

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048698.D
 Acq On : 27 May 2022 17:02
 Operator : SY/MD
 Sample : N3056-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-02

Quant Time: May 28 00:21:19 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

Manual Integrations APPROVED

Reviewed By : John Carlone 05/31/2022
 Supervised By : Mahesh Dadoda 05/31/2022

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	220663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	363071	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	373833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	220895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	163883	49.453	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.900%		
35) Dibromofluoromethane	5.292	113	141300	54.551	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	109.100%		
50) Toluene-d8	7.899	98	445268	47.955	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.920%		
62) 4-Bromofluorobenzene	10.632	95	202191	57.579	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	115.160%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.179	59	16201	19.283	ug/l #	28
16) Acetone	2.620	43	37241m	22.051	ug/l	
25) 2-Butanone	4.706	43	24664	10.166	ug/l	95
31) Cyclohexane	5.388	56	168896	40.441	ug/l	97
39) Methylcyclohexane	6.764	83	144911	36.558	ug/l	96
40) Benzene	5.777	78	2516916	225.514	ug/l	100
52) Toluene	7.970	92	46467	6.960	ug/l	100
67) Ethyl Benzene	9.574	91	11257082	844.157	ug/l	99
68) m/p-Xylenes	9.697	106	3492225	669.576	ug/l	100
69) o-Xylene	10.102	106	268289	52.359	ug/l	97
73) Isopropylbenzene	10.484	105	885926	62.123	ug/l	99
78) n-propylbenzene	10.906	91	2127373	125.191	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	1987662	160.274	ug/l	100
84) 1,2,4-Trimethylbenzene	11.471	105	13634838	997.114	ug/l	100
85) sec-Butylbenzene	11.645	105	112339m	7.544	ug/l	
86) p-Isopropyltoluene	11.796	119	53678m	4.198	ug/l	
89) n-Butylbenzene	12.201	91	161357m	14.241	ug/l	

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

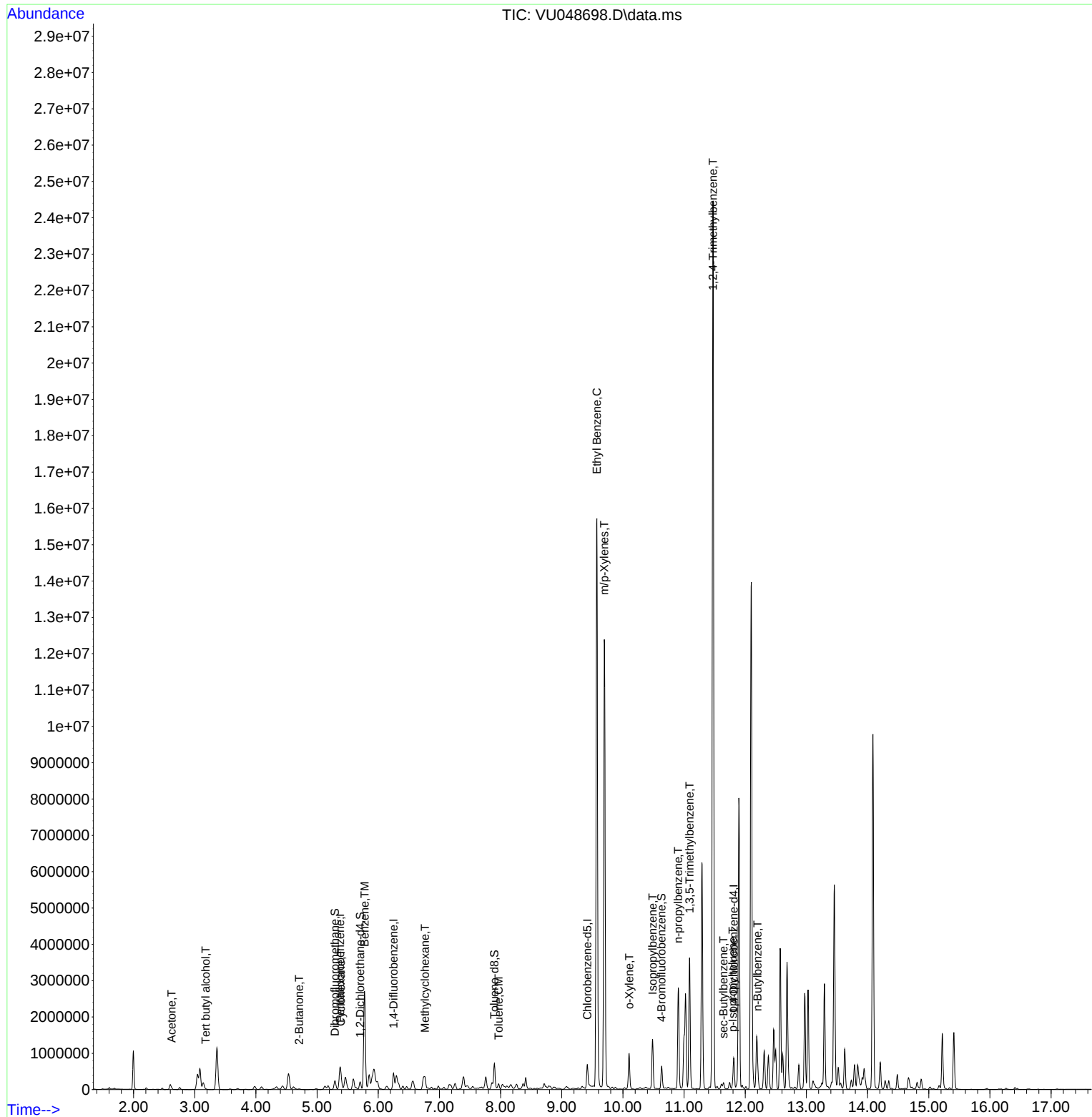
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048698.D
Acq On : 27 May 2022 17:02
Operator : SY/MD
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ALS Vial : 20 Sample Multiplier: 1

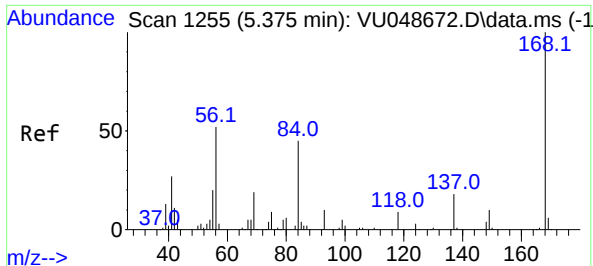
Instrument :
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ClientSampleId :
MW-02

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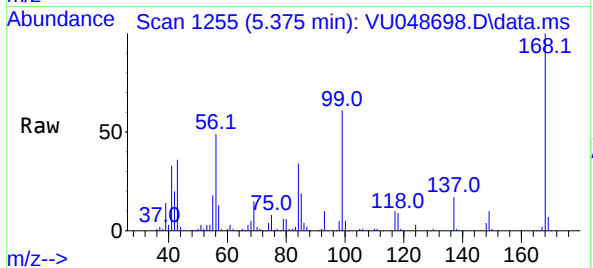
Quant Time: May 28 00:21:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

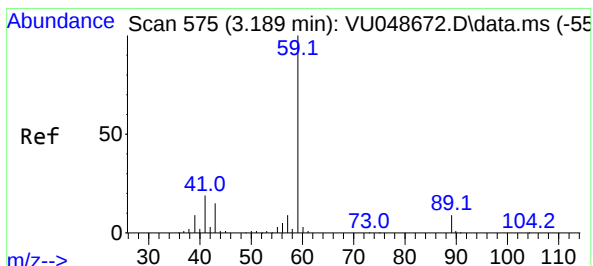
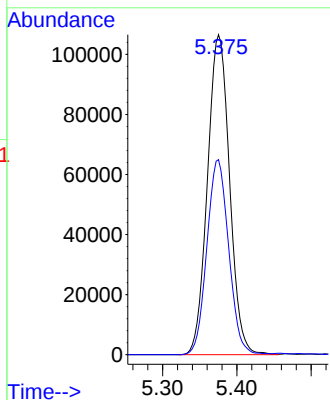
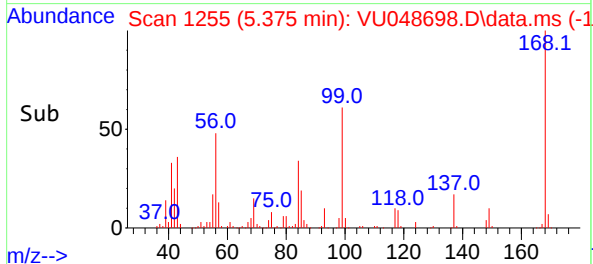
Instrument :
MSVOA_U
ClientSampleId :
MW-02



Tgt Ion:168 Resp: 22066
Ion Ratio Lower Upper
168 100
99 60.9 49.3 73.9

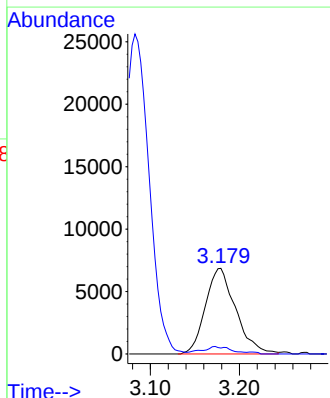
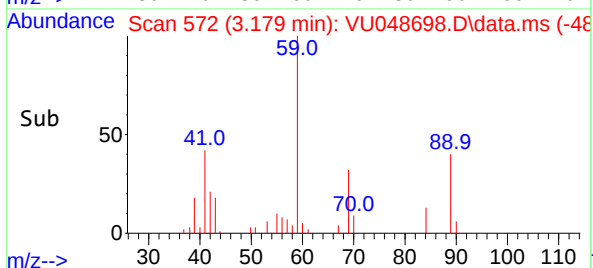
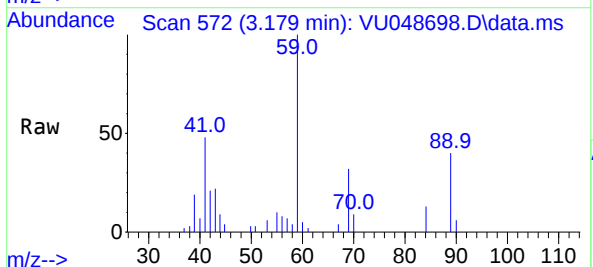
Manual Integrations
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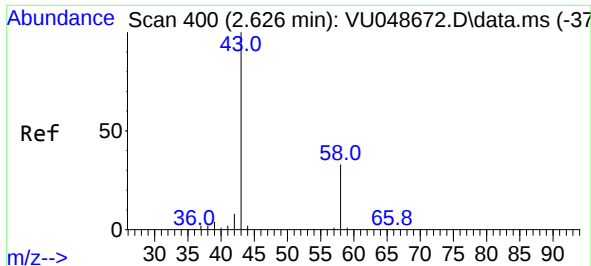
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#11
Tert butyl alcohol
Concen: 19.283 ug/l
RT: 3.179 min Scan# 572
Delta R.T. -0.010 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

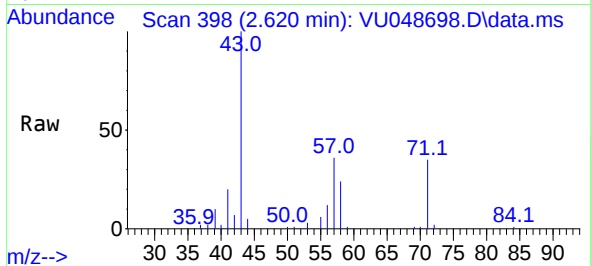
Tgt Ion: 59 Resp: 16201
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#





#16
Acetone
Concen: 22.051 ug/l m
RT: 2.620 min Scan# 398
Delta R.T. -0.007 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

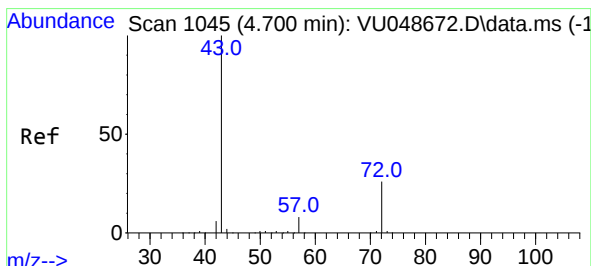
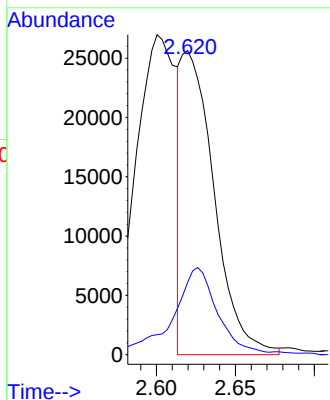
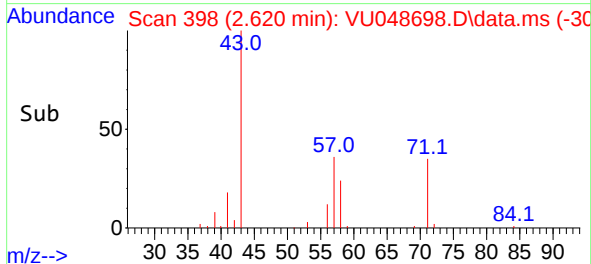
Instrument :
MSVOA_U
ClientSampleId :
MW-02



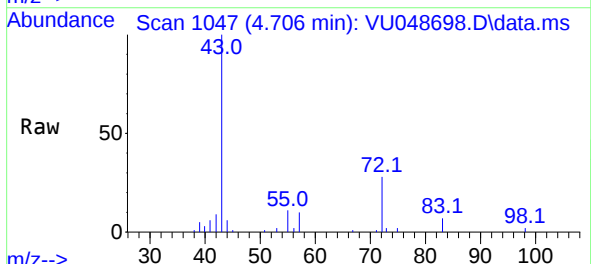
Tgt Ion: 43 Resp: 3724
Ion Ratio Lower Upper
43 100
58 23.8 26.3 39.5

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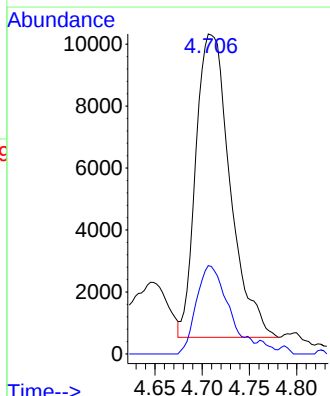
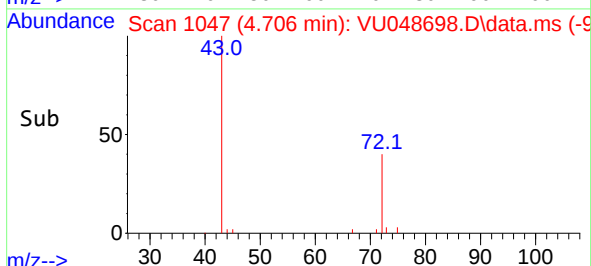
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

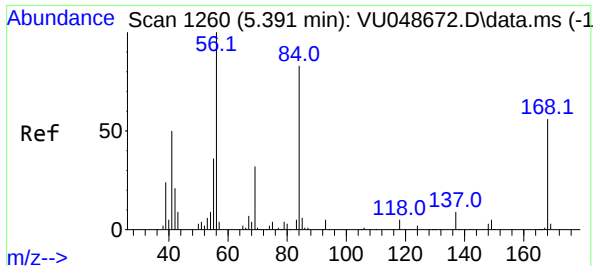


#25
2-Butanone
Concen: 10.166 ug/l
RT: 4.706 min Scan# 1047
Delta R.T. 0.006 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02



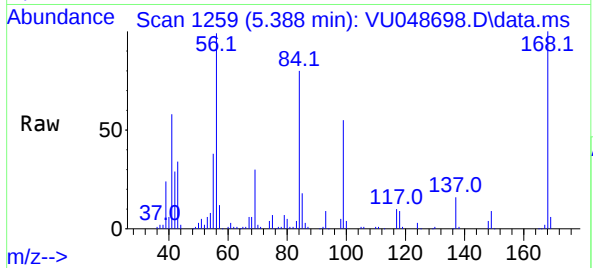
Tgt Ion: 43 Resp: 24664
Ion Ratio Lower Upper
43 100
72 29.1 21.1 31.7





#31
Cyclohexane
Concen: 40.441 ug/l
RT: 5.388 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

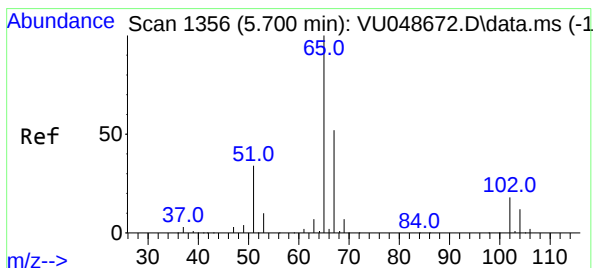
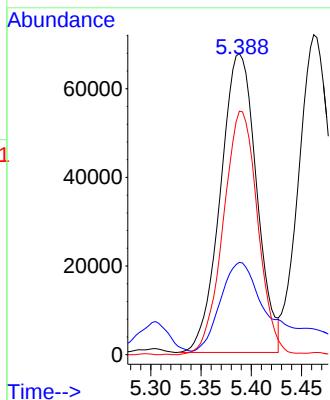
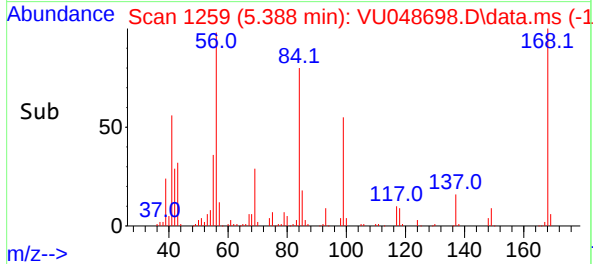
Instrument :
MSVOA_U
ClientSampleId :
MW-02



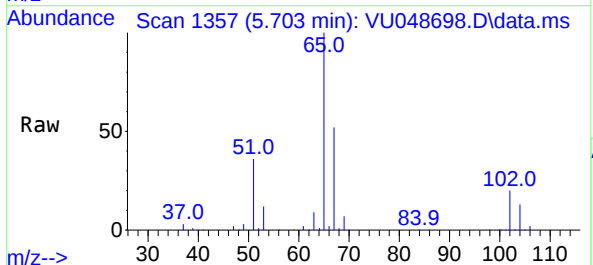
Tgt Ion: 56 Resp: 168890
Ion Ratio Lower Upper
56 100
69 28.0 25.6 38.4
84 81.5 66.2 99.4

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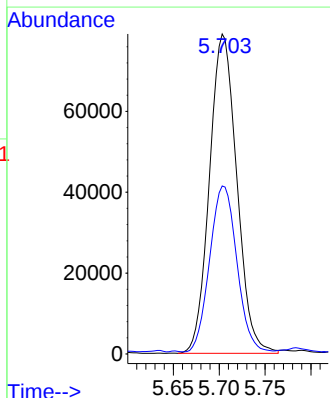
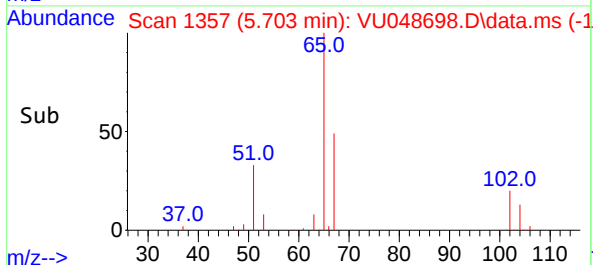
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

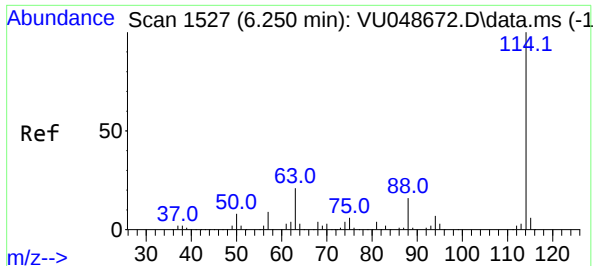


#33
1,2-Dichloroethane-d4
Concen: 49.453 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.003 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02



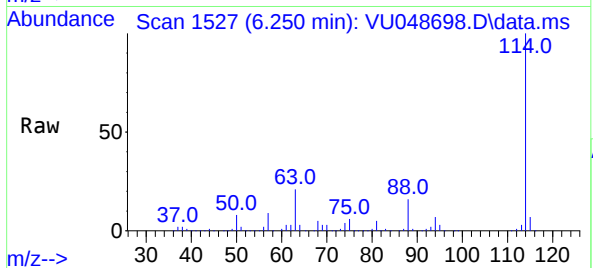
Tgt Ion: 65 Resp: 163883
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 114
Delta R.T. -0.000 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

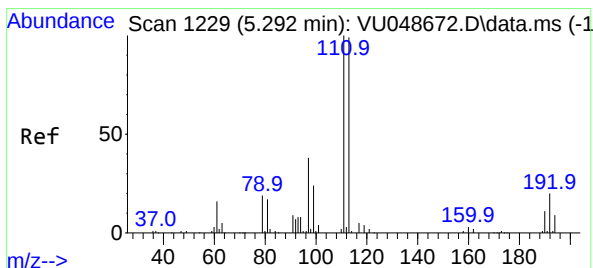
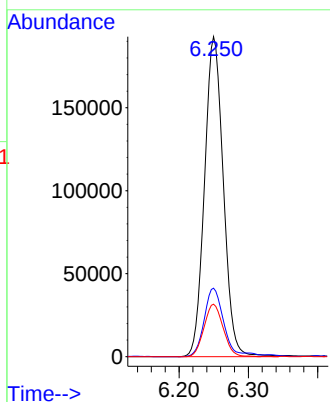
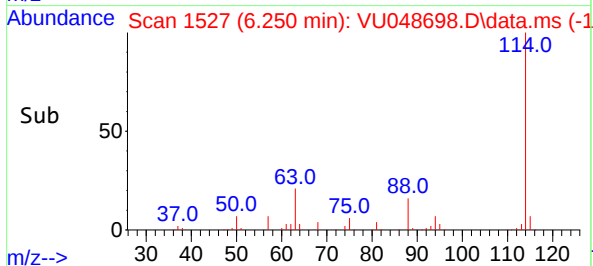
Instrument :
MSVOA_U
ClientSampleId :
MW-02



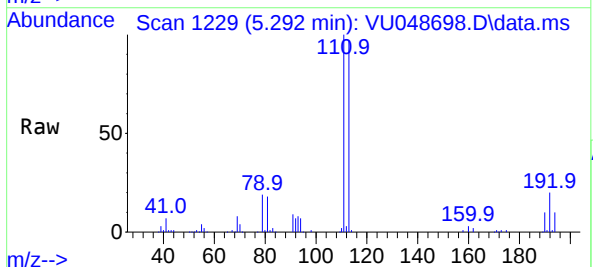
Tgt Ion:114 Resp: 36307
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.6
88 16.4 0.0 32.2

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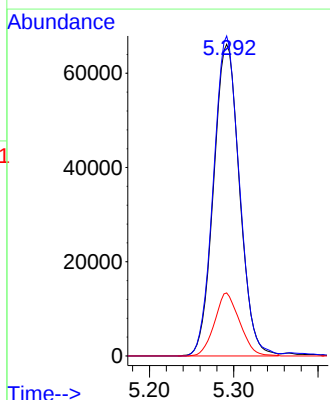
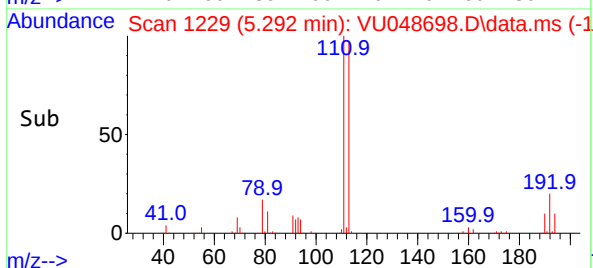
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

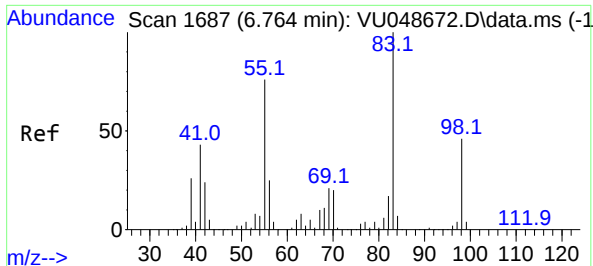


#35
Dibromofluoromethane
Concen: 54.551 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02



Tgt Ion:113 Resp: 141300
Ion Ratio Lower Upper
113 100
111 102.5 80.7 121.1
192 19.5 15.9 23.9





#39

Methylcyclohexane

Concen: 36.558 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048698.D

Acq: 27 May 2022 17:02

Instrument :

MSVOA_U

ClientSampleId :

MW-02

Tgt Ion: 83 Resp: 14491

Ion Ratio Lower Upper

83 100

55 79.7 61.0 91.6

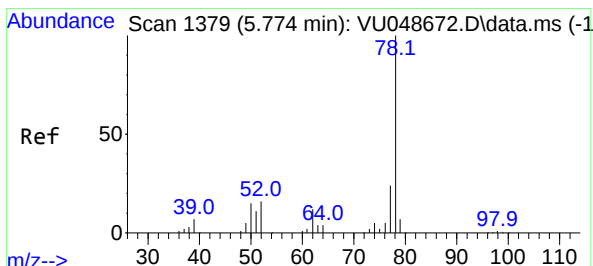
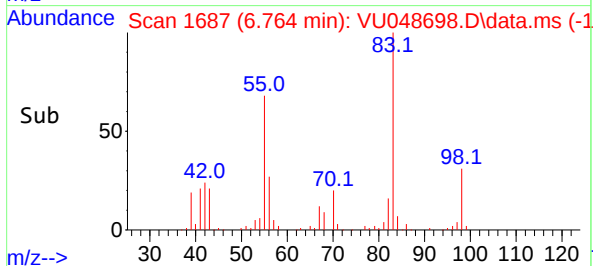
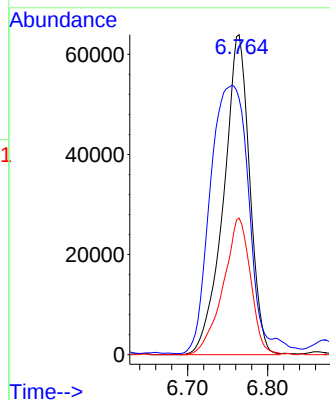
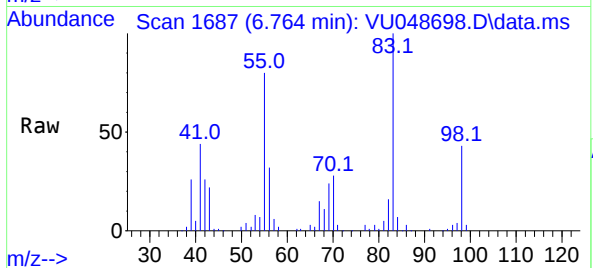
98 42.7 36.8 55.2

Manual Integrations

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Reviewed By :John Carlone 05/31/2022

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#40

Benzene

Concen: 225.514 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.003 min

Lab File: VU048698.D

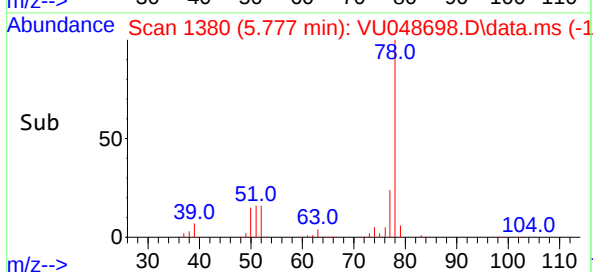
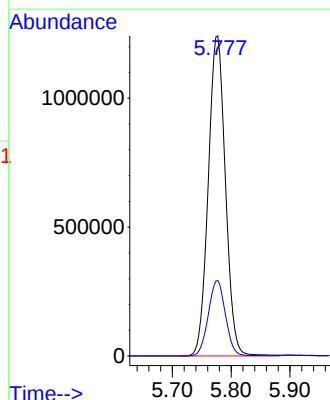
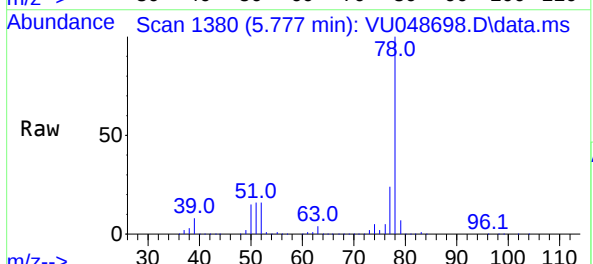
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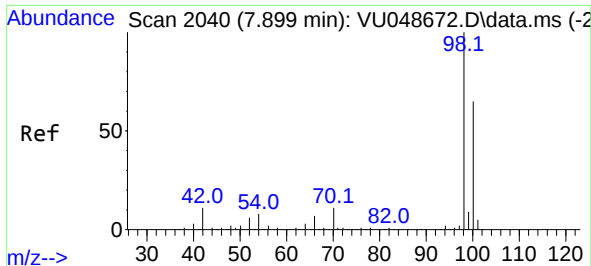
Tgt Ion: 78 Resp: 2516916

Ion Ratio Lower Upper

78 100

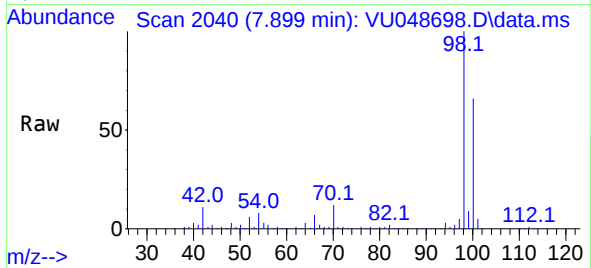
77 23.6 19.0 28.6





#50
Toluene-d8
Concen: 47.955 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

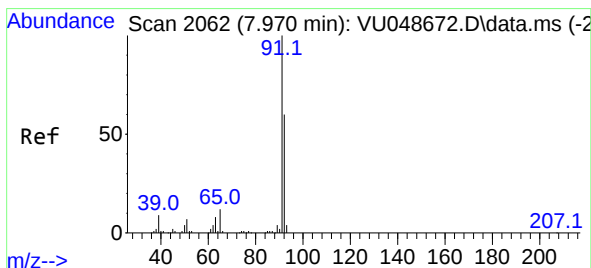
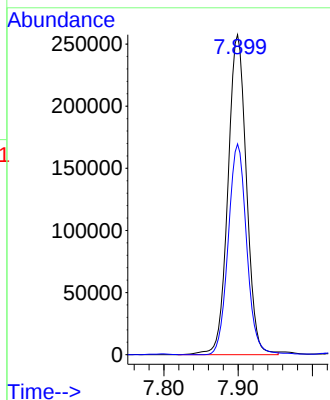
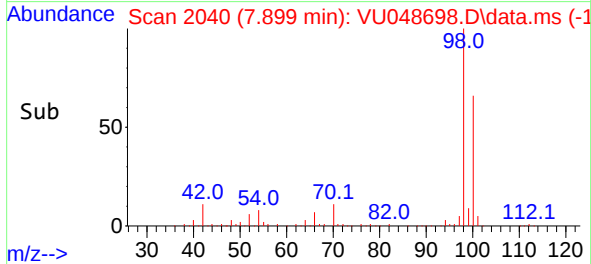
Instrument :
MSVOA_U
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MW-02



Tgt Ion: 98 Resp: 445268
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.4

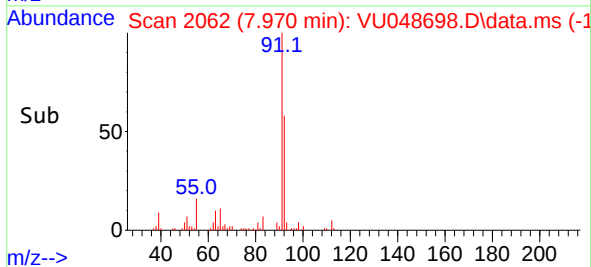
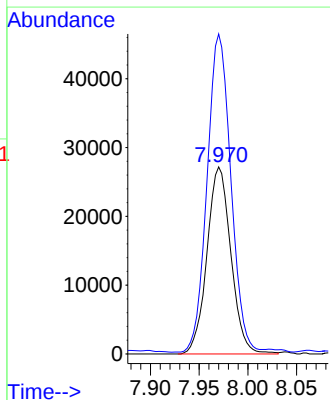
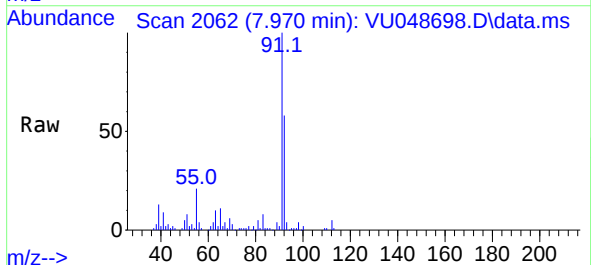
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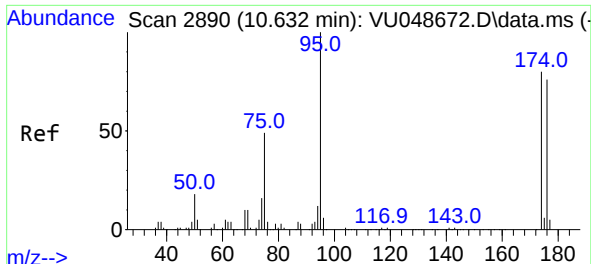
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#52
Toluene
Concen: 6.960 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

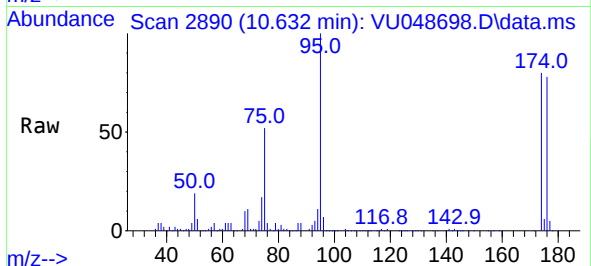
Tgt Ion: 92 Resp: 46467
Ion Ratio Lower Upper
92 100
91 168.3 135.0 202.4





#62
4-Bromofluorobenzene
Concen: 57.579 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

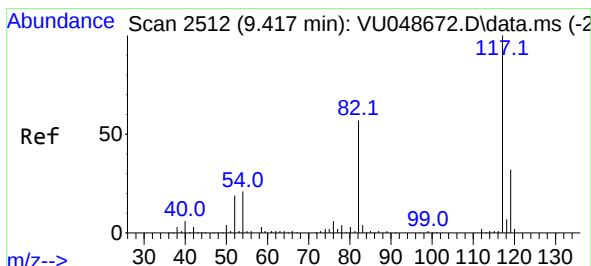
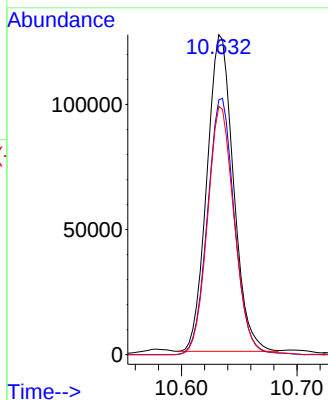
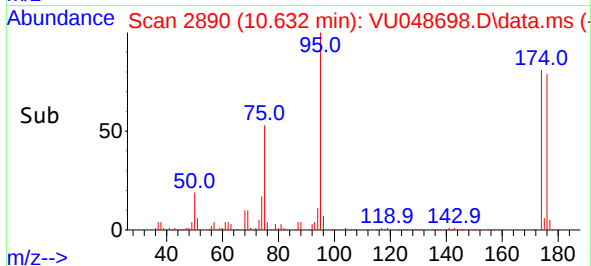
Instrument :
MSVOA_U
ClientSampleId :
MW-02



Tgt Ion: 95 Resp: 20219
Ion Ratio Lower Upper
95 100
174 82.3 0.0 159.4
176 79.4 0.0 152.4

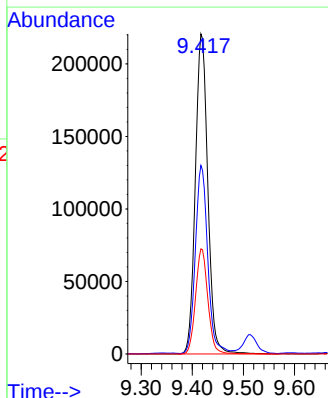
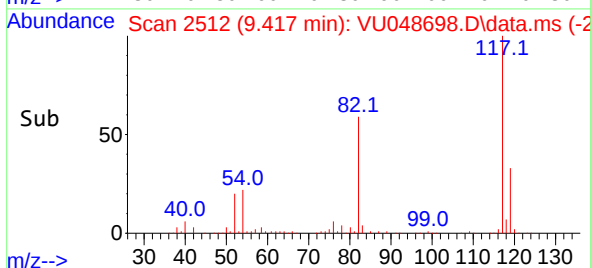
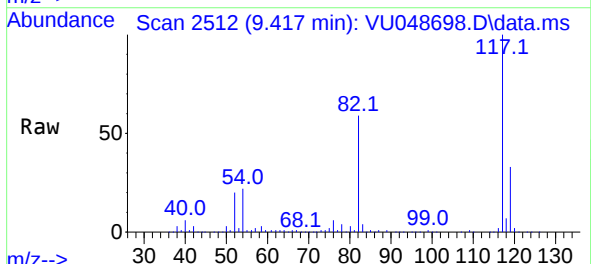
Manual Integrations
APPROVED

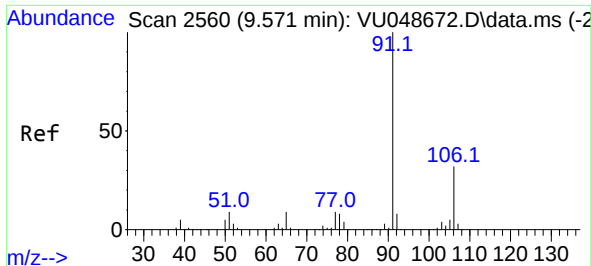
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

Tgt Ion:117 Resp: 373833
Ion Ratio Lower Upper
117 100
82 58.8 45.3 67.9
119 32.8 25.4 38.2





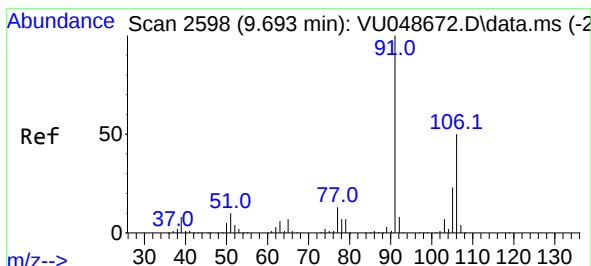
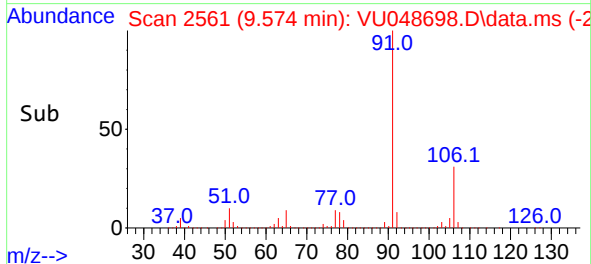
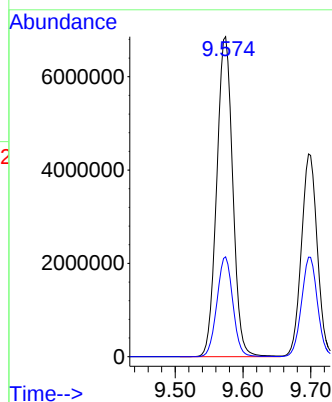
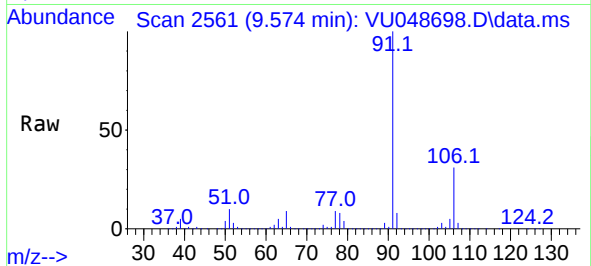
#67
Ethyl Benzene
Concen: 844.157 ug/l
RT: 9.574 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

Instrument :
MSVOA_U
ClientSampleId :
MW-02

Tgt Ion: 91 Resp: 1125708
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.2

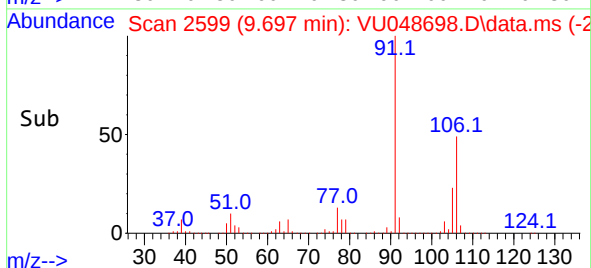
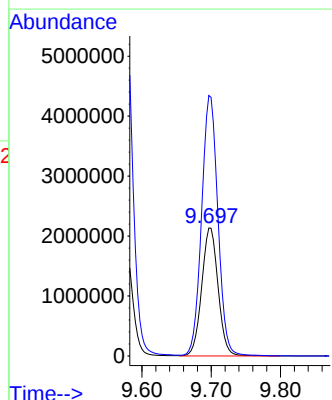
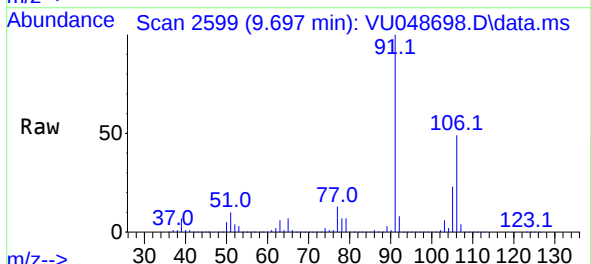
Manual Integrations
APPROVED

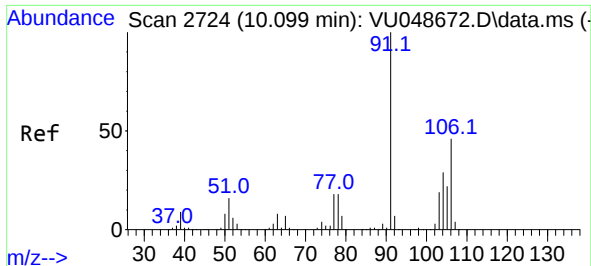
Reviewed By : John Carlone 05/31/2022
Supervised By : Mahesh Dadoda 05/31/2022



#68
m/p-Xylenes
Concen: 669.576 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

Tgt Ion: 106 Resp: 3492225
Ion Ratio Lower Upper
106 100
91 203.4 162.4 243.6





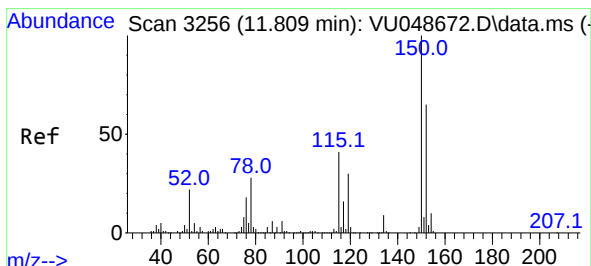
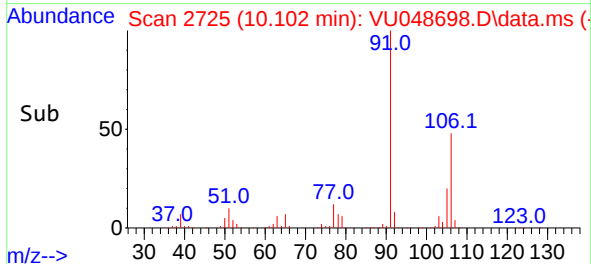
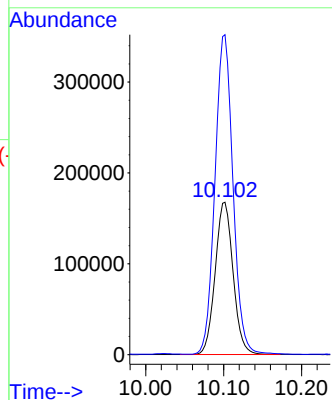
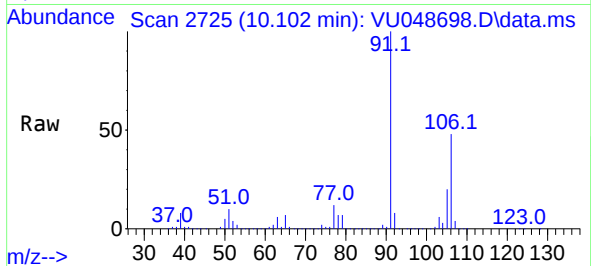
#69
o-Xylene
Concen: 52.359 ug/l
RT: 10.102 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

Instrument :
MSVOA_U
ClientSampleId :
MW-02

Tgt Ion:106 Resp: 268289
Ion Ratio Lower Upper
106 100
91 210.7 107.7 323.3

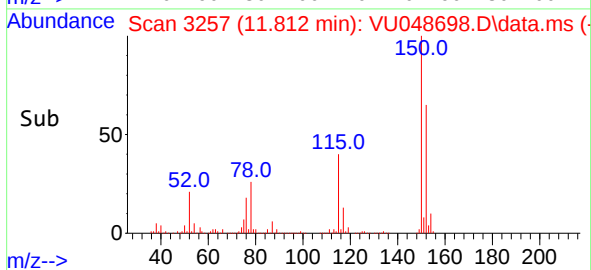
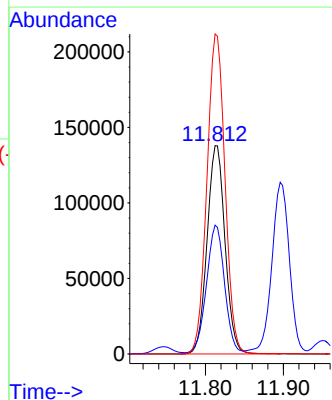
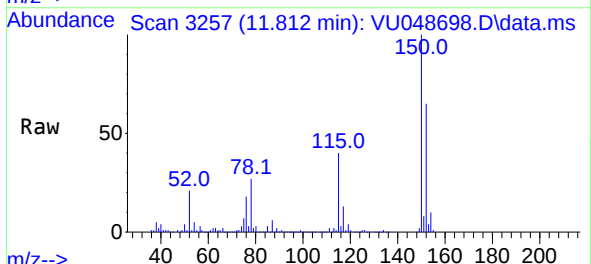
Manual Integrations
APPROVED

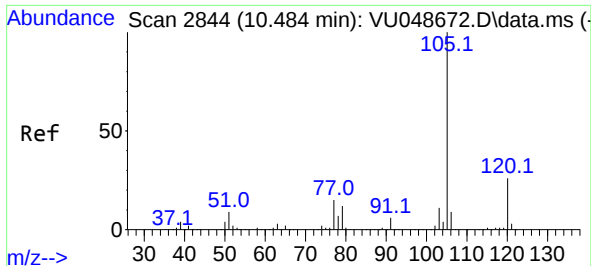
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

Tgt Ion:152 Resp: 220895
Ion Ratio Lower Upper
152 100
115 60.9 41.8 125.4
150 154.2 0.0 341.0





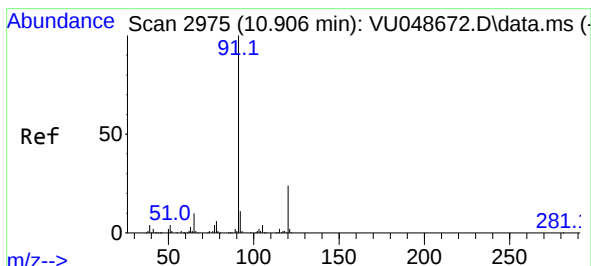
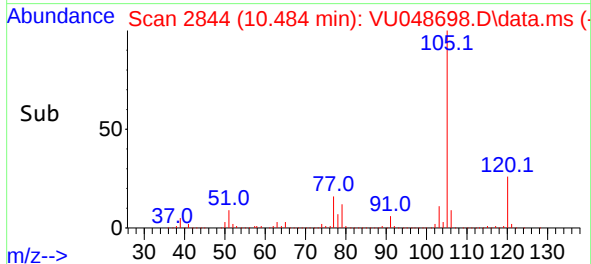
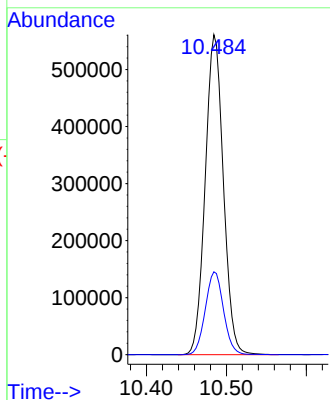
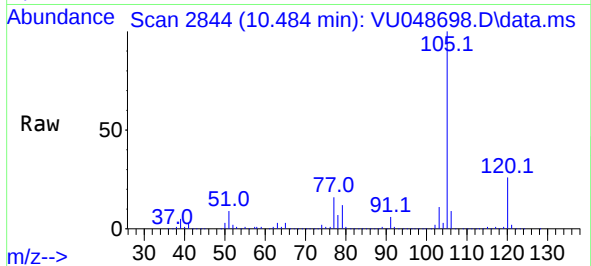
#73
Isopropylbenzene
Concen: 62.123 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

Instrument :
MSVOA_U
ClientSampleId :
MW-02

Tgt Ion:105 Resp: 885920
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6

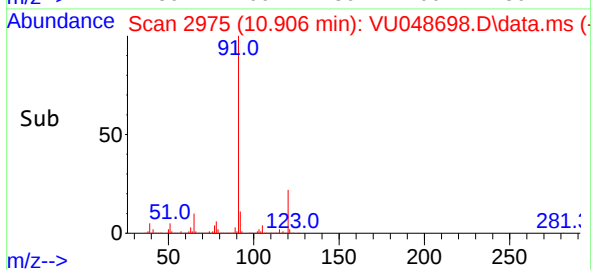
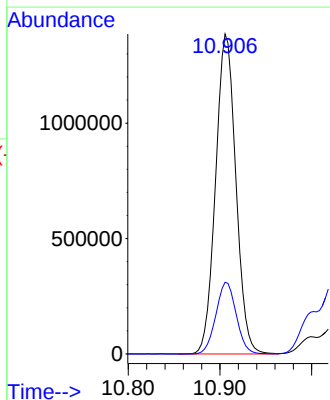
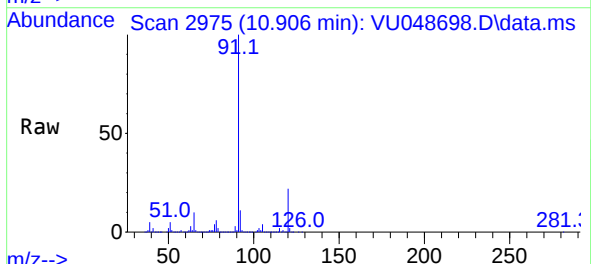
Manual Integrations
APPROVED

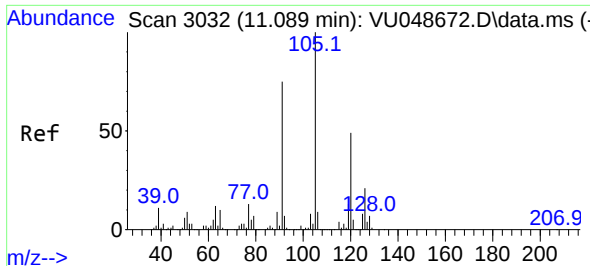
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#78
n-propylbenzene
Concen: 125.191 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

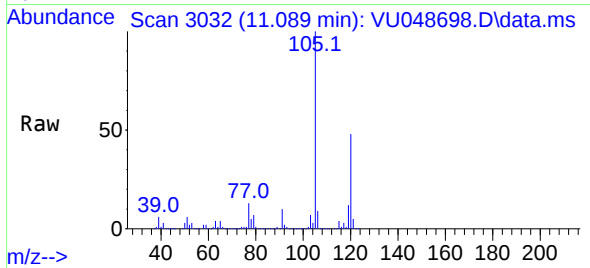
Tgt Ion: 91 Resp: 2127373
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.7





#80
1,3,5-Trimethylbenzene
Concen: 160.274 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

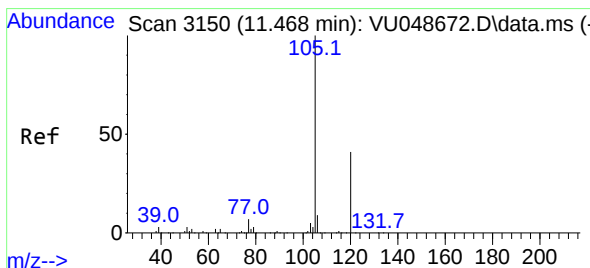
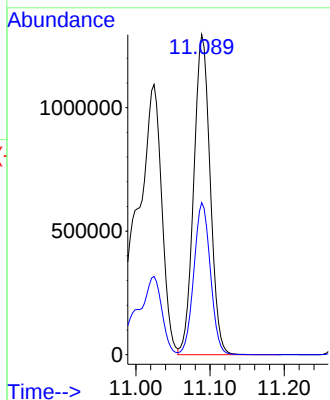
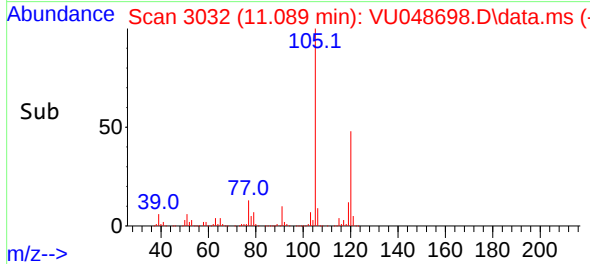
Instrument :
MSVOA_U
ClientSampleId :
MW-02



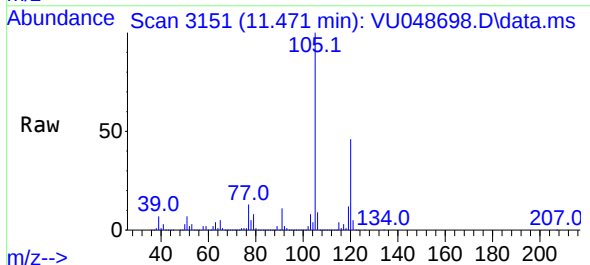
Tgt Ion:105 Resp: 1987662
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3

Manual Integrations
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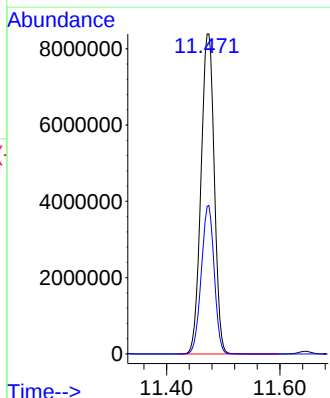
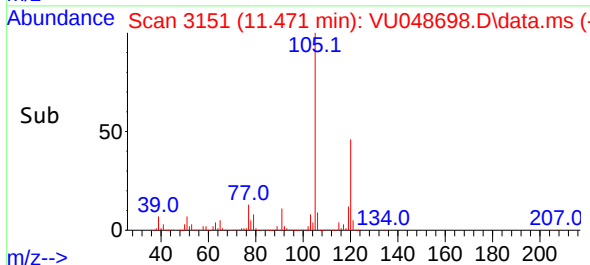
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

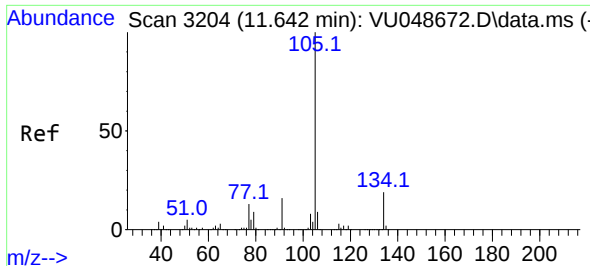


#84
1,2,4-Trimethylbenzene
Concen: 997.114 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02



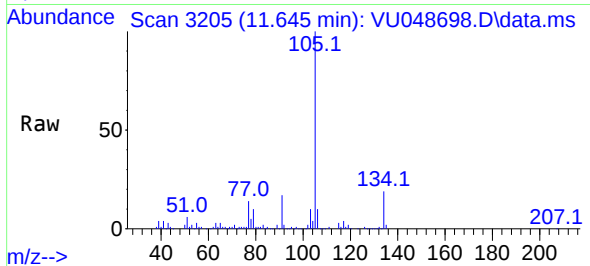
Tgt Ion:105 Resp:13634838
Ion Ratio Lower Upper
105 100
120 45.1 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 7.544 ug/l m
 RT: 11.645 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048698.D
 Acq: 27 May 2022 17:02

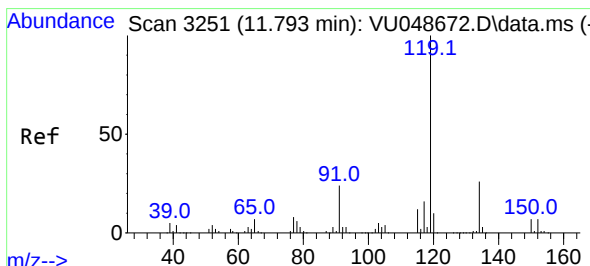
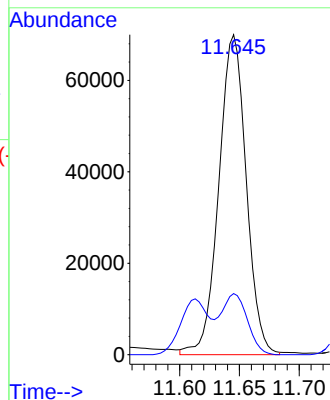
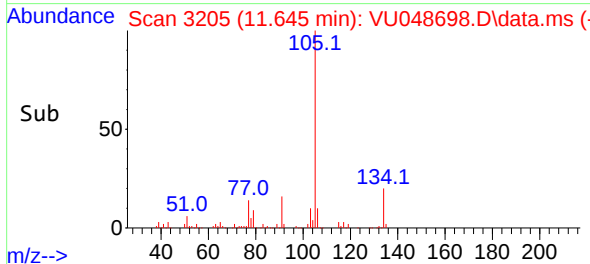
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-02



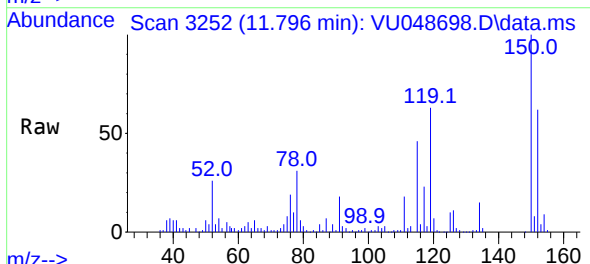
Tgt Ion:105 Resp: 112339
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6

Manual Integrations
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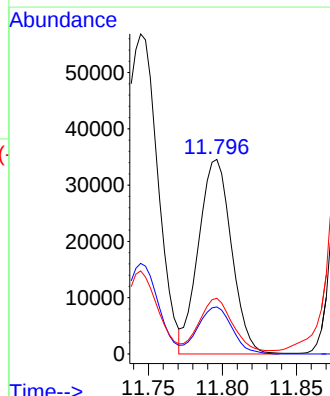
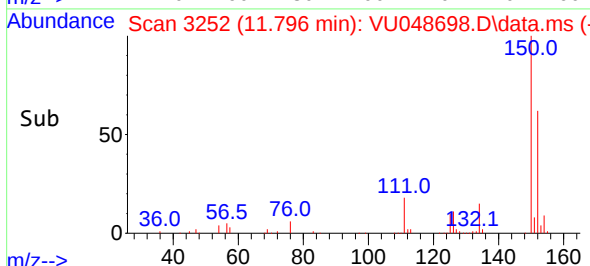
Reviewed By :John Carlone 05/31/2022
 Supervised By :Mahesh Dadoda 05/31/2022

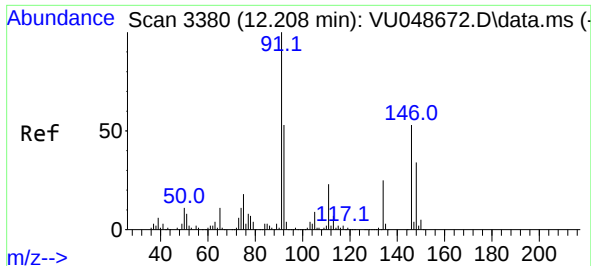


#86
 p-Isopropyltoluene
 Concen: 4.198 ug/l m
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.003 min
 Lab File: VU048698.D
 Acq: 27 May 2022 17:02



Tgt Ion:119 Resp: 53678
 Ion Ratio Lower Upper
 119 100
 134 46.9 12.8 38.4#
 91 41.5 12.0 36.0#





#89

n-Butylbenzene

Concen: 14.241 ug/l m

RT: 12.201 min Scan# 31

Delta R.T. -0.007 min

Lab File: VU048698.D

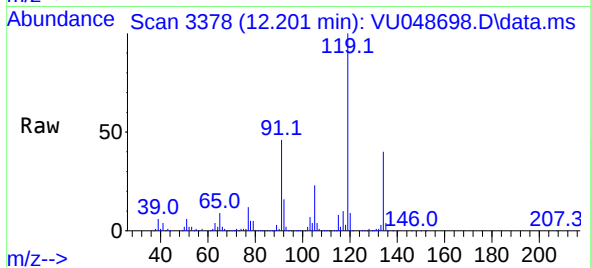
Acq: 27 May 2022 17:02

Instrument :

MSVOA_U

ClientSampleId :

MW-02



Tgt Ion: 91 Resp: 16135

Ion Ratio Lower Upper

91 100

92 55.9 25.9 77.8

134 184.0 12.5 37.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2022

Supervised By :Mahesh Dadoda 05/31/2022

