

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074539.D
 Acq On : 17 Sep 2022 03:44
 Operator : JC\MD
 Sample : N4549-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-55

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2022
 Supervised By : Mahesh Dadoda 09/19/2022

Quant Time: Sep 17 06:19:14 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	285340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	558331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	550722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	241091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	225397	46.555	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.120%		
35) Dibromofluoromethane	7.957	113	193364	52.135	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.280%		
50) Toluene-d8	10.380	98	702740	48.993	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.980%		
62) 4-Bromofluorobenzene	12.674	95	257495	52.415	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.820%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.269	59	23197m	14.708	ug/l	
16) Acetone	4.228	43	27053m	8.732	ug/l	
19) Methyl tert-butyl Ether	5.545	73	11638m	0.735	ug/l	
25) 2-Butanone	7.263	43	11681	2.271	ug/l	98
31) Cyclohexane	8.022	56	13466	1.567	ug/l #	74
40) Benzene	8.392	78	9269	0.457	ug/l #	88
73) Isopropylbenzene	12.521	105	6446	0.261	ug/l #	74
78) n-propylbenzene	12.863	91	10569	0.359	ug/l	90
85) sec-Butylbenzene	13.439	105	19676	0.782	ug/l #	34
89) n-Butylbenzene	13.886	91	10714	0.606	ug/l	86

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

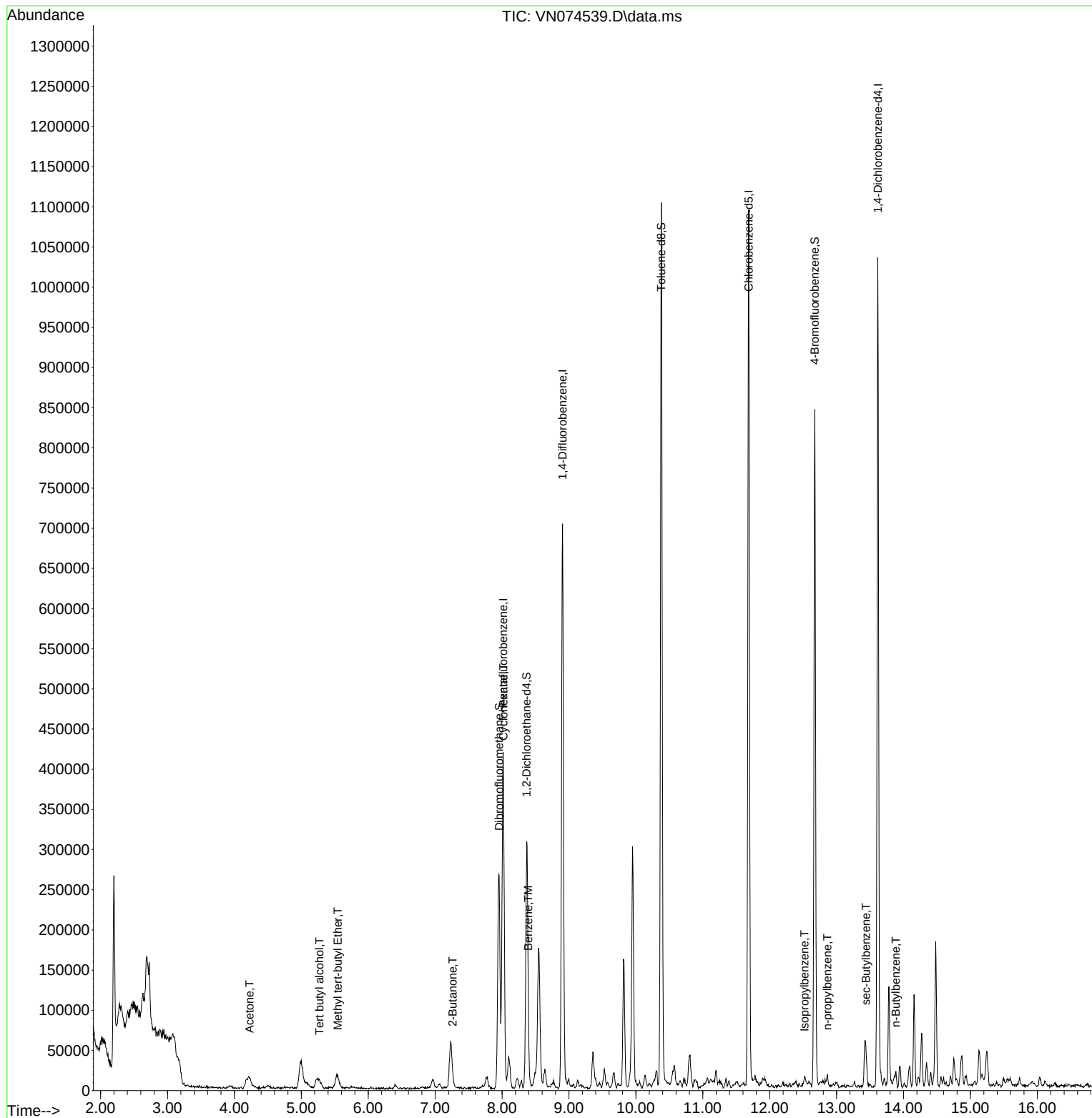
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
Data File : VN074539.D
Acq On : 17 Sep 2022 03:44
Operator : JC\MD
Sample : N4549-11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 45 Sample Multiplier: 1

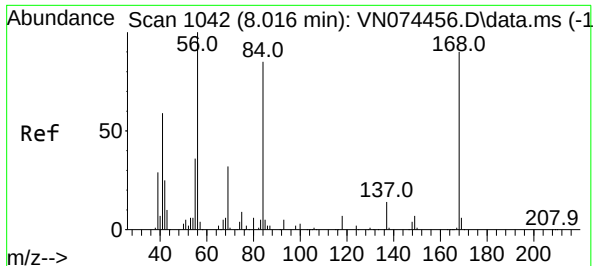
Instrument :
MSVOA_N
ClientSampleId :
MW-55

Manual Integrations
APPROVED

Reviewed By : John Carlone 09/17/2022
Supervised By : Mahesh Dadoda 09/19/2022

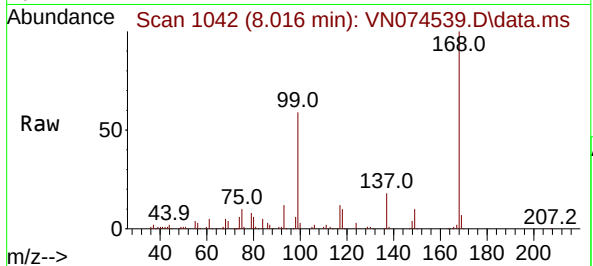
Quant Time: Sep 17 06:19:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074539.D
Acq: 17 Sep 2022 03:44

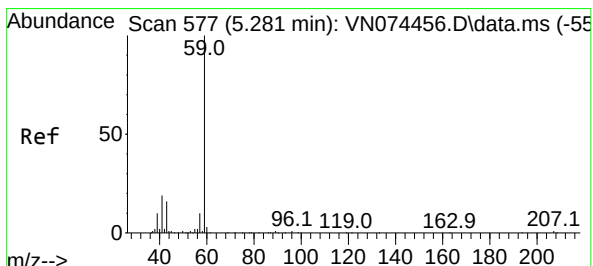
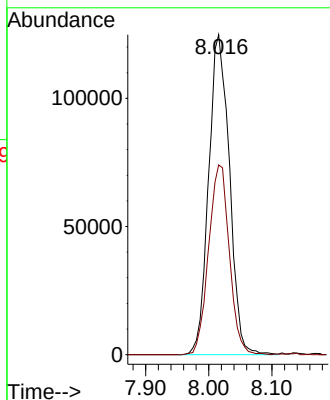
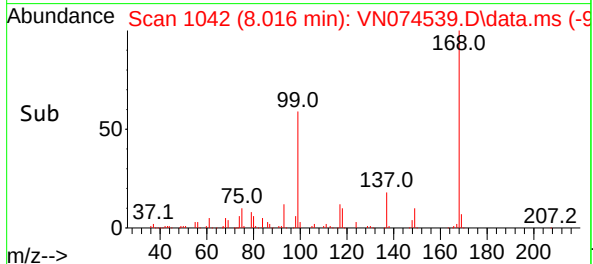
Instrument :
MSVOA_N
ClientSampleId :
MW-55



Tgt Ion:168 Resp: 285340
Ion Ratio Lower Upper
168 100
99 59.3 42.3 63.5

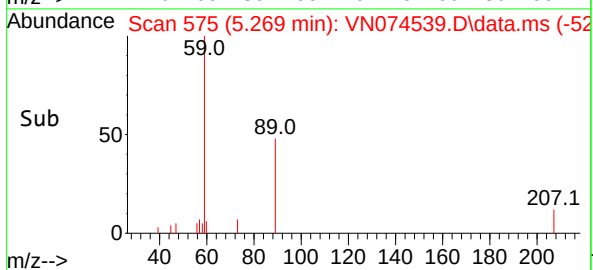
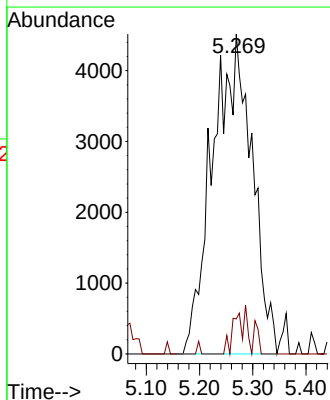
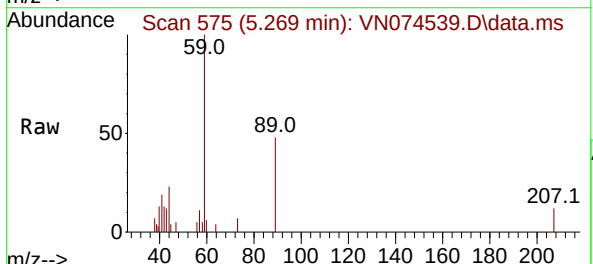
Manual Integrations
APPROVED

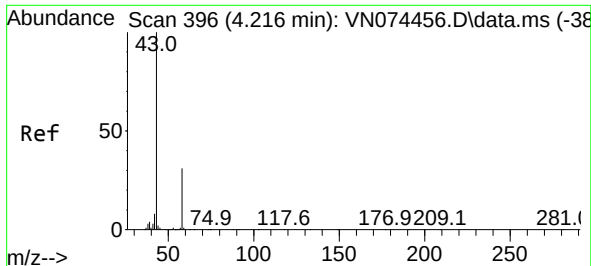
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#11
Tert butyl alcohol
Concen: 14.708 ug/l m
RT: 5.269 min Scan# 575
Delta R.T. -0.012 min
Lab File: VN074539.D
Acq: 17 Sep 2022 03:44

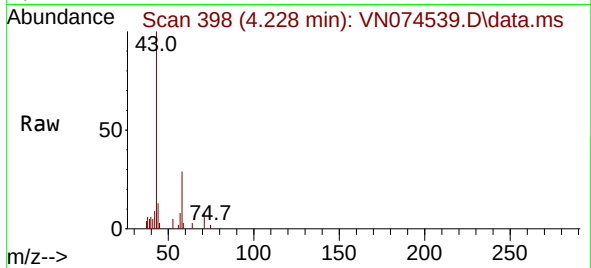
Tgt Ion: 59 Resp: 23197
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16
Acetone
Concen: 8.732 ug/l m
RT: 4.228 min Scan# 396
Delta R.T. 0.012 min
Lab File: VN074539.D
Acq: 17 Sep 2022 03:44

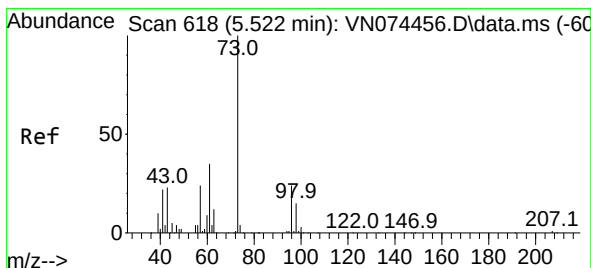
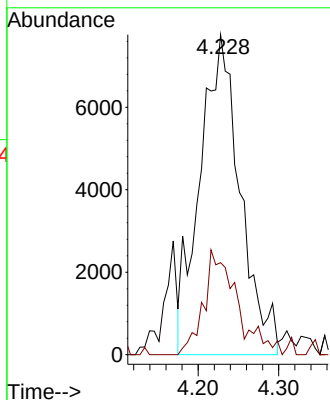
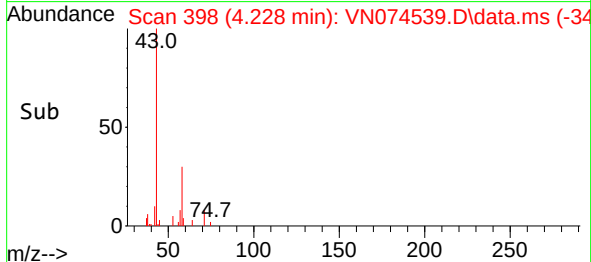
Instrument :
MSVOA_N
ClientSampleId :
MW-55



Tgt Ion: 43 Resp: 2705
Ion Ratio Lower Upper
43 100
58 28.8 26.0 39.0

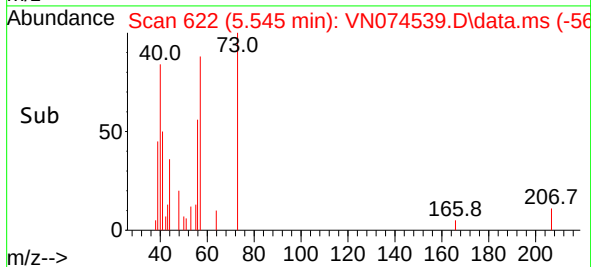
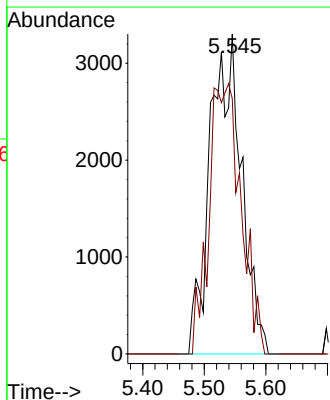
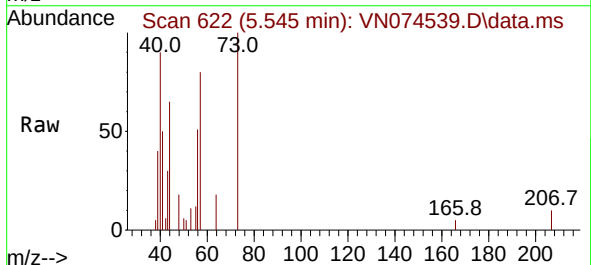
Manual Integrations
APPROVED

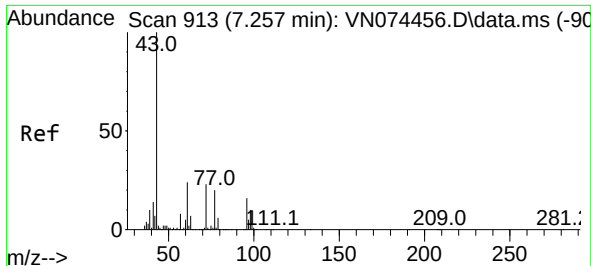
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#19
Methyl tert-butyl Ether
Concen: 0.735 ug/l m
RT: 5.545 min Scan# 622
Delta R.T. 0.023 min
Lab File: VN074539.D
Acq: 17 Sep 2022 03:44

Tgt Ion: 73 Resp: 11638
Ion Ratio Lower Upper
73 100
57 79.8 17.6 26.4#





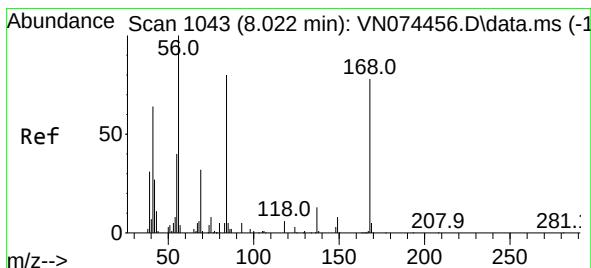
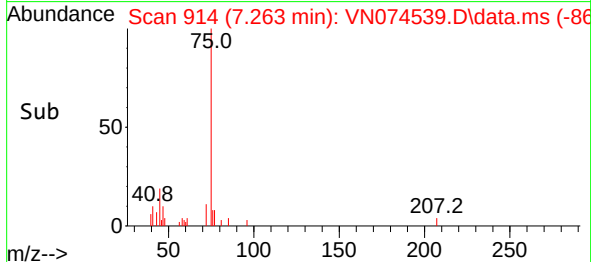
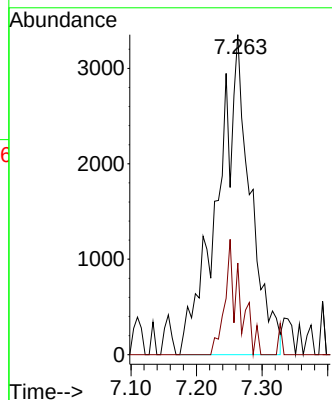
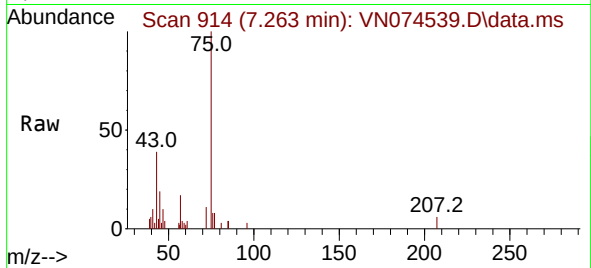
#25
2-Butanone
Concen: 2.271 ug/l
RT: 7.263 min Scan# 913
Delta R.T. 0.006 min
Lab File: VN074539.D
Acq: 17 Sep 2022 03:44

Instrument :
MSVOA_N
ClientSampleId :
MW-55

Tgt Ion: 43 Resp: 1168
Ion Ratio Lower Upper
43 100
72 28.6 23.7 35.5

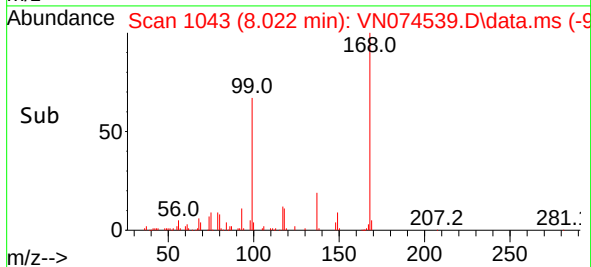
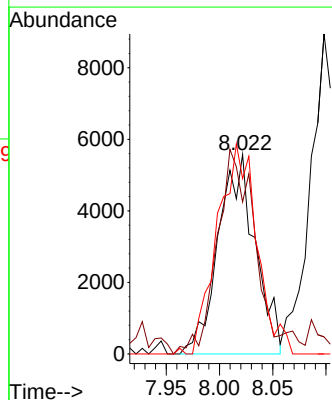
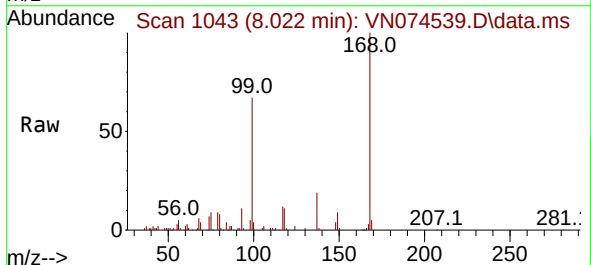
Manual Integrations
APPROVED

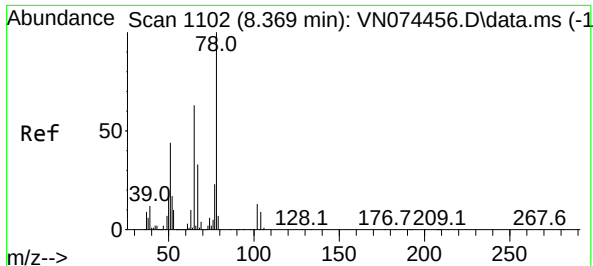
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#31
Cyclohexane
Concen: 1.567 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074539.D
Acq: 17 Sep 2022 03:44

Tgt Ion: 56 Resp: 13466
Ion Ratio Lower Upper
56 100
69 72.4 27.8 41.8#
84 85.1 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 46.555 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074539.D

Acq: 17 Sep 2022 03:44

Instrument :

MSVOA_N

ClientSampleId :

MW-55

Tgt Ion: 65 Resp: 22539

Ion Ratio Lower Upper

65 100

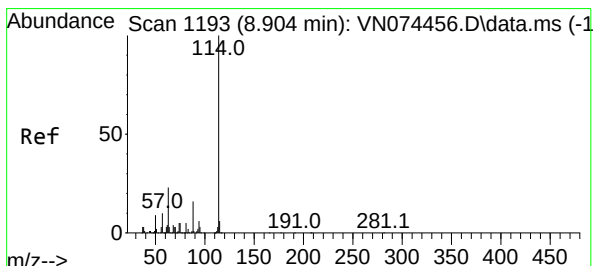
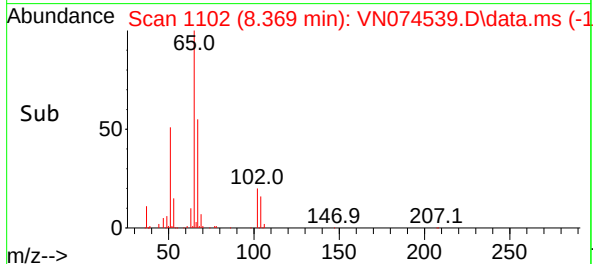
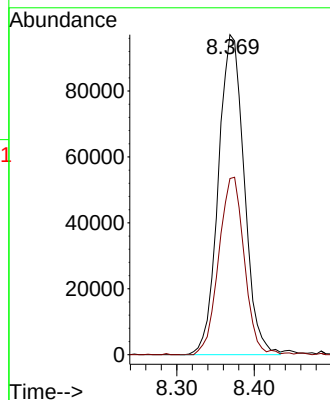
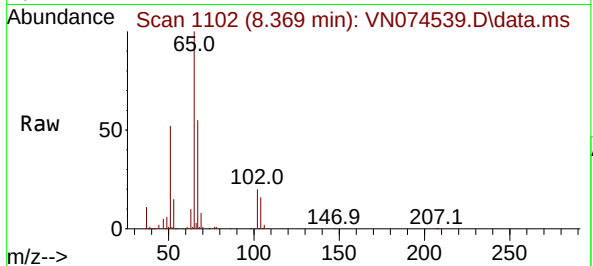
67 54.9 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074539.D

Acq: 17 Sep 2022 03:44

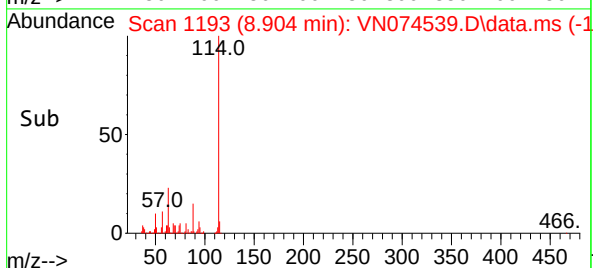
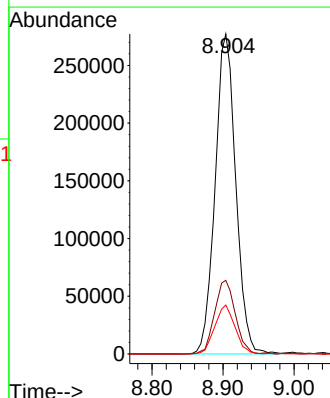
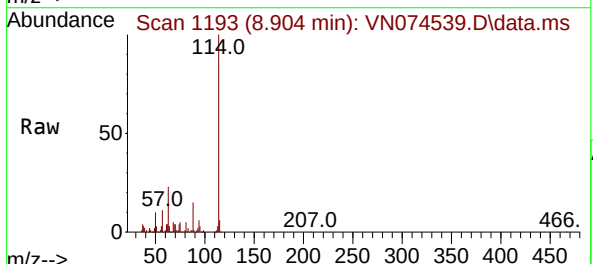
Tgt Ion:114 Resp: 558331

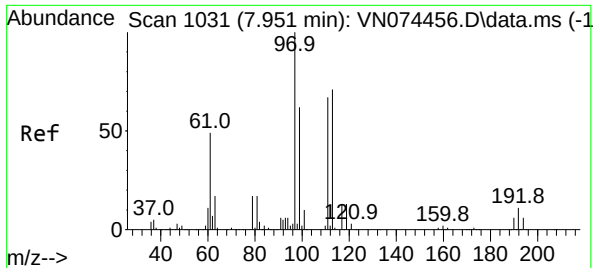
Ion Ratio Lower Upper

114 100

63 23.0 0.0 40.0

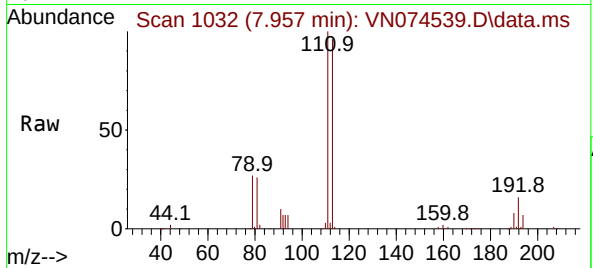
88 15.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 52.135 ug/l
RT: 7.957 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN074539.D
Acq: 17 Sep 2022 03:44

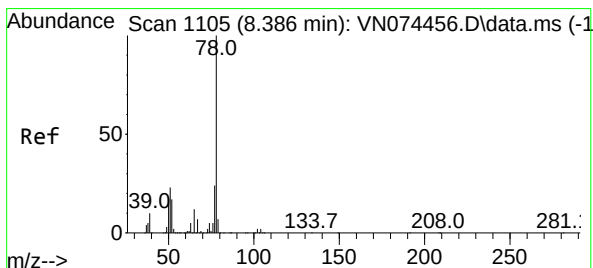
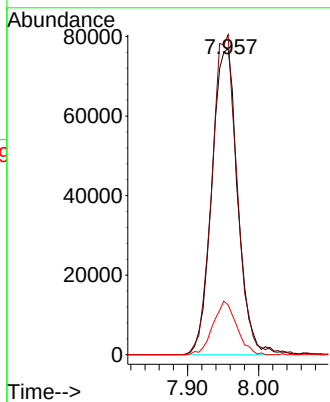
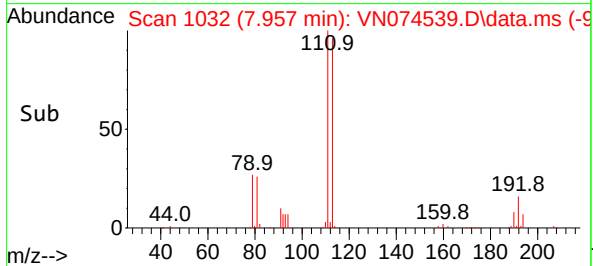
Instrument :
MSVOA_N
ClientSampleId :
MW-55



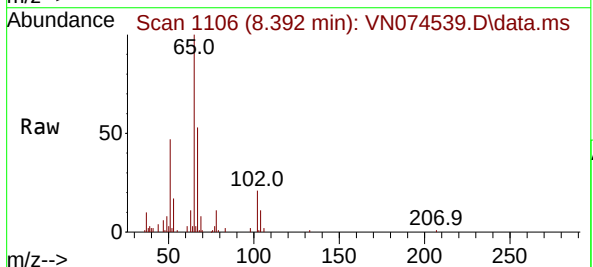
Tgt Ion: 113 Resp: 193364
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 16.1 17.0 25.6

Manual Integrations
APPROVED

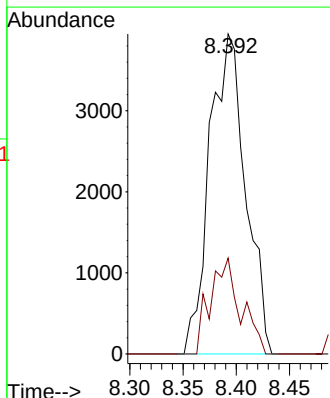
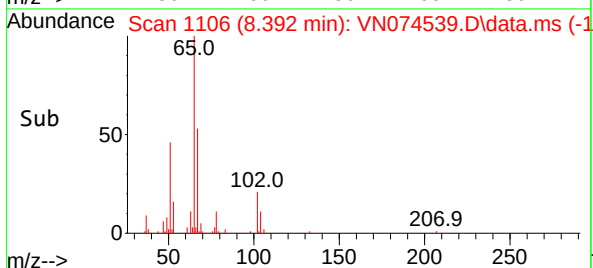
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

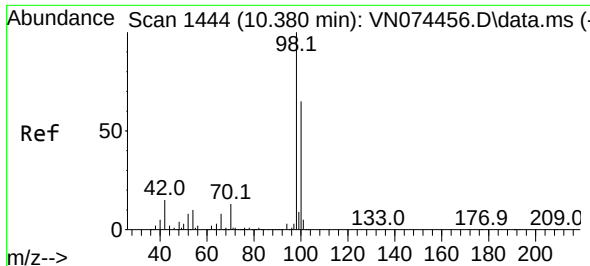


#40
Benzene
Concen: 0.457 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN074539.D
Acq: 17 Sep 2022 03:44



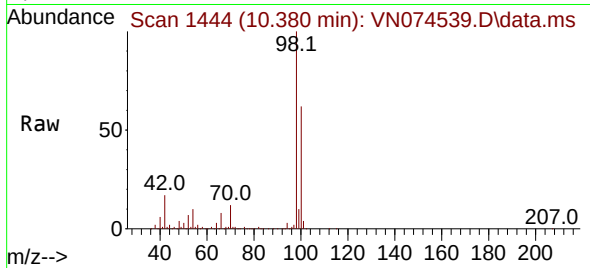
Tgt Ion: 78 Resp: 9269
Ion Ratio Lower Upper
78 100
77 30.0 19.4 29.0





#50
Toluene-d8
Concen: 48.993 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074539.D
Acq: 17 Sep 2022 03:44

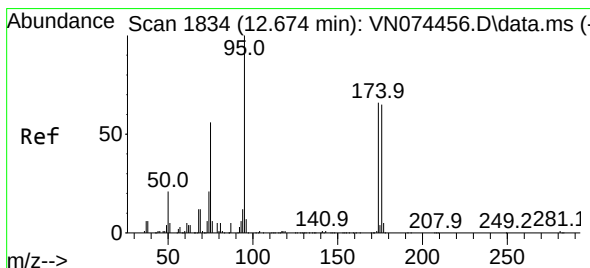
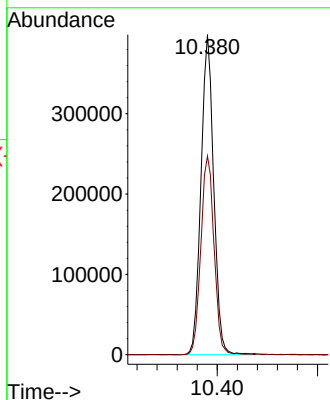
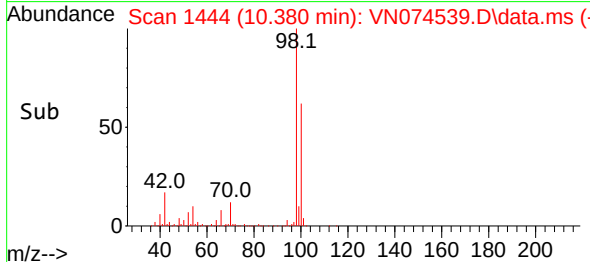
Instrument :
MSVOA_N
ClientSampleId :
MW-55



Tgt Ion: 98 Resp: 702740
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8

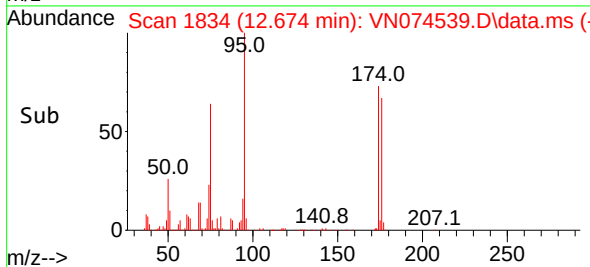
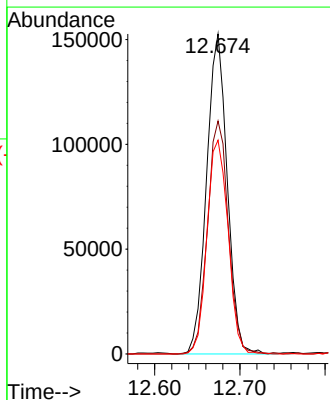
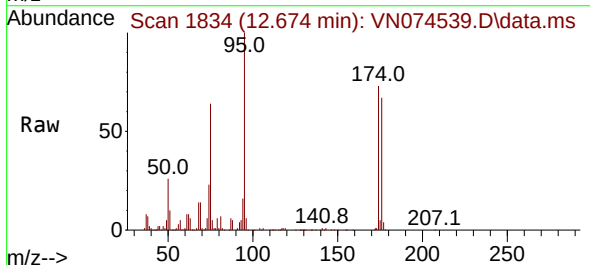
Manual Integrations
APPROVED

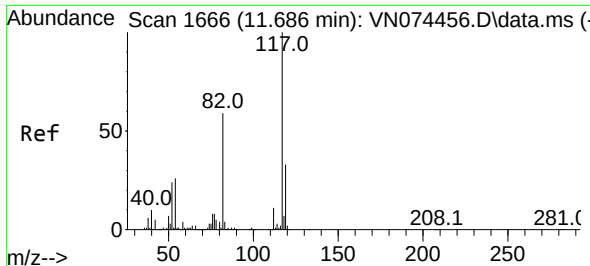
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#62
4-Bromofluorobenzene
Concen: 52.415 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074539.D
Acq: 17 Sep 2022 03:44

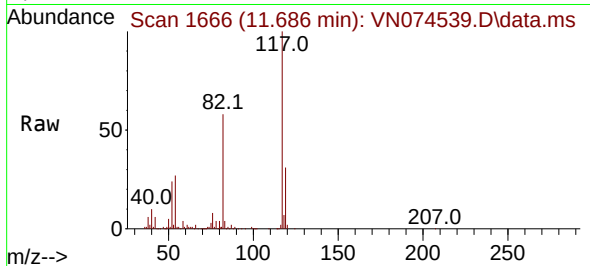
Tgt Ion: 95 Resp: 257495
Ion Ratio Lower Upper
95 100
174 73.8 0.0 167.6
176 68.2 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074539.D
Acq: 17 Sep 2022 03:44

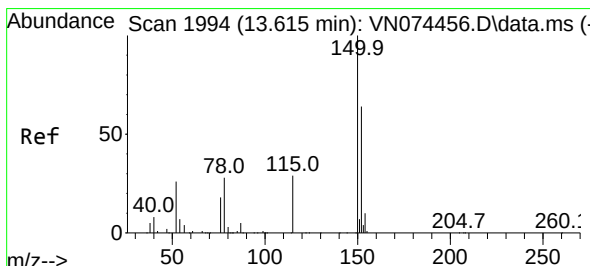
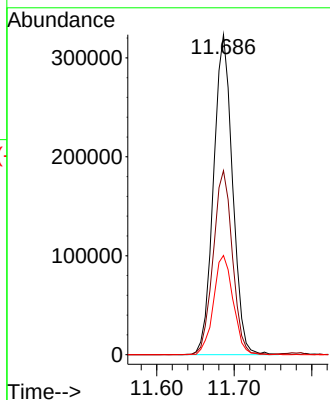
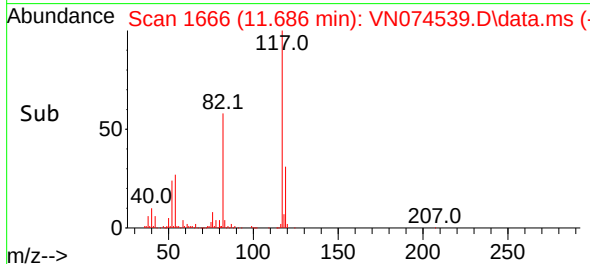
Instrument :
MSVOA_N
ClientSampleId :
MW-55



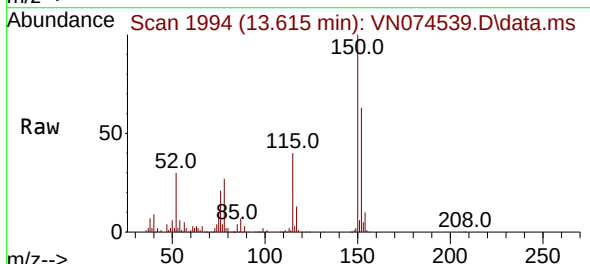
Tgt Ion:117 Resp: 55072
Ion Ratio Lower Upper
117 100
82 57.5 44.2 66.2
119 31.0 25.4 38.0

Manual Integrations
APPROVED

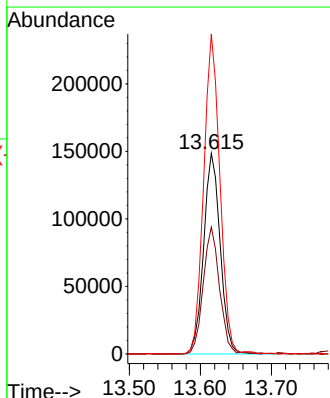
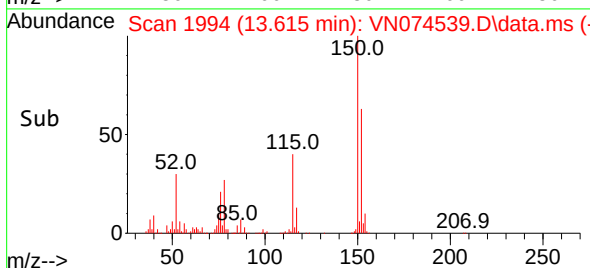
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

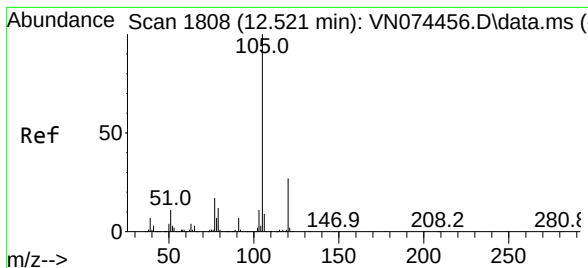


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074539.D
Acq: 17 Sep 2022 03:44



Tgt Ion:152 Resp: 241091
Ion Ratio Lower Upper
152 100
115 62.2 28.9 86.7
150 156.3 0.0 356.2





#73

Isopropylbenzene

Concen: 0.261 ug/l

RT: 12.521 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VN074539.D

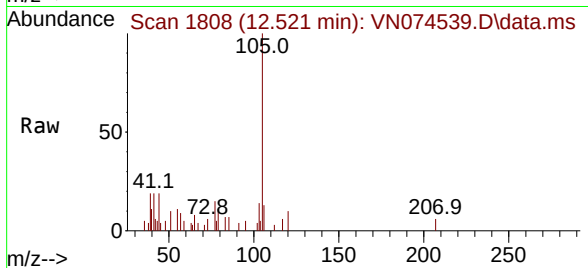
Acq: 17 Sep 2022 03:44

Instrument :

MSVOA_N

ClientSampleId :

MW-55



Tgt Ion:105 Resp: 6440

Ion Ratio Lower Upper

105 100

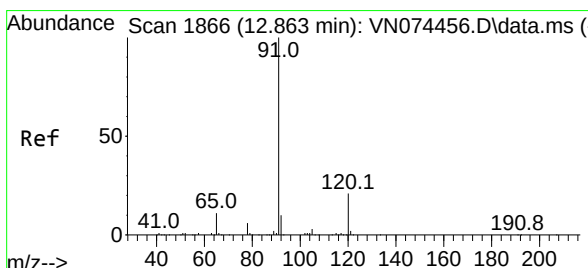
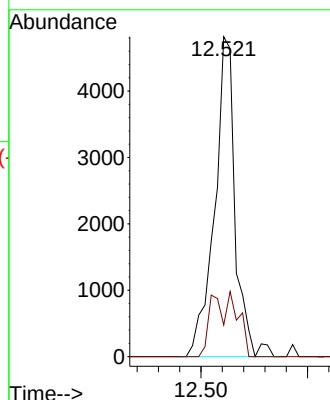
120 13.3 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#78

n-propylbenzene

Concen: 0.359 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. -0.000 min

Lab File: VN074539.D

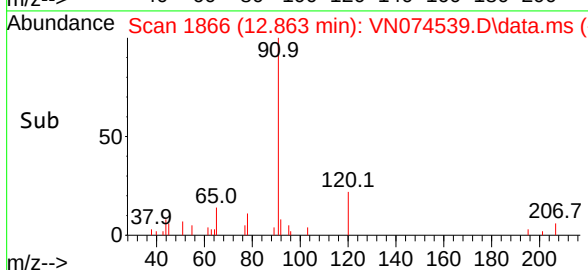
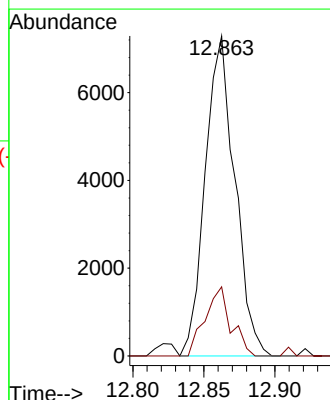
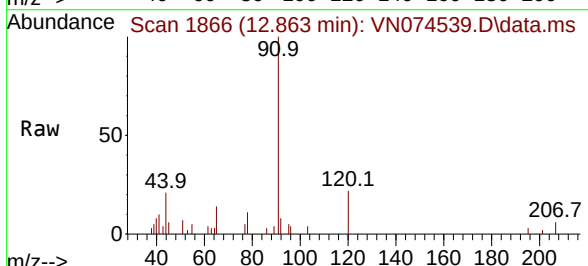
Acq: 17 Sep 2022 03:44

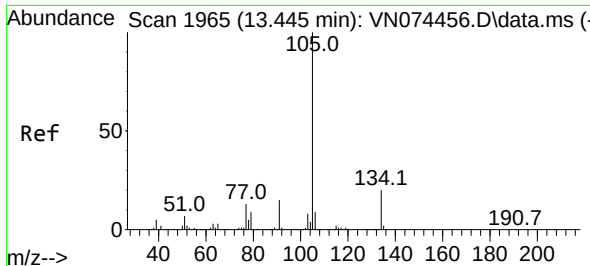
Tgt Ion: 91 Resp: 10569

Ion Ratio Lower Upper

91 100

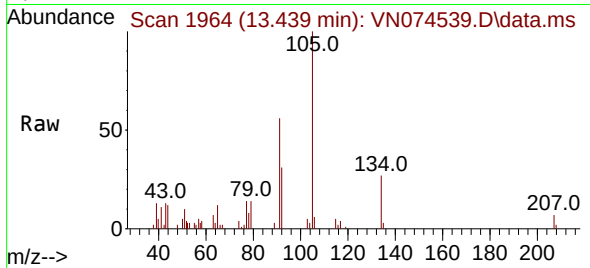
120 18.9 11.9 35.5





#85
 sec-Butylbenzene
 Concen: 0.782 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.006 min
 Lab File: VN074539.D
 Acq: 17 Sep 2022 03:44

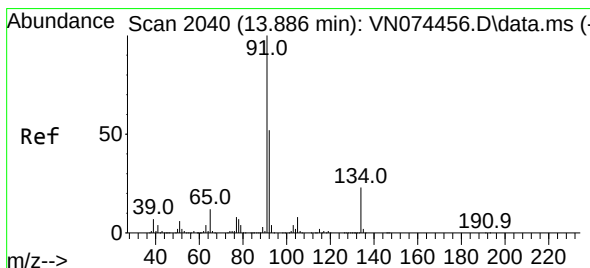
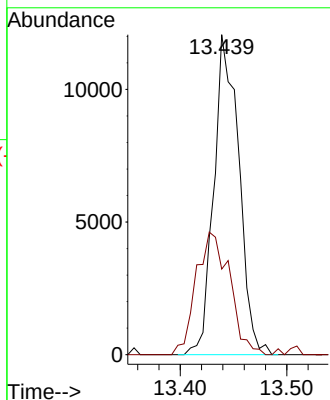
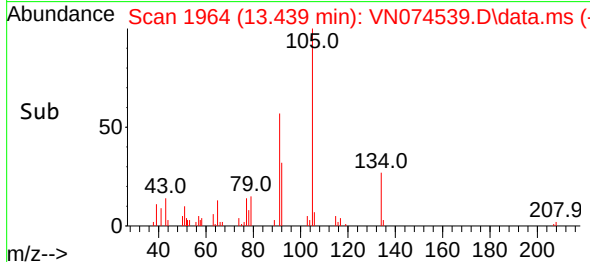
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-55



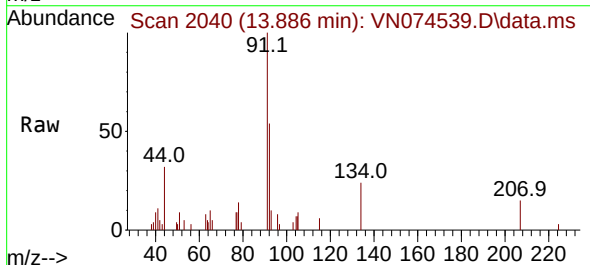
Tgt Ion:105 Resp: 19670
 Ion Ratio Lower Upper
 105 100
 134 51.4 10.4 31.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022



#89
 n-Butylbenzene
 Concen: 0.606 ug/l
 RT: 13.886 min Scan# 2040
 Delta R.T. -0.000 min
 Lab File: VN074539.D
 Acq: 17 Sep 2022 03:44



Tgt Ion: 91 Resp: 10714
 Ion Ratio Lower Upper
 91 100
 92 44.8 26.9 80.7
 134 19.1 13.6 40.8

