

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091922\
 Data File : VN074583.D
 Acq On : 19 Sep 2022 14:01
 Operator : JC\MD
 Sample : N4526-03 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 INF-0907

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 20 04:19:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	261567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	507618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	502272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	230148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	208030	46.874	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.740%		
35) Dibromofluoromethane	7.951	113	167264	49.604	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.200%		
50) Toluene-d8	10.381	98	623421	47.805	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.620%		
62) 4-Bromofluorobenzene	12.674	95	244080	54.648	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.300%		
Target Compounds						
					Qvalue	
25) 2-Butanone	7.251	43	9545m	2.024	ug/l	
31) Cyclohexane	8.022	56	36291	4.607	ug/l #	84
39) Methylcyclohexane	9.392	83	12490	1.760	ug/l	86
40) Benzene	8.392	78	650941	35.269	ug/l	97
52) Toluene	10.451	92	78842	7.285	ug/l	99
64) Tetrachloroethene	10.910	164	1073	0.311	ug/l #	70
67) Ethyl Benzene	11.786	91	352331	15.219	ug/l	94
68) m/p-Xylenes	11.892	106	326301	38.122	ug/l	94
69) o-Xylene	12.222	106	17478	2.003	ug/l	94
73) Isopropylbenzene	12.522	105	44093	1.871	ug/l	98
78) n-propylbenzene	12.863	91	100689	3.587	ug/l	91
80) 1,3,5-Trimethylbenzene	13.004	105	67021	3.489	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	259363	13.416	ug/l	100
95) Naphthalene	15.439	128	79244	5.484	ug/l	98

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

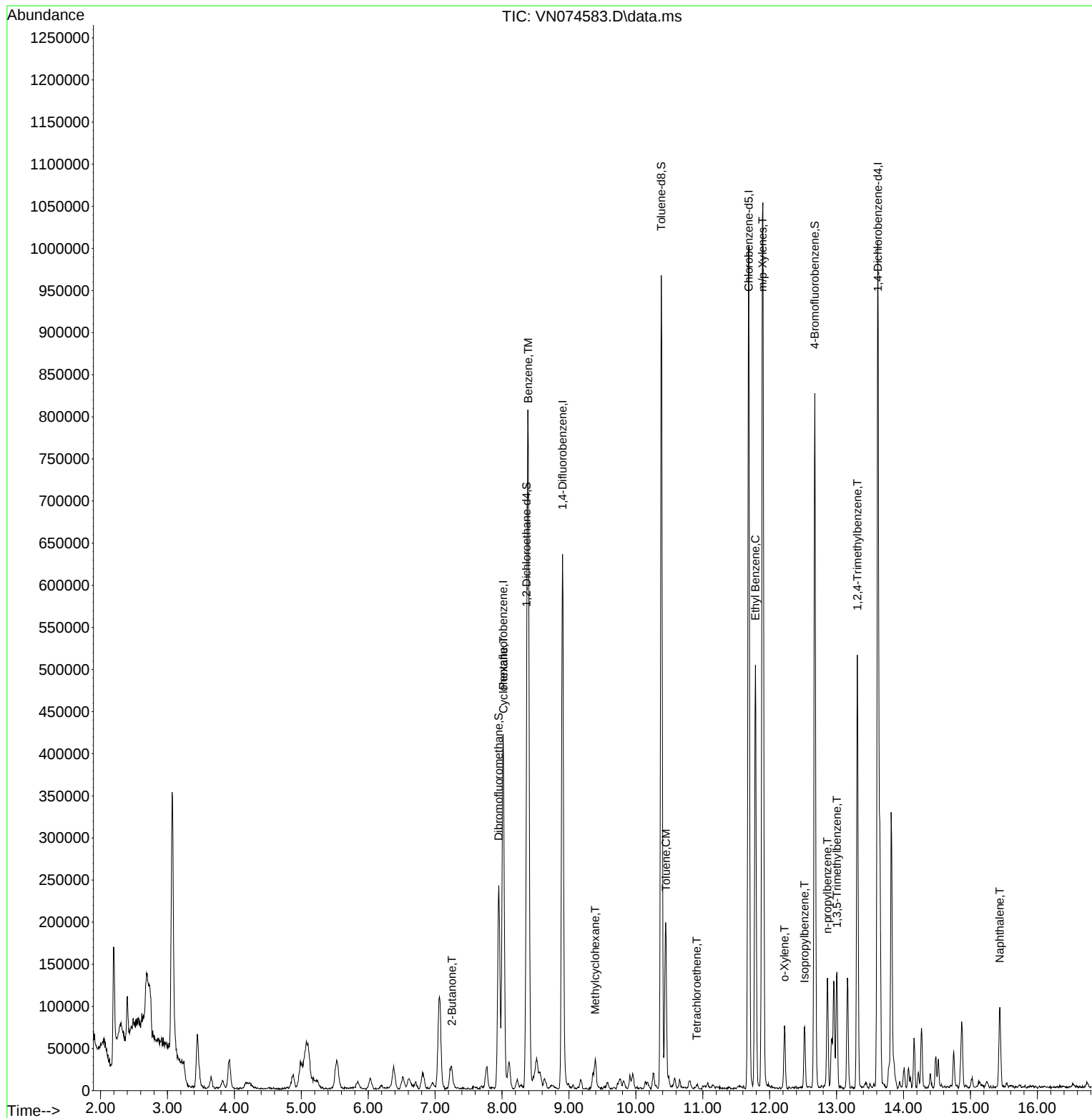
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091922\
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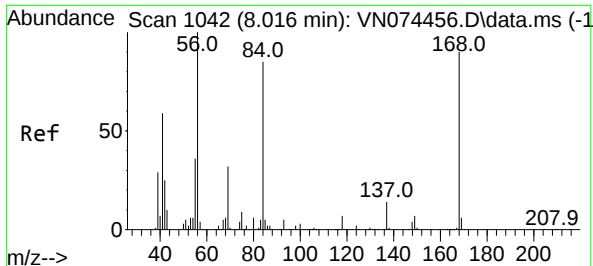
Instrument :
MSVOA_N
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Quant Time: Sep 20 04:19:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
Quant Title : SW846 8260
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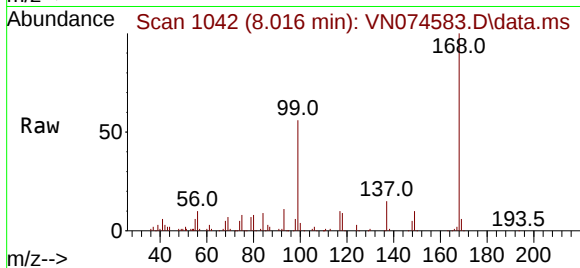
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074583.D
Acq: 19 Sep 2022 14:01

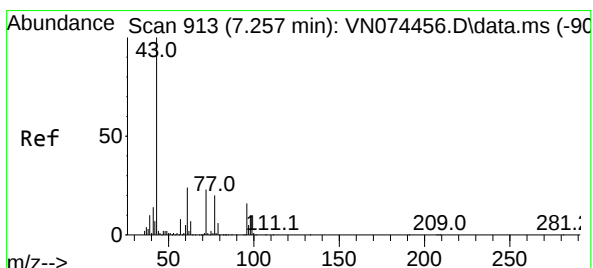
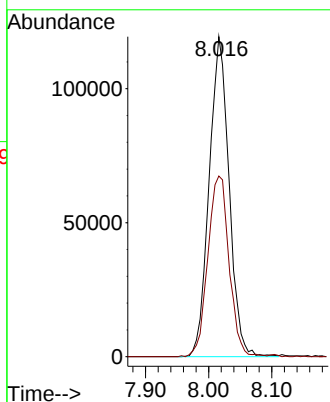
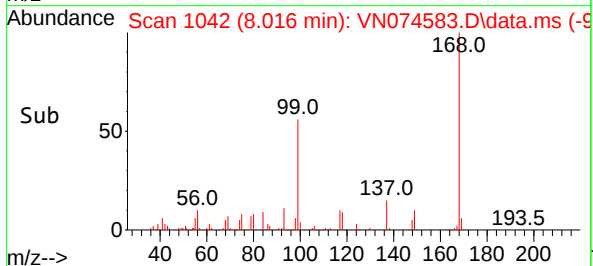
Instrument :
MSVOA_N
ClientSampleId :
INF-0907



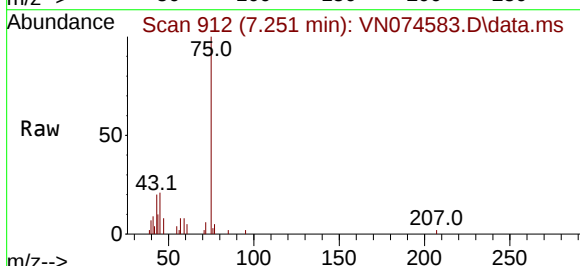
Tgt Ion: 168 Resp: 26156
Ion Ratio Lower Upper
168 100
99 56.5 42.3 63.5

Manual Integrations
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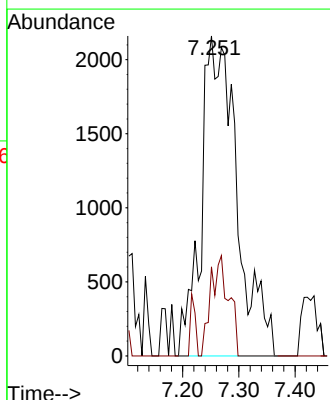
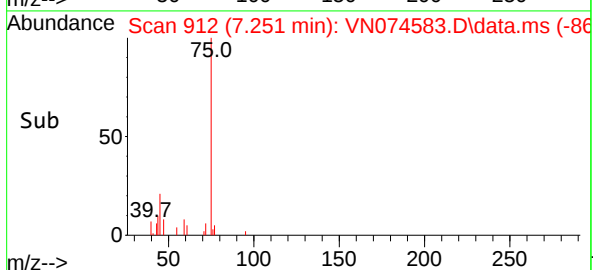
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

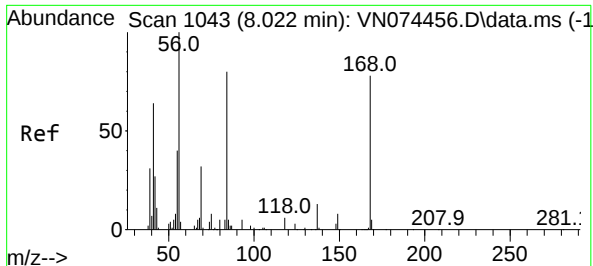


#25
2-Butanone
Concen: 2.024 ug/l m
RT: 7.251 min Scan# 912
Delta R.T. -0.006 min
Lab File: VN074583.D
Acq: 19 Sep 2022 14:01



Tgt Ion: 43 Resp: 9545
Ion Ratio Lower Upper
43 100
72 27.8 23.7 35.5





#31

Cyclohexane

Concen: 4.607 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN074583.D

Acq: 19 Sep 2022 14:01

Instrument :

MSVOA_N

ClientSampleId :

INF-0907

Tgt Ion: 56 Resp: 3629

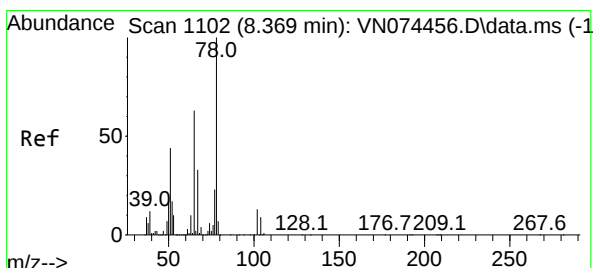
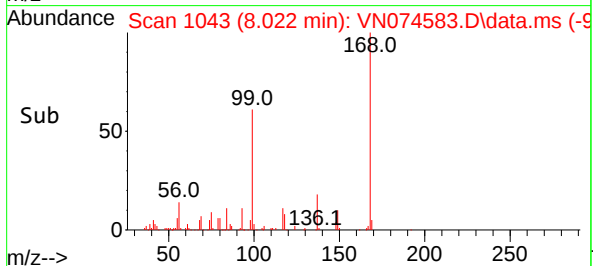
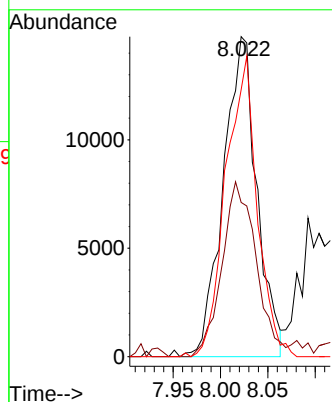
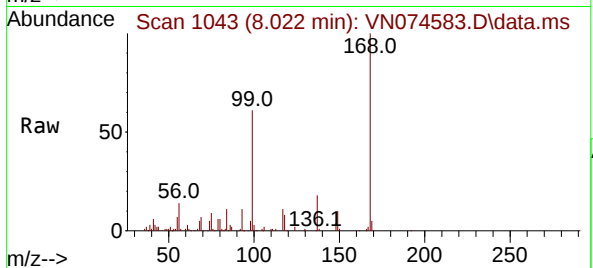
Ion	Ratio	Lower	Upper
56	100		
69	48.2	27.8	41.8
84	83.4	76.9	115.3

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#33

1,2-Dichloroethane-d4

Concen: 46.874 ug/l

RT: 8.369 min Scan# 1102

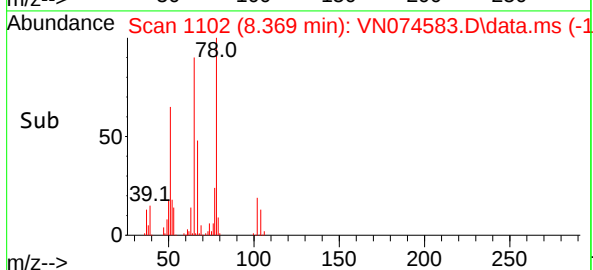
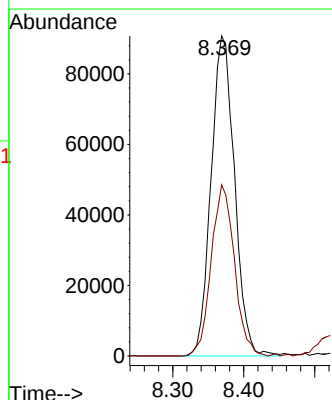
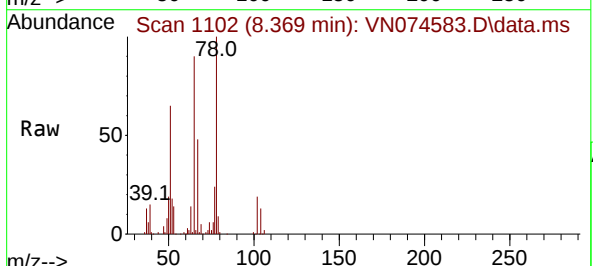
Delta R.T. -0.000 min

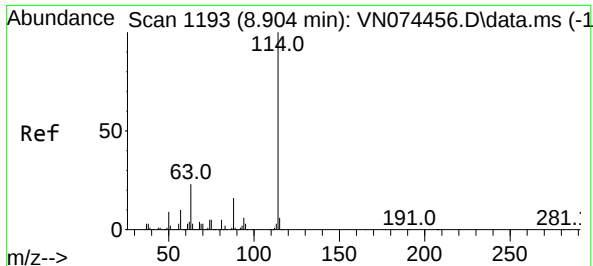
Lab File: VN074583.D

Acq: 19 Sep 2022 14:01

Tgt Ion: 65 Resp: 208030

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074583.D

Acq: 19 Sep 2022 14:01

Instrument :

MSVOA_N

ClientSampleId :

INF-0907

Tgt Ion:114 Resp: 507618

Ion Ratio Lower Upper

114 100

63 23.6 0.0 40.0

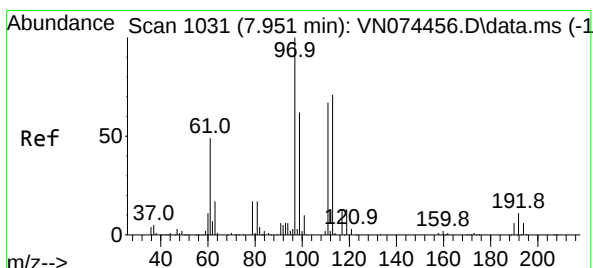
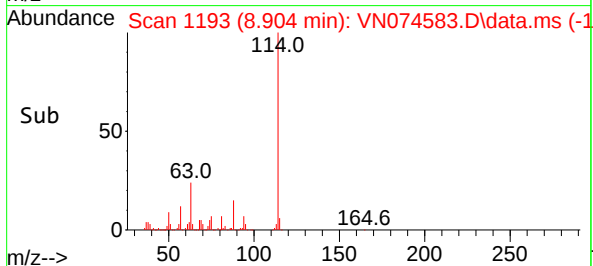
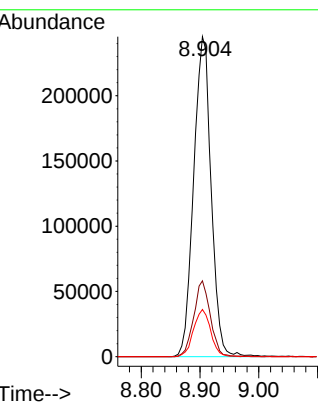
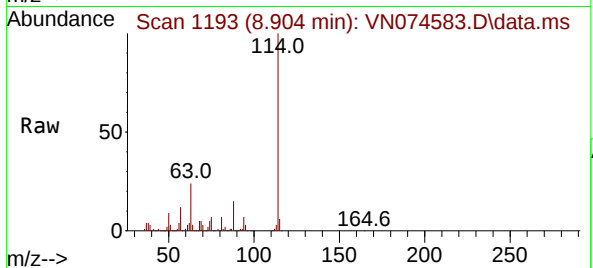
88 14.8 0.0 32.6

Manual Integrations

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Supervised By :Mahesh Dadoda 09/21/2022



#35

Dibromofluoromethane

Concen: 49.604 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074583.D

Acq: 19 Sep 2022 14:01

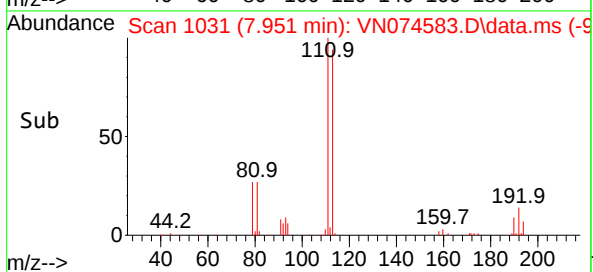
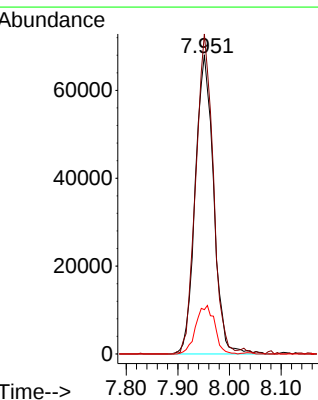
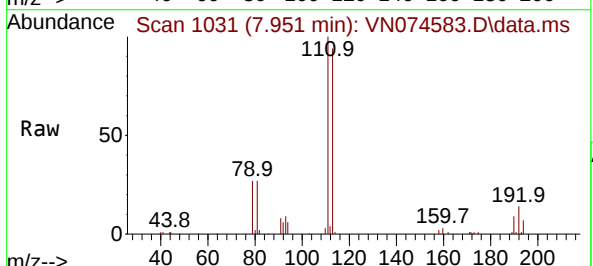
Tgt Ion:113 Resp: 167264

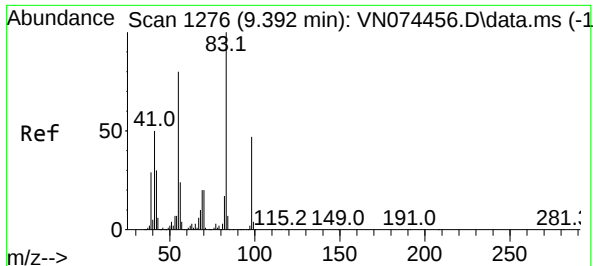
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 16.8 17.0 25.6#





#39

Methylcyclohexane

Concen: 1.760 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN074583.D

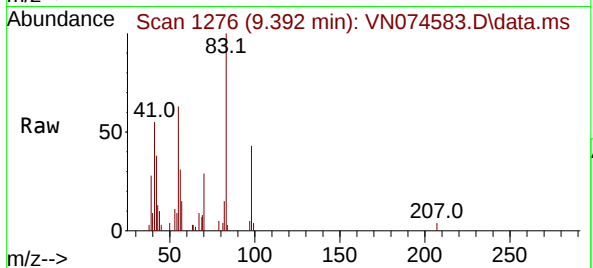
Acq: 19 Sep 2022 14:01

Instrument :

MSVOA_N

ClientSampleId :

INF-0907



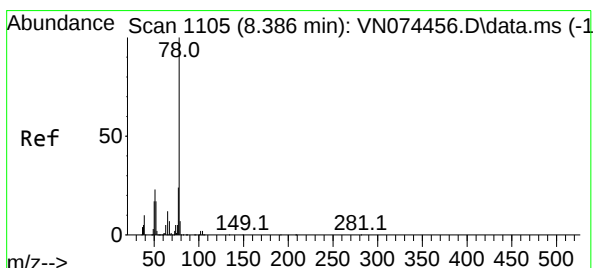
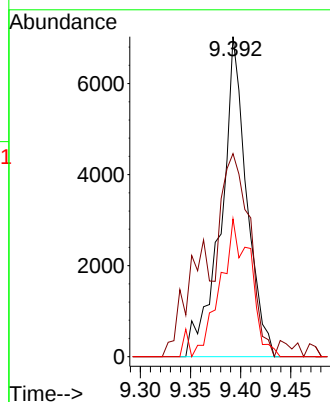
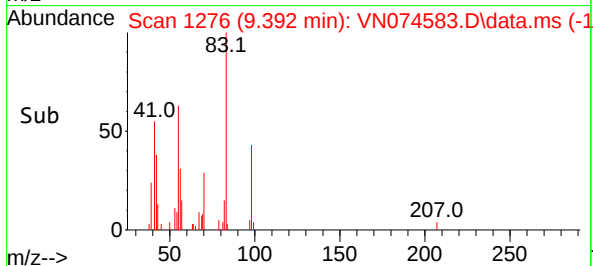
Tgt Ion: 83	Resp: 12490
Ion Ratio	Lower Upper
83	100
55	58.4 57.8 86.8
98	43.0 39.4 59.2

Manual Integrations

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Supervised By :Mahesh Dadoda 09/21/2022



#40

Benzene

Concen: 35.269 ug/l

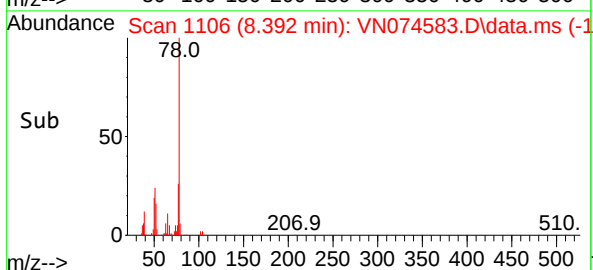
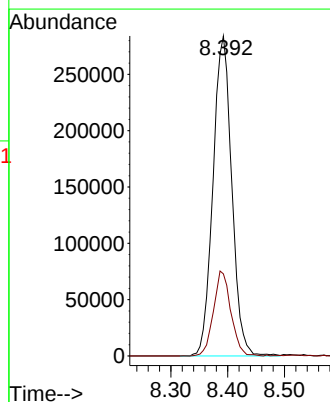
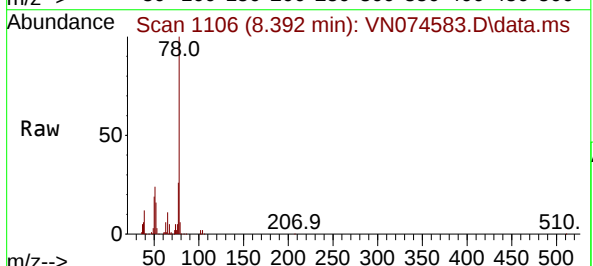
RT: 8.392 min Scan# 1106

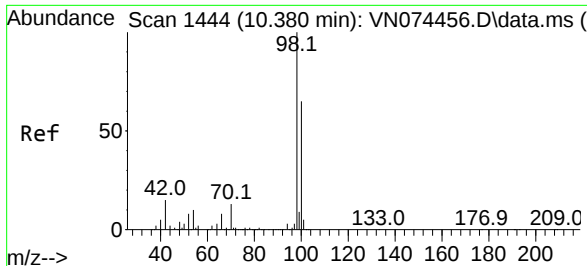
Delta R.T. 0.006 min

Lab File: VN074583.D

Acq: 19 Sep 2022 14:01

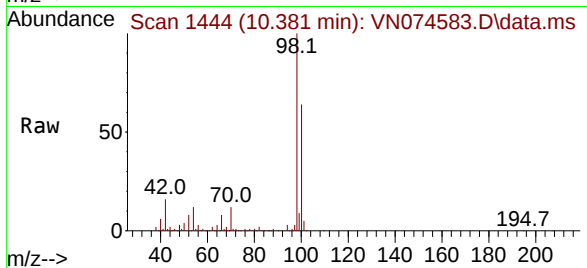
Tgt Ion: 78	Resp: 650941
Ion Ratio	Lower Upper
78	100
77	25.7 19.4 29.0





#50
Toluene-d8
Concen: 47.805 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074583.D
Acq: 19 Sep 2022 14:01

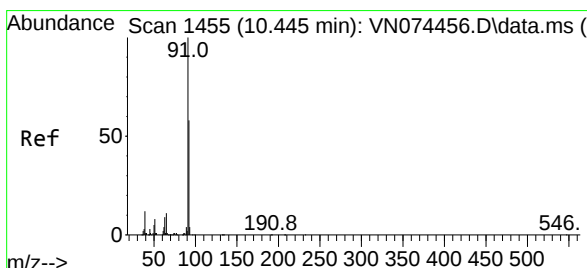
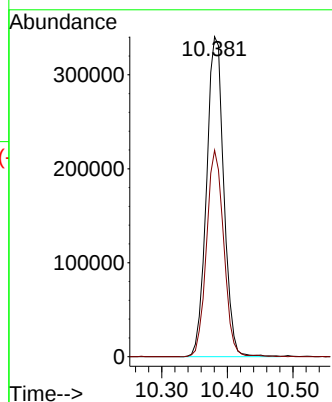
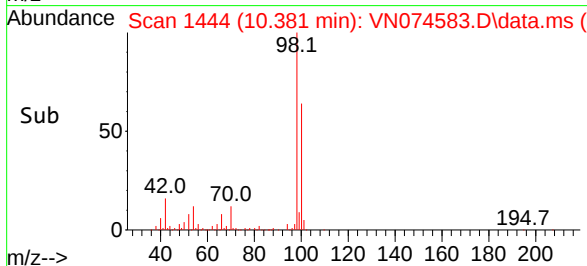
Instrument :
MSVOA_N
ClientSampleId :
INF-0907



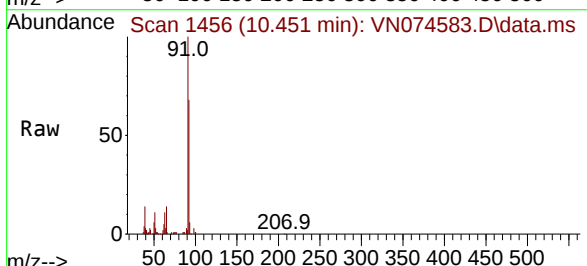
Tgt Ion: 98 Resp: 62342
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8

Manual Integrations
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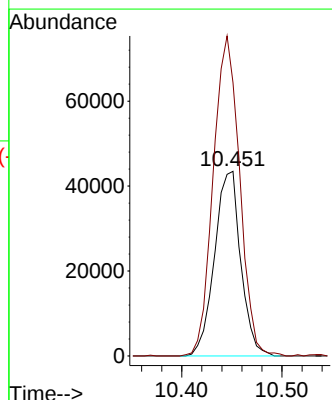
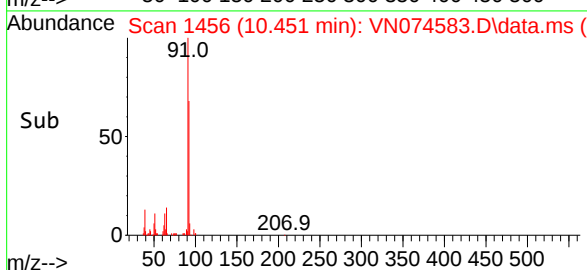
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

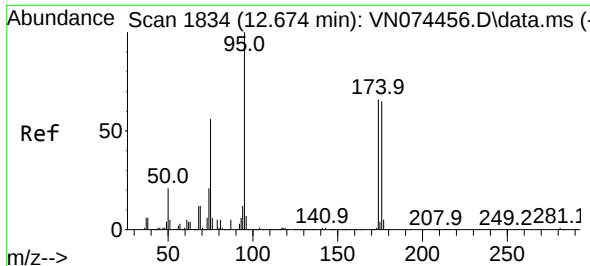


#52
Toluene
Concen: 7.285 ug/l
RT: 10.451 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VN074583.D
Acq: 19 Sep 2022 14:01



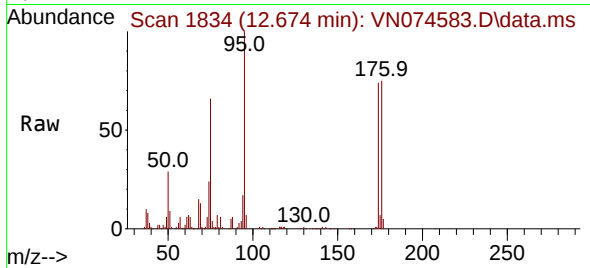
Tgt Ion: 92 Resp: 78842
Ion Ratio Lower Upper
92 100
91 174.8 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 54.648 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074583.D
Acq: 19 Sep 2022 14:01

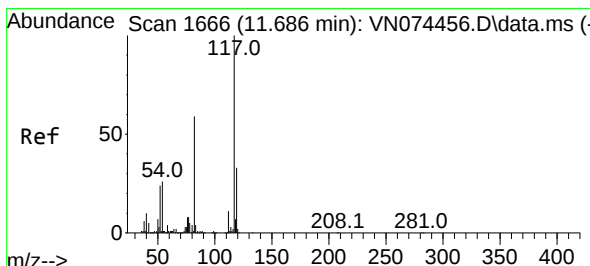
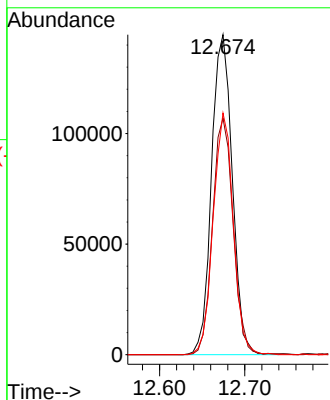
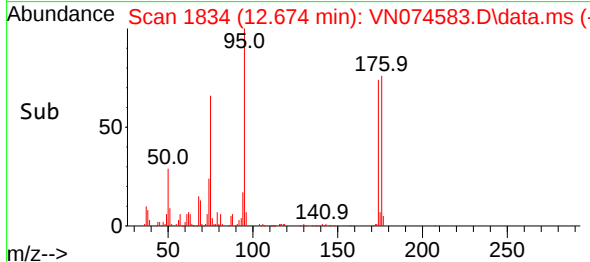
Instrument :
MSVOA_N
ClientSampleId :
INF-0907



Tgt Ion: 95 Resp: 244080
Ion Ratio Lower Upper
95 100
174 73.4 0.0 167.6
176 73.3 0.0 163.4

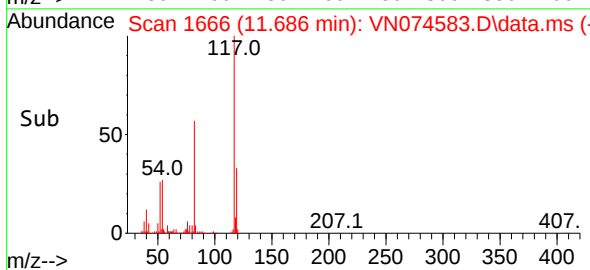
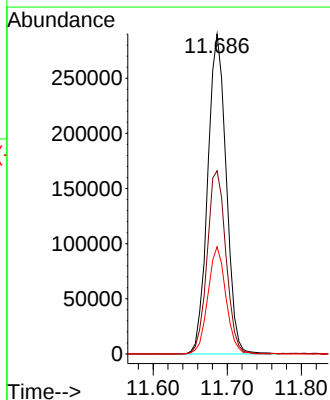
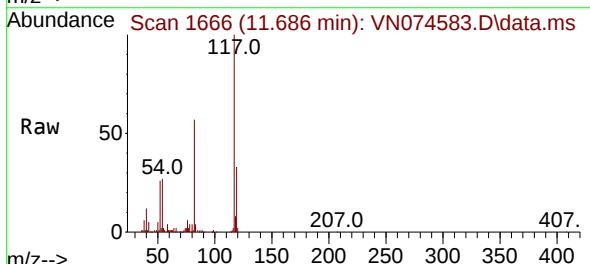
Manual Integrations
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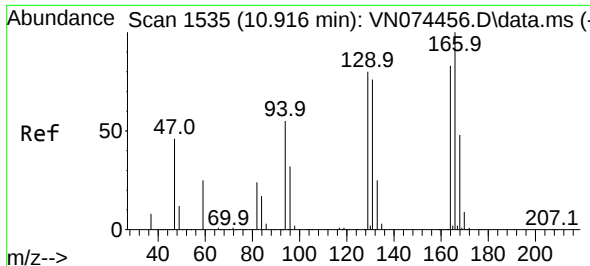
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074583.D
Acq: 19 Sep 2022 14:01

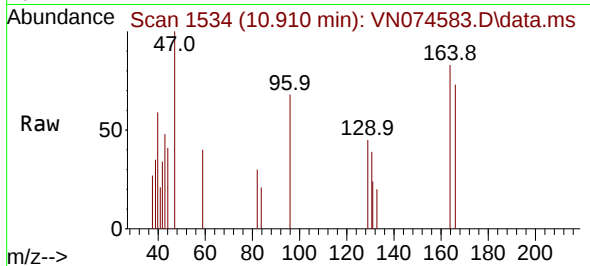
Tgt Ion:117 Resp: 502272
Ion Ratio Lower Upper
117 100
82 57.2 44.2 66.2
119 33.5 25.4 38.0





#64
Tetrachloroethene
Concen: 0.311 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. -0.006 min
Lab File: VN074583.D
Acq: 19 Sep 2022 14:01

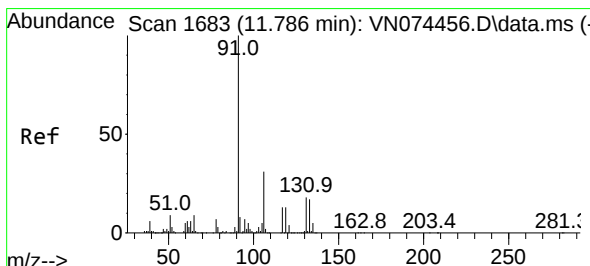
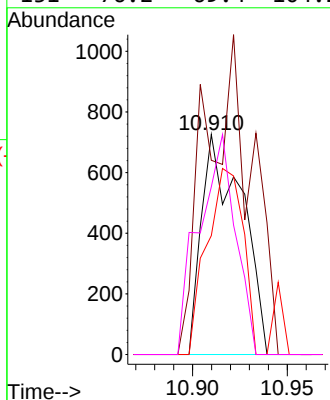
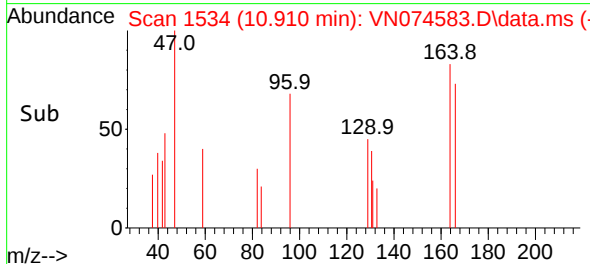
Instrument :
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INF-0907



Tgt Ion:164 Resp: 1073
Ion Ratio Lower Upper
164 100
166 88.3 104.2 156.2
129 54.0 73.9 110.9
131 76.2 69.4 104.2

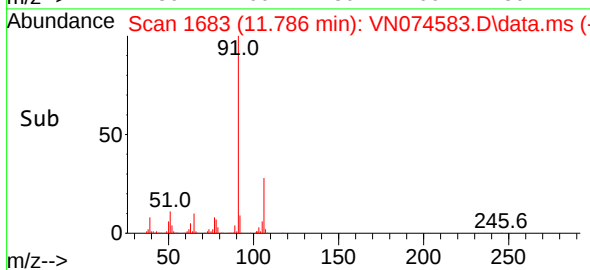
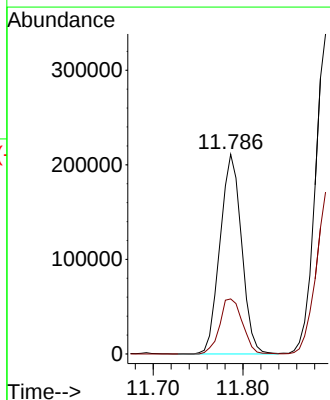
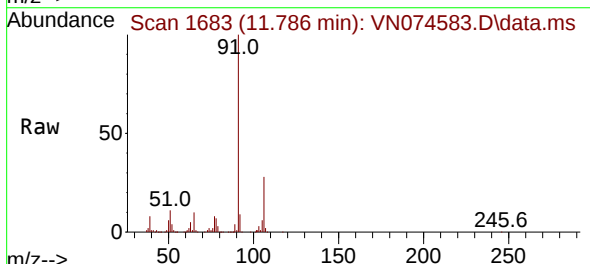
Manual Integrations
APPROVED

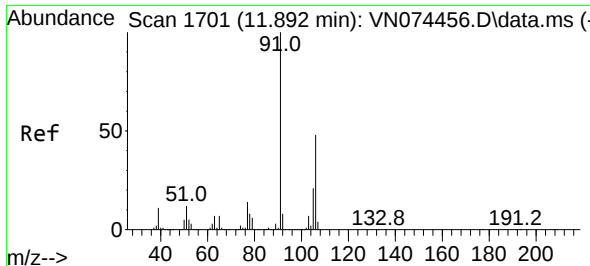
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#67
Ethyl Benzene
Concen: 15.219 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074583.D
Acq: 19 Sep 2022 14:01

Tgt Ion: 91 Resp: 352331
Ion Ratio Lower Upper
91 100
106 27.6 24.9 37.3





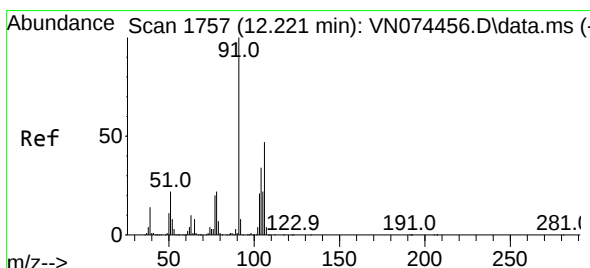
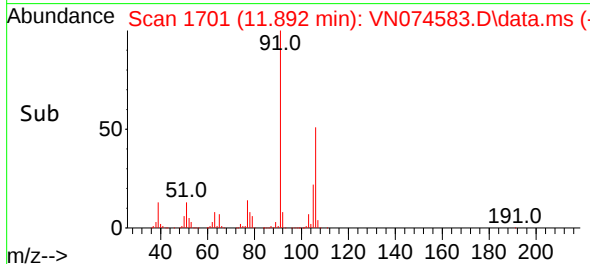
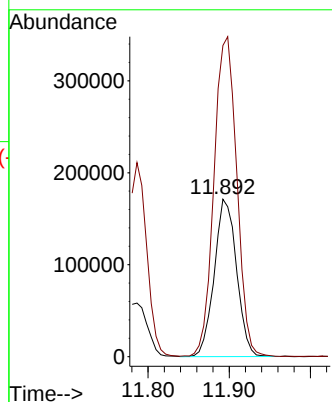
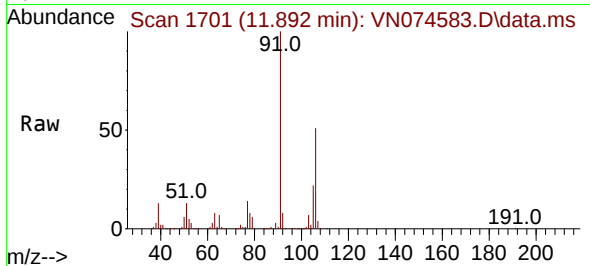
#68
m/p-Xylenes
Concen: 38.122 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074583.D
Acq: 19 Sep 2022 14:01

Instrument :
MSVOA_N
ClientSampleId :
INF-0907

Tgt Ion:106 Resp: 32630
Ion Ratio Lower Upper
106 100
91 208.0 158.9 238.3

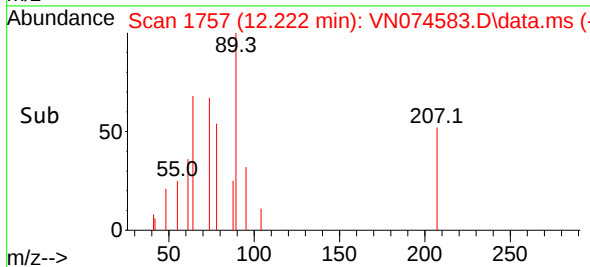
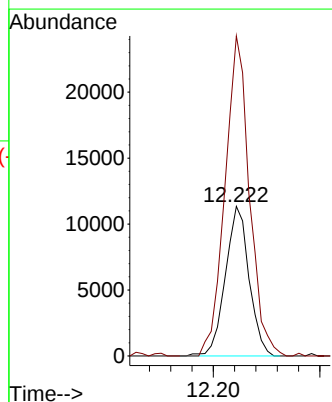
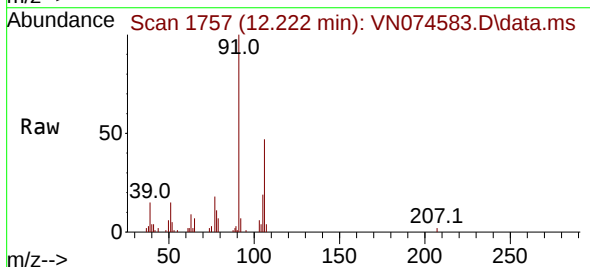
Manual Integrations
APPROVED

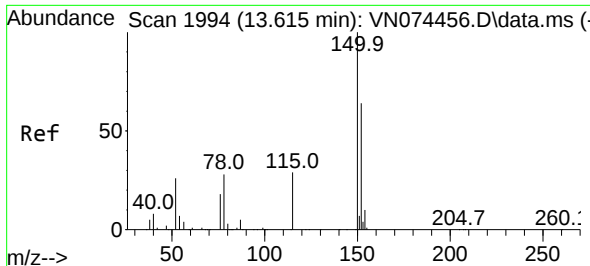
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#69
o-Xylene
Concen: 2.003 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.001 min
Lab File: VN074583.D
Acq: 19 Sep 2022 14:01

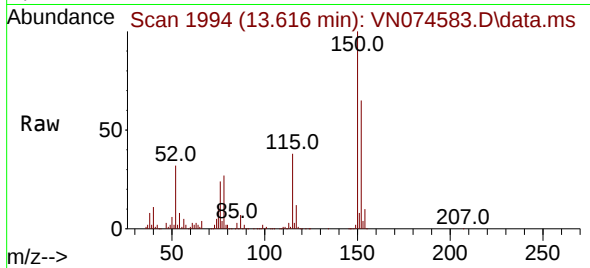
Tgt Ion:106 Resp: 17478
Ion Ratio Lower Upper
106 100
91 221.3 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074583.D
Acq: 19 Sep 2022 14:01

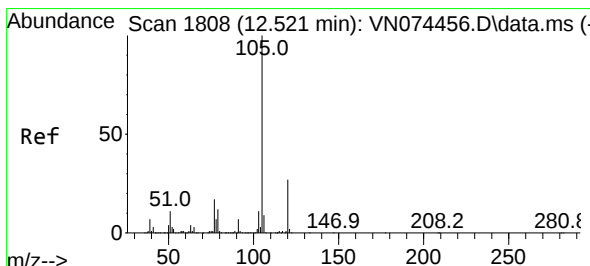
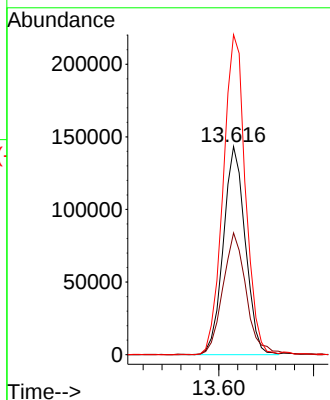
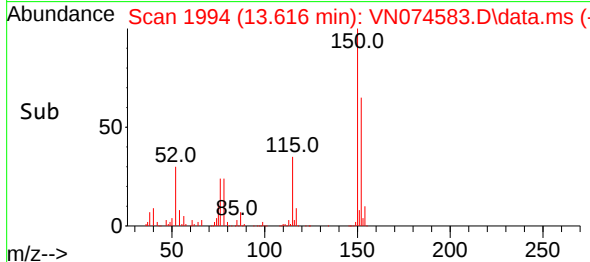
Instrument :
MSVOA_N
ClientSampleId :
INF-0907



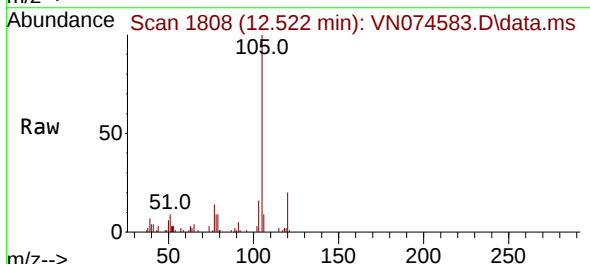
Tgt Ion:152 Resp: 230144
Ion Ratio Lower Upper
152 100
115 62.8 28.9 86.7
150 155.8 0.0 356.2

Manual Integrations
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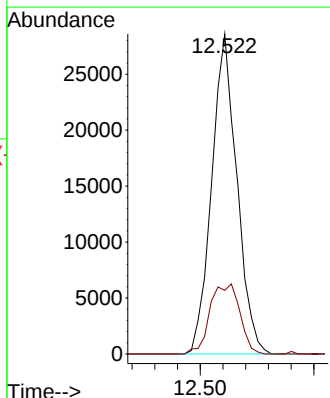
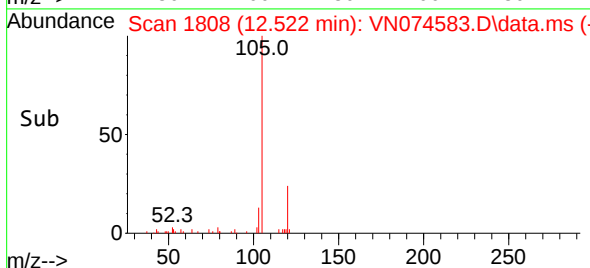
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

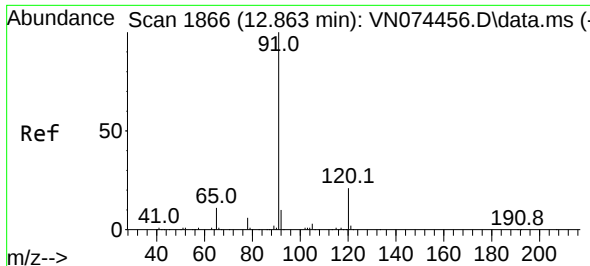


#73
Isopropylbenzene
Concen: 1.871 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.001 min
Lab File: VN074583.D
Acq: 19 Sep 2022 14:01



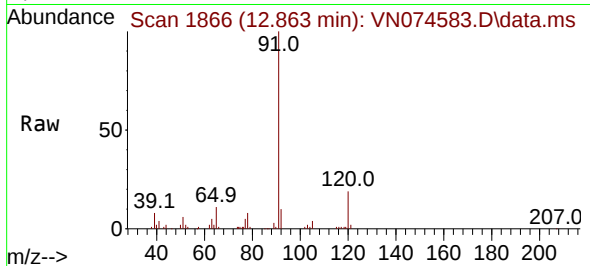
Tgt Ion:105 Resp: 44093
Ion Ratio Lower Upper
105 100
120 25.8 13.5 40.4





#78
n-propylbenzene
Concen: 3.587 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074583.D
Acq: 19 Sep 2022 14:01

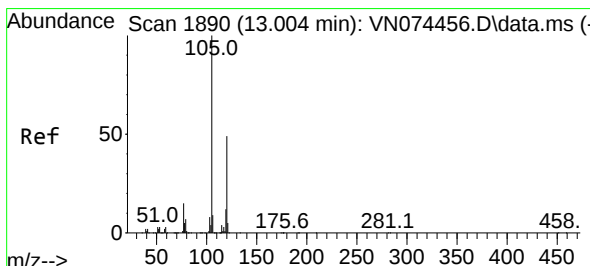
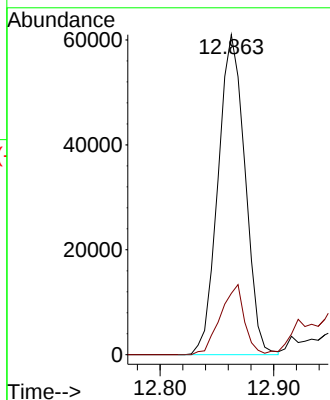
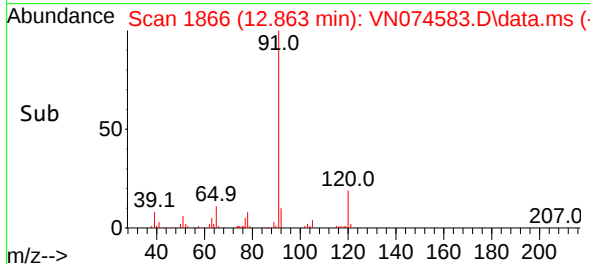
Instrument :
MSVOA_N
ClientSampleId :
INF-0907



Tgt Ion: 91 Resp: 100689
Ion Ratio Lower Upper
91 100
120 19.4 11.9 35.5

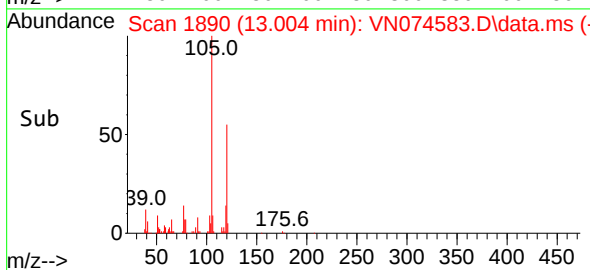
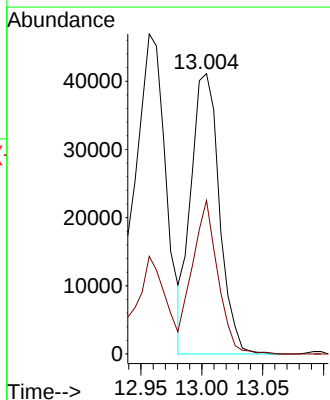
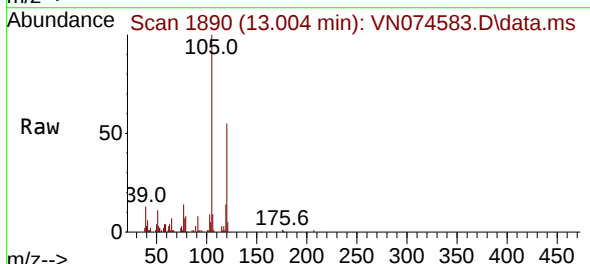
Manual Integrations
APPROVED

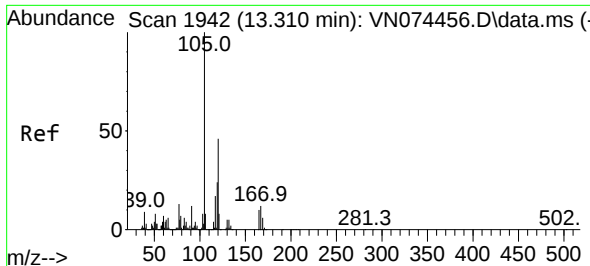
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 3.489 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN074583.D
Acq: 19 Sep 2022 14:01

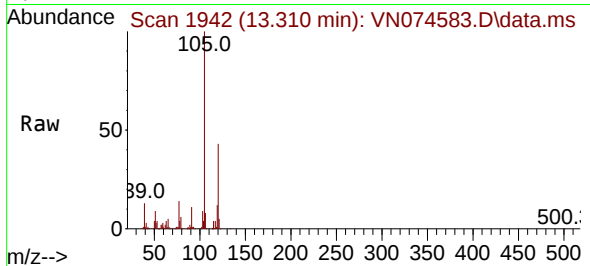
Tgt Ion:105 Resp: 67021
Ion Ratio Lower Upper
105 100
120 49.1 24.9 74.7





#84
1,2,4-Trimethylbenzene
Concen: 13.416 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074583.D
Acq: 19 Sep 2022 14:01

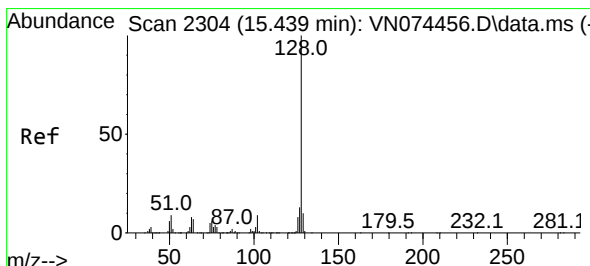
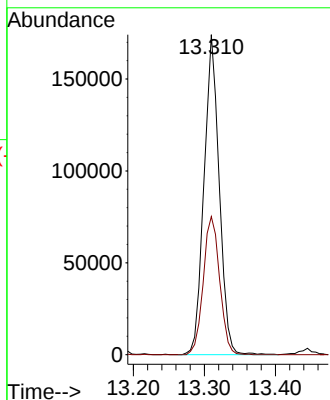
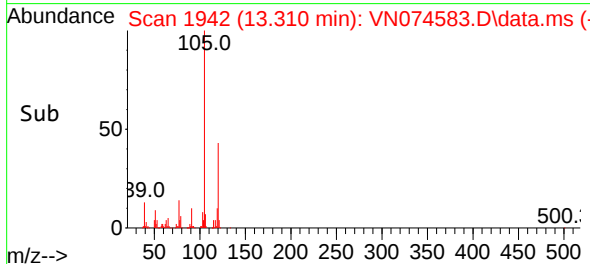
Instrument :
MSVOA_N
ClientSampleId :
INF-0907



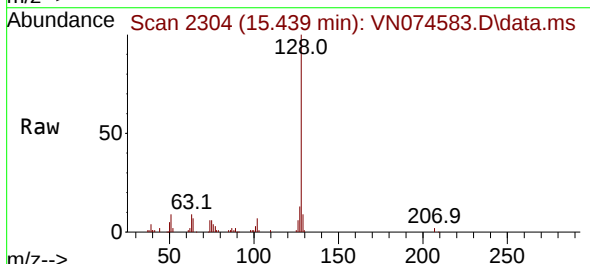
Tgt Ion:105 Resp: 25936
Ion Ratio Lower Upper
105 100
120 46.4 23.3 69.8

Manual Integrations
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Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#95
Naphthalene
Concen: 5.484 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN074583.D
Acq: 19 Sep 2022 14:01



Tgt Ion:128 Resp: 79244
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 10.3 8.6 13.0

