

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048736.D
 Acq On : 31 May 2022 13:35
 Operator : SY/MD
 Sample : N3056-02DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/01/2022
 Supervised By : Mahesh Dadoda 06/02/2022

Quant Time: Jun 01 02:15:52 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	5.375	168	205486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	360660	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	348796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	180713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	55644	18.031	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	36.060%#		
35) Dibromofluoromethane	5.292	113	39682	15.422	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	30.840%#		
50) Toluene-d8	7.899	98	89480	9.701	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	19.400%#		
62) 4-Bromofluorobenzene	10.636	95	36424	10.442	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	20.880%#		
Target Compounds						Qvalue
39) Methylcyclohexane	6.768	83	1440	0.366	ug/l	98
40) Benzene	5.774	78	3332	0.301	ug/l	93
67) Ethyl Benzene	9.571	91	68267	5.487	ug/l	97
68) m/p-Xylenes	9.697	106	4255	0.874	ug/l	99
69) o-Xylene	10.102	106	4750	0.994	ug/l	89
73) Isopropylbenzene	10.488	105	16247	1.393	ug/l	95
78) n-propylbenzene	10.909	91	20022	1.440	ug/l	93
80) 1,3,5-Trimethylbenzene	11.089	105	11525	1.136	ug/l	96
84) 1,2,4-Trimethylbenzene	11.468	105	90585	9.275	ug/l	99
85) sec-Butylbenzene	11.645	105	4062	0.333	ug/l	99
86) p-Isopropyltoluene	11.796	119	5005m	0.478	ug/l	
89) n-Butylbenzene	12.208	91	10722	3.165	ug/l #	75

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

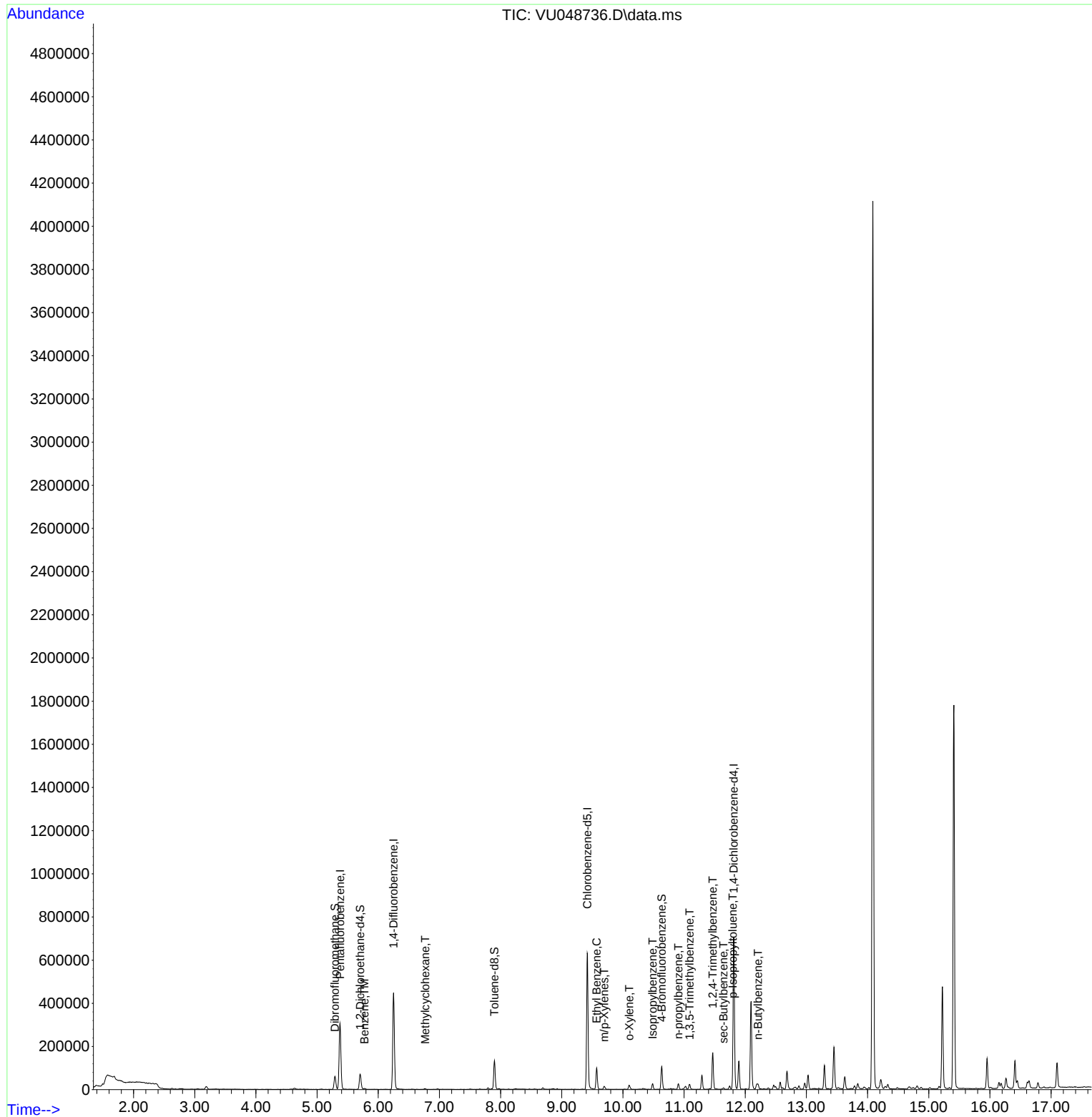
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
Data File : VU048736.D
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Operator : SY/MD
Sample : N3056-02DL 5X
Misc : 5.0mL/MSVOA_U/WATER
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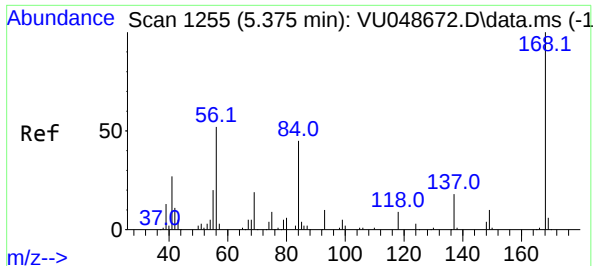
Instrument :
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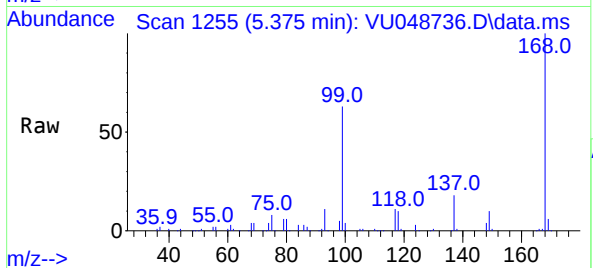
Quant Time: Jun 01 02:15:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

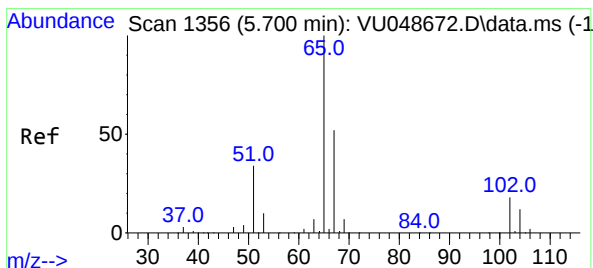
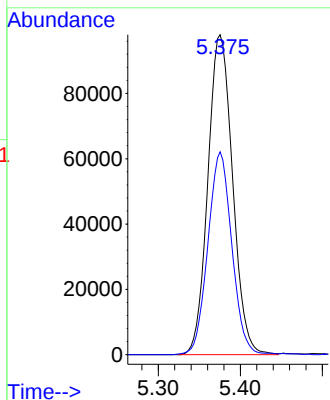
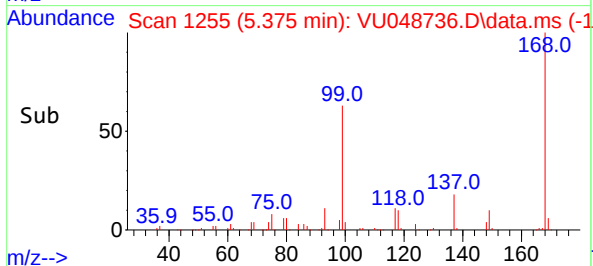
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL



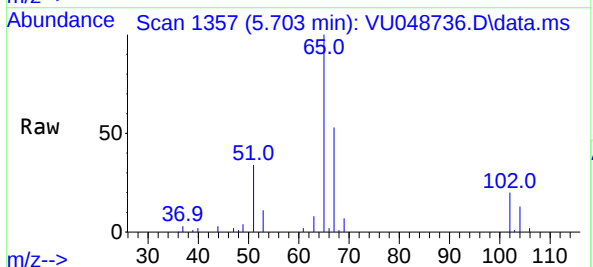
Tgt Ion:168 Resp: 205486
Ion Ratio Lower Upper
168 100
99 63.2 49.3 73.9

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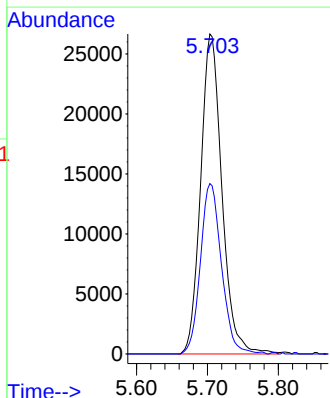
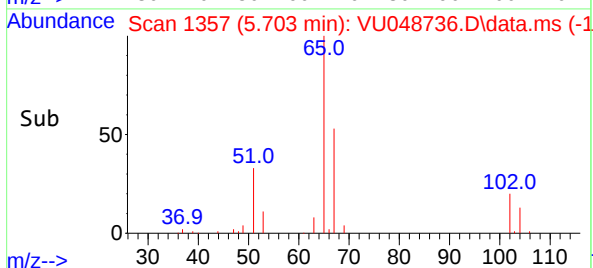
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022

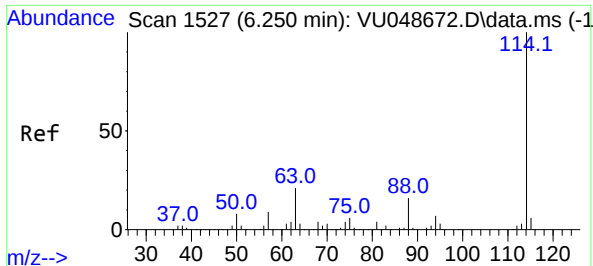


#33
1,2-Dichloroethane-d4
Concen: 18.031 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.003 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35



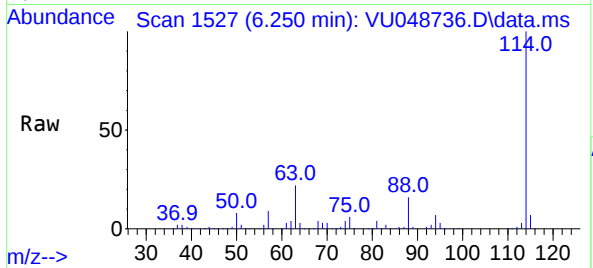
Tgt Ion: 65 Resp: 55644
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 114
Delta R.T. -0.000 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

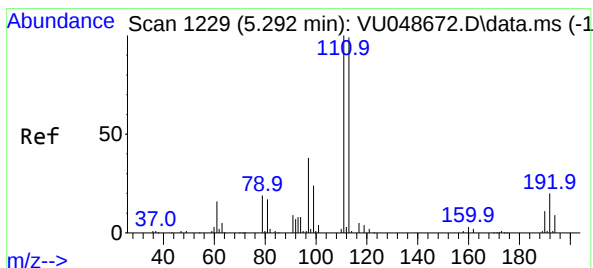
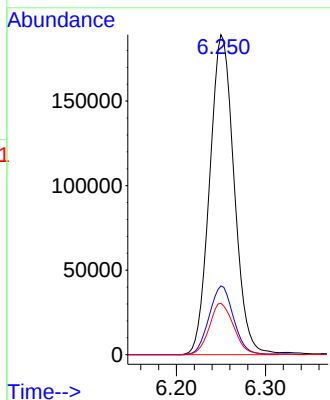
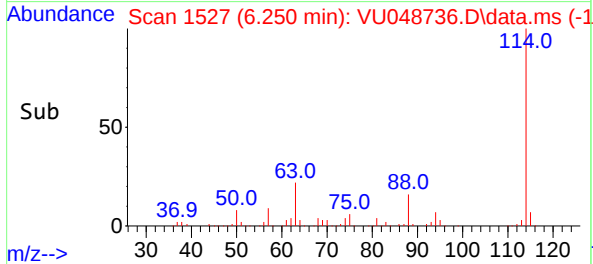
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL



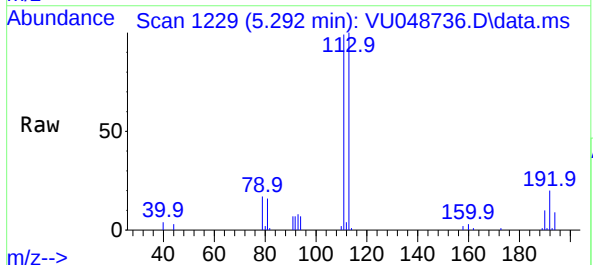
Tgt Ion:114 Resp: 360660
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.6
88 16.1 0.0 32.2

Manual Integrations
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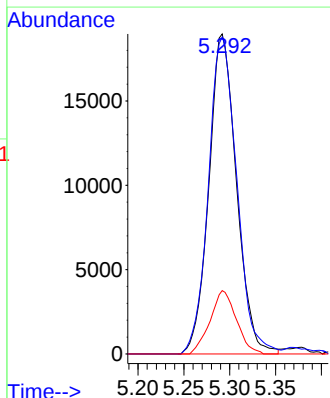
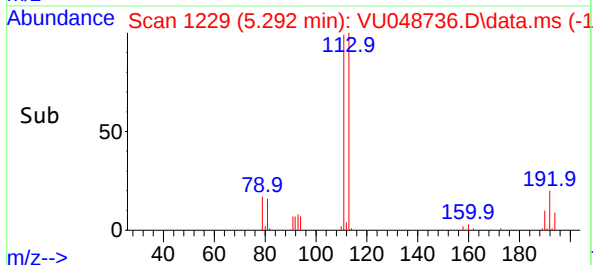
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022

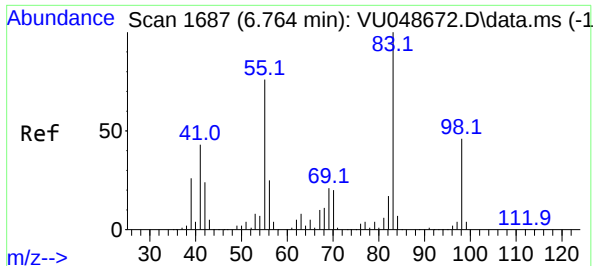


#35
Dibromofluoromethane
Concen: 15.422 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35



Tgt Ion:113 Resp: 39682
Ion Ratio Lower Upper
113 100
111 102.2 80.7 121.1
192 18.9 15.9 23.9





#39

Methylcyclohexane

Concen: 0.366 ug/l

RT: 6.768 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048736.D

Acq: 31 May 2022 13:35

Instrument :

MSVOA_U

ClientSampleId :

MW-12DL

Tgt Ion: 83 Resp: 1440

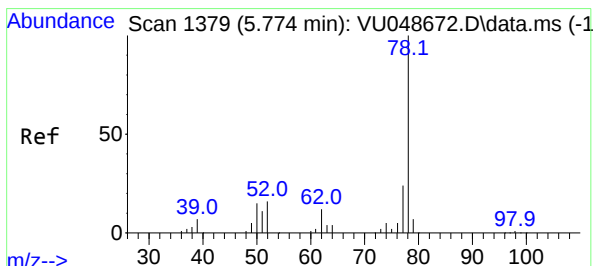
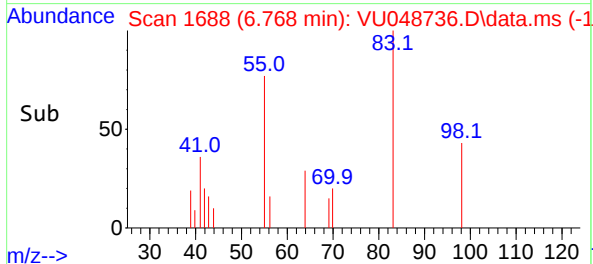
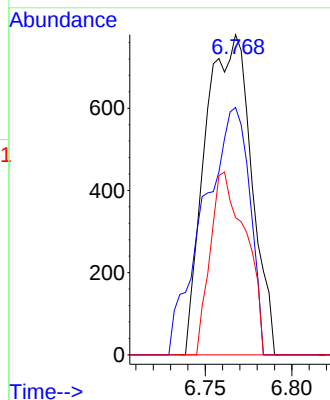
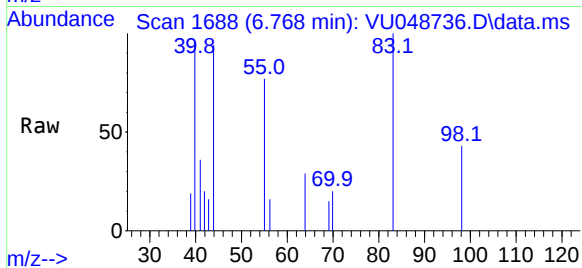
Ion	Ratio	Lower	Upper
83	100		
55	77.3	61.0	91.6
98	42.9	36.8	55.2

Manual Integrations

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Supervised By :Mahesh Dadoda 06/02/2022



#40

Benzene

Concen: 0.301 ug/l

RT: 5.774 min Scan# 1379

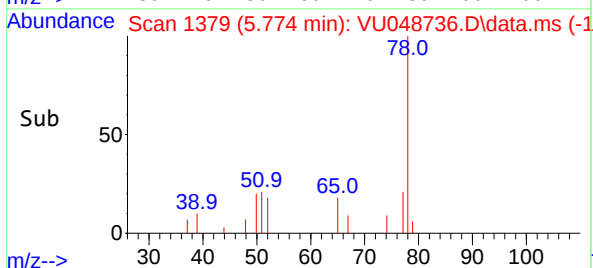
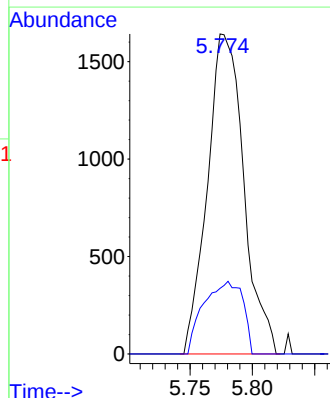
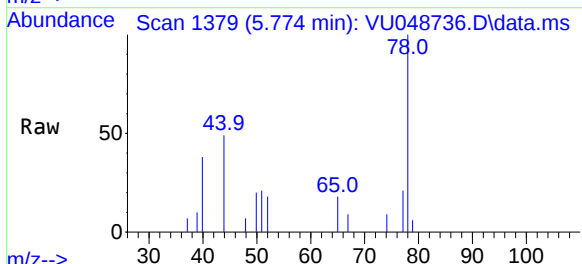
Delta R.T. 0.000 min

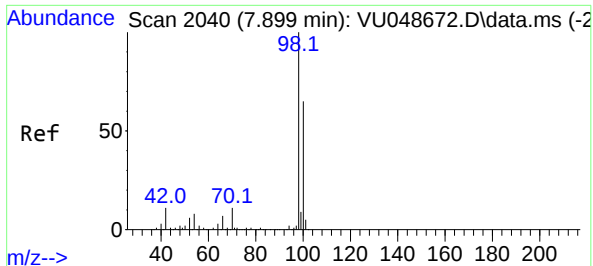
Lab File: VU048736.D

Acq: 31 May 2022 13:35

Tgt Ion: 78 Resp: 3332

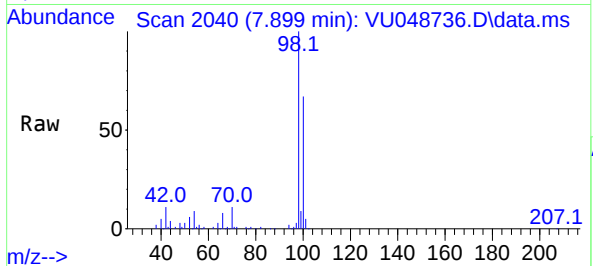
Ion	Ratio	Lower	Upper
78	100		
77	20.5	19.0	28.6





#50
Toluene-d8
Concen: 9.701 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

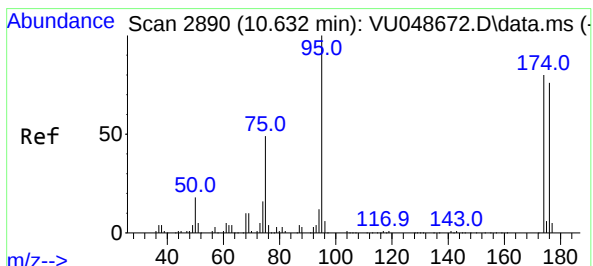
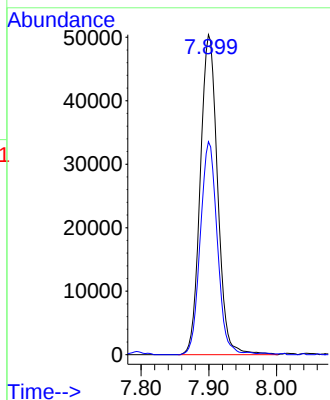
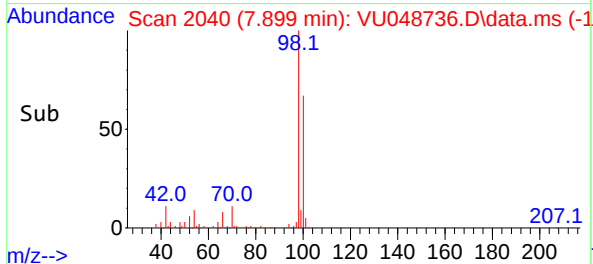
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL



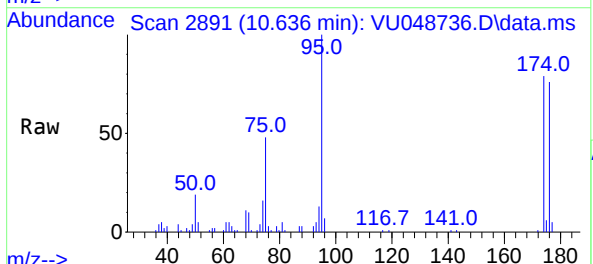
Tgt Ion: 98 Resp: 89480
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4

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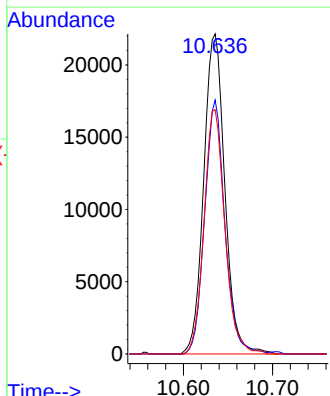
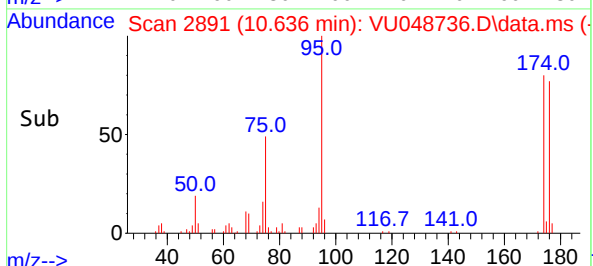
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022

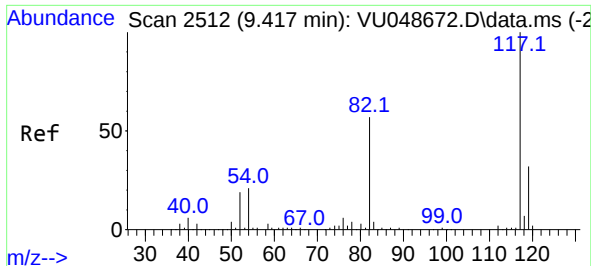


#62
4-Bromofluorobenzene
Concen: 10.442 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35



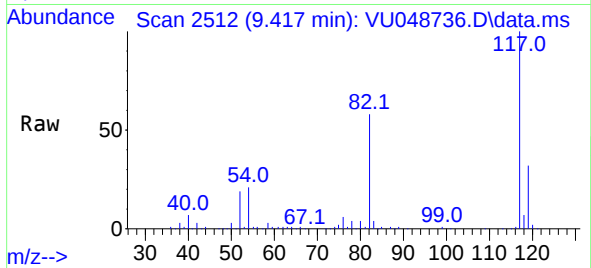
Tgt Ion: 95 Resp: 36424
Ion Ratio Lower Upper
95 100
174 76.0 0.0 159.4
176 75.2 0.0 152.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

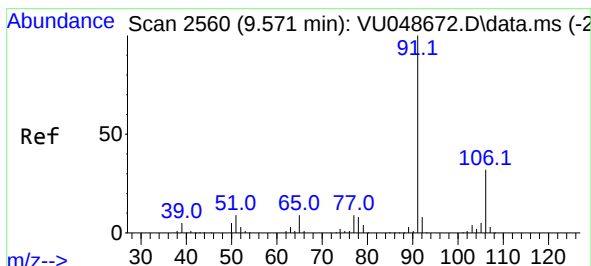
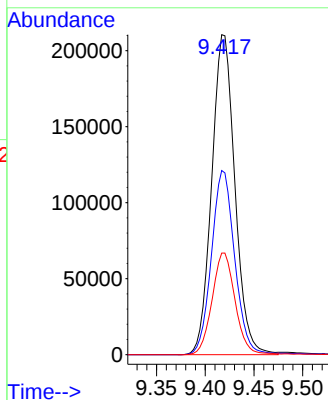
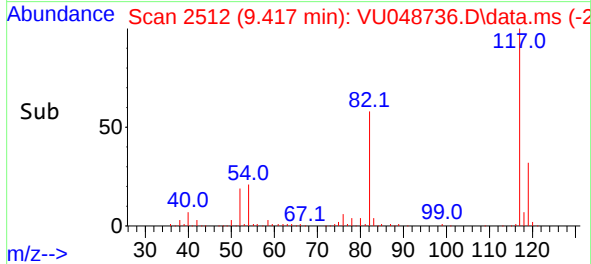
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL



Tgt Ion:117 Resp: 348790
Ion Ratio Lower Upper
117 100
82 57.6 45.3 67.9
119 31.7 25.4 38.2

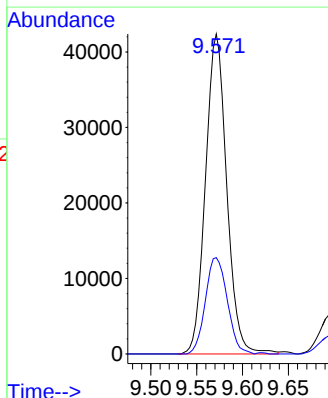
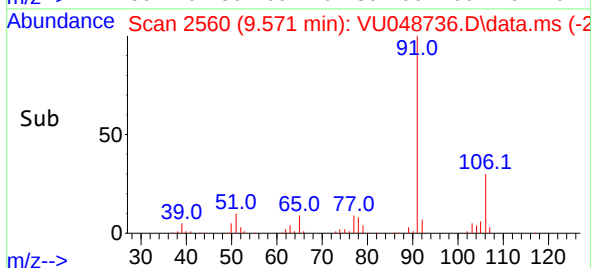
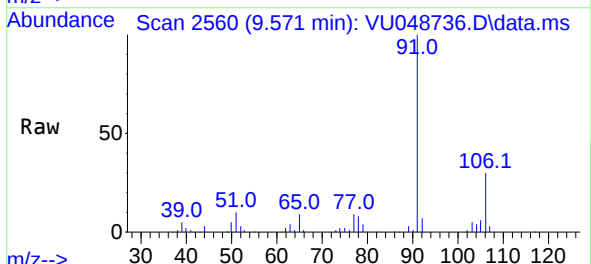
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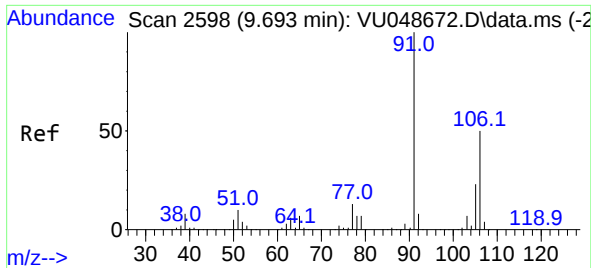
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022



#67
Ethyl Benzene
Concen: 5.487 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

Tgt Ion: 91 Resp: 68267
Ion Ratio Lower Upper
91 100
106 30.1 25.4 38.2





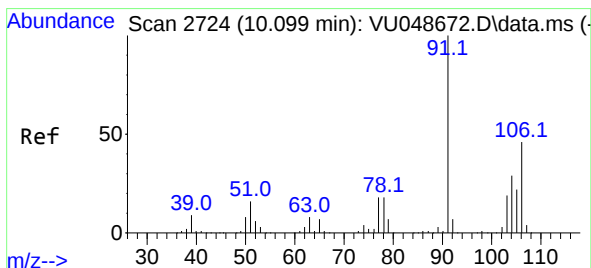
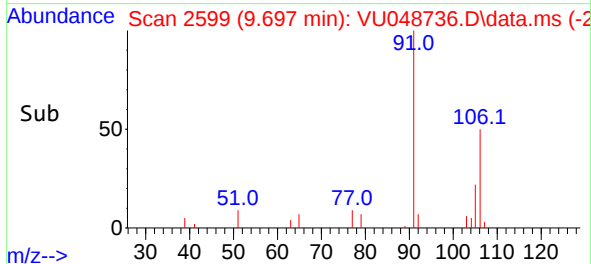
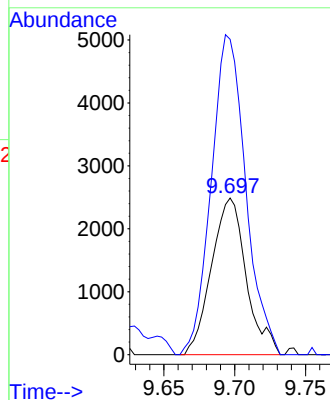
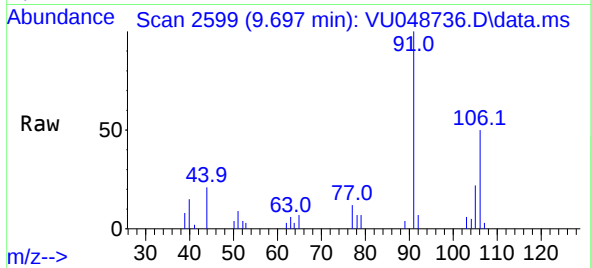
#68
m/p-Xylenes
Concen: 0.874 ug/l
RT: 9.697 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

Tgt Ion:106 Resp: 425
Ion Ratio Lower Upper
106 100
91 202.2 162.4 243.6

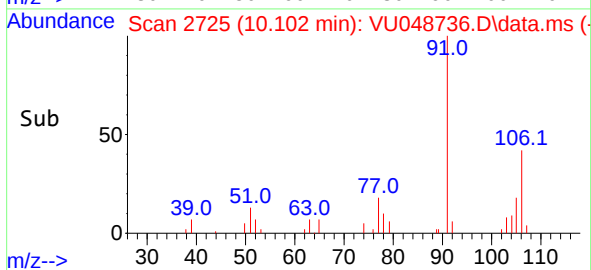
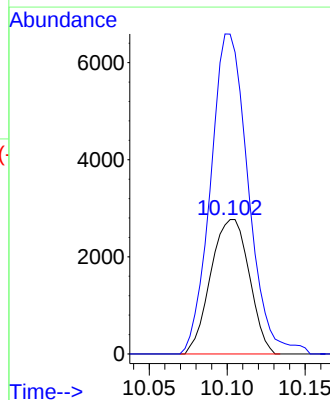
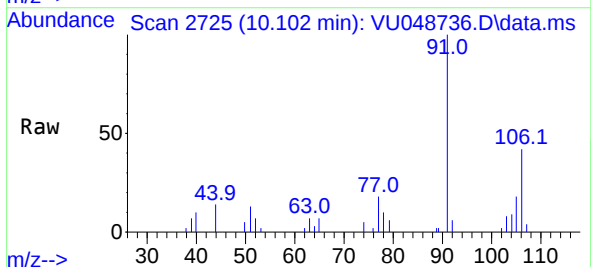
Manual Integrations
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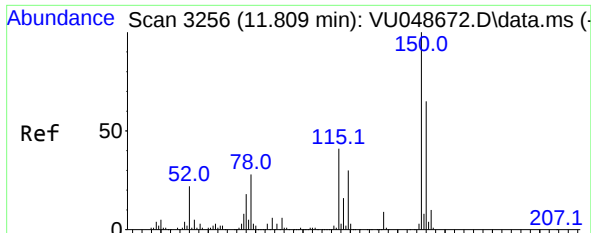
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022



#69
o-Xylene
Concen: 0.994 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

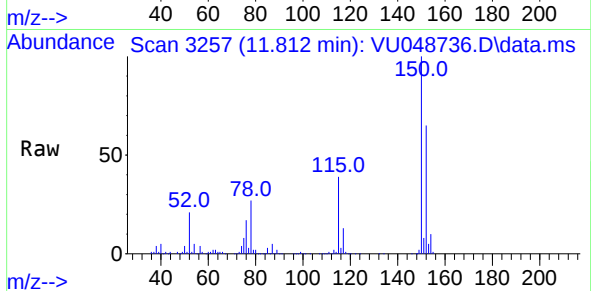
Tgt Ion:106 Resp: 4750
Ion Ratio Lower Upper
106 100
91 232.9 107.7 323.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

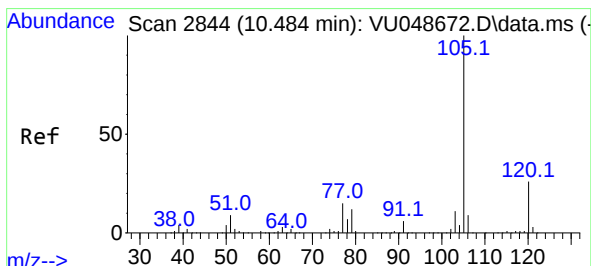
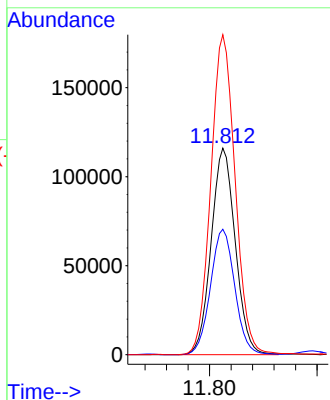
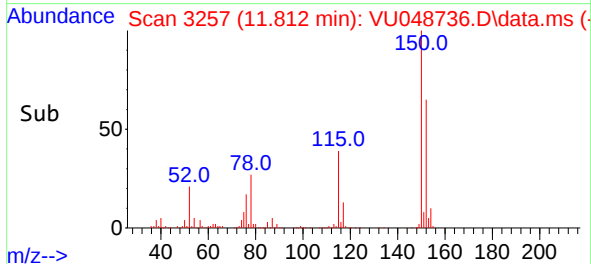
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL



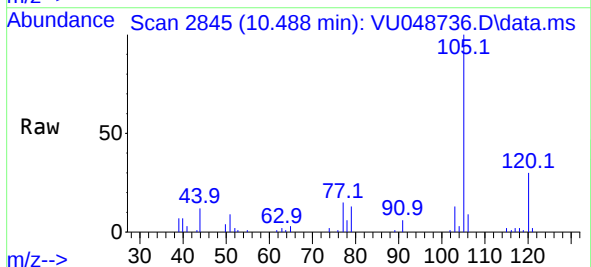
Tgt Ion:152 Resp: 18071
Ion Ratio Lower Upper
152 100
115 61.4 41.8 125.4
150 156.8 0.0 341.0

Manual Integrations
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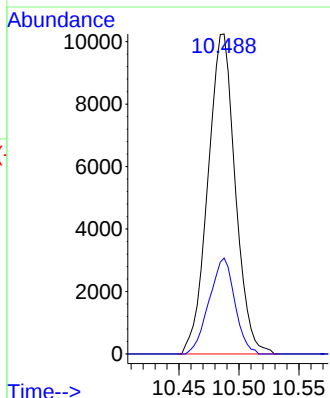
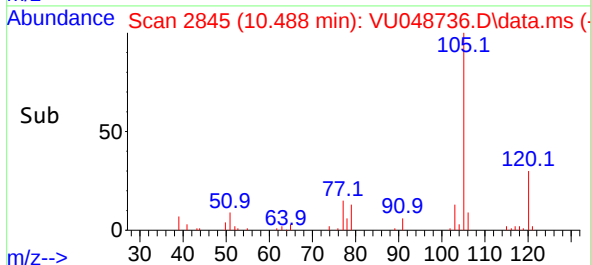
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022

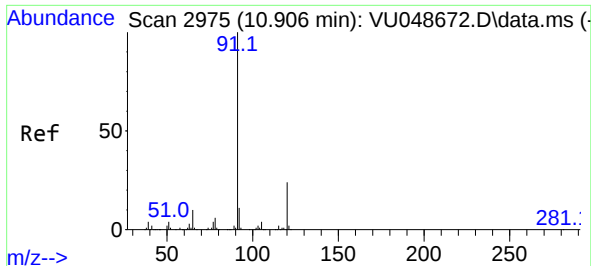


#73
Isopropylbenzene
Concen: 1.393 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35



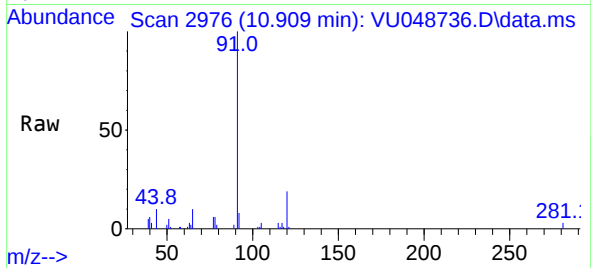
Tgt Ion:105 Resp: 16247
Ion Ratio Lower Upper
105 100
120 28.1 12.9 38.6





#78
n-propylbenzene
Concen: 1.440 ug/l
RT: 10.909 min Scan# 2975
Delta R.T. 0.003 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

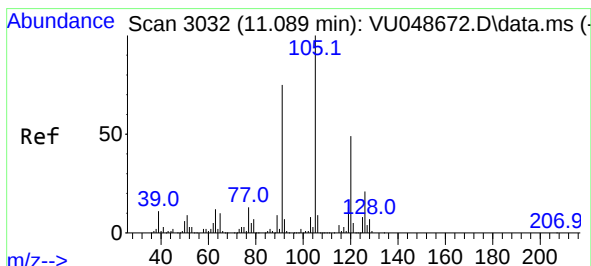
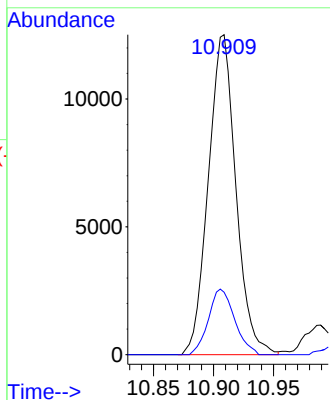
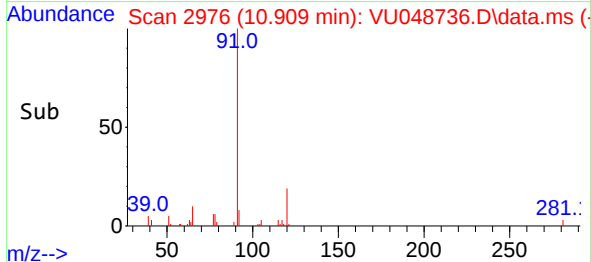
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL



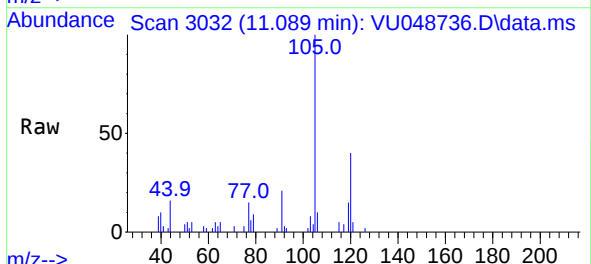
Tgt Ion: 91 Resp: 2002
Ion Ratio Lower Upper
91 100
120 19.5 11.6 34.7

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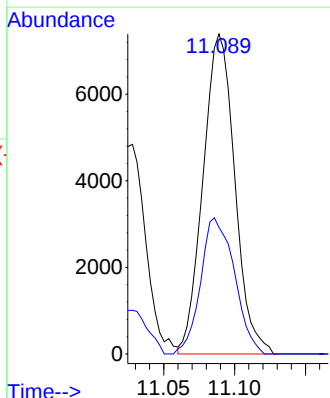
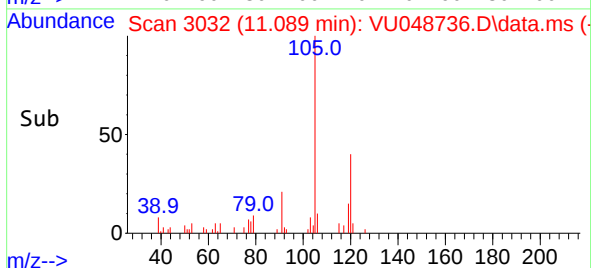
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022

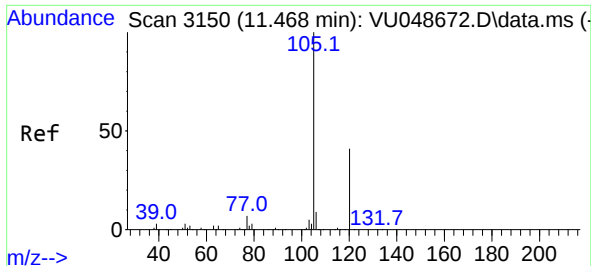


#80
1,3,5-Trimethylbenzene
Concen: 1.136 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35



Tgt Ion:105 Resp: 11525
Ion Ratio Lower Upper
105 100
120 45.2 24.1 72.3





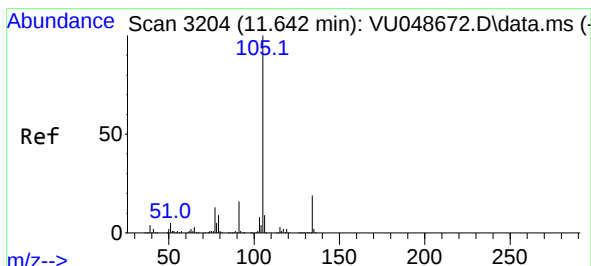
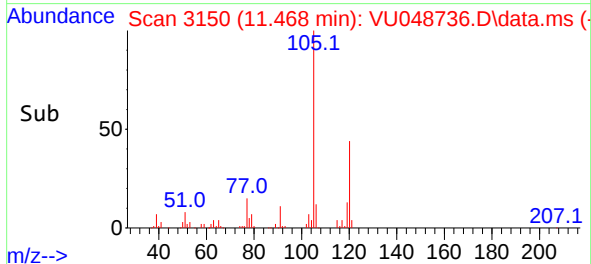
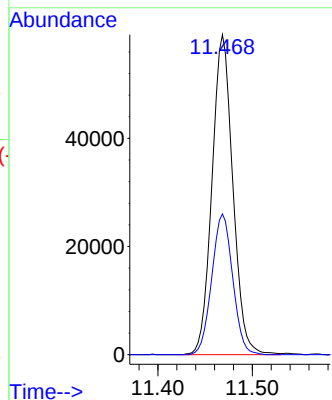
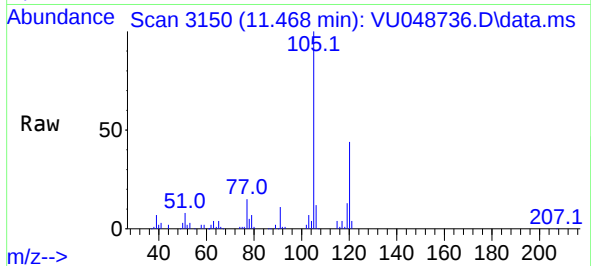
#84
1,2,4-Trimethylbenzene
Concen: 9.275 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

Tgt Ion:105 Resp: 9058
Ion Ratio Lower Upper
105 100
120 44.1 22.5 67.5

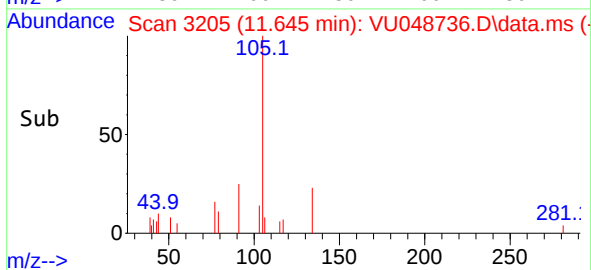
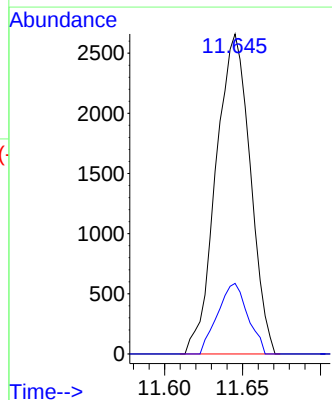
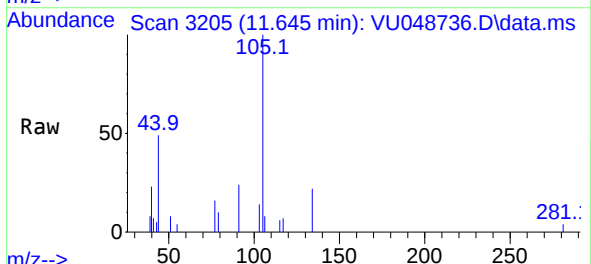
Manual Integrations
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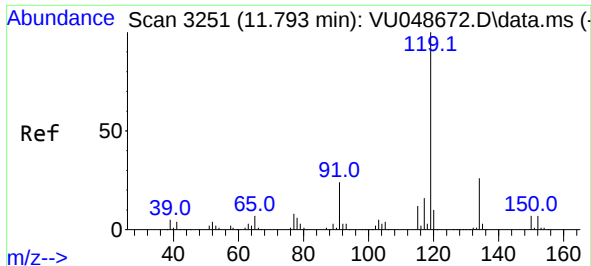
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022



#85
sec-Butylbenzene
Concen: 0.333 ug/l
RT: 11.645 min Scan# 3205
Delta R.T. 0.003 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

Tgt Ion:105 Resp: 4062
Ion Ratio Lower Upper
105 100
134 19.4 9.6 28.6





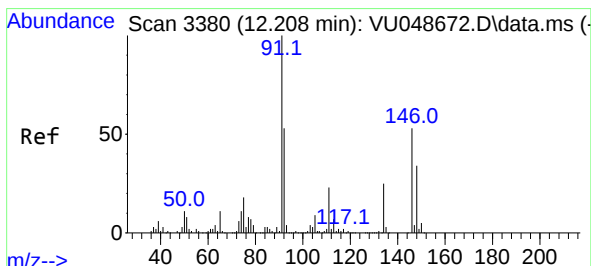
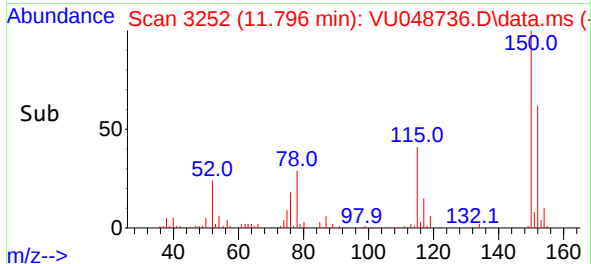
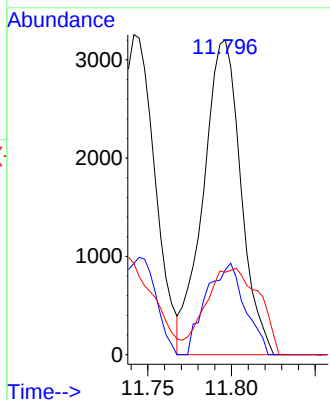
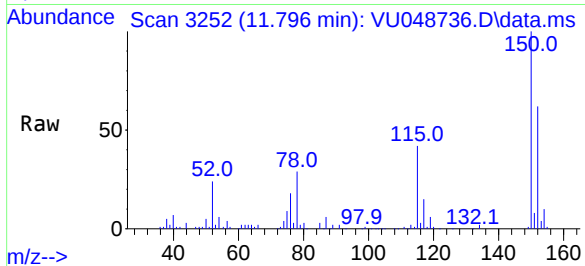
#86
p-Isopropyltoluene
Concen: 0.478 ug/l m
RT: 11.796 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

Tgt Ion: 119 Resp: 500
Ion Ratio Lower Upper
119 100
134 31.2 12.8 38.4
91 30.0 12.0 36.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022



#89
n-Butylbenzene
Concen: 3.165 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU048736.D
Acq: 31 May 2022 13:35

Tgt Ion: 91 Resp: 10722
Ion Ratio Lower Upper
91 100
92 42.9 25.9 77.8
134 0.0 12.5 37.5#

