

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041522\
 Data File : VN072022.D
 Acq On : 15 Apr 2022 23:40
 Operator : JC\MD
 Sample : PB144101ZHE#10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB144101ZHE#10

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/18/2022
 Supervised By :Semsettin Yesilyurt 04/18/2022

Quant Time: Apr 16 01:07:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.710	168	607640m	50.000	ug/l	-0.37
34) 1,4-Difluorobenzene	8.710	114	1051548	50.000	ug/l	-0.25
63) Chlorobenzene-d5	11.686	117	1227760m	50.000	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	13.657	152	469391	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.098	65	332666	47.956	ug/l	-0.34
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.920%		
35) Dibromofluoromethane	7.616	113	290513	46.950	ug/l	-0.40
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.900%		
50) Toluene-d8	10.316	98	1371699	54.190	ug/l	-0.12
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.380%		
62) 4-Bromofluorobenzene	12.698	95	510972m	62.416	ug/l	-0.03
Spiked Amount 50.000	Range 58 - 135		Recovery =	124.840%		
Target Compounds					Qvalue	
16) Acetone	3.275	43	17019m	5.741	ug/l	
43) Isopropyl Acetate	8.263	43	53701	3.414	ug/l #	92
71) Bromoform	12.698	173	3872	0.573	ug/l #	1

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

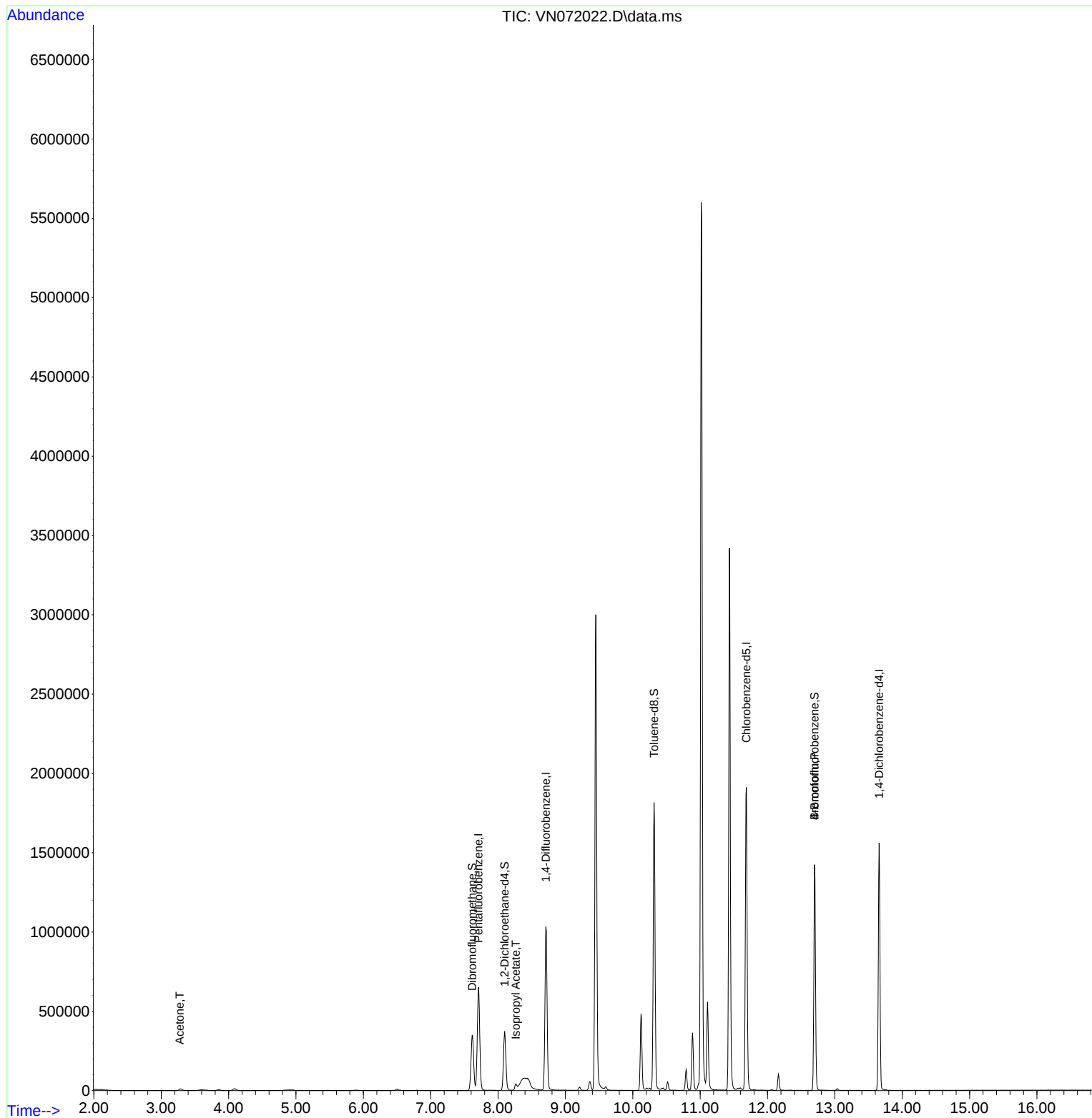
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041522\
Data File : VN072022.D
Acq On : 15 Apr 2022 23:40
Operator : JC\MD
Sample : PB144101ZHE#10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

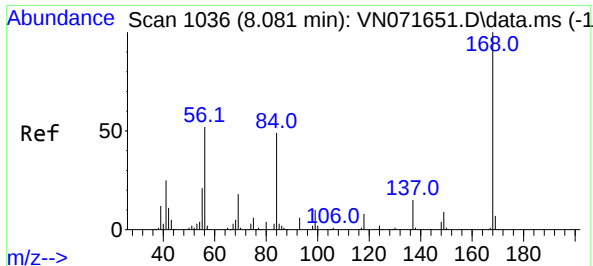
Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#10

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/18/2022
Supervised By :Semsettin Yesilyurt 04/18/2022

Quant Time: Apr 16 01:07:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l m

RT: 7.710 min Scan# 91

Delta R.T. -0.371 min

Lab File: VN072022.D

Acq: 15 Apr 2022 23:40

Instrument :

MSVOA_N

ClientSampleId :

PB144101ZHE#10

Tgt Ion:168 Resp: 607640

Ion Ratio Lower Upper

168 100

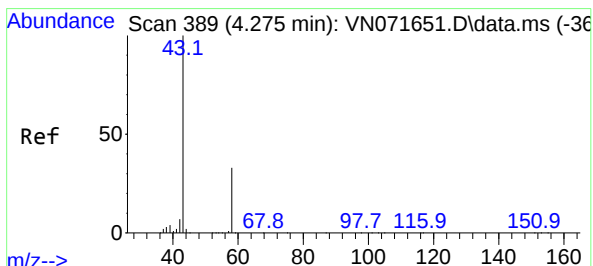
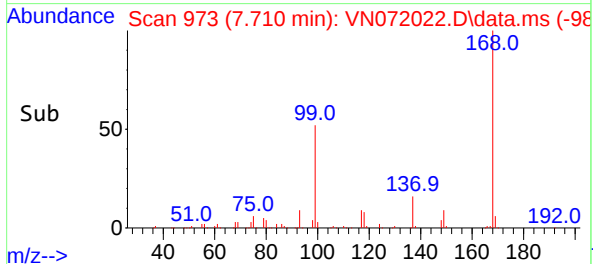
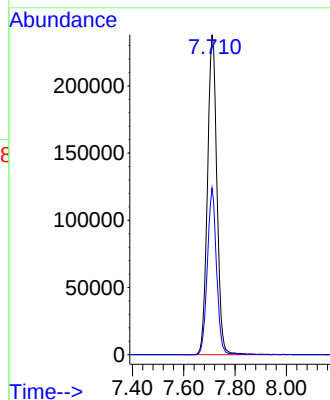
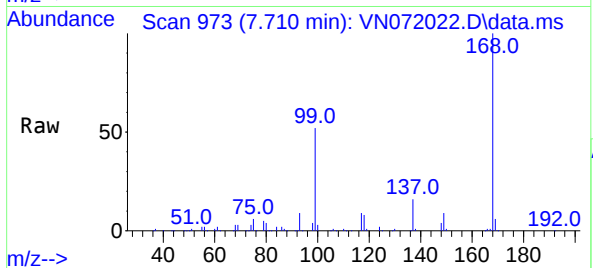
99 52.0 42.3 63.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/18/2022

Supervised By :Semsettin Yesilyurt 04/18/2022



#16

Acetone

Concen: 5.741 ug/l m

RT: 3.275 min Scan# 219

Delta R.T. -1.000 min

Lab File: VN072022.D

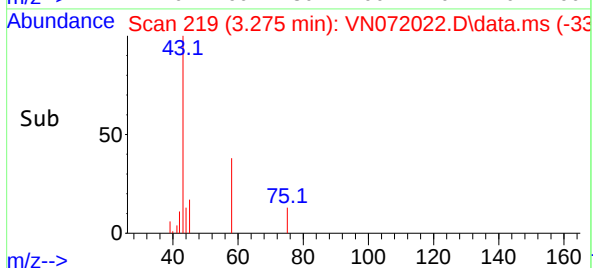
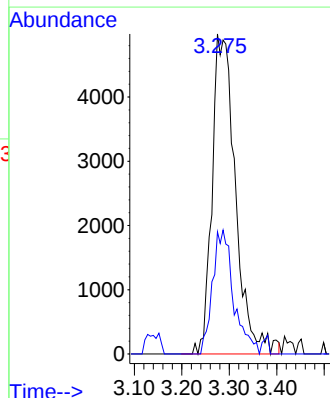
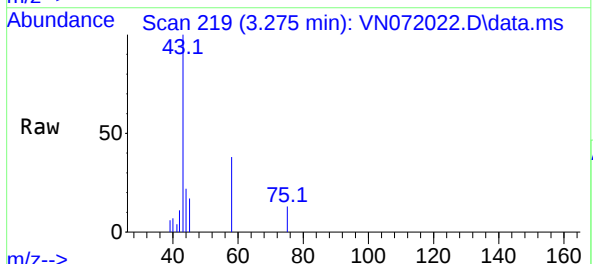
Acq: 15 Apr 2022 23:40

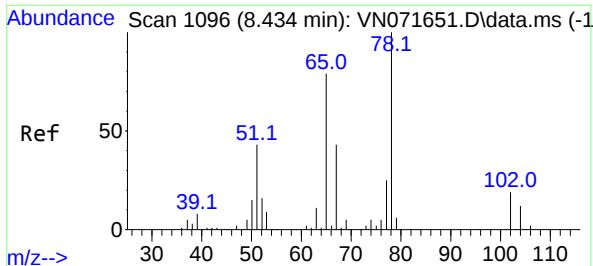
Tgt Ion: 43 Resp: 17019

Ion Ratio Lower Upper

43 100

58 38.2 26.0 39.0





#33

1,2-Dichloroethane-d4

Concen: 47.956 ug/l

RT: 8.098 min Scan# 110

Delta R.T. -0.336 min

Lab File: VN072022.D

Acq: 15 Apr 2022 23:40

Instrument :

MSVOA_N

ClientSampleId :

PB144101ZHE#10

Tgt Ion: 65 Resp: 332660

Ion Ratio Lower Upper

65 100

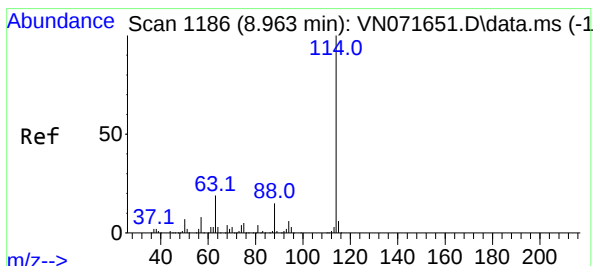
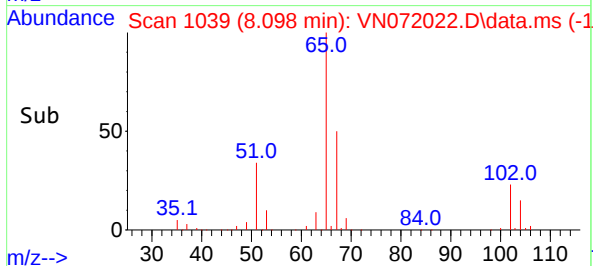
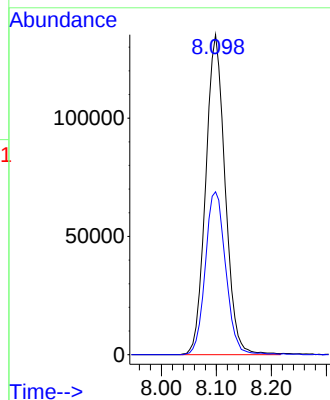
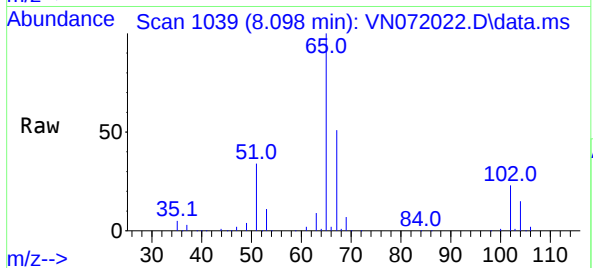
67 53.3 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/18/2022

Supervised By :Semsettin Yesilyurt 04/18/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1143

Delta R.T. -0.253 min

Lab File: VN072022.D

Acq: 15 Apr 2022 23:40

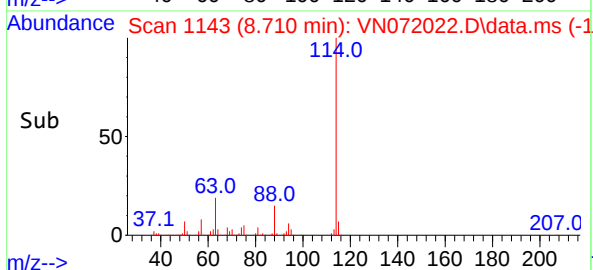
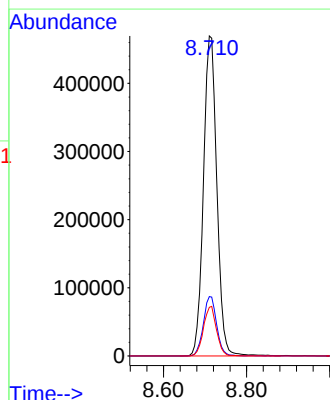
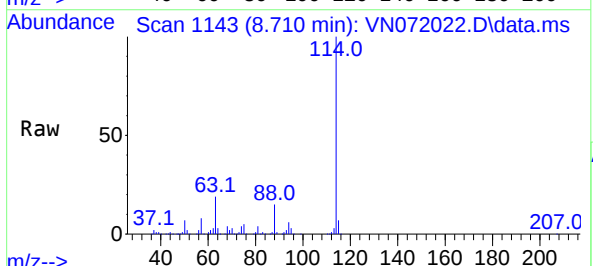
Tgt Ion:114 Resp: 1051548

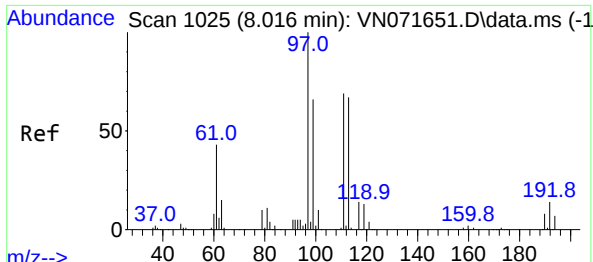
Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

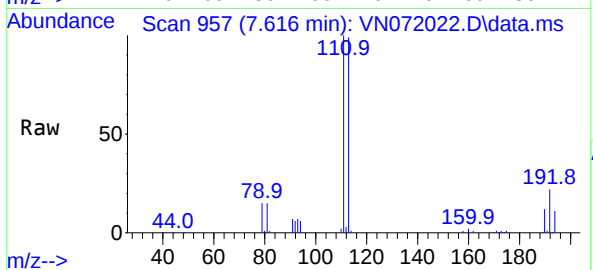
88 15.2 0.0 32.6





#35
Dibromofluoromethane
Concen: 46.950 ug/l
RT: 7.616 min Scan# 91
Delta R.T. -0.400 min
Lab File: VN072022.D
Acq: 15 Apr 2022 23:40

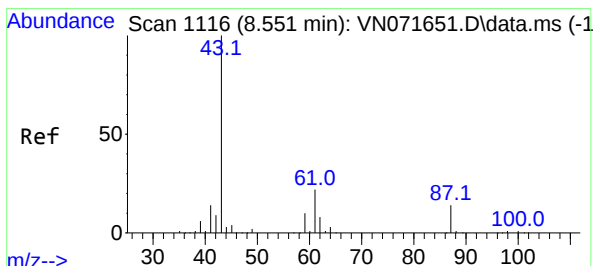
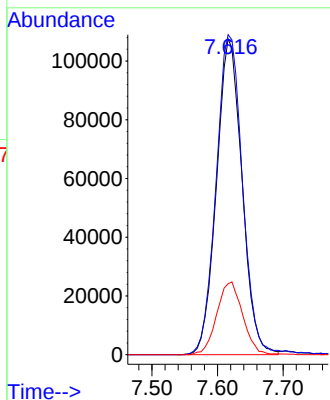
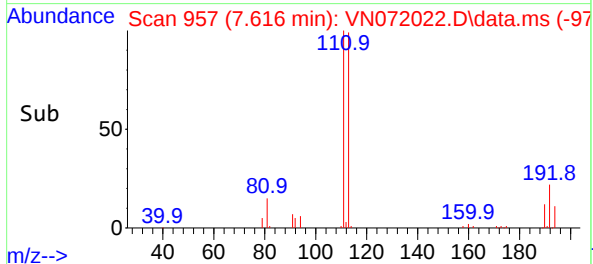
Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#10



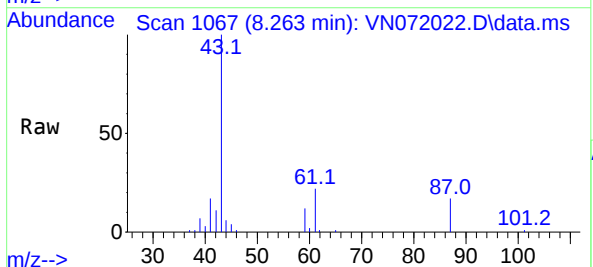
Tgt Ion: 113 Resp: 29051
Ion Ratio Lower Upper
113 100
111 104.9 81.4 122.0
192 23.4 17.0 25.6

Manual Integrations
APPROVED

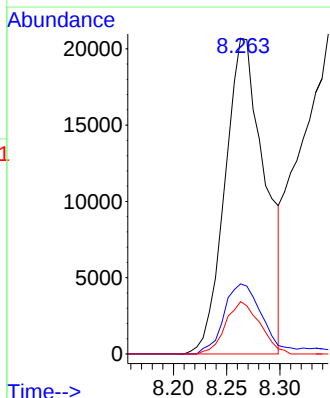
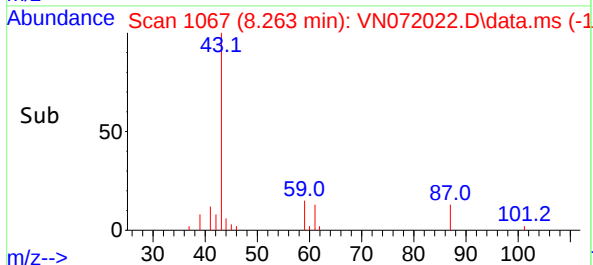
Reviewed By :Mahesh Dadoda 04/18/2022
Supervised By :Semsettin Yesilyurt 04/18/2022

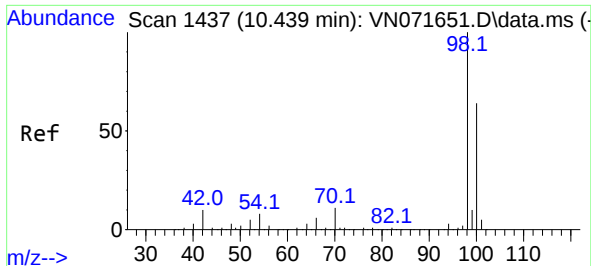


#43
Isopropyl Acetate
Concen: 3.414 ug/l
RT: 8.263 min Scan# 1067
Delta R.T. -0.288 min
Lab File: VN072022.D
Acq: 15 Apr 2022 23:40



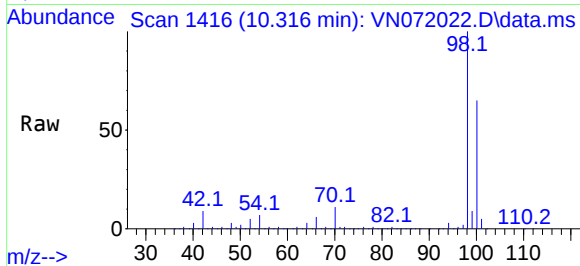
Tgt Ion: 43 Resp: 53701
Ion Ratio Lower Upper
43 100
61 21.3 21.9 32.9#
87 14.3 12.0 18.0





#50
Toluene-d8
Concen: 54.190 ug/l
RT: 10.316 min Scan# 1437
Delta R.T. -0.123 min
Lab File: VN072022.D
Acq: 15 Apr 2022 23:40

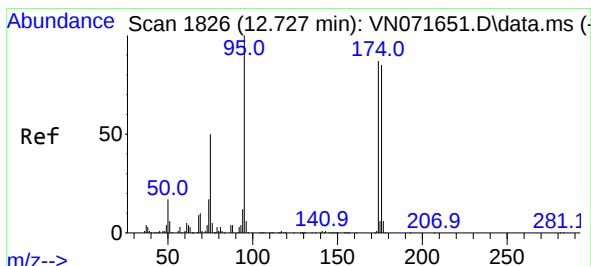
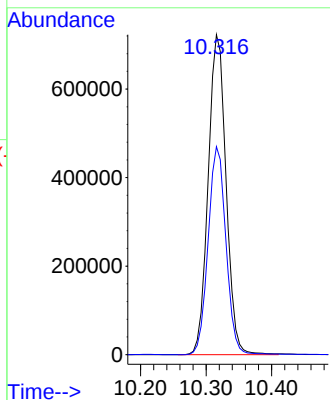
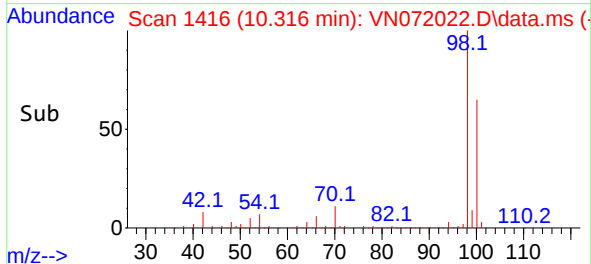
Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#10



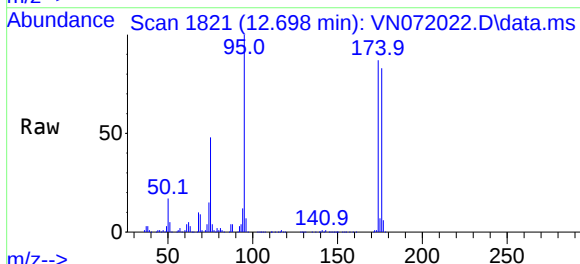
Tgt Ion: 98 Resp: 1371699
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

Manual Integrations
APPROVED

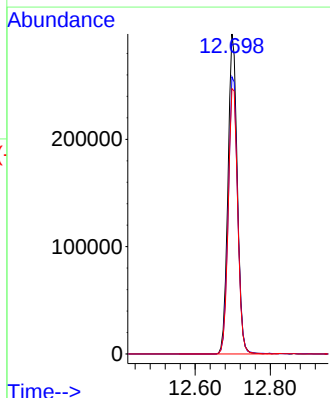
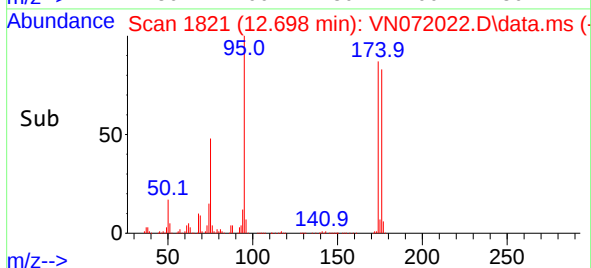
Reviewed By :Mahesh Dadoda 04/18/2022
Supervised By :Semsettin Yesilyurt 04/18/2022

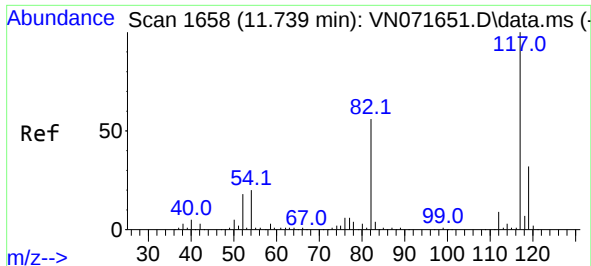


#62
4-Bromofluorobenzene
Concen: 62.416 ug/l m
RT: 12.698 min Scan# 1821
Delta R.T. -0.029 min
Lab File: VN072022.D
Acq: 15 Apr 2022 23:40



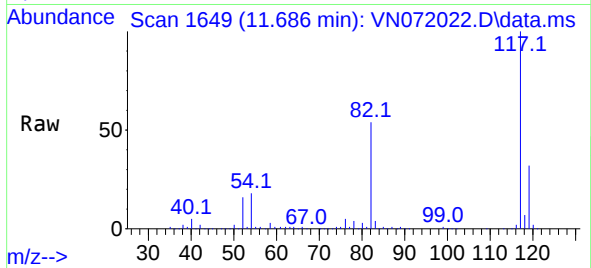
Tgt Ion: 95 Resp: 510972
Ion Ratio Lower Upper
95 100
174 0.0 0.0 167.6
176 0.0 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l m
RT: 11.686 min Scan# 117
Delta R.T. -0.053 min
Lab File: VN072022.D
Acq: 15 Apr 2022 23:40

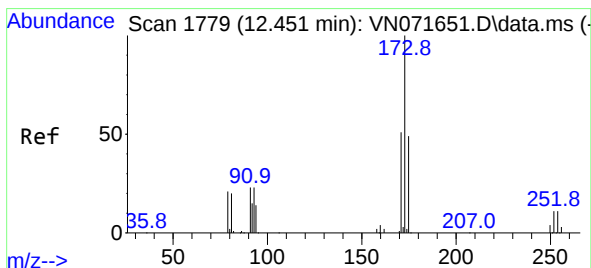
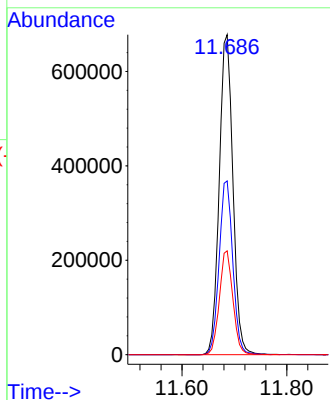
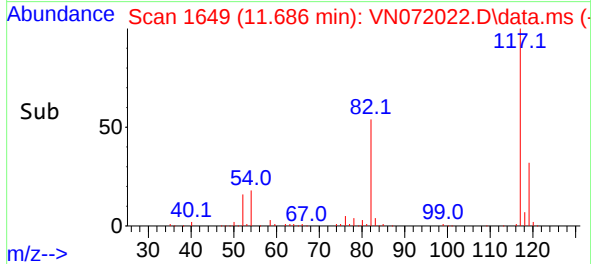
Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#10



Tgt Ion:117 Resp: 1227760
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 32.5 25.4 38.0

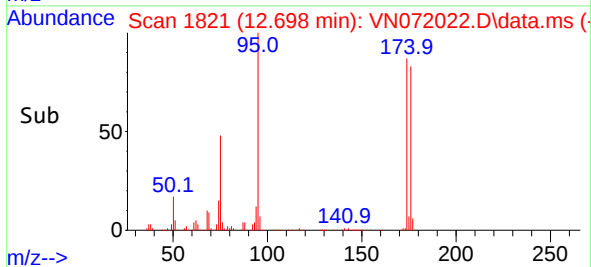
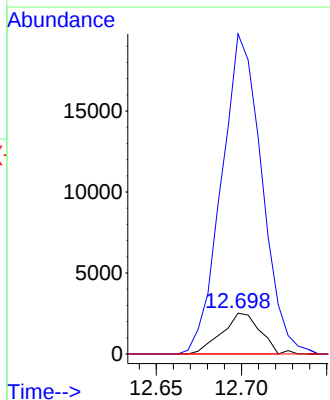
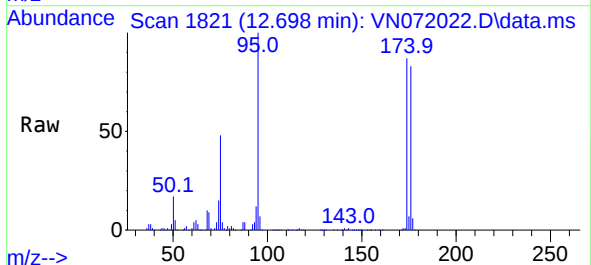
Manual Integrations
APPROVED

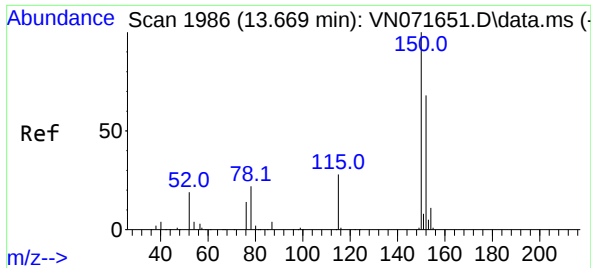
Reviewed By :Mahesh Dadoda 04/18/2022
Supervised By :Semsettin Yesilyurt 04/18/2022



#71
Bromoform
Concen: 0.573 ug/l
RT: 12.698 min Scan# 1821
Delta R.T. 0.247 min
Lab File: VN072022.D
Acq: 15 Apr 2022 23:40

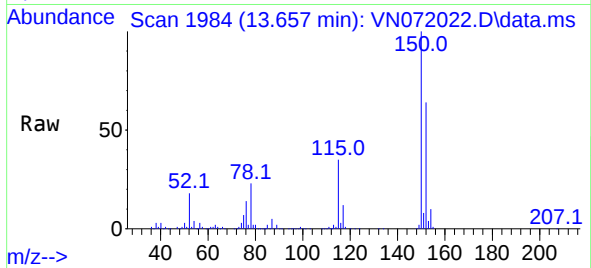
Tgt Ion:173 Resp: 3872
Ion Ratio Lower Upper
173 100
175 834.2 24.6 73.6#
254 0.0 0.1 0.1#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.657 min Scan# 1984
 Delta R.T. -0.012 min
 Lab File: VN072022.D
 Acq: 15 Apr 2022 23:40

Instrument : MSVOA_N
 ClientSampleId : PB144101ZHE#10



Tgt Ion:152 Resp: 46939
 Ion Ratio Lower Upper
 152 100
 115 55.1 28.9 86.7
 150 155.0 0.0 356.2

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/18/2022
 Supervised By :Semsettin Yesilyurt 04/18/2022

