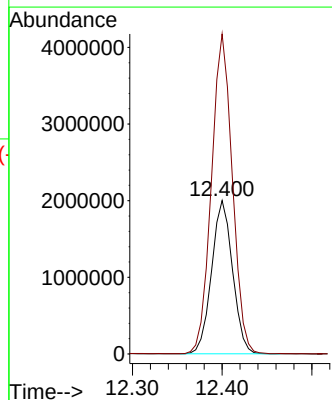
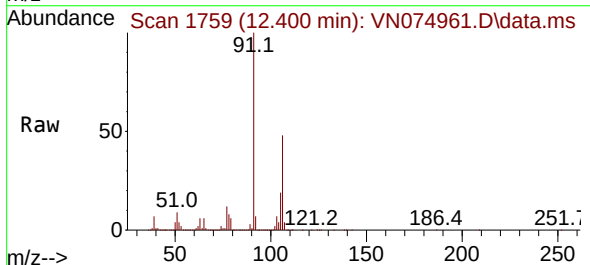
Manual Integrations
APPROVED

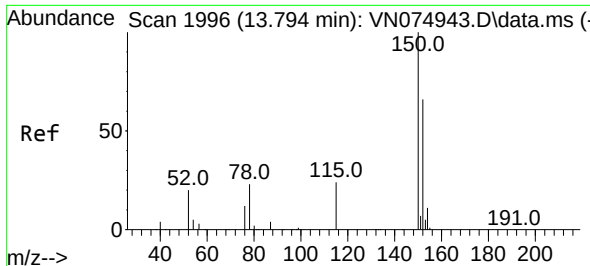
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#69
o-Xylene
Concen: 120.015 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074961.D
Acq: 21 Oct 2022 14:59

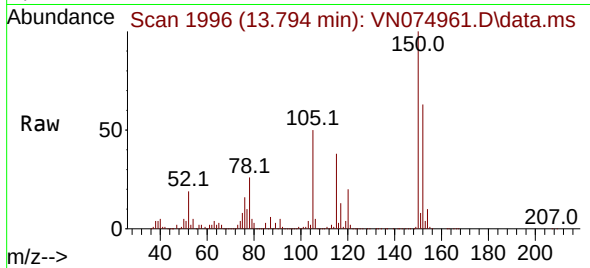
Tgt Ion:106 Resp: 3244340
Ion Ratio Lower Upper
106 100
91 207.7 103.6 310.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN074961.D
Acq: 21 Oct 2022 14:59

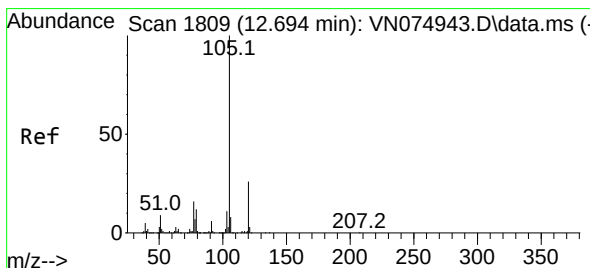
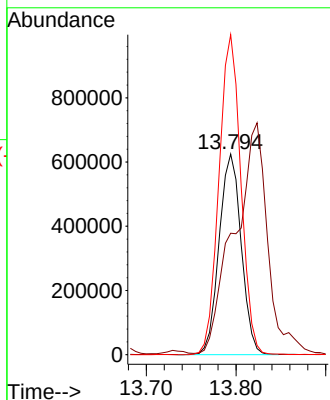
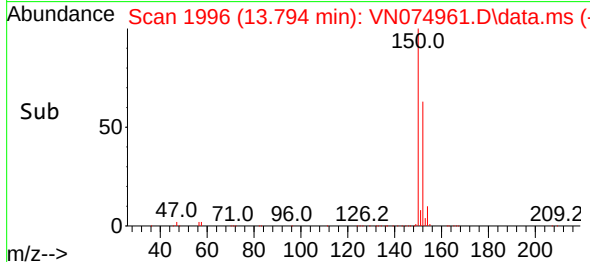
Instrument :
MSVOA_N
ClientSampleId :
MW-3



Tgt Ion:152 Resp: 1067120
Ion Ratio Lower Upper
152 100
115 0.0 31.3 93.8
150 157.8 0.0 349.6

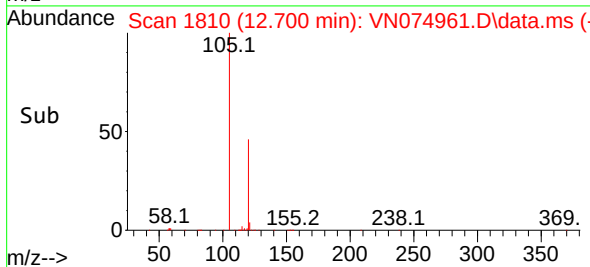
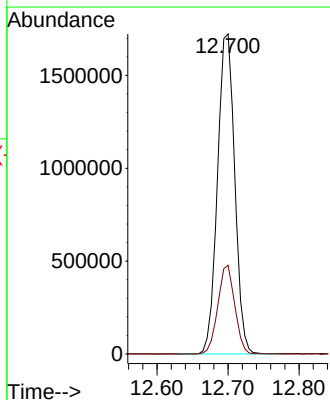
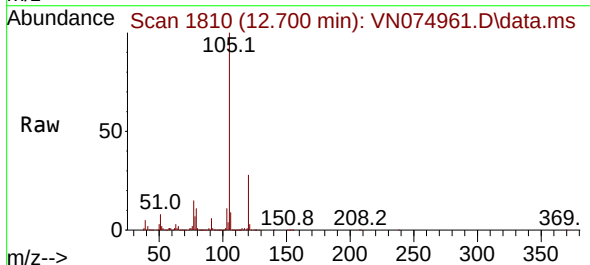
Manual Integrations
APPROVED

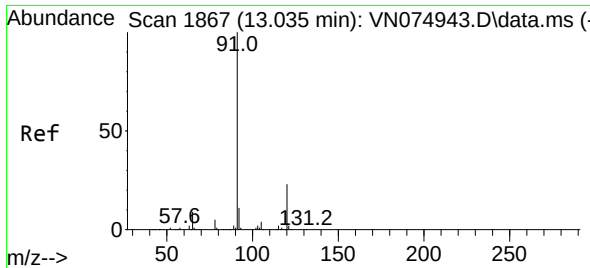
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#73
Isopropylbenzene
Concen: 33.247 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN074961.D
Acq: 21 Oct 2022 14:59

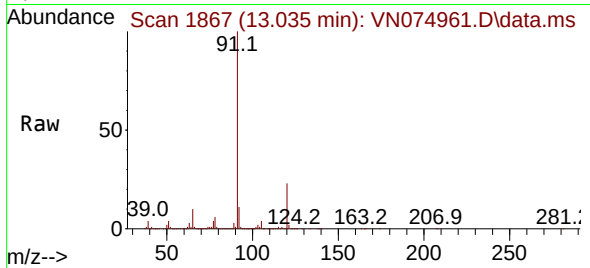
Tgt Ion:105 Resp: 2897941
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4





#78
n-propylbenzene
Concen: 73.216 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN074961.D
Acq: 21 Oct 2022 14:59

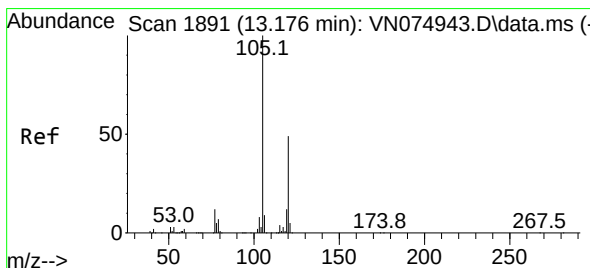
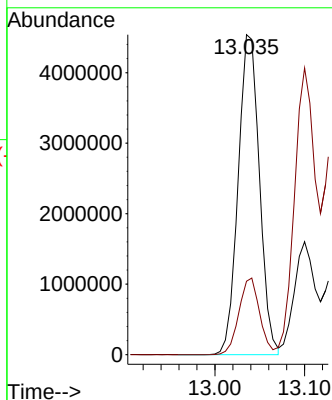
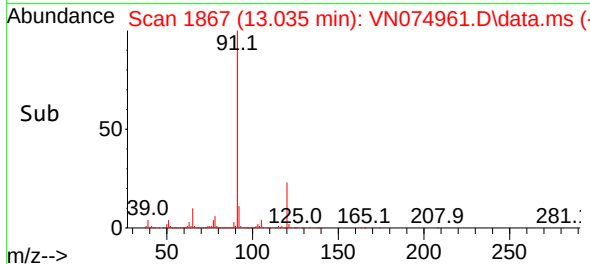
Instrument :
MSVOA_N
ClientSampleId :
MW-3



Tgt Ion: 91 Resp: 7468979
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4

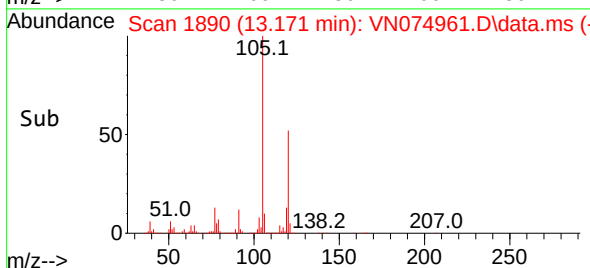
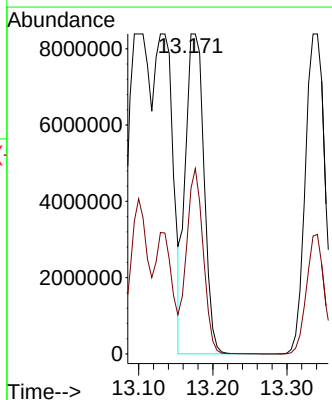
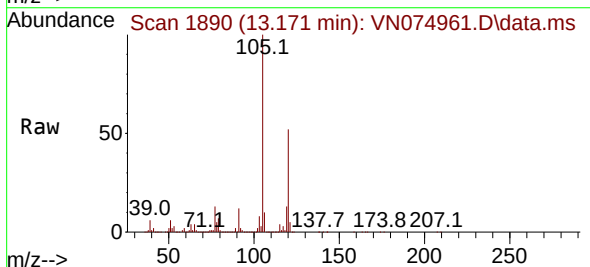
Manual Integrations
APPROVED

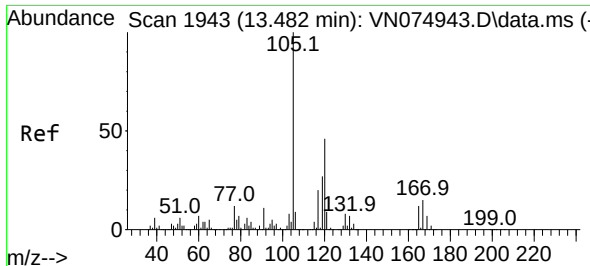
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#80
1,3,5-Trimethylbenzene
Concen: 194.081 ug/l
RT: 13.171 min Scan# 1890
Delta R.T. -0.006 min
Lab File: VN074961.D
Acq: 21 Oct 2022 14:59

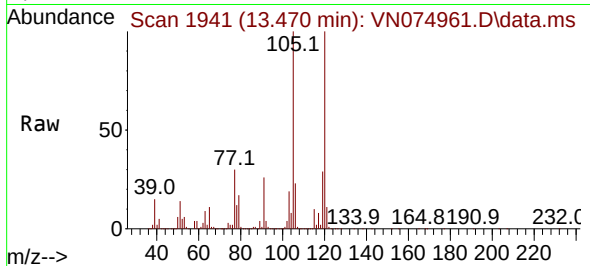
Tgt Ion:105 Resp:14612426
Ion Ratio Lower Upper
105 100
120 52.0 24.3 72.9





#84
1,2,4-Trimethylbenzene
Concen: 338.480 ug/l m
RT: 13.470 min Scan# 1943
Delta R.T. -0.012 min
Lab File: VN074961.D
Acq: 21 Oct 2022 14:59

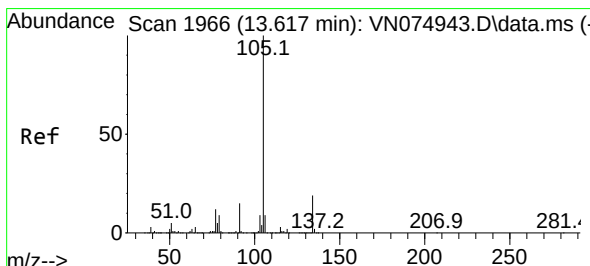
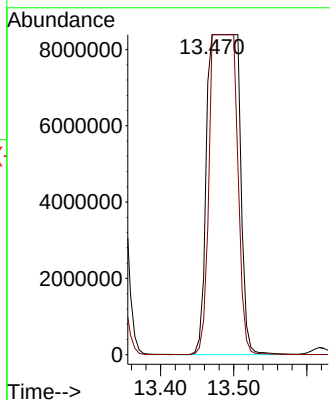
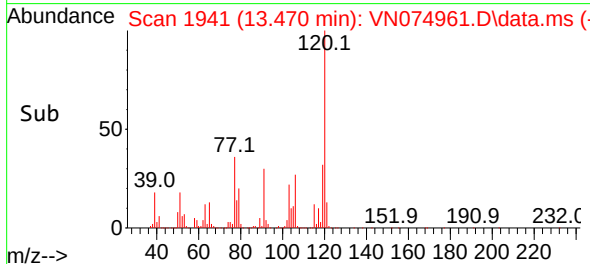
Instrument :
MSVOA_N
ClientSampleId :
MW-3



Tgt Ion:105 Resp:2573980
Ion Ratio Lower Upper
105 100
120 20.2 22.9 68.5

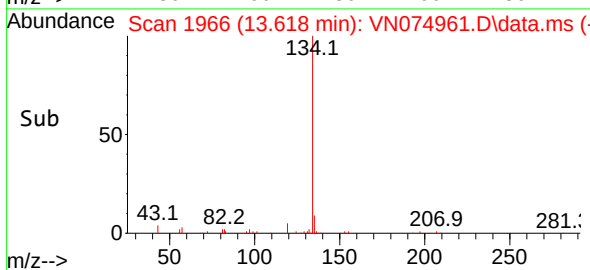
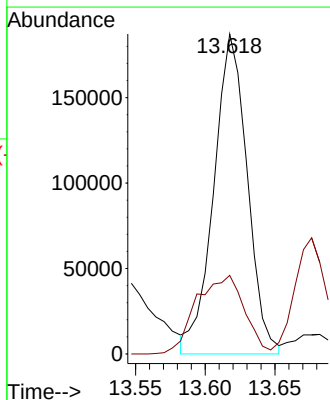
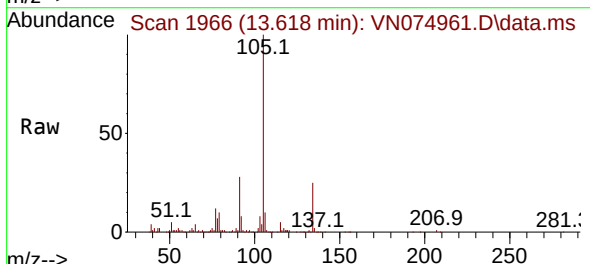
Manual Integrations
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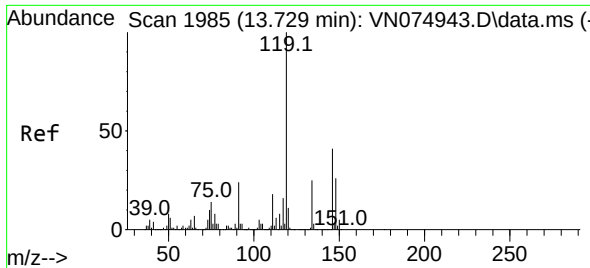
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#85
sec-Butylbenzene
Concen: 3.343 ug/l m
RT: 13.618 min Scan# 1966
Delta R.T. 0.000 min
Lab File: VN074961.D
Acq: 21 Oct 2022 14:59

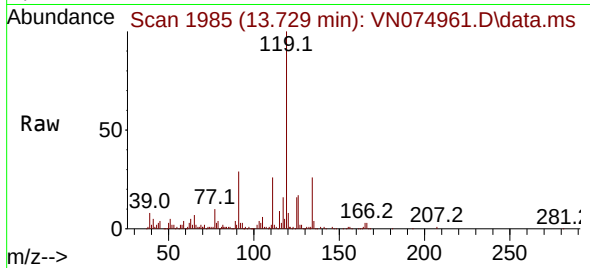
Tgt Ion:105 Resp: 312710
Ion Ratio Lower Upper
105 100
134 0.0 9.7 29.1#





#86
p-Isopropyltoluene
Concen: 3.020 ug/l m
RT: 13.729 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN074961.D
Acq: 21 Oct 2022 14:59

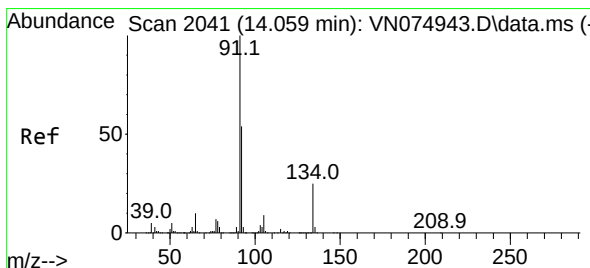
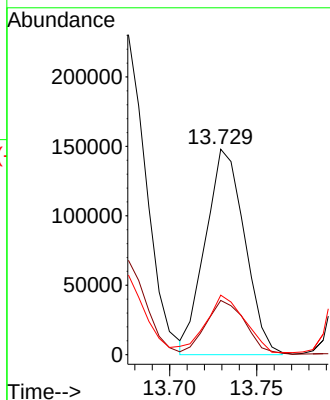
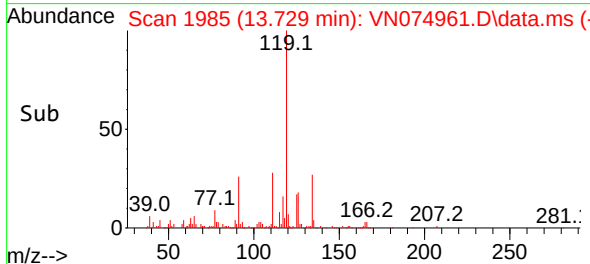
Instrument :
MSVOA_N
ClientSampleId :
MW-3



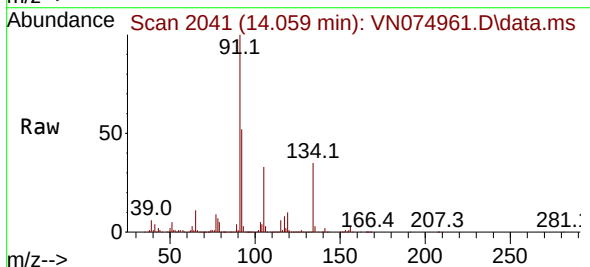
Tgt Ion: 119 Resp: 232668
Ion Ratio Lower Upper
119 100
134 0.0 12.9 38.7#
91 1240.0 11.9 35.1#

Manual Integrations
APPROVED

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



#89
n-Butylbenzene
Concen: 5.721 ug/l m
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN074961.D
Acq: 21 Oct 2022 14:59



Tgt Ion: 91 Resp: 376366
Ion Ratio Lower Upper
91 100
92 134.6 26.3 78.9#
134 0.0 12.6 37.6#

