

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048806.D
 Acq On : 02 Jun 2022 16:12
 Operator : SY/MD
 Sample : N3087-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-14

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 06/03/2022
 Supervised By : Semsettin Yesilyurt 06/03/2022

Quant Time: Jun 02 16:47:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	351344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	581495	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	522944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	272893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	232243	44.014	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.020%		
35) Dibromofluoromethane	5.288	113	182003	43.872	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.740%		
50) Toluene-d8	7.896	98	705768	47.460	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.920%		
62) 4-Bromofluorobenzene	10.632	95	270665	48.126	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.260%		
Target Compounds						
					Qvalue	
16) Acetone	2.623	43	5936	2.207	ug/l #	82
39) Methylcyclohexane	6.761	83	45455	7.160	ug/l	97
40) Benzene	5.774	78	11798	0.660	ug/l	98
52) Toluene	7.970	92	15616	1.461	ug/l	96
67) Ethyl Benzene	9.571	91	306618	16.437	ug/l	100
68) m/p-Xylenes	9.693	106	35267	4.834	ug/l	99
69) o-Xylene	10.102	106	39433	5.501	ug/l	97
73) Isopropylbenzene	10.484	105	1649562	93.630	ug/l	100
78) n-propylbenzene	10.906	91	1879997	89.553	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	430371	28.090	ug/l	98
84) 1,2,4-Trimethylbenzene	11.471	105	10692686	633.392	ug/l	99
85) sec-Butylbenzene	11.645	105	98912m	5.377	ug/l	
86) p-Isopropyltoluene	11.793	119	338109m	21.402	ug/l	
89) n-Butylbenzene	12.192	91	325986	21.900	ug/l #	14

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

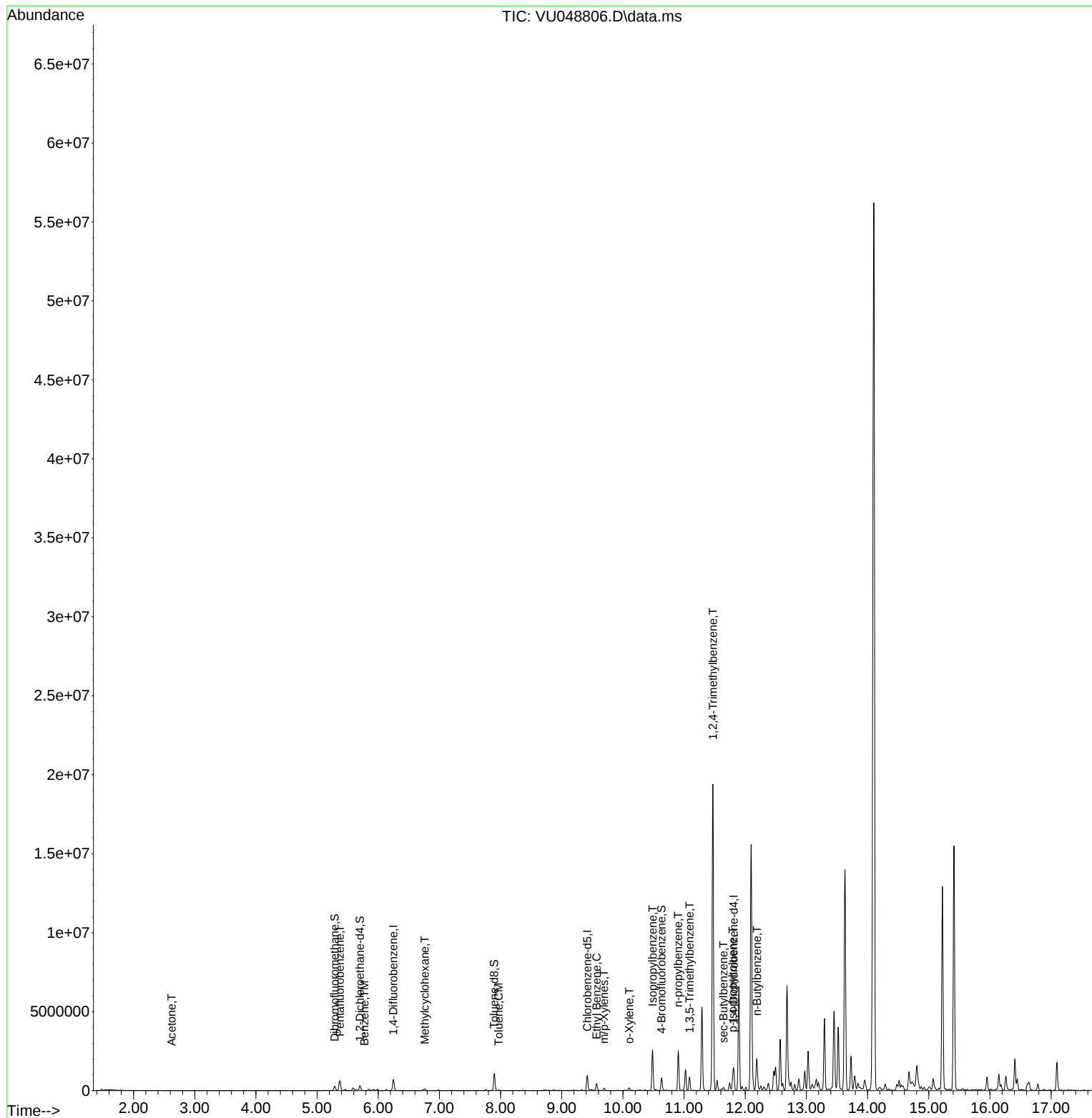
```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\  
Data File : VU048806.D  
Acq On    : 02 Jun 2022  16:12  
Operator  : SY/MD  
Sample    : N3087-08  
Misc      : 5.0mL/MSVOA_U/WATER  
ALS Vial  : 13   Sample Multiplier: 1
```

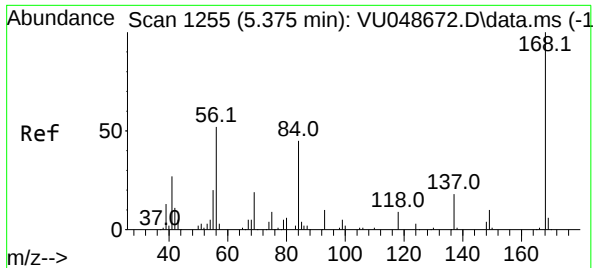
Instrument :
MSVOA_U
ClientSampleId :
MW-14

Manual Integrations

Reviewed By :Mahesh Dadoda 06/03/2022
Supervised By :Semsettin Yesilyurt 06/03/2022

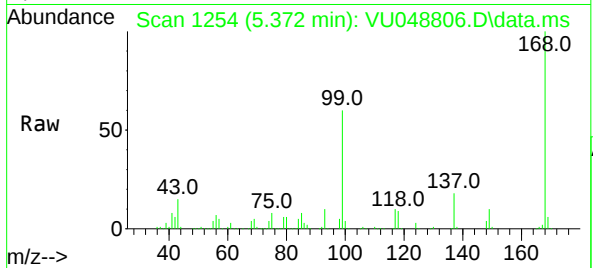
Quant Time: Jun 02 16:47:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048806.D
Acq: 02 Jun 2022 16:12

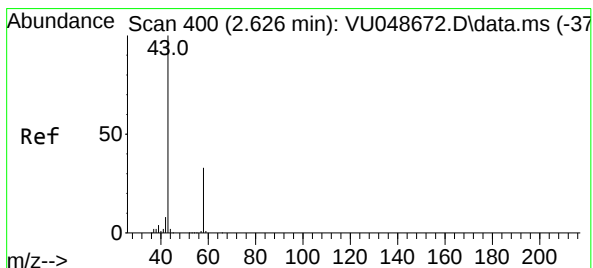
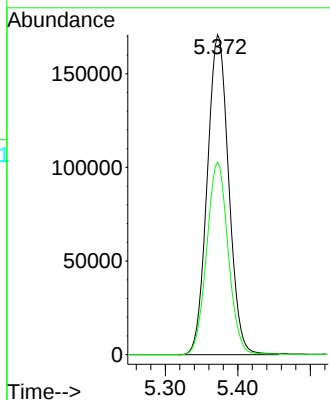
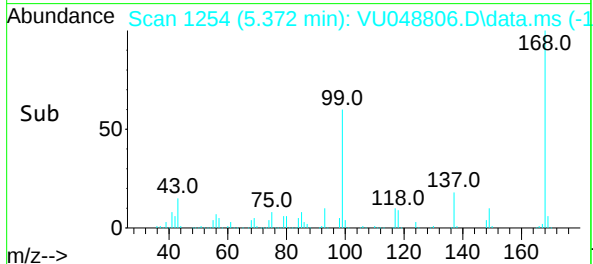
Instrument :
MSVOA_U
ClientSampleId :
MW-14



Tgt Ion:168 Resp: 351344
Ion Ratio Lower Upper
168 100
99 60.2 49.3 73.9

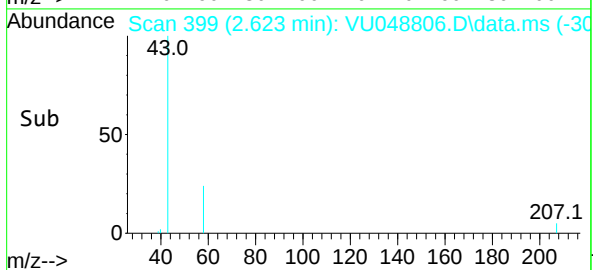
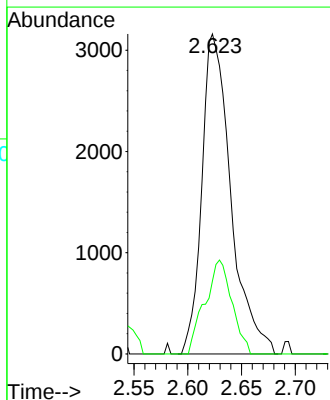
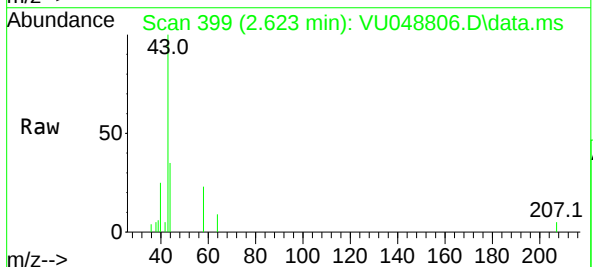
Manual Integrations
APPROVED

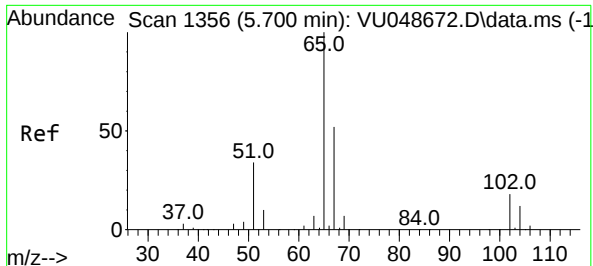
Reviewed By :Mahesh Dadoda 06/03/2022
Supervised By :Semsettin Yesilyurt 06/03/2022



#16
Acetone
Concen: 2.207 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048806.D
Acq: 02 Jun 2022 16:12

Tgt Ion: 43 Resp: 5936
Ion Ratio Lower Upper
43 100
58 22.8 26.3 39.5#





#33

1,2-Dichloroethane-d4

Concen: 44.014 ug/l

RT: 5.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048806.D

Acq: 02 Jun 2022 16:12

Instrument :

MSVOA_U

ClientSampleId :

MW-14

Tgt Ion: 65 Resp: 23224

Ion Ratio Lower Upper

65 100

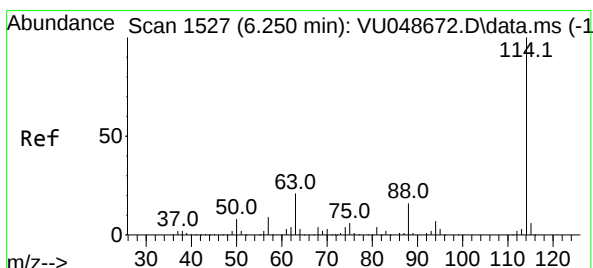
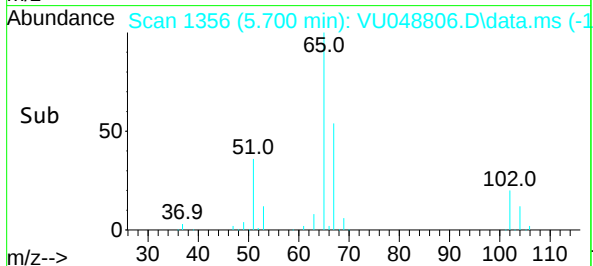
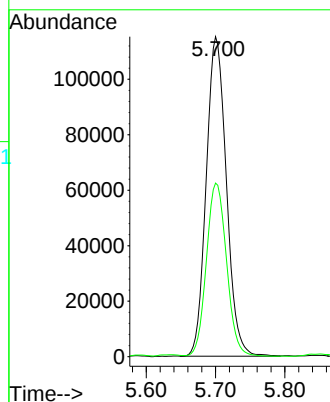
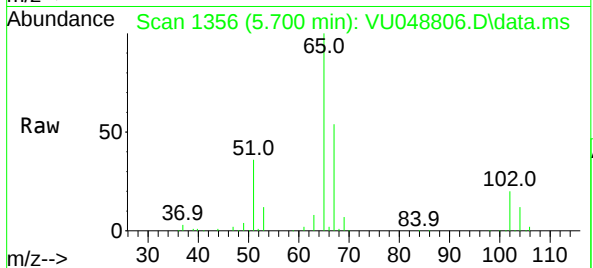
67 54.2 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/03/2022

Supervised By :Semsettin Yesilyurt 06/03/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. -0.003 min

Lab File: VU048806.D

Acq: 02 Jun 2022 16:12

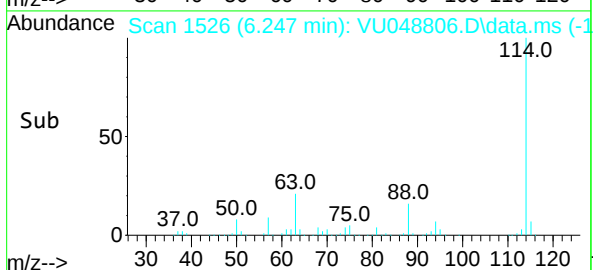
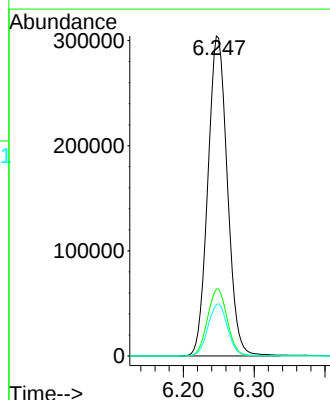
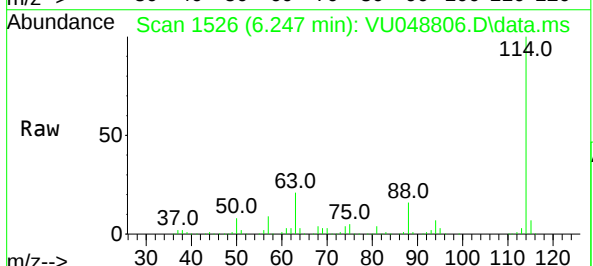
Tgt Ion:114 Resp: 581495

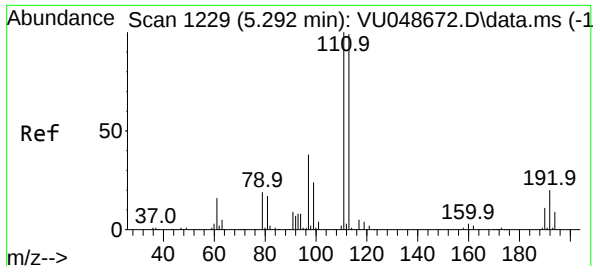
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

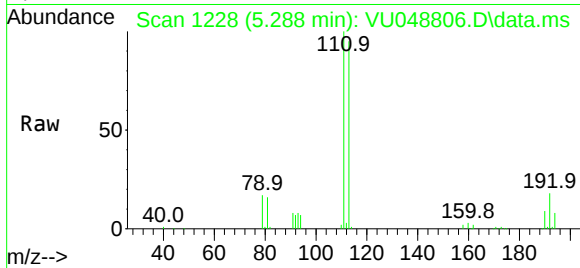
88 16.1 0.0 32.2





#35
Dibromofluoromethane
Concen: 43.872 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048806.D
Acq: 02 Jun 2022 16:12

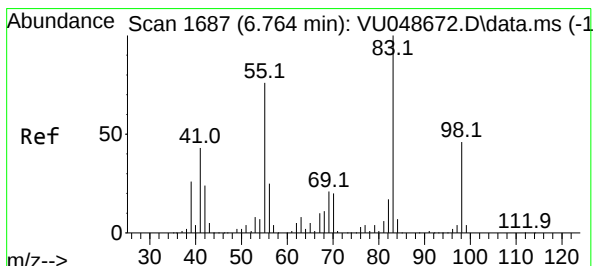
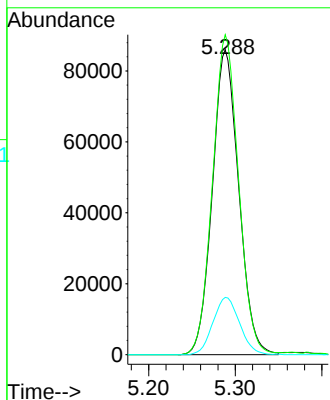
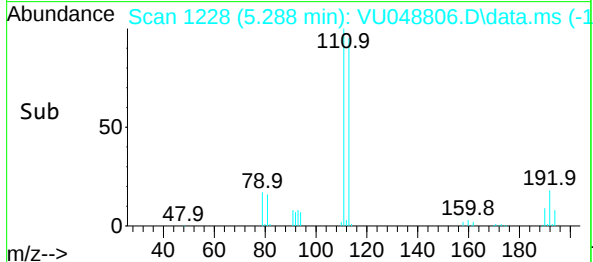
Instrument :
MSVOA_U
ClientSampleId :
MW-14



Tgt Ion: 113 Resp: 18200
Ion Ratio Lower Upper
113 100
111 103.3 80.7 121.1
192 19.0 15.9 23.9

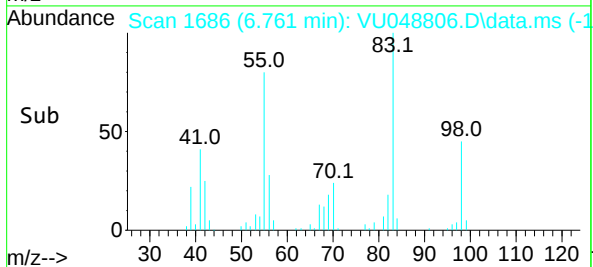
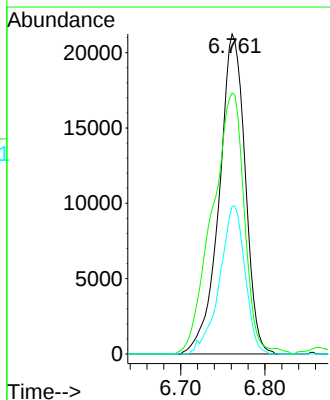
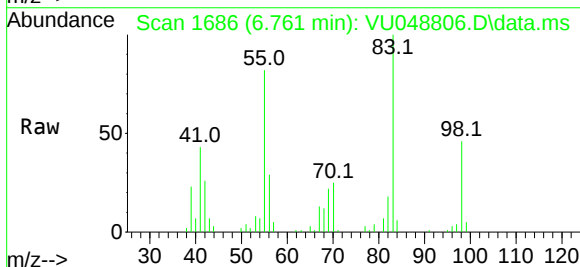
Manual Integrations
APPROVED

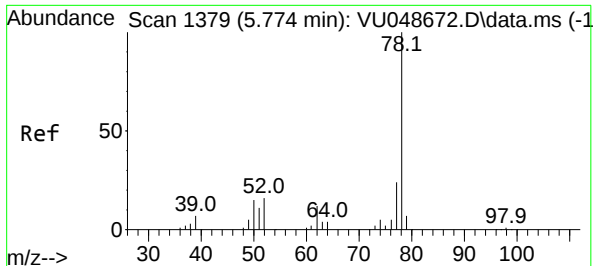
Reviewed By :Mahesh Dadoda 06/03/2022
Supervised By :Semsettin Yesilyurt 06/03/2022



#39
Methylcyclohexane
Concen: 7.160 ug/l
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU048806.D
Acq: 02 Jun 2022 16:12

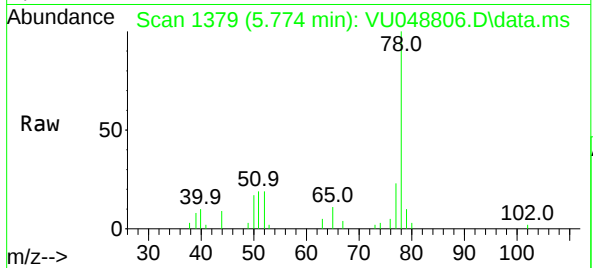
Tgt Ion: 83 Resp: 45455
Ion Ratio Lower Upper
83 100
55 81.0 61.0 91.6
98 46.1 36.8 55.2





#40
Benzene
Concen: 0.660 ug/l
RT: 5.774 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU048806.D
Acq: 02 Jun 2022 16:12

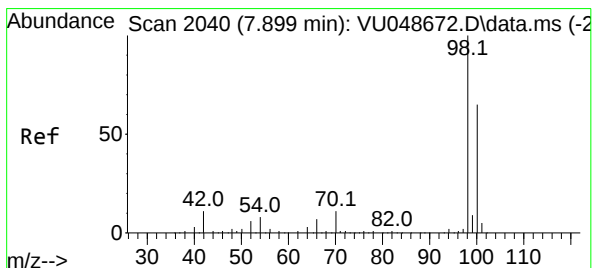
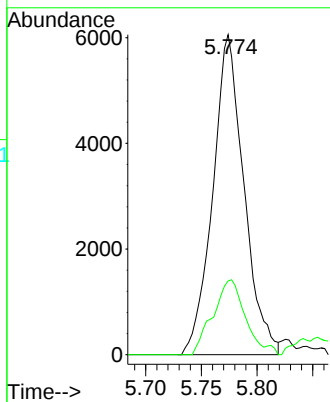
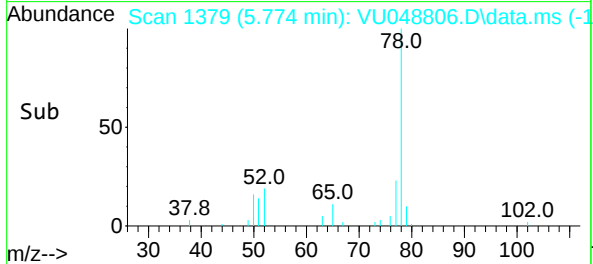
Instrument :
MSVOA_U
ClientSampleId :
MW-14



Tgt Ion: 78 Resp: 1179
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6

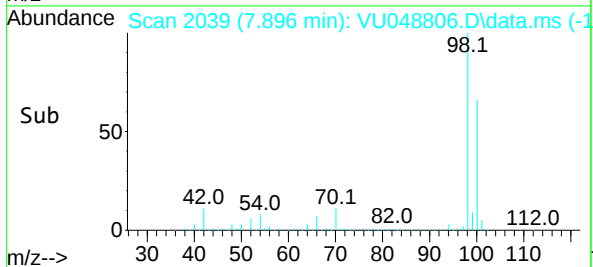
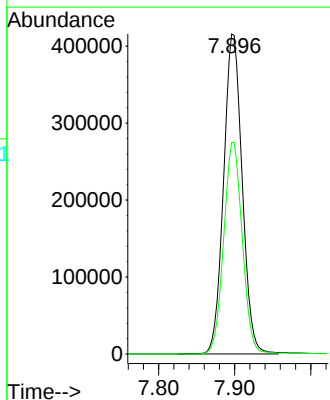
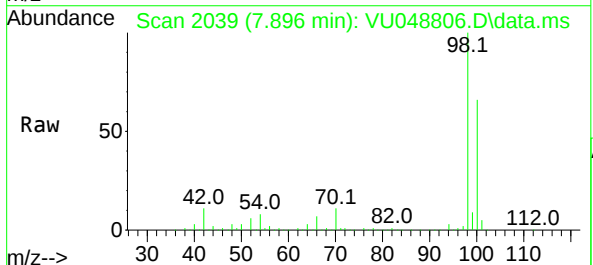
Manual Integrations
APPROVED

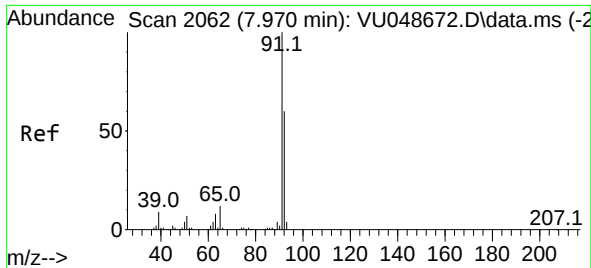
Reviewed By :Mahesh Dadoda 06/03/2022
Supervised By :Semsettin Yesilyurt 06/03/2022



#50
Toluene-d8
Concen: 47.460 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.003 min
Lab File: VU048806.D
Acq: 02 Jun 2022 16:12

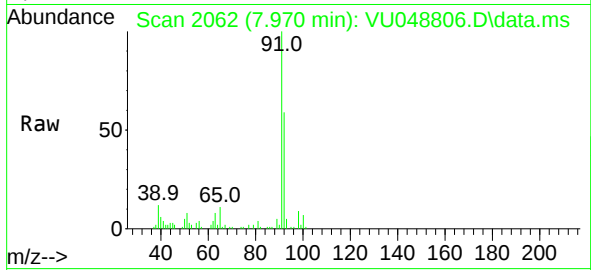
Tgt Ion: 98 Resp: 705768
Ion Ratio Lower Upper
98 100
100 66.1 52.2 78.4





#52
Toluene
Concen: 1.461 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU048806.D
Acq: 02 Jun 2022 16:12

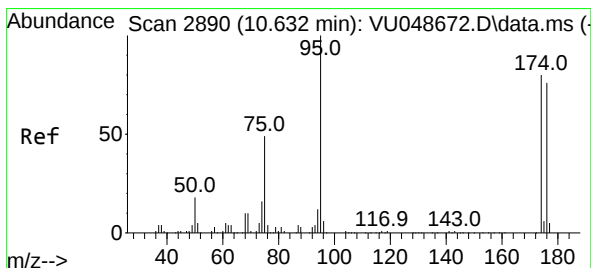
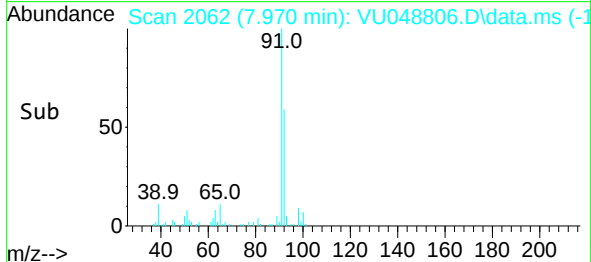
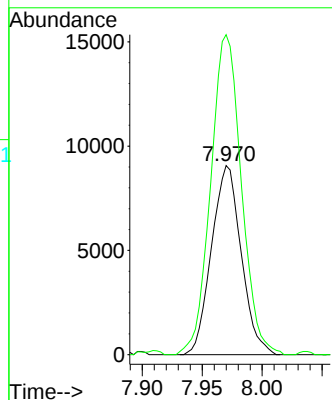
Instrument :
MSVOA_U
ClientSampleId :
MW-14



Tgt Ion: 92 Resp: 15610
Ion Ratio Lower Upper
92 100
91 174.7 135.0 202.4

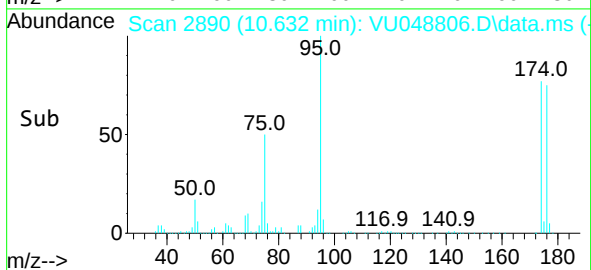
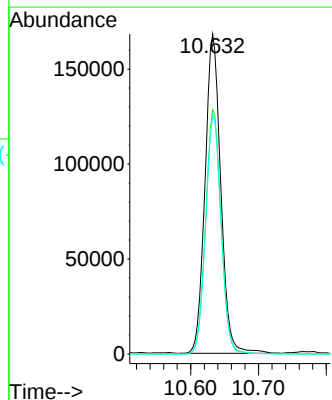
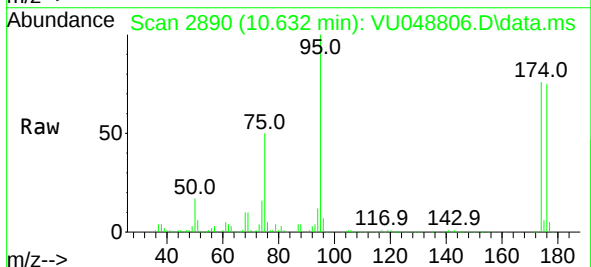
Manual Integrations
APPROVED

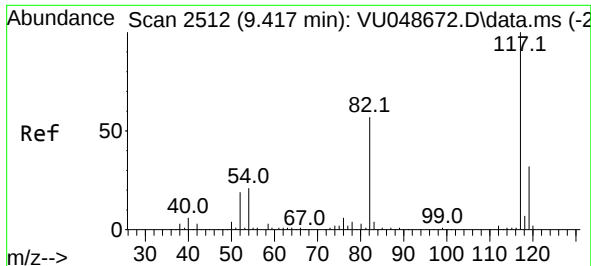
Reviewed By :Mahesh Dadoda 06/03/2022
Supervised By :Semsettin Yesilyurt 06/03/2022



#62
4-Bromofluorobenzene
Concen: 48.126 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048806.D
Acq: 02 Jun 2022 16:12

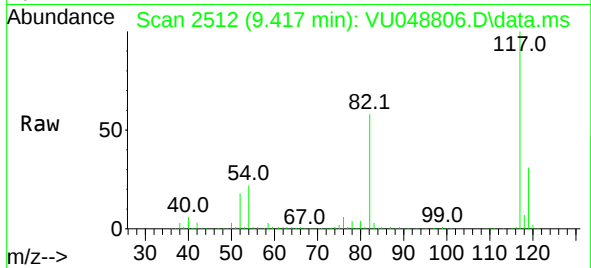
Tgt Ion: 95 Resp: 270665
Ion Ratio Lower Upper
95 100
174 75.2 0.0 159.4
176 73.5 0.0 152.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048806.D
Acq: 02 Jun 2022 16:12

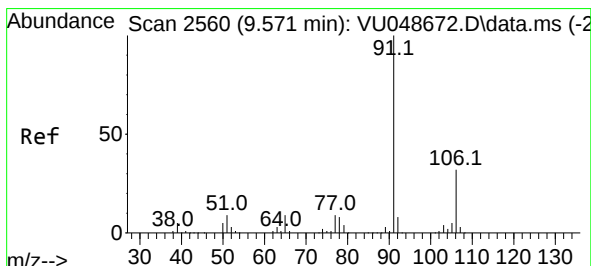
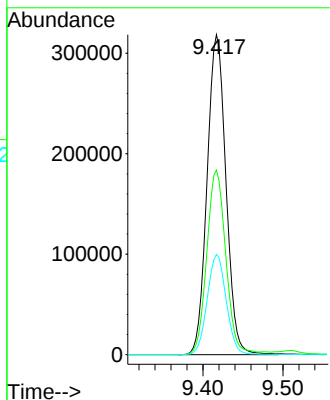
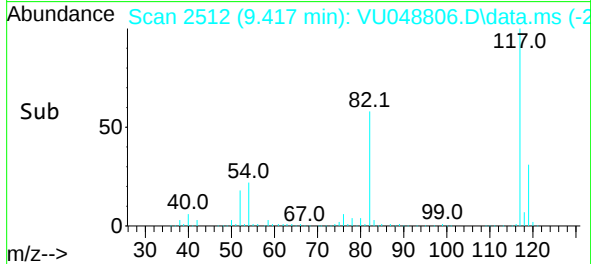
Instrument :
MSVOA_U
ClientSampleId :
MW-14



Tgt Ion:117 Resp: 522944
Ion Ratio Lower Upper
117 100
82 57.6 45.3 67.9
119 31.4 25.4 38.2

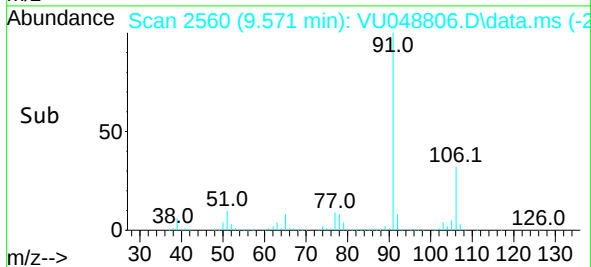
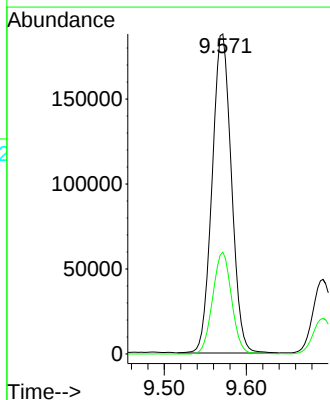
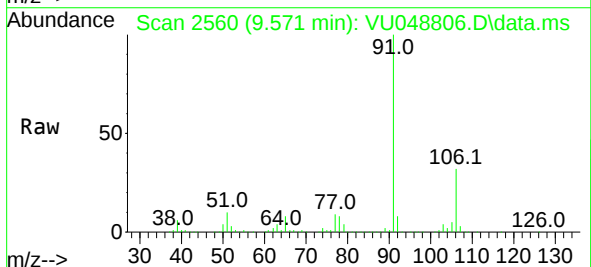
Manual Integrations
APPROVED

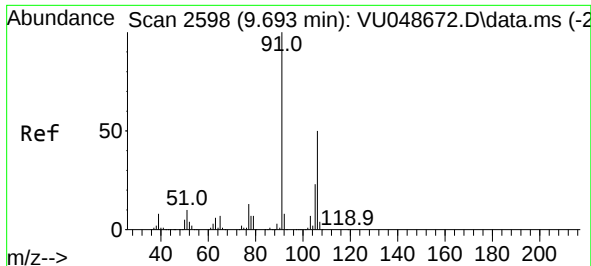
Reviewed By :Mahesh Dadoda 06/03/2022
Supervised By :Semsettin Yesilyurt 06/03/2022



#67
Ethyl Benzene
Concen: 16.437 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048806.D
Acq: 02 Jun 2022 16:12

Tgt Ion: 91 Resp: 306618
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.2





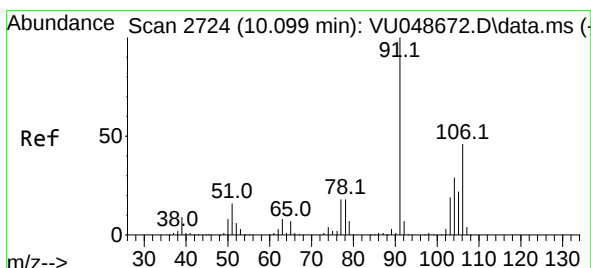
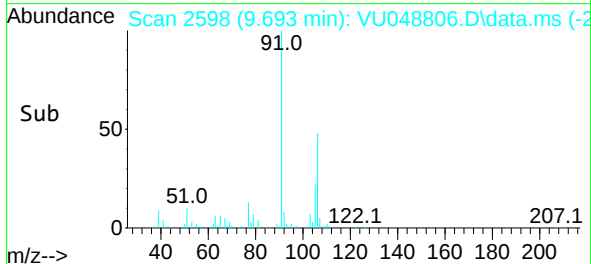
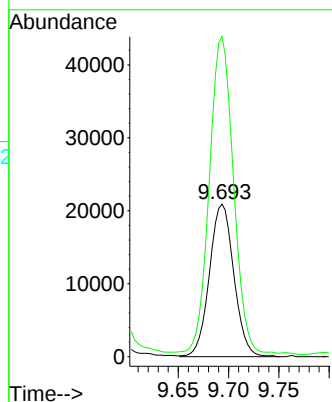
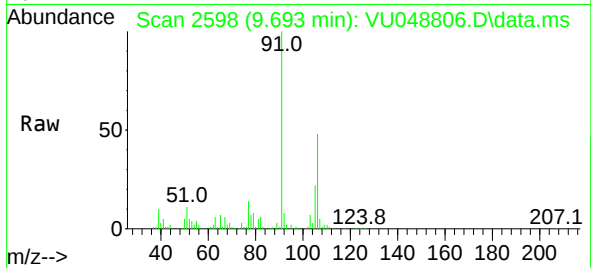
#68
m/p-Xylenes
Concen: 4.834 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU048806.D
Acq: 02 Jun 2022 16:12

Instrument :
MSVOA_U
ClientSampleId :
MW-14

Tgt Ion:106 Resp: 3526
Ion Ratio Lower Upper
106 100
91 204.5 162.4 243.6

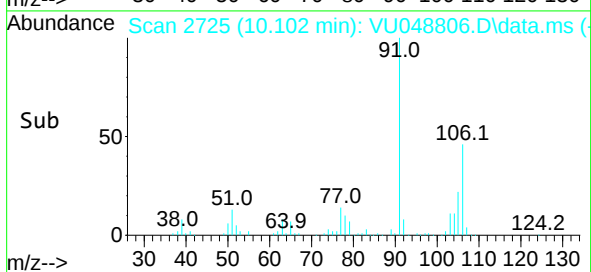
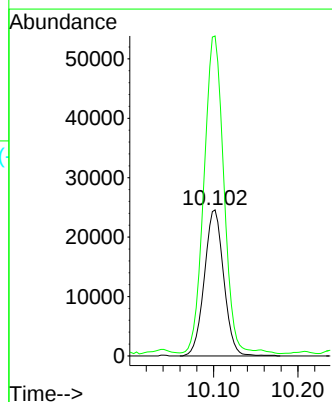
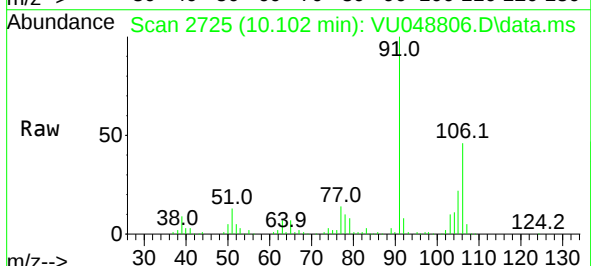
Manual Integrations
APPROVED

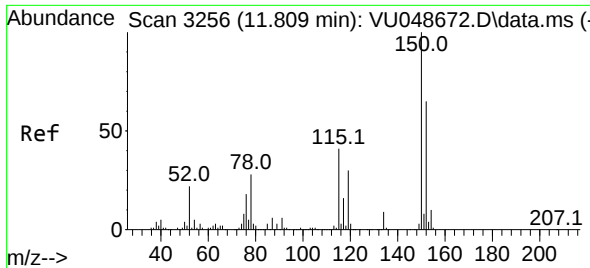
Reviewed By :Mahesh Dadoda 06/03/2022
Supervised By :Semsettin Yesilyurt 06/03/2022



#69
o-Xylene
Concen: 5.501 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048806.D
Acq: 02 Jun 2022 16:12

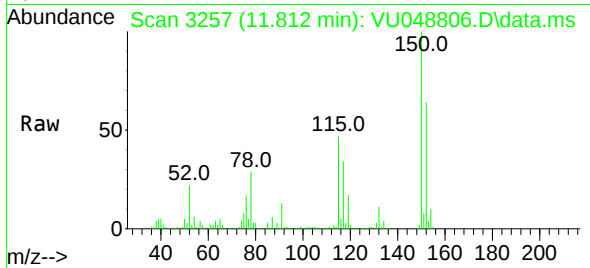
Tgt Ion:106 Resp: 39433
Ion Ratio Lower Upper
106 100
91 220.4 107.7 323.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048806.D
Acq: 02 Jun 2022 16:12

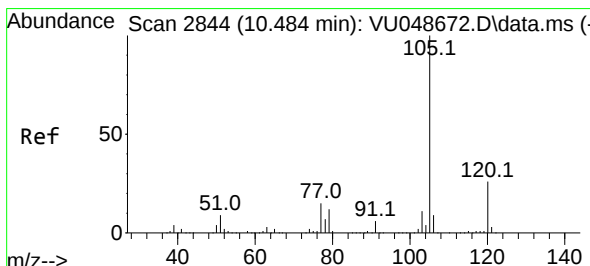
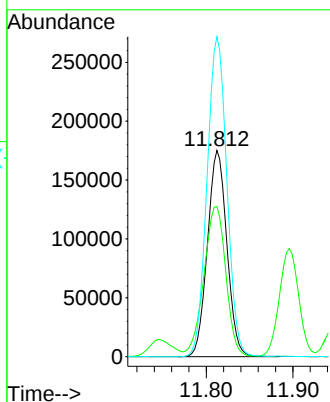
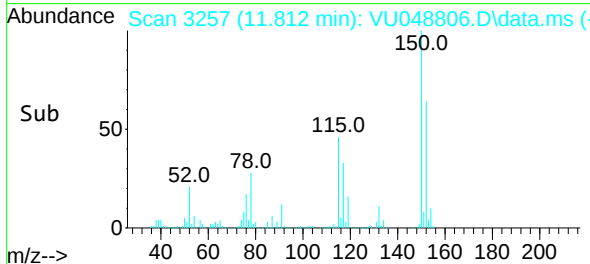
Instrument :
MSVOA_U
ClientSampleId :
MW-14



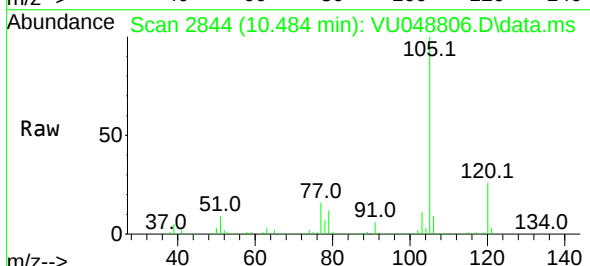
Tgt Ion:152 Resp: 27289
Ion Ratio Lower Upper
152 100
115 81.3 41.8 125.4
150 158.2 0.0 341.0

Manual Integrations
APPROVED

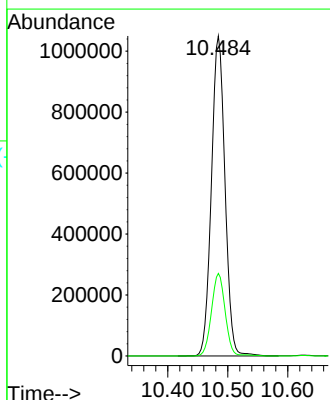
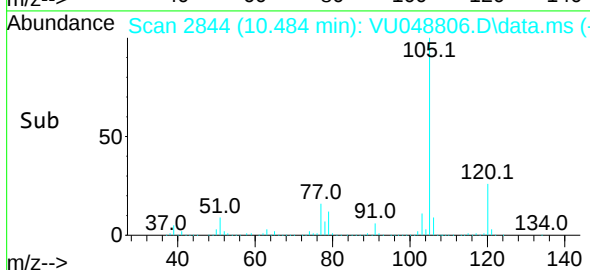
Reviewed By :Mahesh Dadoda 06/03/2022
Supervised By :Semsettin Yesilyurt 06/03/2022

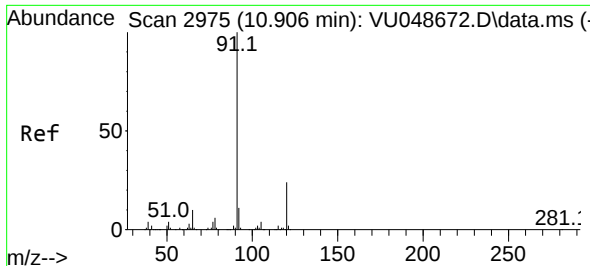


#73
Isopropylbenzene
Concen: 93.630 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048806.D
Acq: 02 Jun 2022 16:12



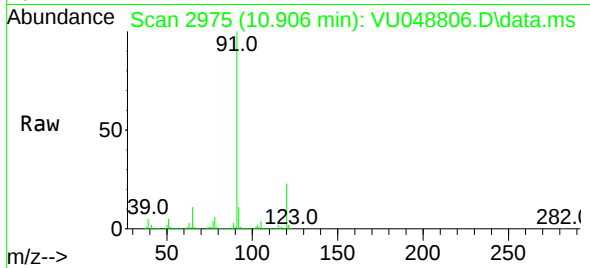
Tgt Ion:105 Resp: 1649562
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6





#78
n-propylbenzene
Concen: 89.553 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048806.D
Acq: 02 Jun 2022 16:12

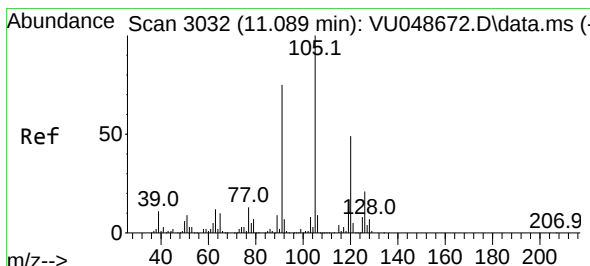
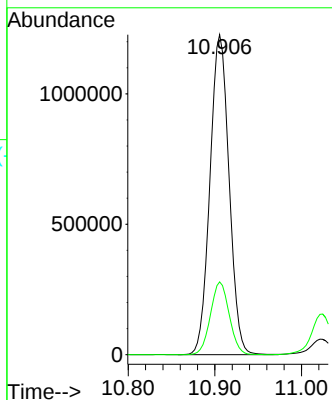
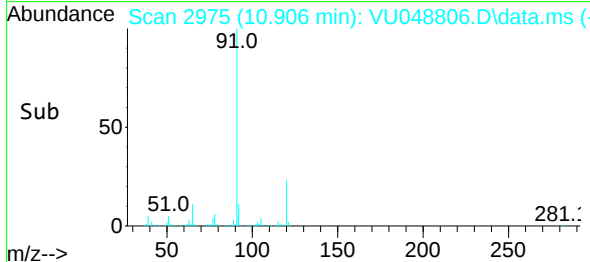
Instrument :
MSVOA_U
ClientSampleId :
MW-14



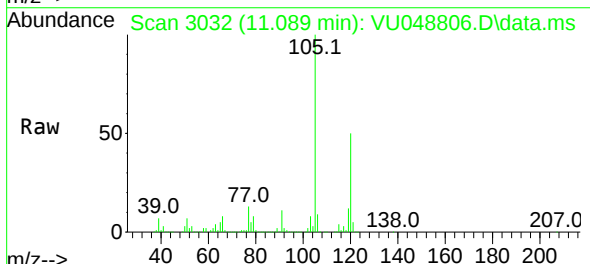
Tgt Ion: 91 Resp: 1879997
Ion Ratio Lower Upper
91 100
120 22.4 11.6 34.7

Manual Integrations
APPROVED

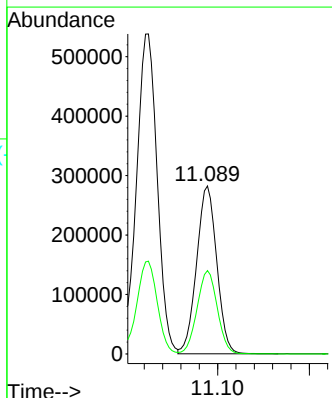
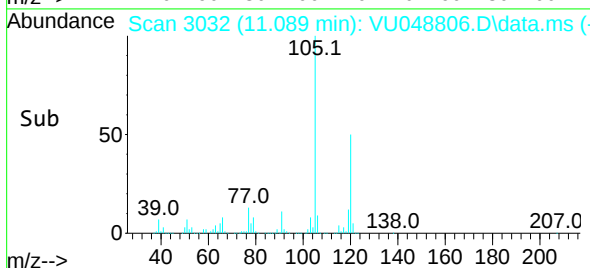
Reviewed By :Mahesh Dadoda 06/03/2022
Supervised By :Semsettin Yesilyurt 06/03/2022

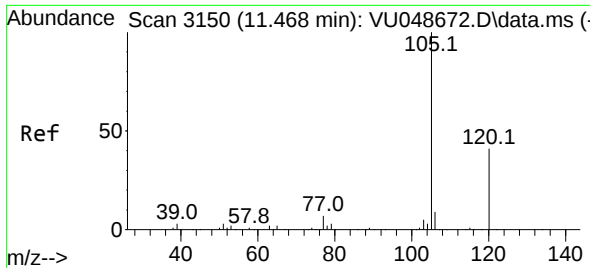


#80
1,3,5-Trimethylbenzene
Concen: 28.090 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048806.D
Acq: 02 Jun 2022 16:12



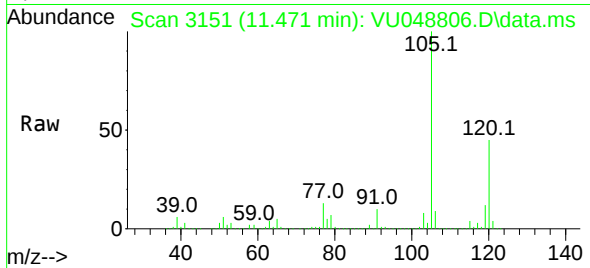
Tgt Ion:105 Resp: 430371
Ion Ratio Lower Upper
105 100
120 49.7 24.1 72.3





#84
1,2,4-Trimethylbenzene
Concen: 633.392 ug/l
RT: 11.471 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU048806.D
Acq: 02 Jun 2022 16:12

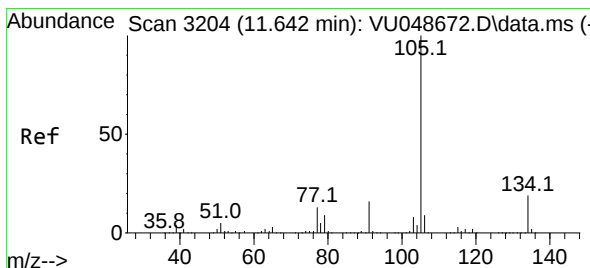
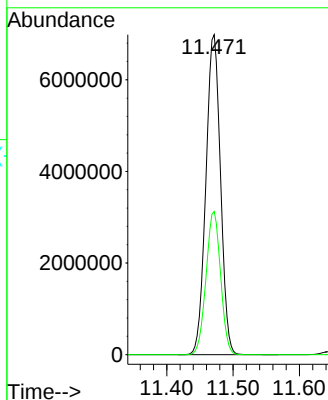
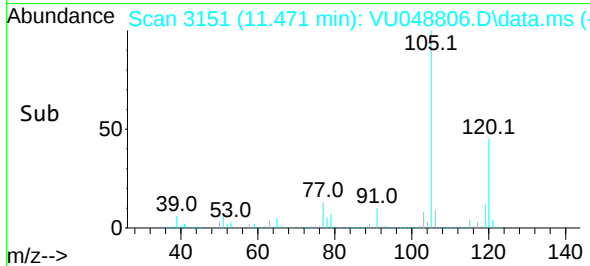
Instrument :
MSVOA_U
ClientSampleId :
MW-14



Tgt Ion:105 Resp:1069268
Ion Ratio Lower Upper
105 100
120 44.6 22.5 67.5

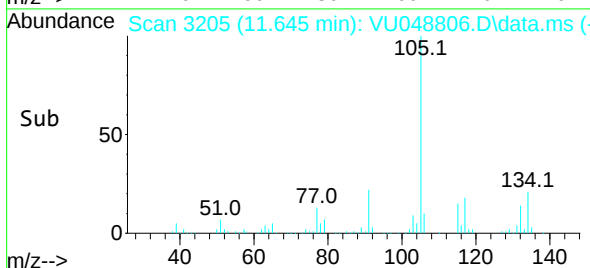
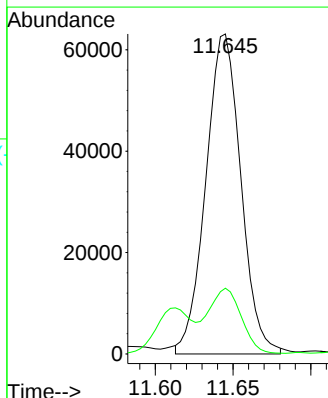
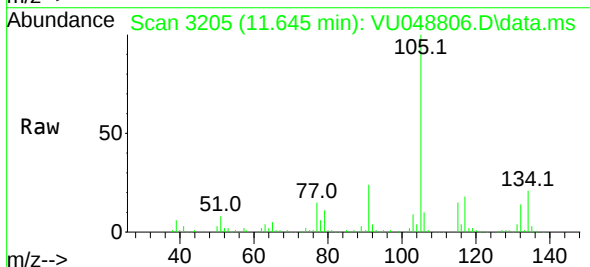
Manual Integrations
APPROVED

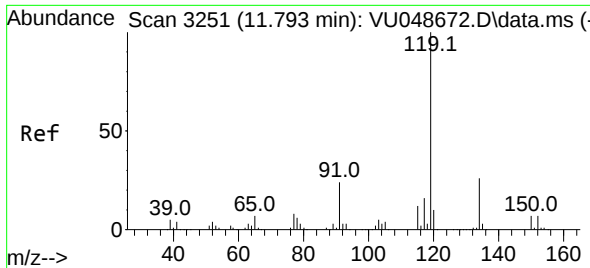
Reviewed By :Mahesh Dadoda 06/03/2022
Supervised By :Semsettin Yesilyurt 06/03/2022



#85
sec-Butylbenzene
Concen: 5.377 ug/l m
RT: 11.645 min Scan# 3205
Delta R.T. 0.003 min
Lab File: VU048806.D
Acq: 02 Jun 2022 16:12

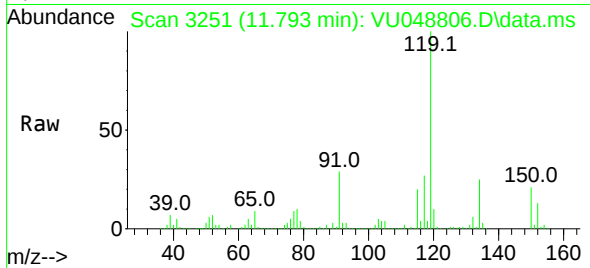
Tgt Ion:105 Resp: 98912
Ion Ratio Lower Upper
105 100
134 0.0 9.6 28.6#





#86
p-Isopropyltoluene
Concen: 21.402 ug/l m
RT: 11.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048806.D
Acq: 02 Jun 2022 16:12

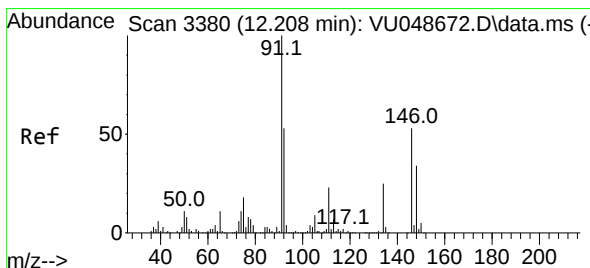
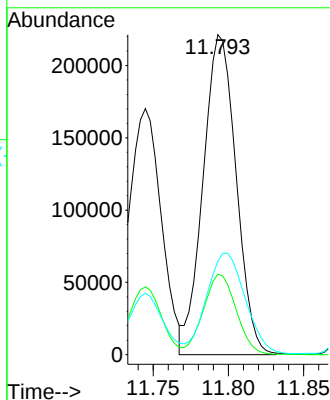
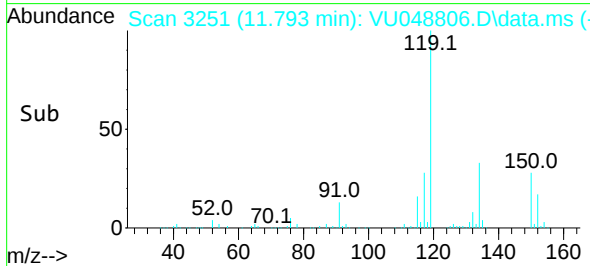
Instrument :
MSVOA_U
ClientSampleId :
MW-14



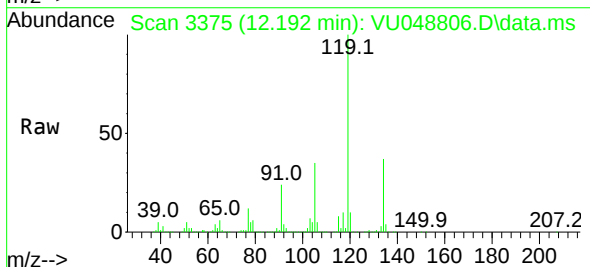
Tgt Ion: 119 Resp: 338109
Ion Ratio Lower Upper
119 100
134 21.4 12.8 38.4
91 19.8 12.0 36.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/03/2022
Supervised By :Semsettin Yesilyurt 06/03/2022



#89
n-Butylbenzene
Concen: 21.900 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. -0.016 min
Lab File: VU048806.D
Acq: 02 Jun 2022 16:12



Tgt Ion: 91 Resp: 325986
Ion Ratio Lower Upper
91 100
92 26.8 25.9 77.8
134 120.5 12.5 37.5#

