

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091922\
 Data File : VN074595.D
 Acq On : 19 Sep 2022 18:55
 Operator : JC\MD
 Sample : N4566-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

Manual Integrations
 APPROVED

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

Quant Time: Sep 20 04:21:21 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	261857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	495242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	562524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	329627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	207165	46.627	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.260%		
35) Dibromofluoromethane	7.951	113	165718	50.373	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.740%		
50) Toluene-d8	10.380	98	621601	48.857	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.720%		
62) 4-Bromofluorobenzene	12.674	95	319454	73.311	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	146.620%#		
Target Compounds					Qvalue	
16) Acetone	4.204	43	226213m	79.566	ug/l	
25) 2-Butanone	7.257	43	45514	9.642	ug/l #	87
31) Cyclohexane	8.022	56	939641	119.148	ug/l	89
39) Methylcyclohexane	9.398	83	561416	81.081	ug/l	94
52) Toluene	10.439	92	22256090m	2107.786	ug/l	
64) Tetrachloroethene	10.922	164	17619	4.564	ug/l	96
67) Ethyl Benzene	11.786	91	7488662	288.831	ug/l	98
68) m/p-Xylenes	11.886	106	19364408	2020.031	ug/l #	1
69) o-Xylene	12.227	106	9335547	955.139	ug/l	80
73) Isopropylbenzene	12.521	105	512029	15.171	ug/l	98
78) n-propylbenzene	12.863	91	1985522	49.393	ug/l	94
80) 1,3,5-Trimethylbenzene	13.004	105	4781218	173.778	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	14917505	538.769	ug/l	95
85) sec-Butylbenzene	13.445	105	67426m	1.961	ug/l	
86) p-Isopropyltoluene	13.557	119	48235m	1.800	ug/l	
95) Naphthalene	15.439	128	1725065	60.787	ug/l	98

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

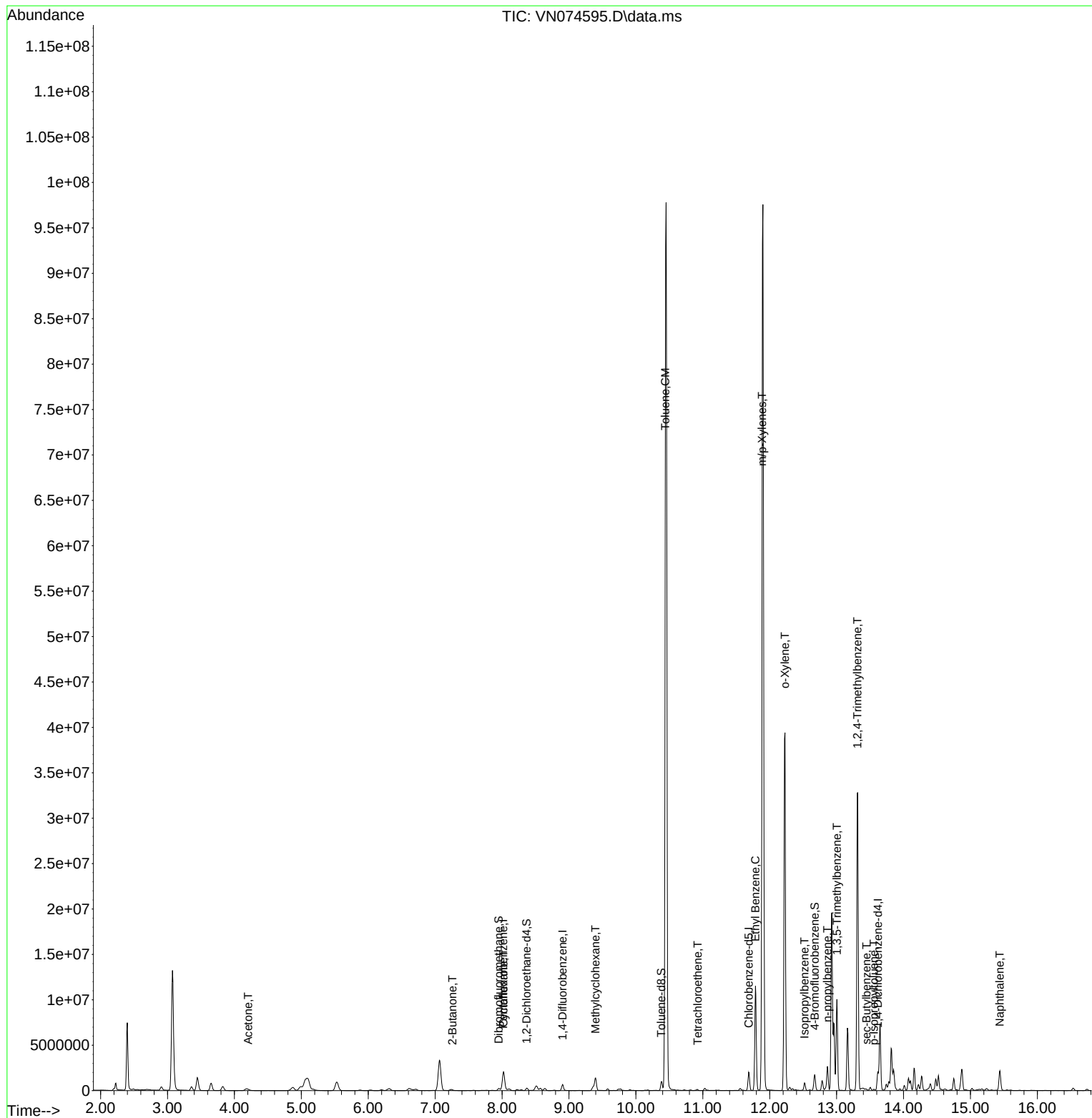
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091922\
Data File : VN074595.D
Acq On : 19 Sep 2022 18:55
Operator : JC\MD
Sample : N4566-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

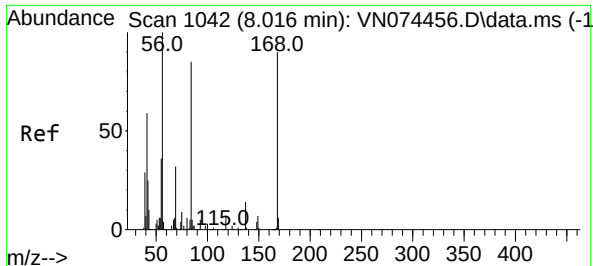
Instrument :
MSVOA_N
ClientSampleId :
MW-7

Quant Time: Sep 20 04:21:21 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

Manual Integrations
APPROVED

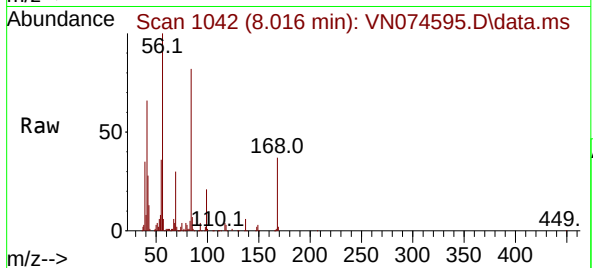
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074595.D
Acq: 19 Sep 2022 18:55

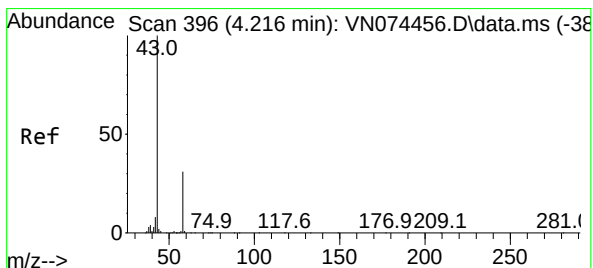
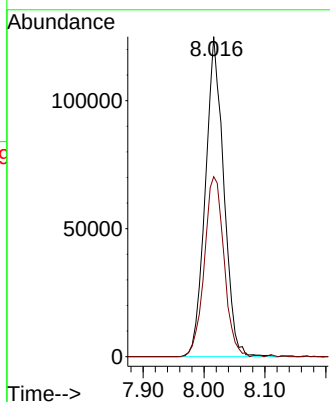
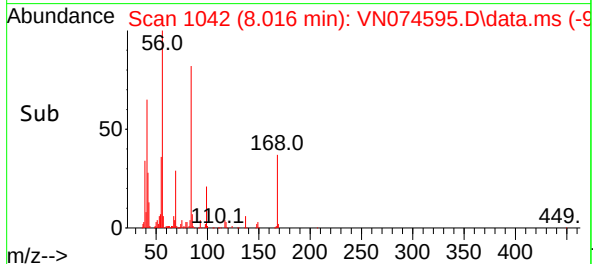
Instrument :
MSVOA_N
ClientSampleId :
MW-7



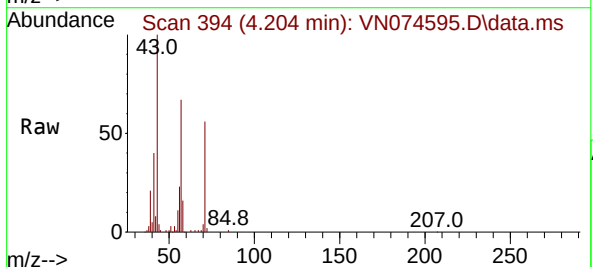
Tgt Ion:168 Resp: 26185
Ion Ratio Lower Upper
168 100
99 56.2 42.3 63.5

Manual Integrations
APPROVED

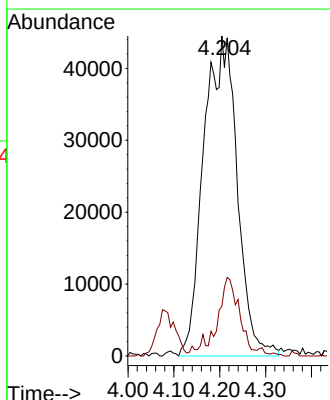
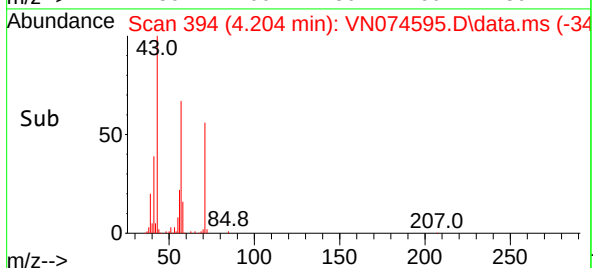
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

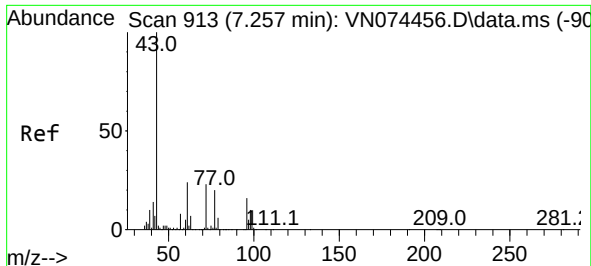


#16
Acetone
Concen: 79.566 ug/l m
RT: 4.204 min Scan# 394
Delta R.T. -0.012 min
Lab File: VN074595.D
Acq: 19 Sep 2022 18:55



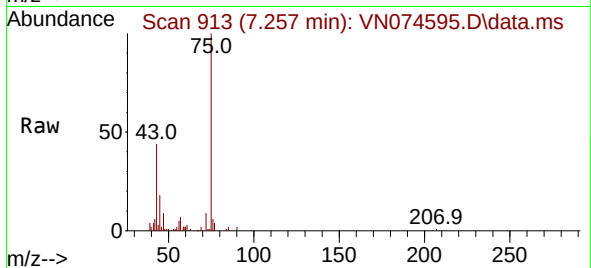
Tgt Ion: 43 Resp: 226213
Ion Ratio Lower Upper
43 100
58 15.6 26.0 39.0#





#25
2-Butanone
Concen: 9.642 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074595.D
Acq: 19 Sep 2022 18:55

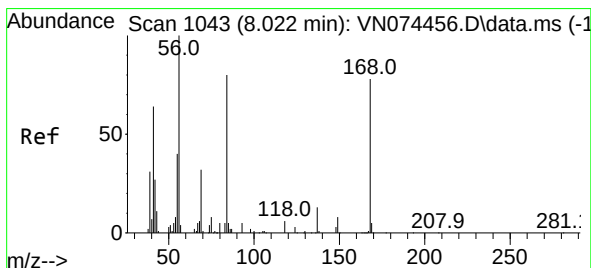
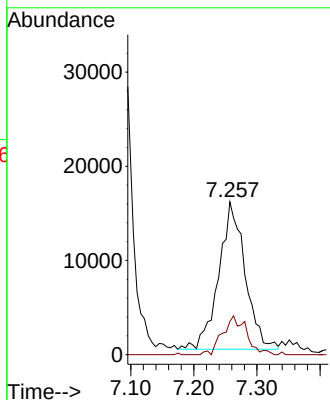
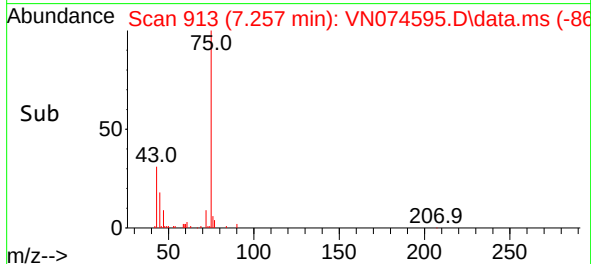
Instrument :
MSVOA_N
ClientSampleId :
MW-7



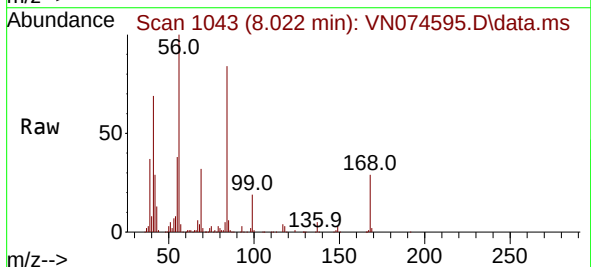
Tgt Ion: 43 Resp: 45514
Ion Ratio Lower Upper
43 100
72 22.5 23.7 35.5

Manual Integrations
APPROVED

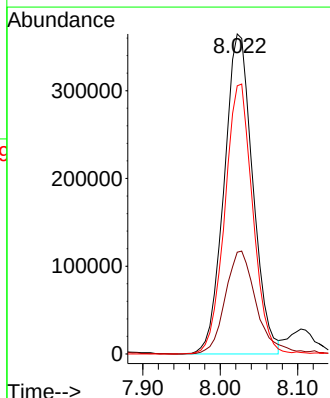
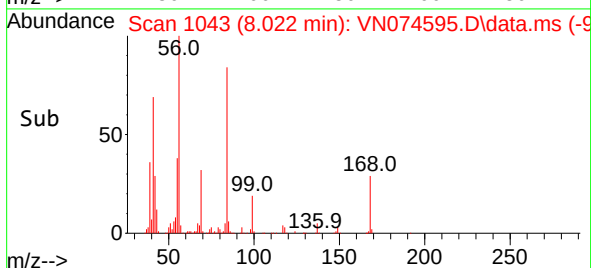
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

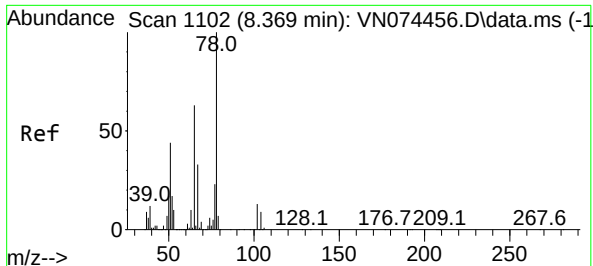


#31
Cyclohexane
Concen: 119.148 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074595.D
Acq: 19 Sep 2022 18:55



Tgt Ion: 56 Resp: 939641
Ion Ratio Lower Upper
56 100
69 31.8 27.8 41.8
84 83.8 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 46.627 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074595.D

Acq: 19 Sep 2022 18:55

Instrument :

MSVOA_N

ClientSampleId :

MW-7

Tgt Ion: 65 Resp: 20716

Ion Ratio Lower Upper

65 100

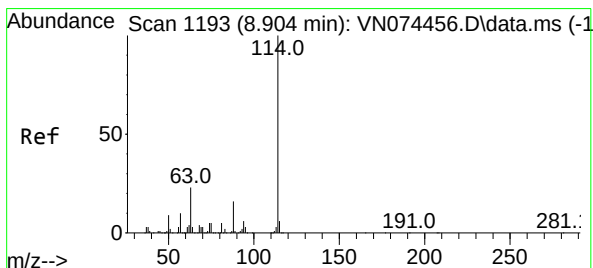
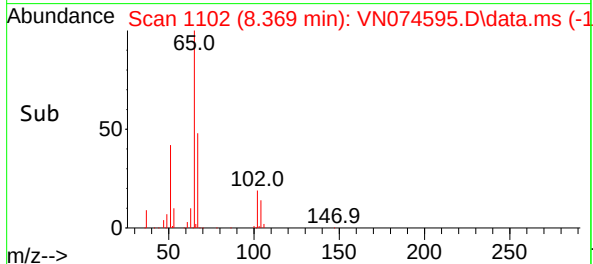
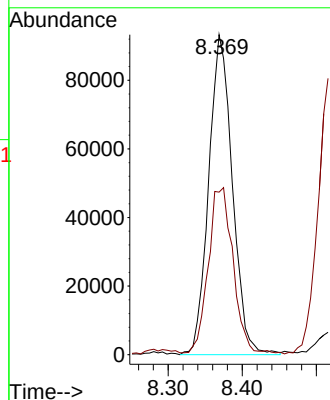
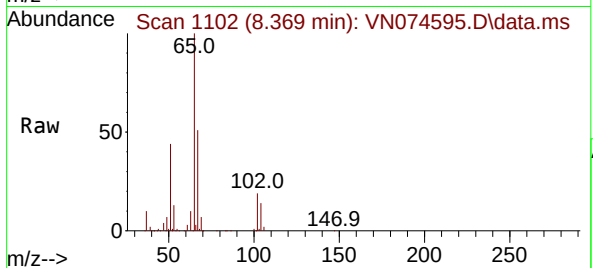
67 54.6 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074595.D

Acq: 19 Sep 2022 18:55

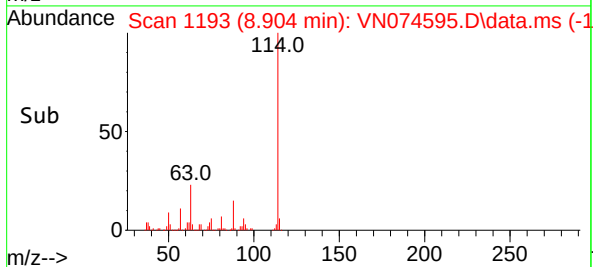
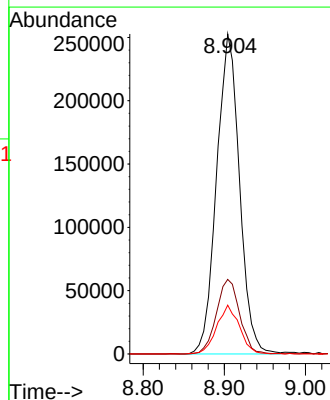
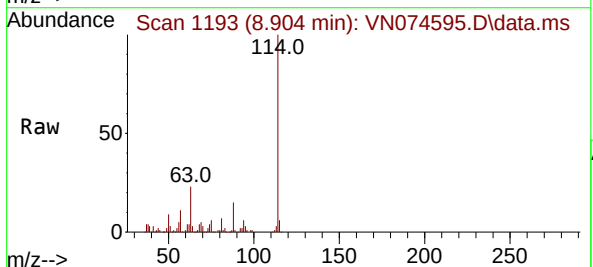
Tgt Ion:114 Resp: 495242

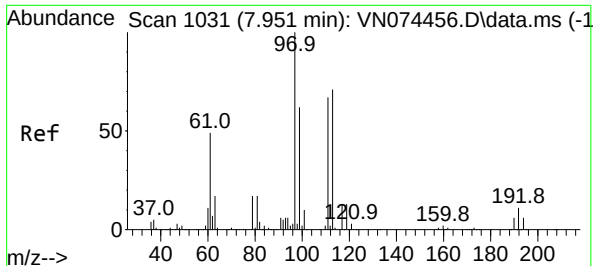
Ion Ratio Lower Upper

114 100

63 23.3 0.0 40.0

88 15.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.373 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074595.D

Acq: 19 Sep 2022 18:55

Instrument :

MSVOA_N

ClientSampleId :

MW-7

Tgt Ion:113 Resp: 165718

Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

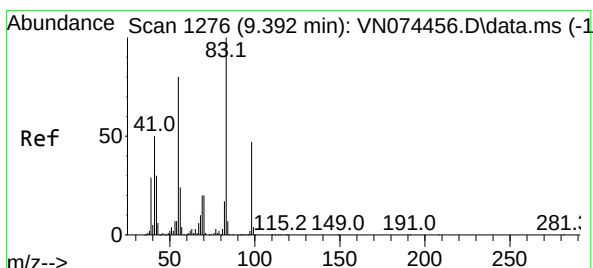
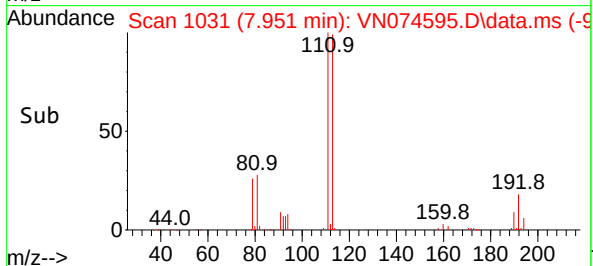
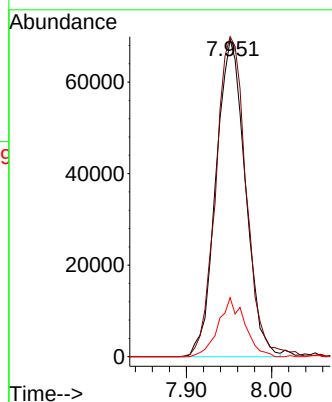
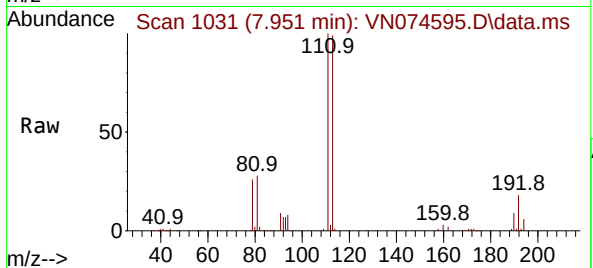
192 16.8 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#39

Methylcyclohexane

Concen: 81.081 ug/l

RT: 9.398 min Scan# 1277

Delta R.T. 0.006 min

Lab File: VN074595.D

Acq: 19 Sep 2022 18:55

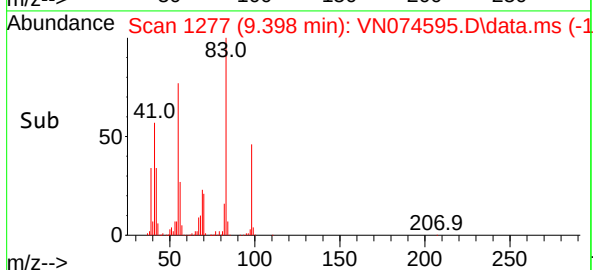
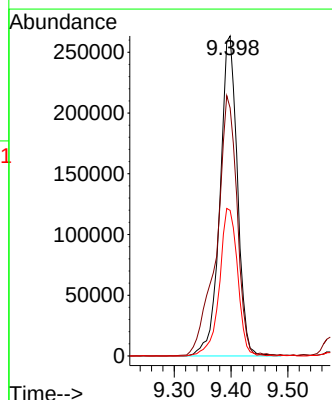
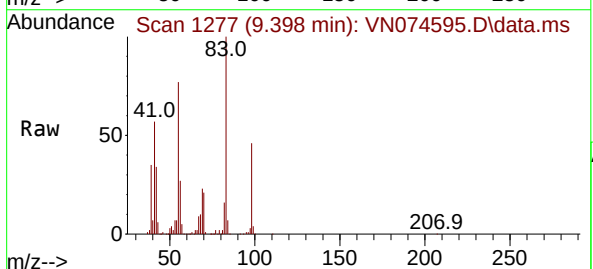
Tgt Ion: 83 Resp: 561416

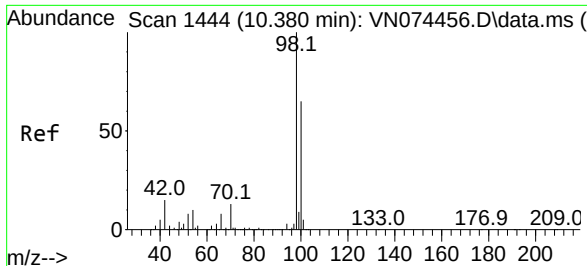
Ion Ratio Lower Upper

83 100

55 77.3 57.8 86.8

98 45.5 39.4 59.2





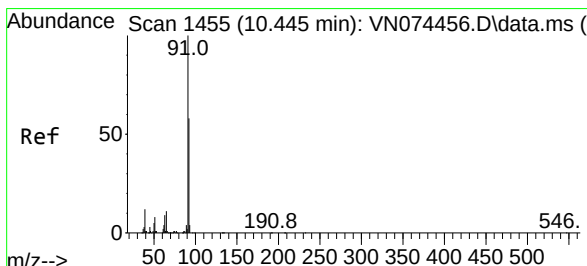
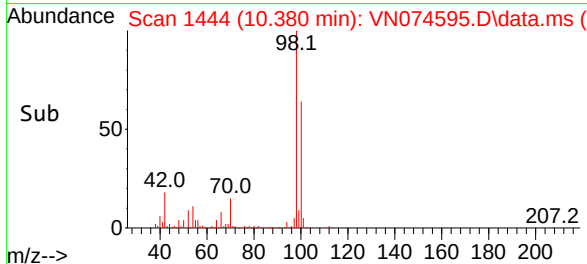
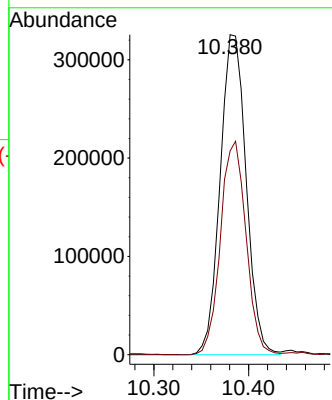
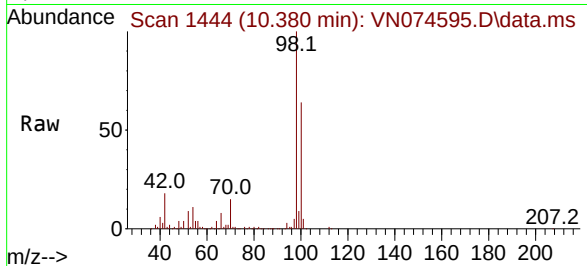
#50
Toluene-d8
Concen: 48.857 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074595.D
Acq: 19 Sep 2022 18:55

Instrument :
MSVOA_N
ClientSampleId :
MW-7

Tgt Ion: 98 Resp: 621600
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8

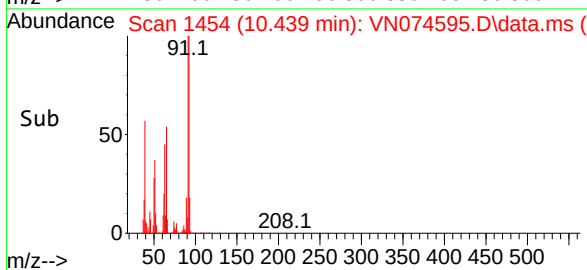
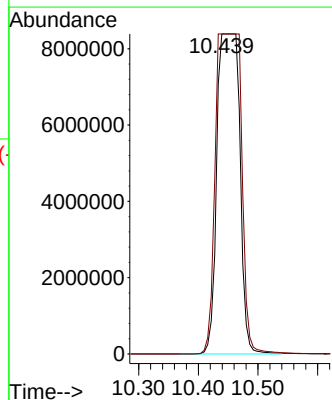
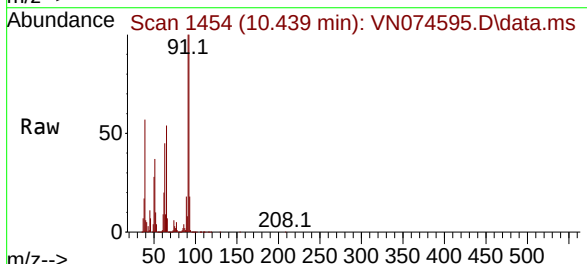
Manual Integrations
APPROVED

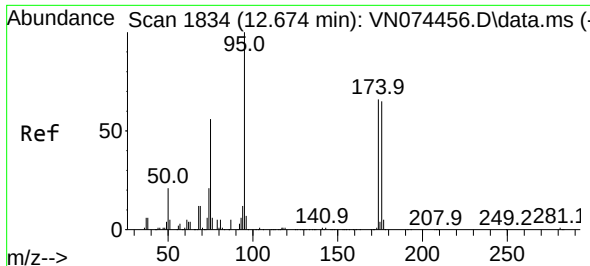
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#52
Toluene
Concen: 2107.786 ug/l m
RT: 10.439 min Scan# 1454
Delta R.T. -0.006 min
Lab File: VN074595.D
Acq: 19 Sep 2022 18:55

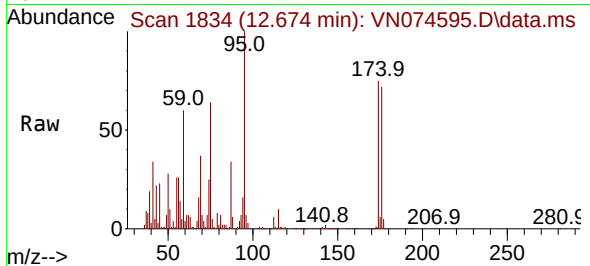
Tgt Ion: 92 Resp:22256090
Ion Ratio Lower Upper
92 100
91 0.0 138.6 207.8#





#62
4-Bromofluorobenzene
Concen: 73.311 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074595.D
Acq: 19 Sep 2022 18:55

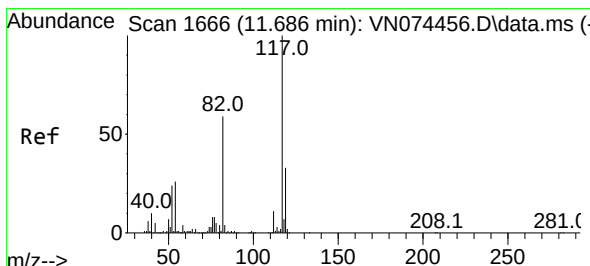
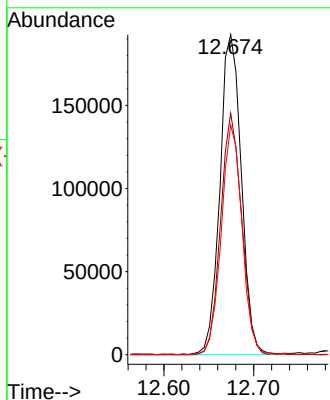
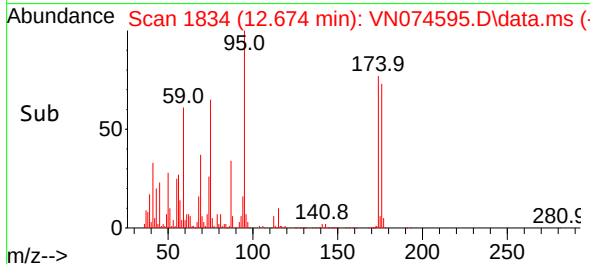
Instrument :
MSVOA_N
ClientSampleId :
MW-7



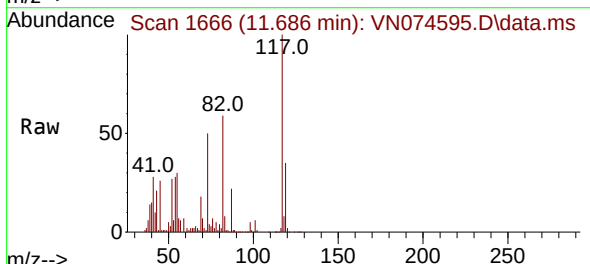
Tgt Ion: 95 Resp: 319454
Ion Ratio Lower Upper
95 100
174 74.2 0.0 167.6
176 69.7 0.0 163.4

Manual Integrations
APPROVED

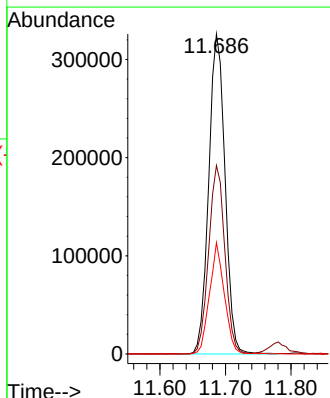
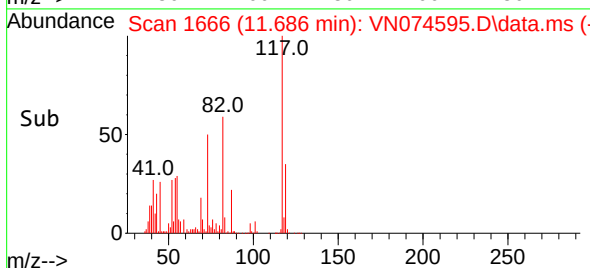
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

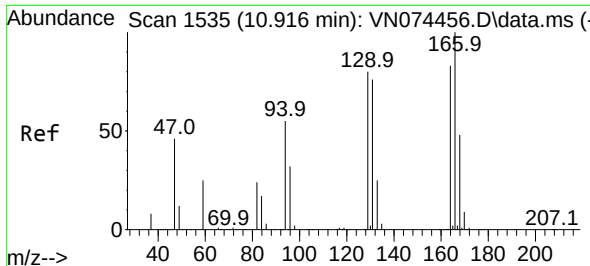


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074595.D
Acq: 19 Sep 2022 18:55



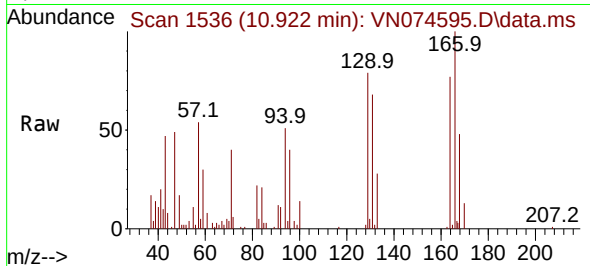
Tgt Ion:117 Resp: 562524
Ion Ratio Lower Upper
117 100
82 58.9 44.2 66.2
119 34.8 25.4 38.0





#64
Tetrachloroethene
Concen: 4.564 ug/l
RT: 10.922 min Scan# 1536
Delta R.T. 0.006 min
Lab File: VN074595.D
Acq: 19 Sep 2022 18:55

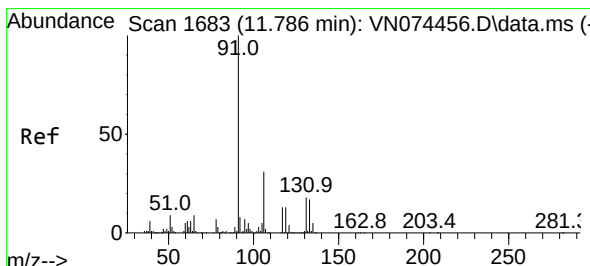
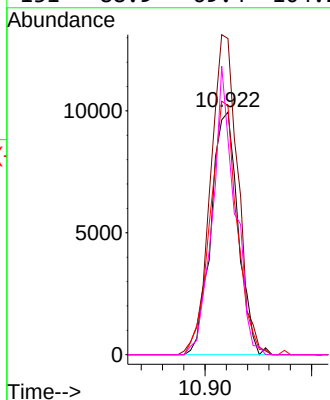
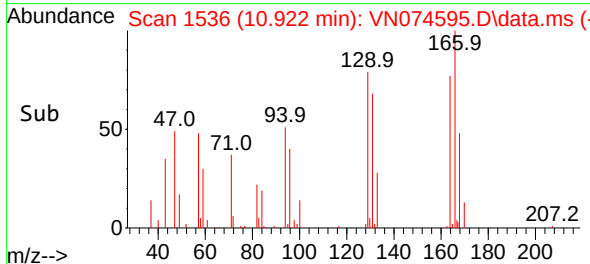
Instrument :
MSVOA_N
ClientSampleId :
MW-7



Tgt Ion:164 Resp: 17619
Ion Ratio Lower Upper
164 100
166 130.4 104.2 156.2
129 102.7 73.9 110.9
131 88.9 69.4 104.2

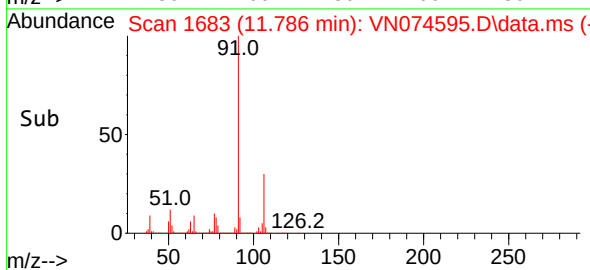
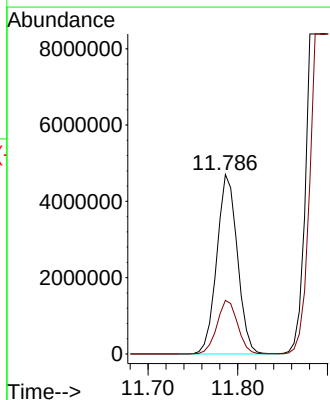
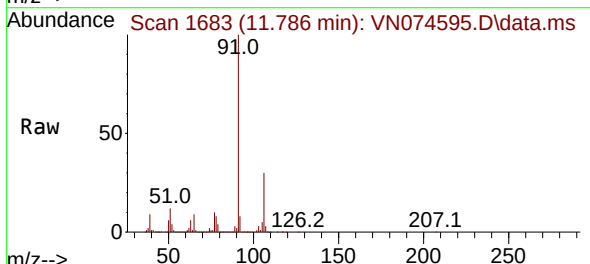
Manual Integrations
APPROVED

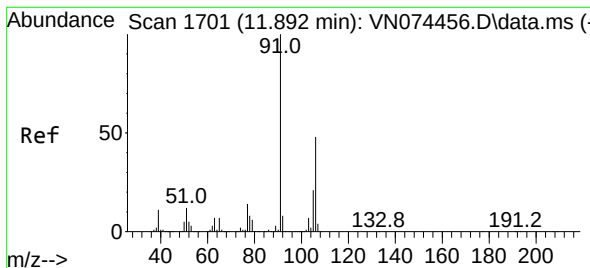
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#67
Ethyl Benzene
Concen: 288.831 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074595.D
Acq: 19 Sep 2022 18:55

Tgt Ion: 91 Resp: 7488662
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3





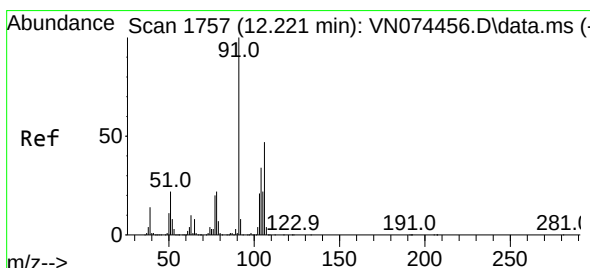
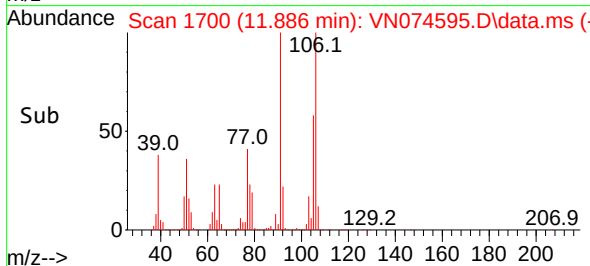
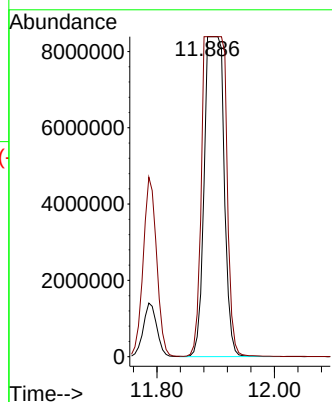
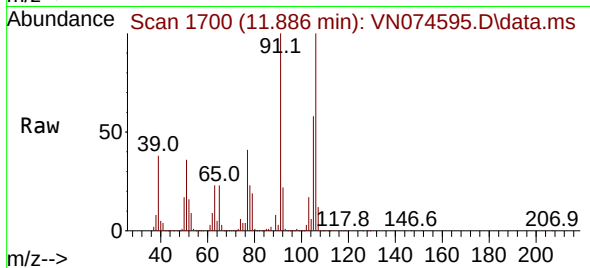
#68
m/p-Xylenes
Concen: 2020.031 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN074595.D
Acq: 19 Sep 2022 18:55

Instrument :
MSVOA_N
ClientSampleId :
MW-7

Tgt Ion:106 Resp:19364408
Ion Ratio Lower Upper
106 100
91 0.0 158.9 238.3

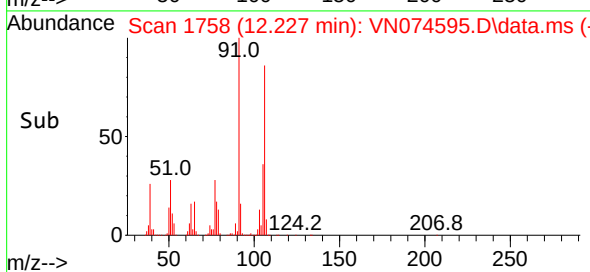
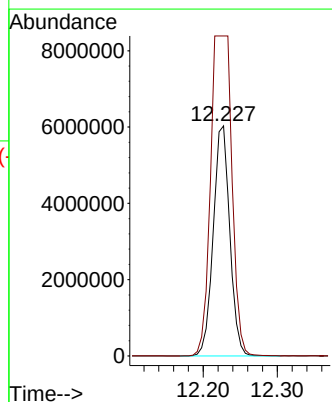
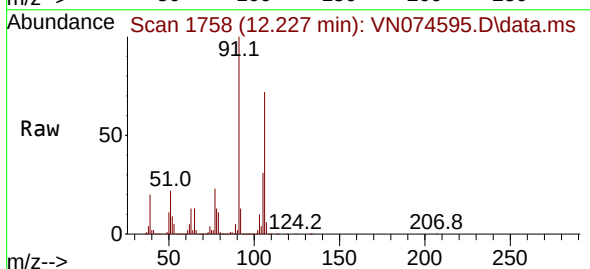
Manual Integrations
APPROVED

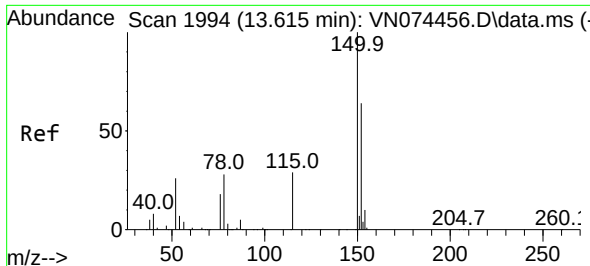
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#69
o-Xylene
Concen: 955.139 ug/l
RT: 12.227 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VN074595.D
Acq: 19 Sep 2022 18:55

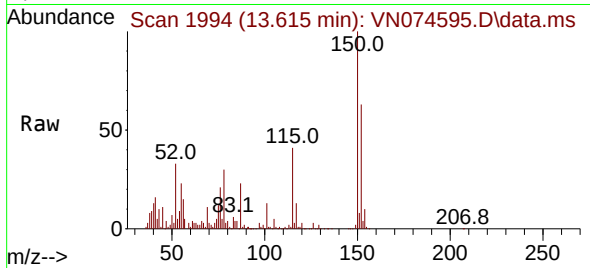
Tgt Ion:106 Resp: 9335547
Ion Ratio Lower Upper
106 100
91 180.3 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074595.D
Acq: 19 Sep 2022 18:55

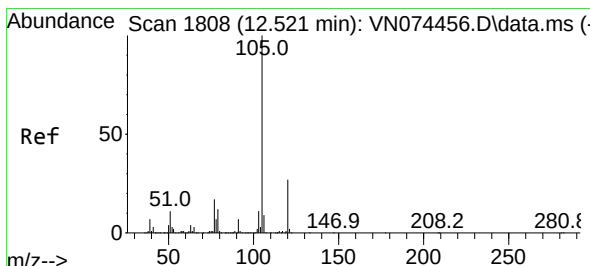
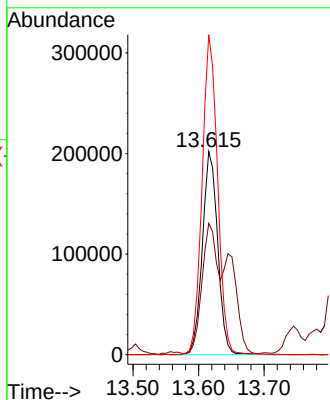
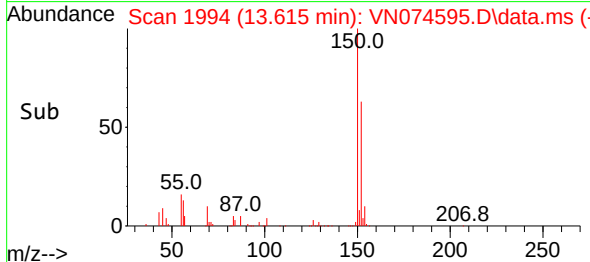
Instrument :
MSVOA_N
ClientSampleId :
MW-7



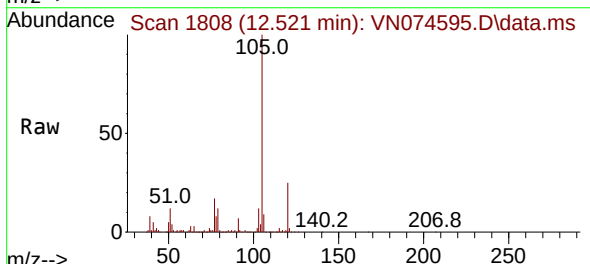
Tgt Ion:152 Resp: 329627
Ion Ratio Lower Upper
152 100
115 65.7 28.9 86.7
150 158.9 0.0 356.2

Manual Integrations
APPROVED

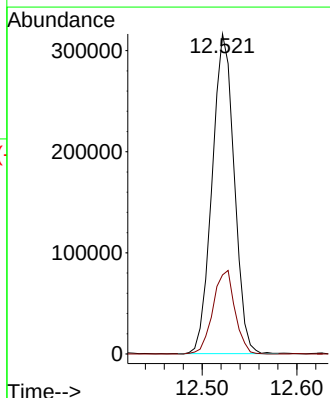
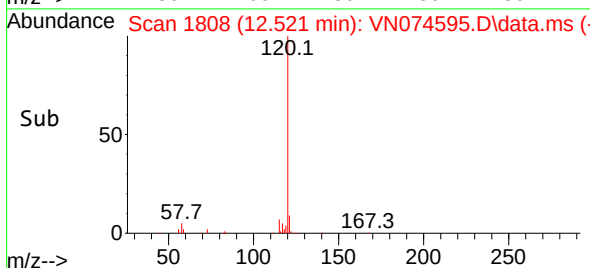
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

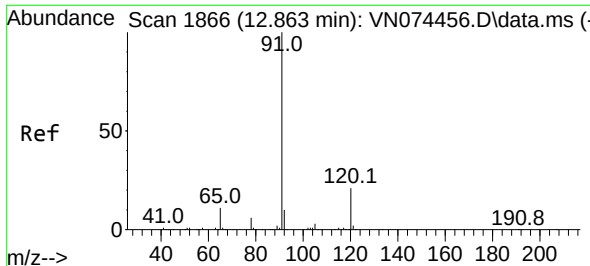


#73
Isopropylbenzene
Concen: 15.171 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074595.D
Acq: 19 Sep 2022 18:55



Tgt Ion:105 Resp: 512029
Ion Ratio Lower Upper
105 100
120 25.9 13.5 40.4





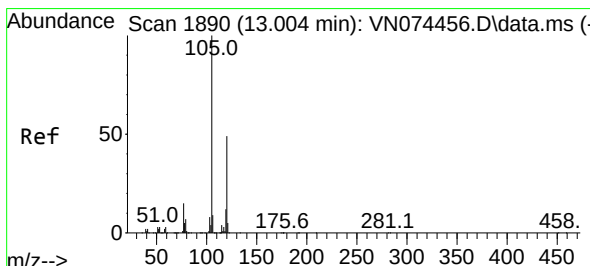
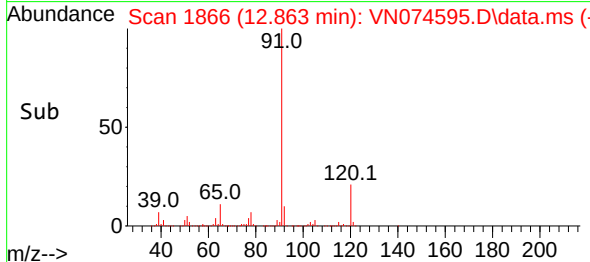
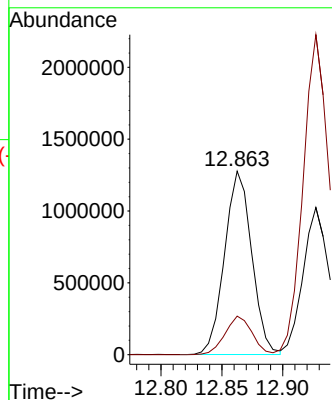
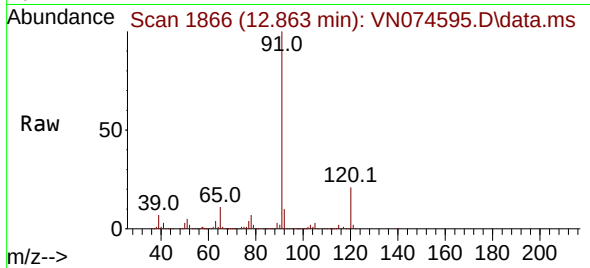
#78
n-propylbenzene
Concen: 49.393 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074595.D
Acq: 19 Sep 2022 18:55

Instrument :
MSVOA_N
ClientSampleId :
MW-7

Tgt Ion: 91 Resp: 198552
Ion Ratio Lower Upper
91 100
120 20.9 11.9 35.5

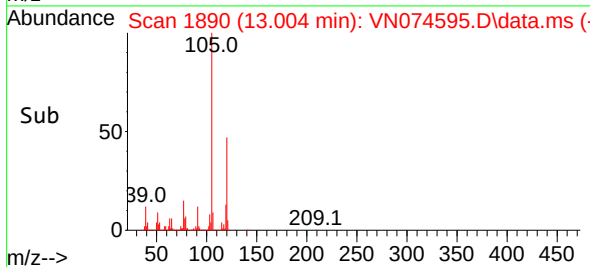
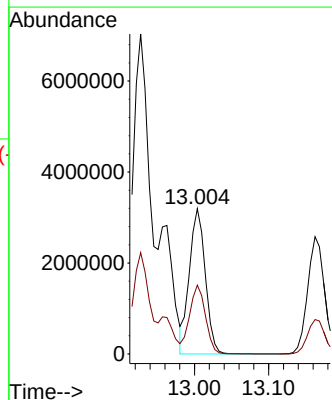
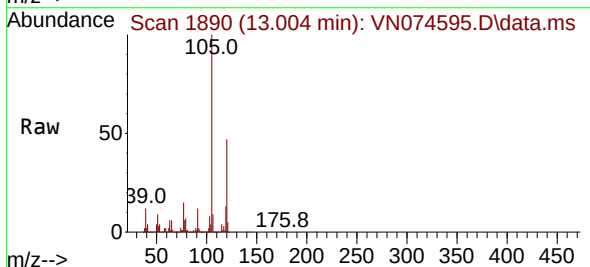
Manual Integrations
APPROVED

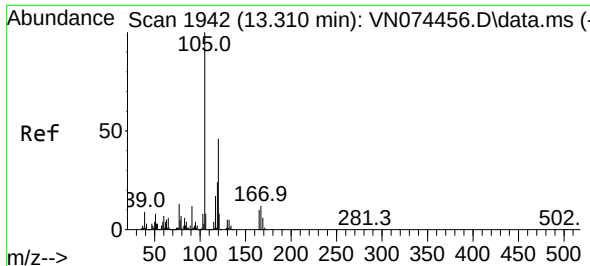
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 173.778 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN074595.D
Acq: 19 Sep 2022 18:55

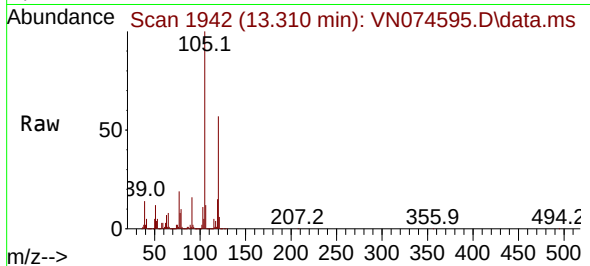
Tgt Ion:105 Resp: 4781218
Ion Ratio Lower Upper
105 100
120 47.2 24.9 74.7





#84
1,2,4-Trimethylbenzene
Concen: 538.769 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074595.D
Acq: 19 Sep 2022 18:55

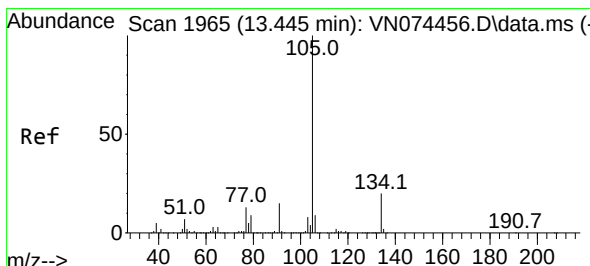
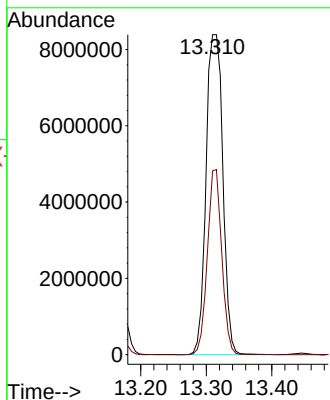
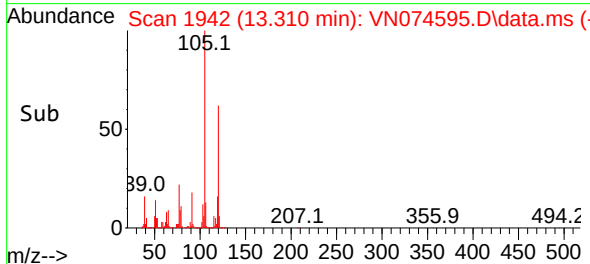
Instrument :
MSVOA_N
ClientSampleId :
MW-7



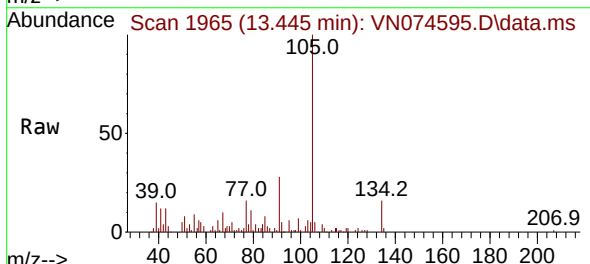
Tgt Ion:105 Resp:1491750
Ion Ratio Lower Upper
105 100
120 49.7 23.3 69.8

Manual Integrations
APPROVED

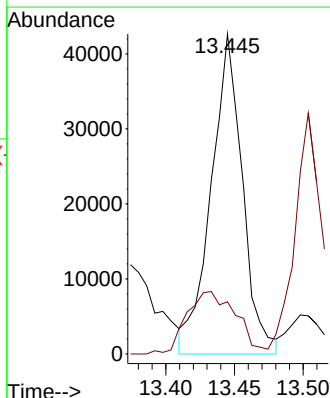
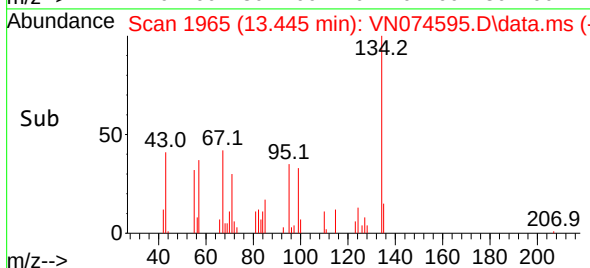
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

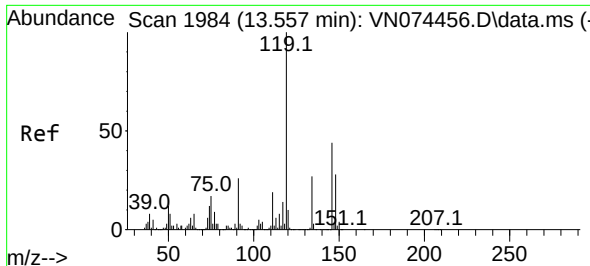


#85
sec-Butylbenzene
Concen: 1.961 ug/l m
RT: 13.445 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VN074595.D
Acq: 19 Sep 2022 18:55



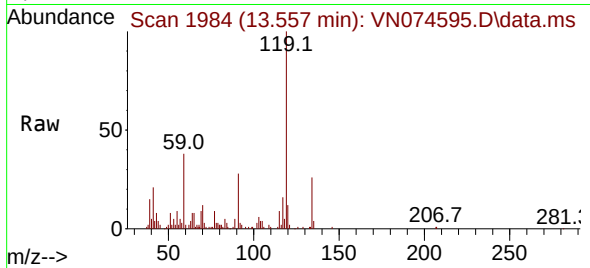
Tgt Ion:105 Resp: 67426
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





#86
p-Isopropyltoluene
Concen: 1.800 ug/l m
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074595.D
Acq: 19 Sep 2022 18:55

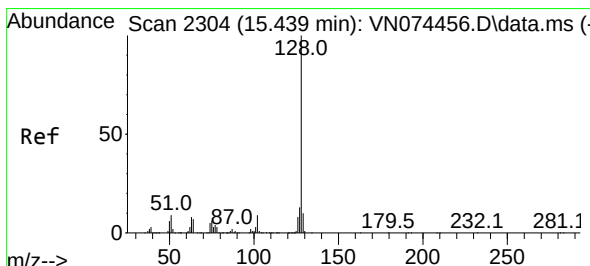
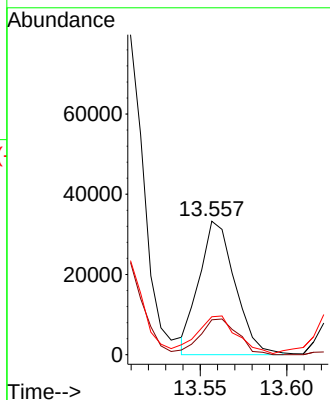
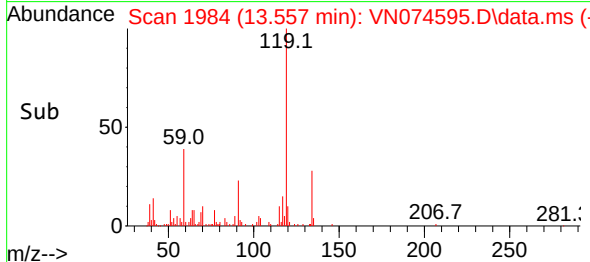
Instrument :
MSVOA_N
ClientSampleId :
MW-7



Tgt Ion:119 Resp: 48235
Ion Ratio Lower Upper
119 100
134 91.0 13.3 39.8
91 0.0 11.3 33.9

Manual Integrations
APPROVED

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



#95
Naphthalene
Concen: 60.787 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN074595.D
Acq: 19 Sep 2022 18:55

Tgt Ion:128 Resp: 1725065
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 11.3 8.6 13.0

