

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048737.D
 Acq On : 31 May 2022 13:57
 Operator : SY/MD
 Sample : N3056-09DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-02DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 01 02:16:28 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	250188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	427065	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	384881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	202205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	184847	49.196	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.400%		
35) Dibromofluoromethane	5.292	113	144753	47.510	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.020%		
50) Toluene-d8	7.899	98	501835	45.949	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.900%#		
62) 4-Bromofluorobenzene	10.632	95	186481	45.148	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.300%		
Target Compounds					Qvalue	
16) Acetone	2.629	43	3760m	1.964	ug/l	
31) Cyclohexane	5.379	56	13039	2.754	ug/l #	42
39) Methylcyclohexane	6.764	83	8174	1.753	ug/l #	80
40) Benzene	5.777	78	130430	9.935	ug/l	98
52) Toluene	7.970	92	2820	0.359	ug/l	95
67) Ethyl Benzene	9.571	91	563167	41.019	ug/l	97
68) m/p-Xylenes	9.697	106	174860	32.564	ug/l	99
69) o-Xylene	10.102	106	13632	2.584	ug/l	95
73) Isopropylbenzene	10.484	105	41348	3.167	ug/l	97
78) n-propylbenzene	10.906	91	98073	6.305	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	92009	8.105	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	697591	56.851	ug/l	100
85) sec-Butylbenzene	11.645	105	7065m	0.518	ug/l	
86) p-Isopropyltoluene	11.796	119	3748m	0.320	ug/l	
89) n-Butylbenzene	12.205	91	7504m	2.798	ug/l	

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

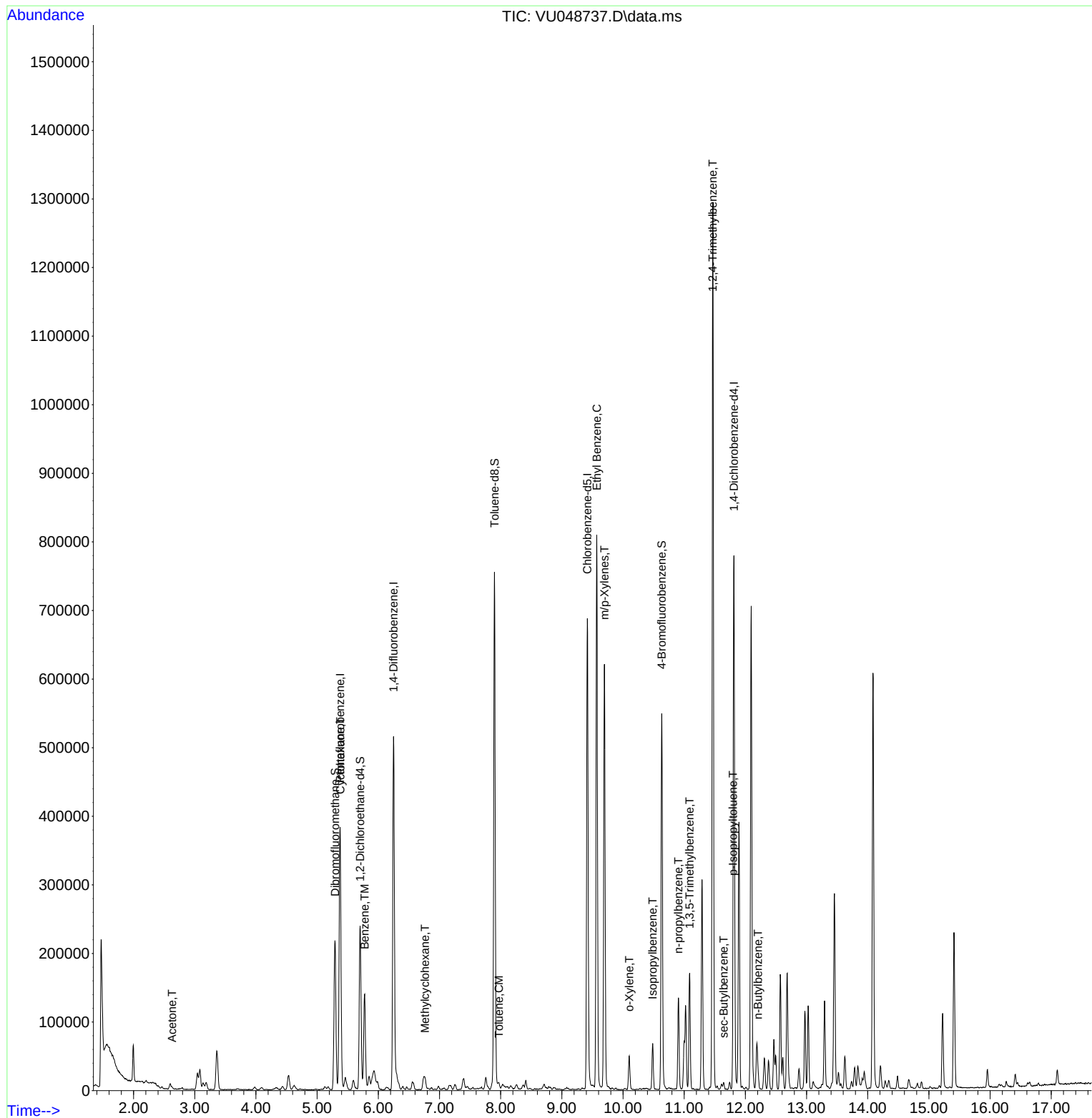
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
Data File : VU048737.D
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Operator : SY/MD
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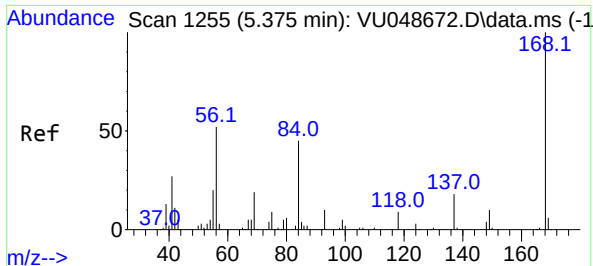
Instrument :
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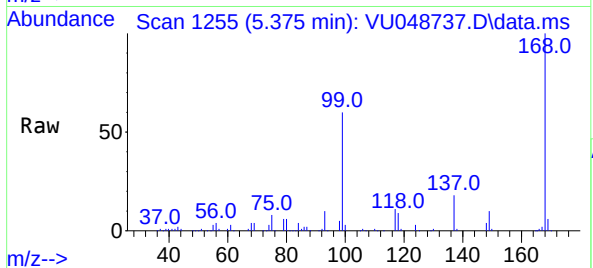
Quant Time: Jun 01 02:16:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

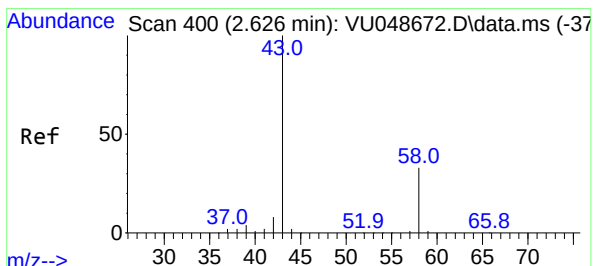
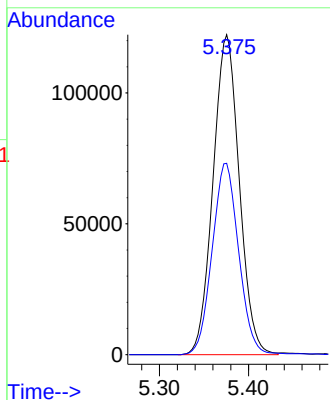
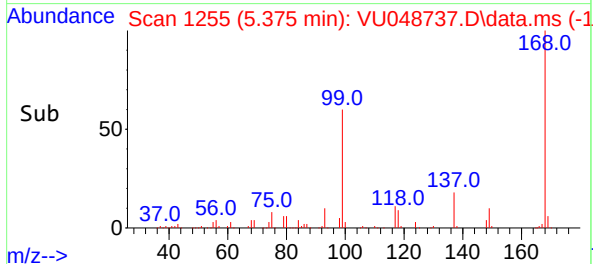
Instrument :
MSVOA_U
ClientSampleId :
MW-02DL



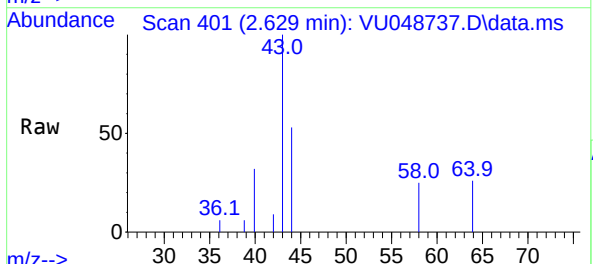
Tgt Ion:168 Resp: 250188
Ion Ratio Lower Upper
168 100
99 59.8 49.3 73.9

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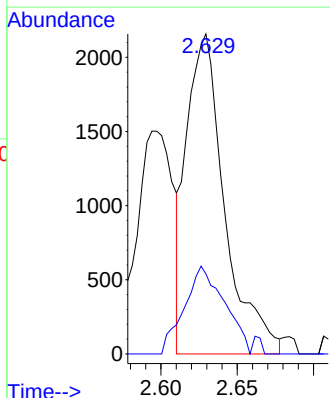
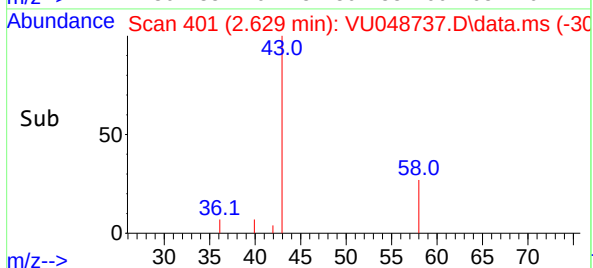
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022

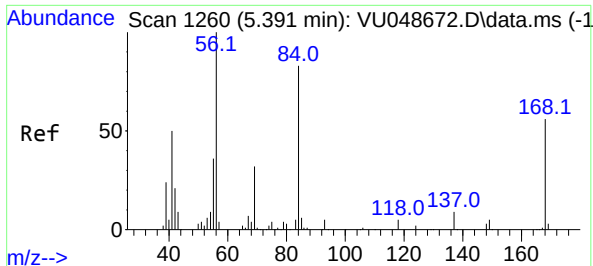


#16
Acetone
Concen: 1.964 ug/l m
RT: 2.629 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57



Tgt Ion: 43 Resp: 3760
Ion Ratio Lower Upper
43 100
58 25.0 26.3 39.5#





#31

Cyclohexane

Concen: 2.754 ug/l

RT: 5.379 min Scan# 1260

Delta R.T. -0.013 min

Lab File: VU048737.D

Acq: 31 May 2022 13:57

Instrument :

MSVOA_U

ClientSampleId :

MW-02DL

Tgt Ion: 56 Resp: 13039

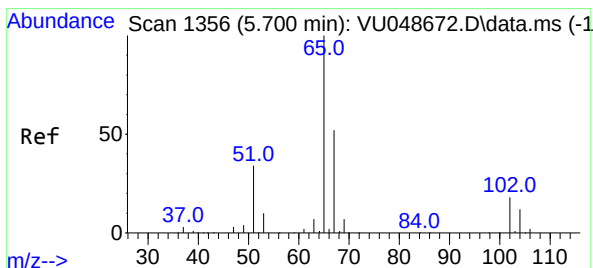
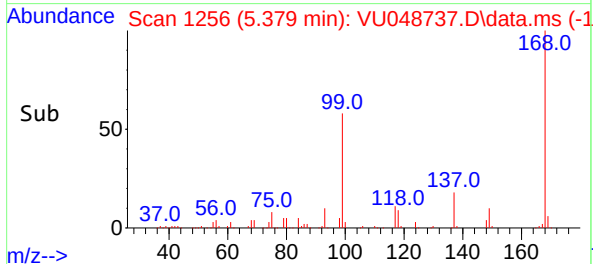
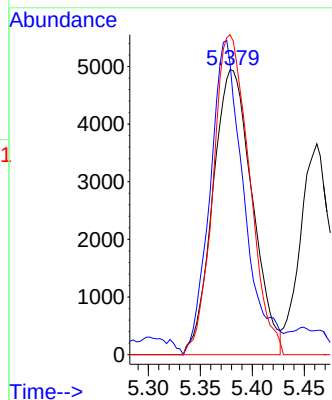
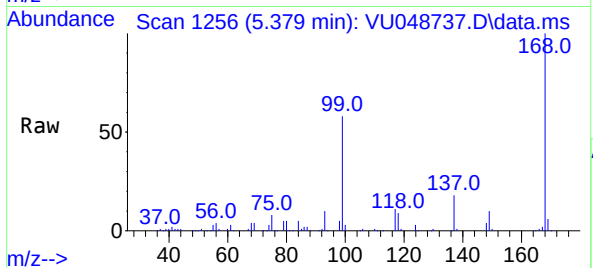
Ion	Ratio	Lower	Upper
56	100		
69	99.9	25.6	38.4
84	112.2	66.2	99.4

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#33

1,2-Dichloroethane-d4

Concen: 49.196 ug/l

RT: 5.703 min Scan# 1357

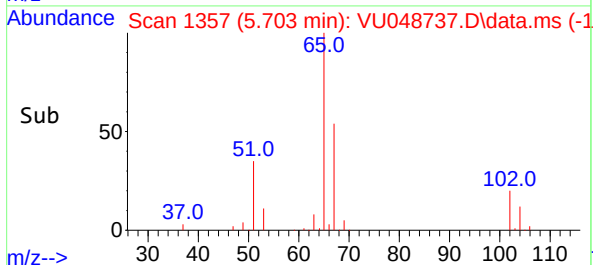
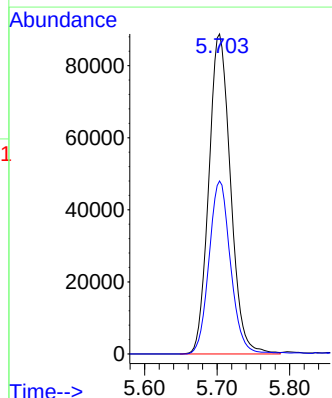
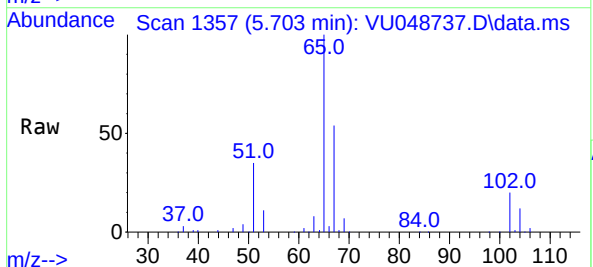
Delta R.T. 0.003 min

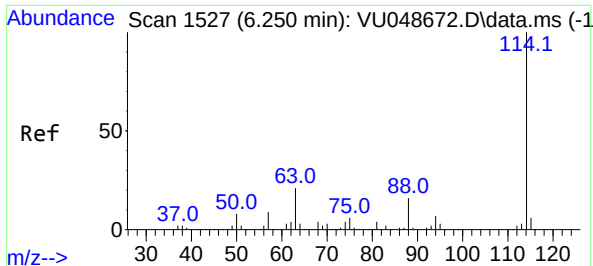
Lab File: VU048737.D

Acq: 31 May 2022 13:57

Tgt Ion: 65 Resp: 184847

Ion	Ratio	Lower	Upper
65	100		
67	53.5	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: VU048737.D

Acq: 31 May 2022 13:57

Instrument :

MSVOA_U

ClientSampleId :

MW-02DL

Tgt Ion:114 Resp: 42706

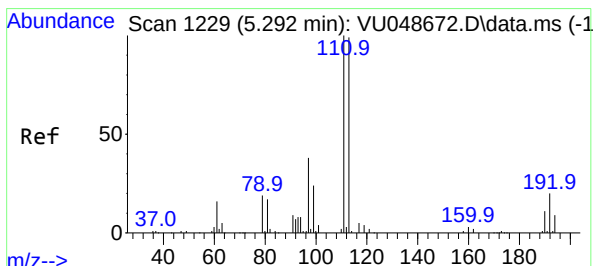
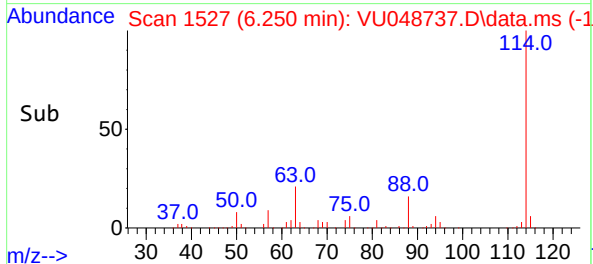
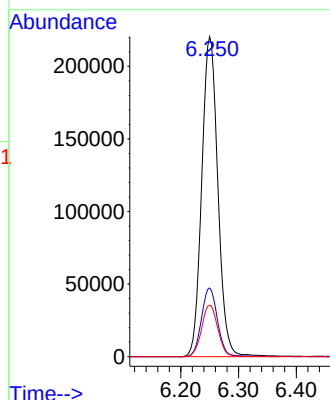
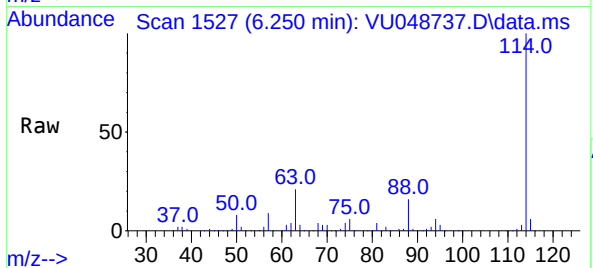
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	42.6
88	16.1	0.0	32.2

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Supervised By :Mahesh Dadoda 06/02/2022



#35

Dibromofluoromethane

Concen: 47.510 ug/l

RT: 5.292 min Scan# 1229

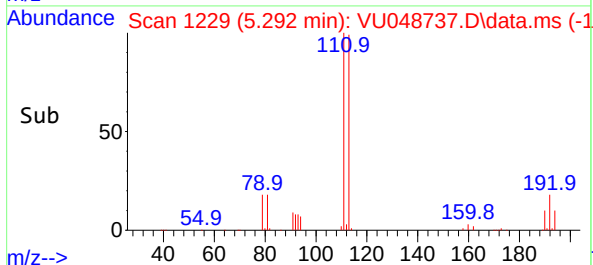
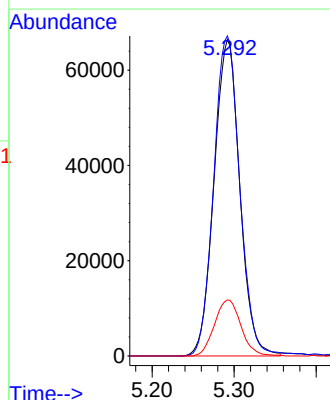
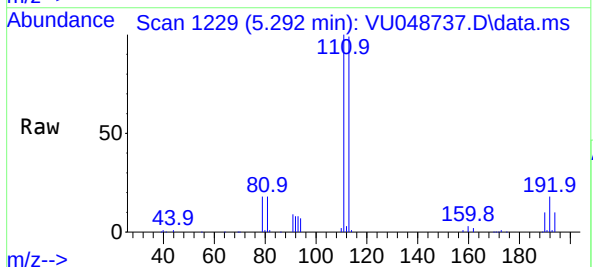
Delta R.T. 0.000 min

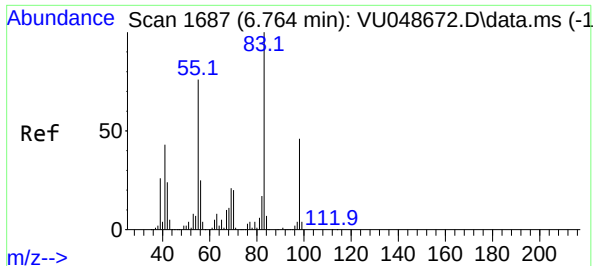
Lab File: VU048737.D

Acq: 31 May 2022 13:57

Tgt Ion:113 Resp: 144753

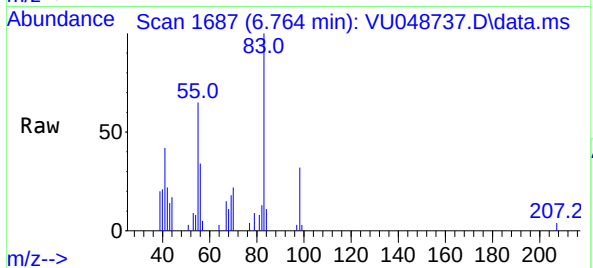
Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.7	121.1
192	18.2	15.9	23.9





#39
Methylcyclohexane
Concen: 1.753 ug/l
RT: 6.764 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

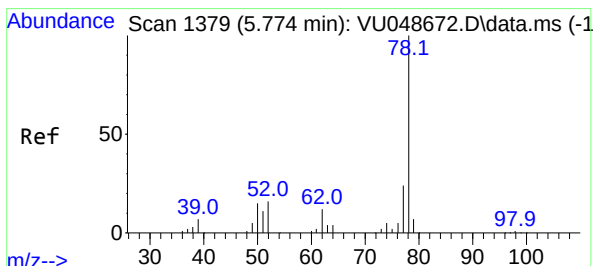
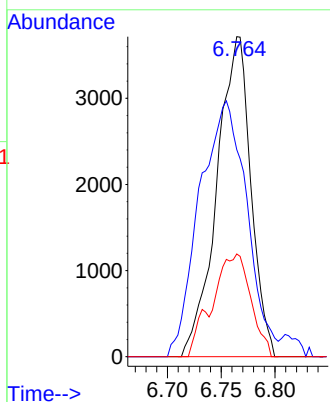
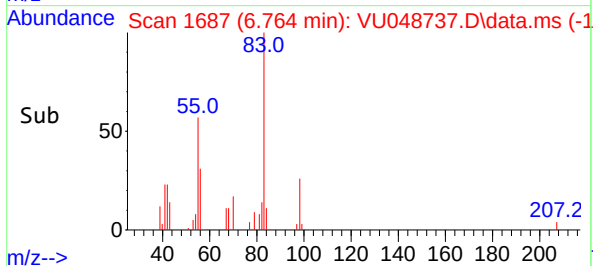
Instrument :
MSVOA_U
ClientSampleId :
MW-02DL



Tgt Ion: 83 Resp: 8174
Ion Ratio Lower Upper
83 100
55 59.9 61.0 91.6
98 32.1 36.8 55.2

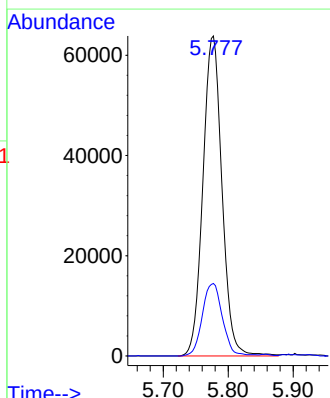
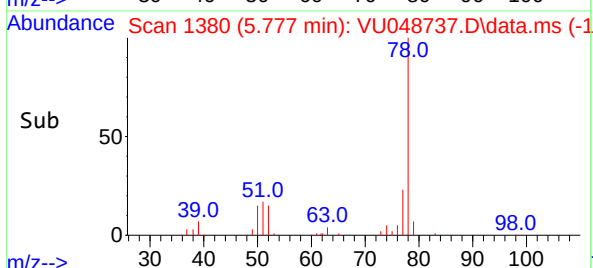
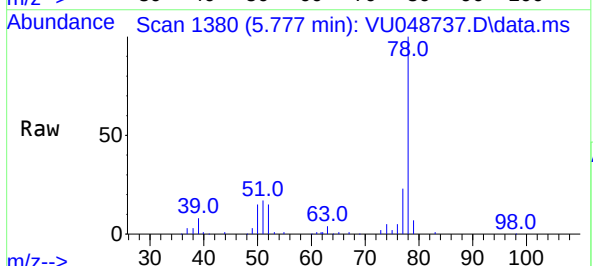
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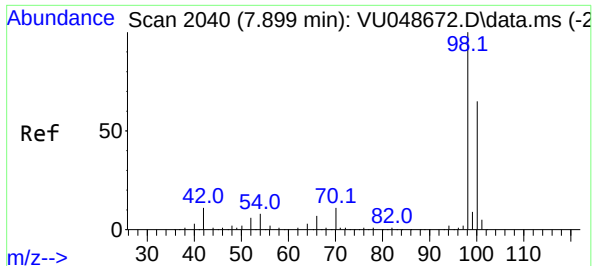
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022



#40
Benzene
Concen: 9.935 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

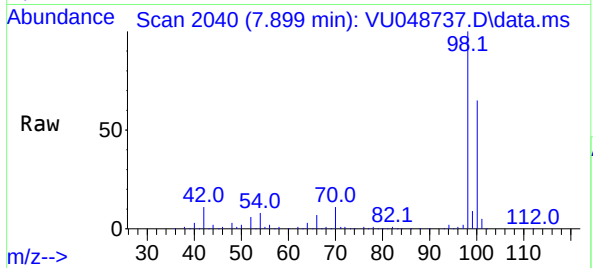
Tgt Ion: 78 Resp: 130430
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.6





#50
Toluene-d8
Concen: 45.949 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

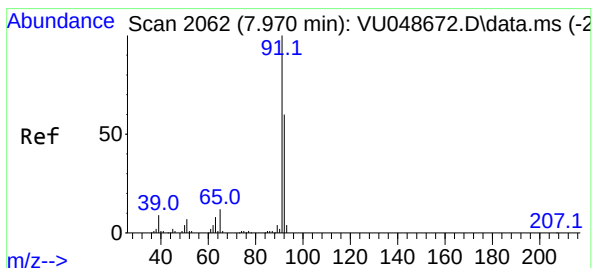
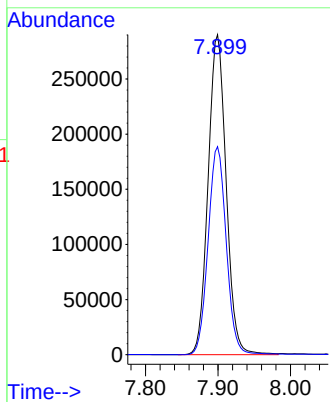
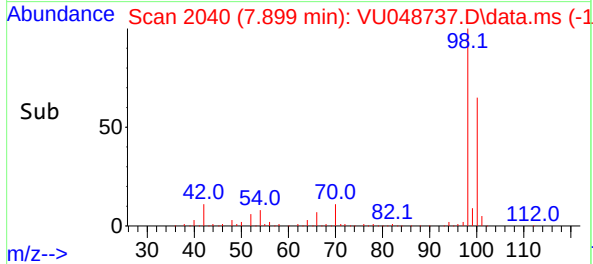
Instrument :
MSVOA_U
ClientSampleId :
MW-02DL



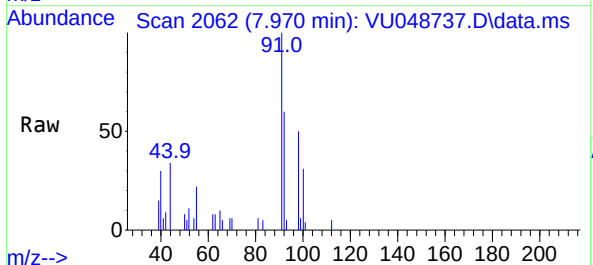
Tgt Ion: 98 Resp: 501835
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4

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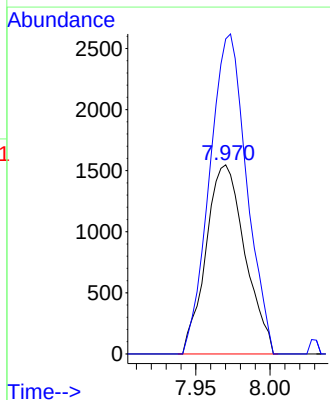
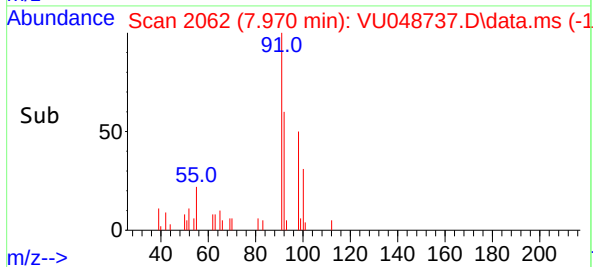
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022

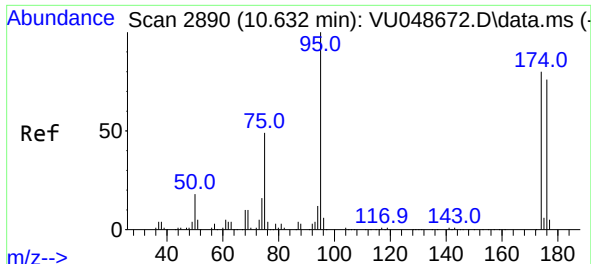


#52
Toluene
Concen: 0.359 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57



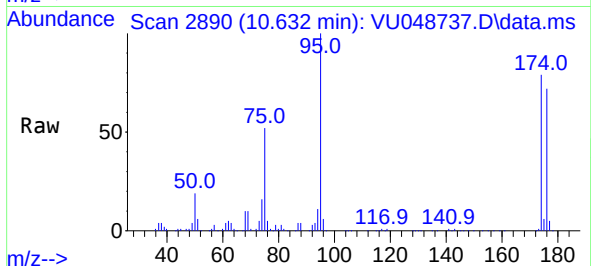
Tgt Ion: 92 Resp: 2820
Ion Ratio Lower Upper
92 100
91 161.2 135.0 202.4





#62
4-Bromofluorobenzene
Concen: 45.148 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

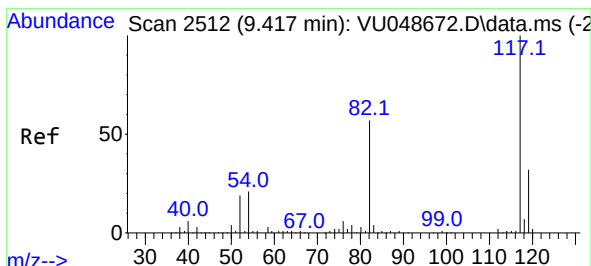
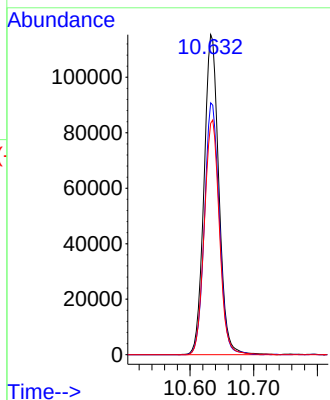
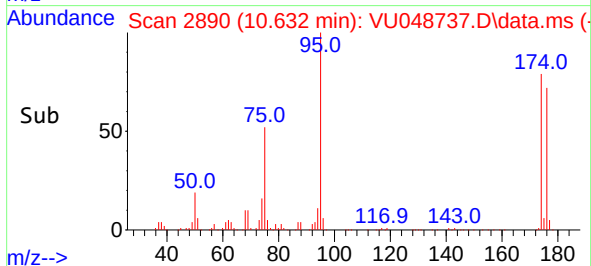
Instrument :
MSVOA_U
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MW-02DL



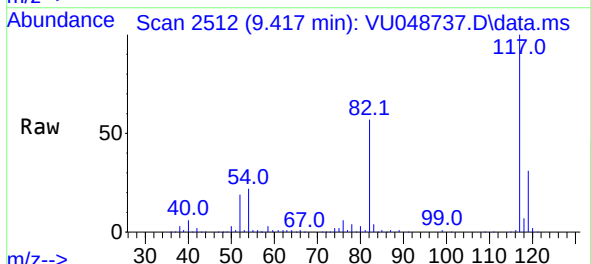
Tgt Ion: 95 Resp: 186481
Ion Ratio Lower Upper
95 100
174 78.7 0.0 159.4
176 74.6 0.0 152.4

Manual Integrations
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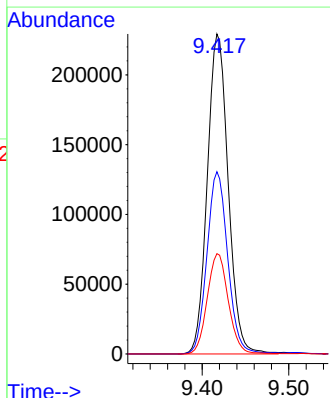
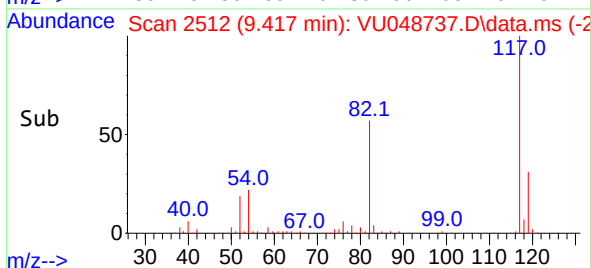
Reviewed By :John Carlone 06/01/2022
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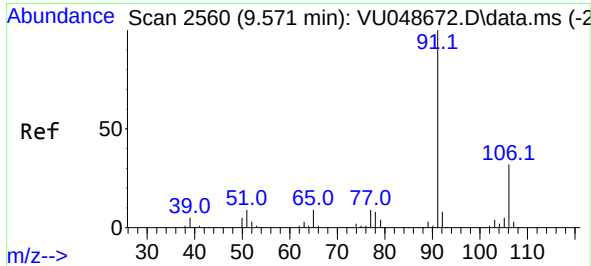


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57



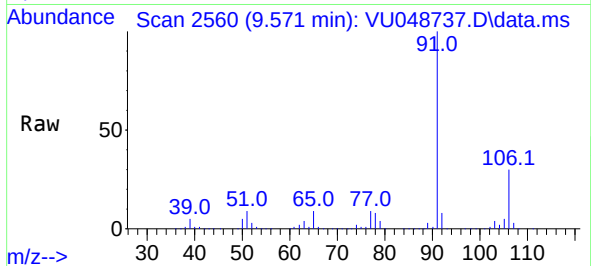
Tgt Ion:117 Resp: 384881
Ion Ratio Lower Upper
117 100
82 56.9 45.3 67.9
119 31.3 25.4 38.2





#67
Ethyl Benzene
Concen: 41.019 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

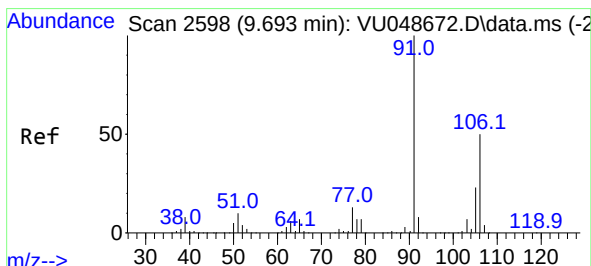
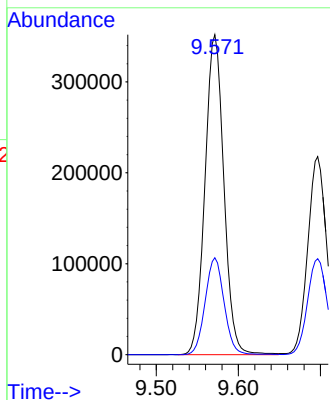
Instrument :
MSVOA_U
ClientSampleId :
MW-02DL



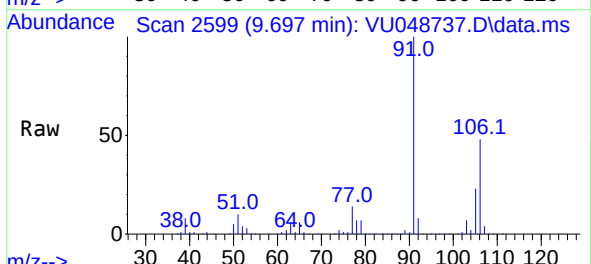
Tgt Ion: 91 Resp: 56316
Ion Ratio Lower Upper
91 100
106 30.3 25.4 38.2

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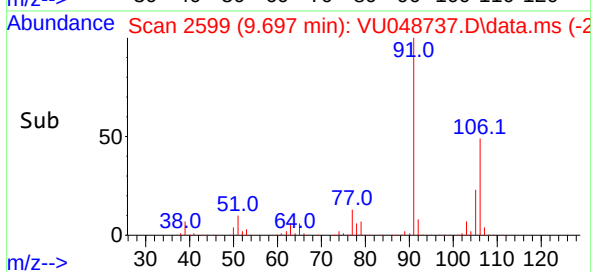
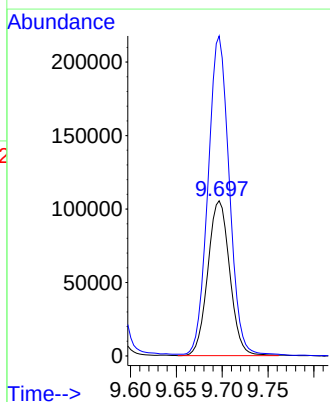
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022

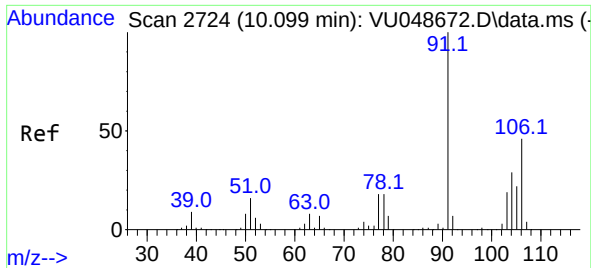


#68
m/p-Xylenes
Concen: 32.564 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57



Tgt Ion:106 Resp: 174860
Ion Ratio Lower Upper
106 100
91 200.8 162.4 243.6





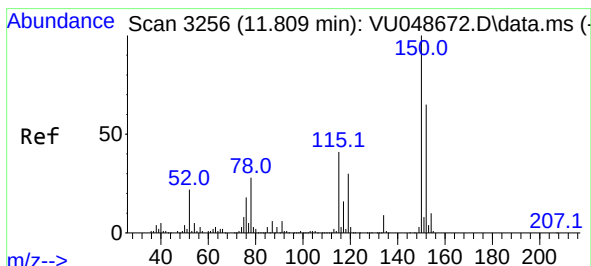
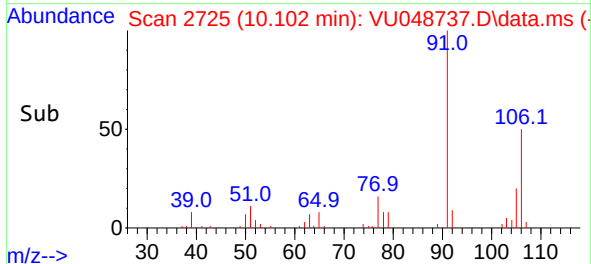
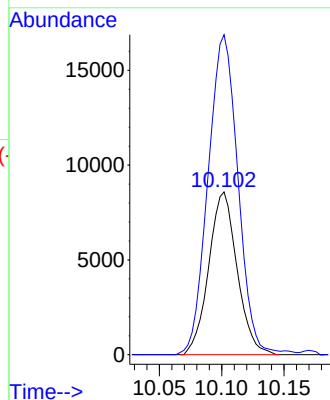
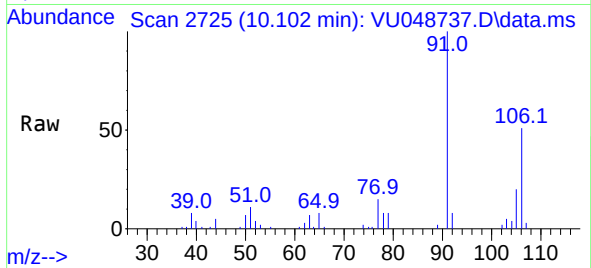
#69
o-Xylene
Concen: 2.584 ug/l
RT: 10.102 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

Instrument :
MSVOA_U
ClientSampleId :
MW-02DL

Tgt Ion:106 Resp: 1363
Ion Ratio Lower Upper
106 100
91 207.4 107.7 323.3

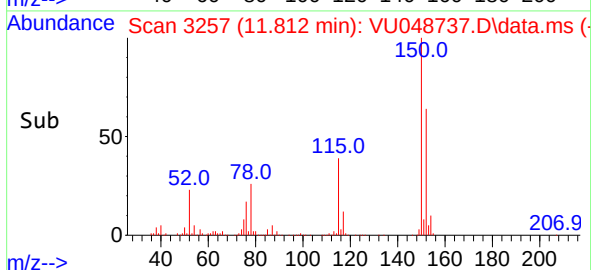
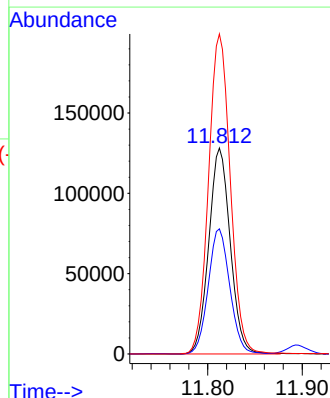
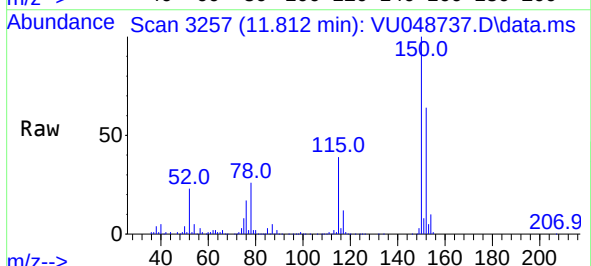
Manual Integrations
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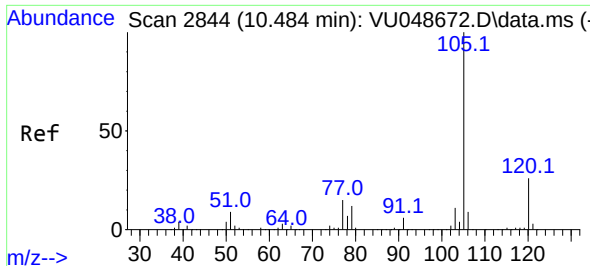
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

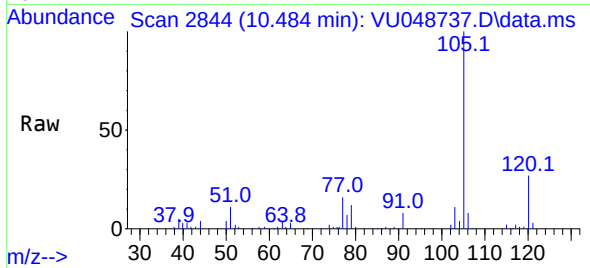
Tgt Ion:152 Resp: 202205
Ion Ratio Lower Upper
152 100
115 61.0 41.8 125.4
150 157.4 0.0 341.0





#73
Isopropylbenzene
Concen: 3.167 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

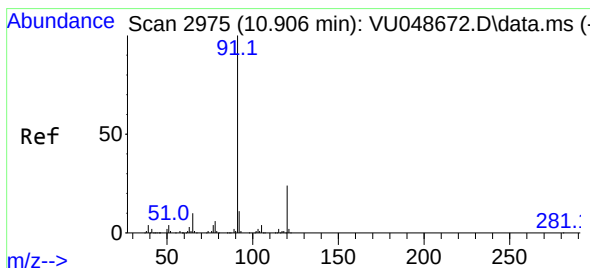
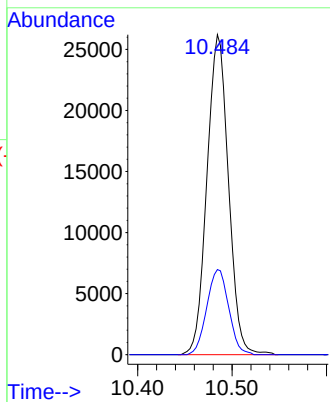
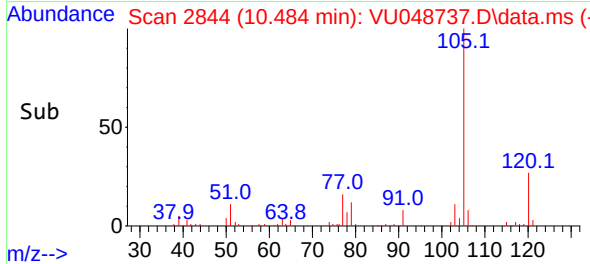
Instrument :
MSVOA_U
ClientSampleId :
MW-02DL



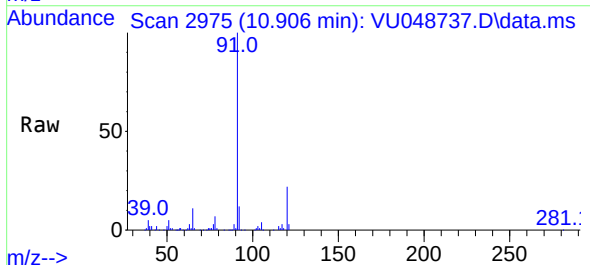
Tgt Ion:105 Resp: 41348
Ion Ratio Lower Upper
105 100
120 27.1 12.9 38.6

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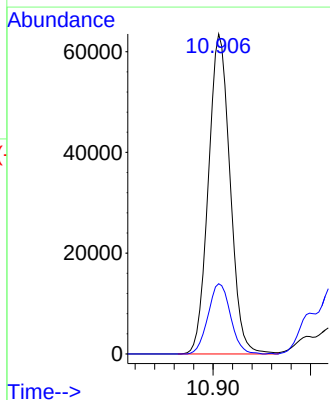
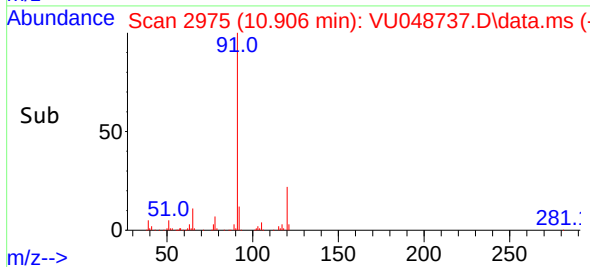
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022

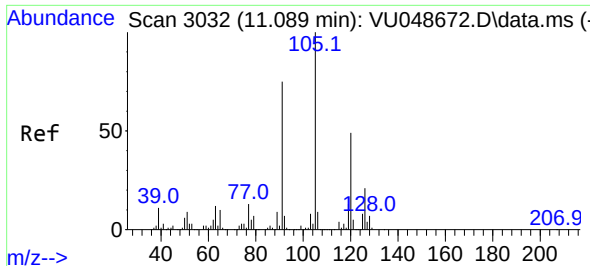


#78
n-propylbenzene
Concen: 6.305 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57



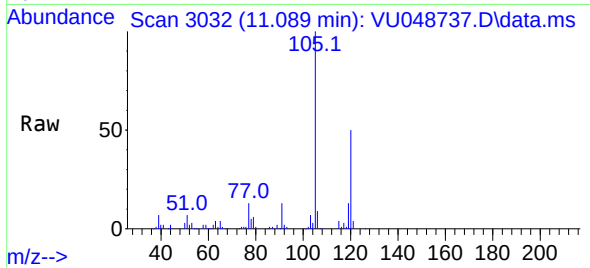
Tgt Ion: 91 Resp: 98073
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.7





#80
1,3,5-Trimethylbenzene
Concen: 8.105 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

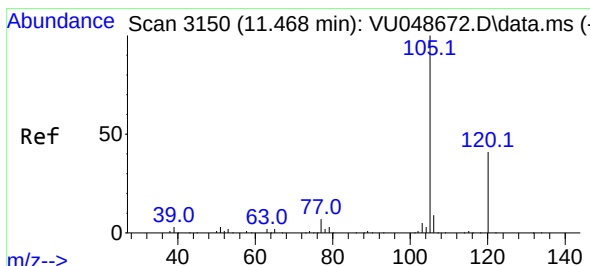
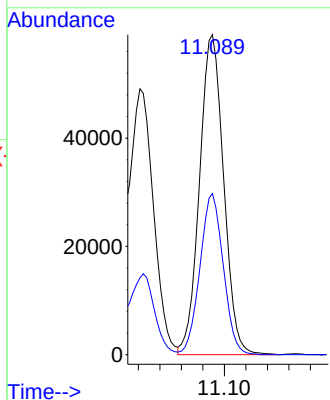
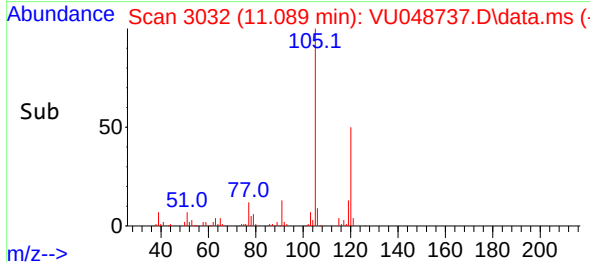
Instrument :
MSVOA_U
ClientSampleId :
MW-02DL



Tgt Ion:105 Resp: 92009
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3

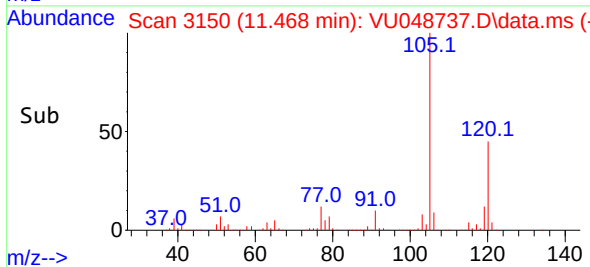
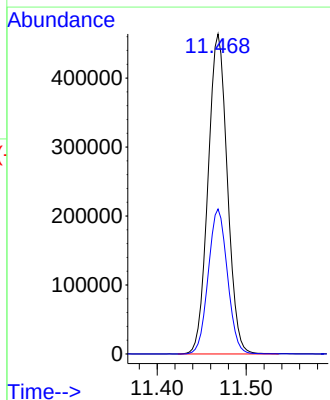
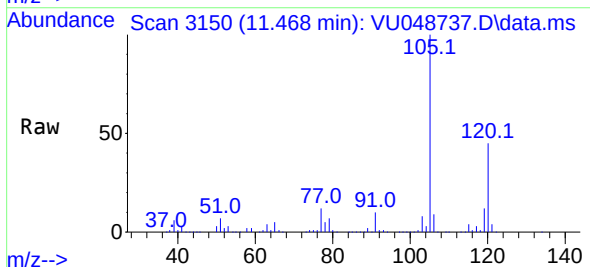
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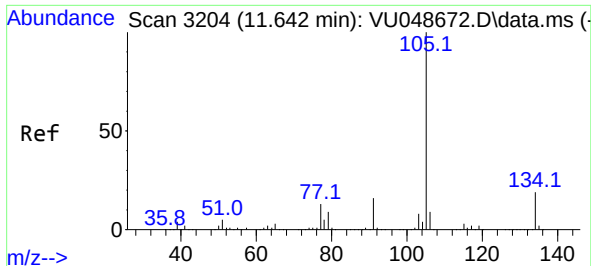
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022



#84
1,2,4-Trimethylbenzene
Concen: 56.851 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

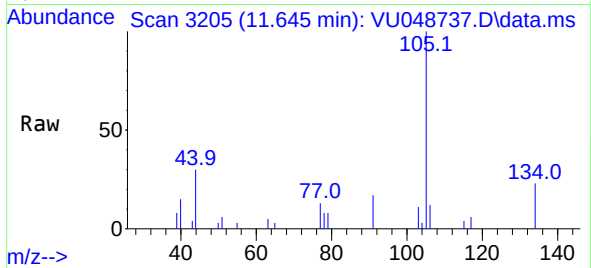
Tgt Ion:105 Resp: 697591
Ion Ratio Lower Upper
105 100
120 45.0 22.5 67.5





#85
sec-Butylbenzene
Concen: 0.518 ug/l m
RT: 11.645 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

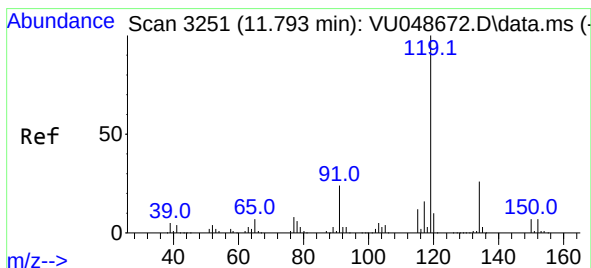
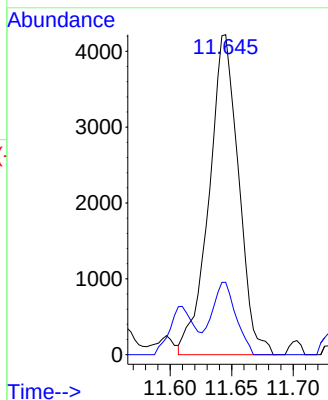
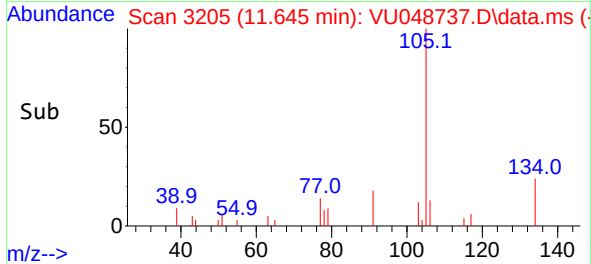
Instrument :
MSVOA_U
ClientSampleId :
MW-02DL



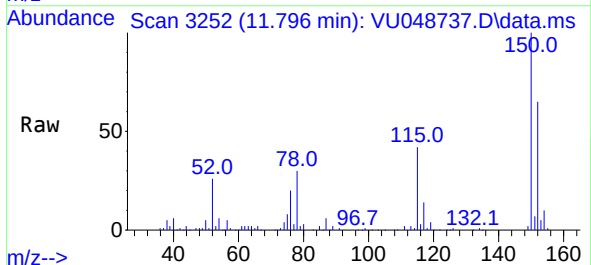
Tgt Ion:105 Resp: 706
Ion Ratio Lower Upper
105 100
134 0.9 9.6 28.6

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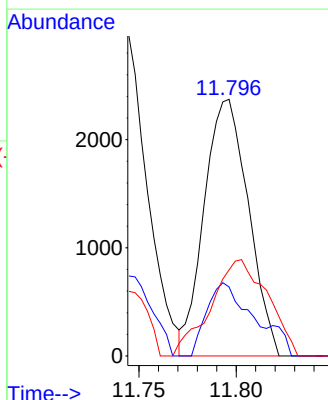
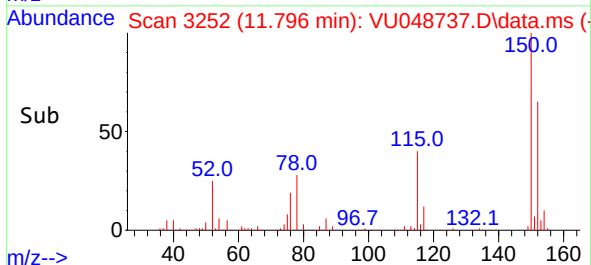
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/02/2022

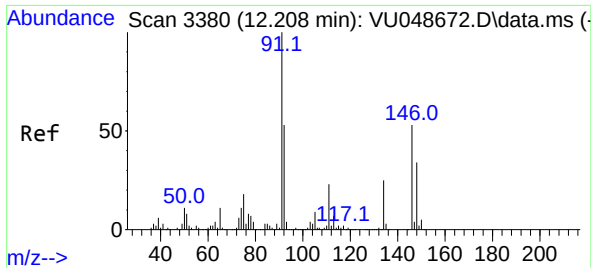


#86
p-Isopropyltoluene
Concen: 0.320 ug/l m
RT: 11.796 min Scan# 3252
Delta R.T. 0.003 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57



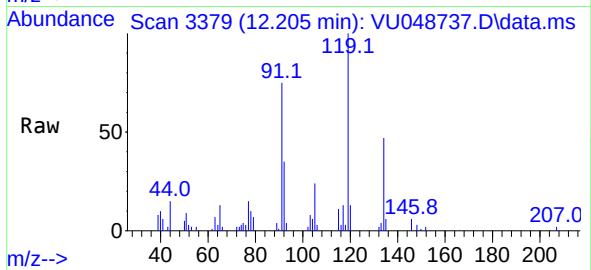
Tgt Ion:119 Resp: 3748
Ion Ratio Lower Upper
119 100
134 32.8 12.8 38.4
91 29.9 12.0 36.0





#89
n-Butylbenzene
Concen: 2.798 ug/l m
RT: 12.205 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048737.D
Acq: 31 May 2022 13:57

Instrument :
MSVOA_U
ClientSampleId :
MW-02DL



Tgt Ion: 91 Resp: 7504
Ion Ratio Lower Upper
91 100
92 67.2 25.9 77.8
134 186.9 12.5 37.5

Manual Integrations
APPROVED

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

