

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047412.D
 Acq On : 09 Mar 2022 18:21
 Operator : SY/MD
 Sample : N1810-22DL 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBDA7DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/10/2022
 Supervised By : Mahesh Dadoda 03/11/2022

Quant Time: Mar 10 01:06:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 00:51:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	173217	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	162888	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	91214	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	42787	4.554	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.000%	
7) Chloroethane-d5	1.919	69	32012	4.642	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.800%	
11) 1,1-Dichloroethene-d2	2.572	65	19576	4.718	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.400%	
20) 2-Butanone-d5	4.645	46	75959	45.414	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	90.820%	
24) Chloroform-d	5.067	84	66251	4.427	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
26) 1,2-Dichloroethane-d4	5.707	65	35151	4.638	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
32) Benzene-d6	5.732	84	147039	4.799	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
36) 1,2-Dichloropropane-d6	6.694	67	43499	4.799	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.000%	
41) Toluene-d8	7.899	98	139640	4.637	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
43) trans-1,3-Dichloroprop...	8.182	79	17867	4.643	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.800%	
46) 2-Hexanone-d5	8.636	63	82663	48.761	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.520%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36049	4.564	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	55368	4.788	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.800%	
Target Compounds					Qvalue	
30) Cyclohexane	5.395	56	18522	1.142	ug/L	97
33) Benzene	5.777	78	44207	1.005	ug/L	100
35) Methylcyclohexane	6.764	83	3293	0.178	ug/L #	78
42) Toluene	7.970	91	139214	2.913	ug/L	98
52) Ethylbenzene	9.571	91	228687	4.418	ug/L	98
53) m,p-Xylene	9.694	106	255957	12.607	ug/L	99
54) o-Xylene	10.102	106	56983	2.897	ug/L	95
60) Isopropylbenzene	10.484	105	12622m	0.247	ug/L	
62) 1,3,5-Trimethylbenzene	11.089	105	36047	1.077	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	154191	3.551	ug/L	100

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

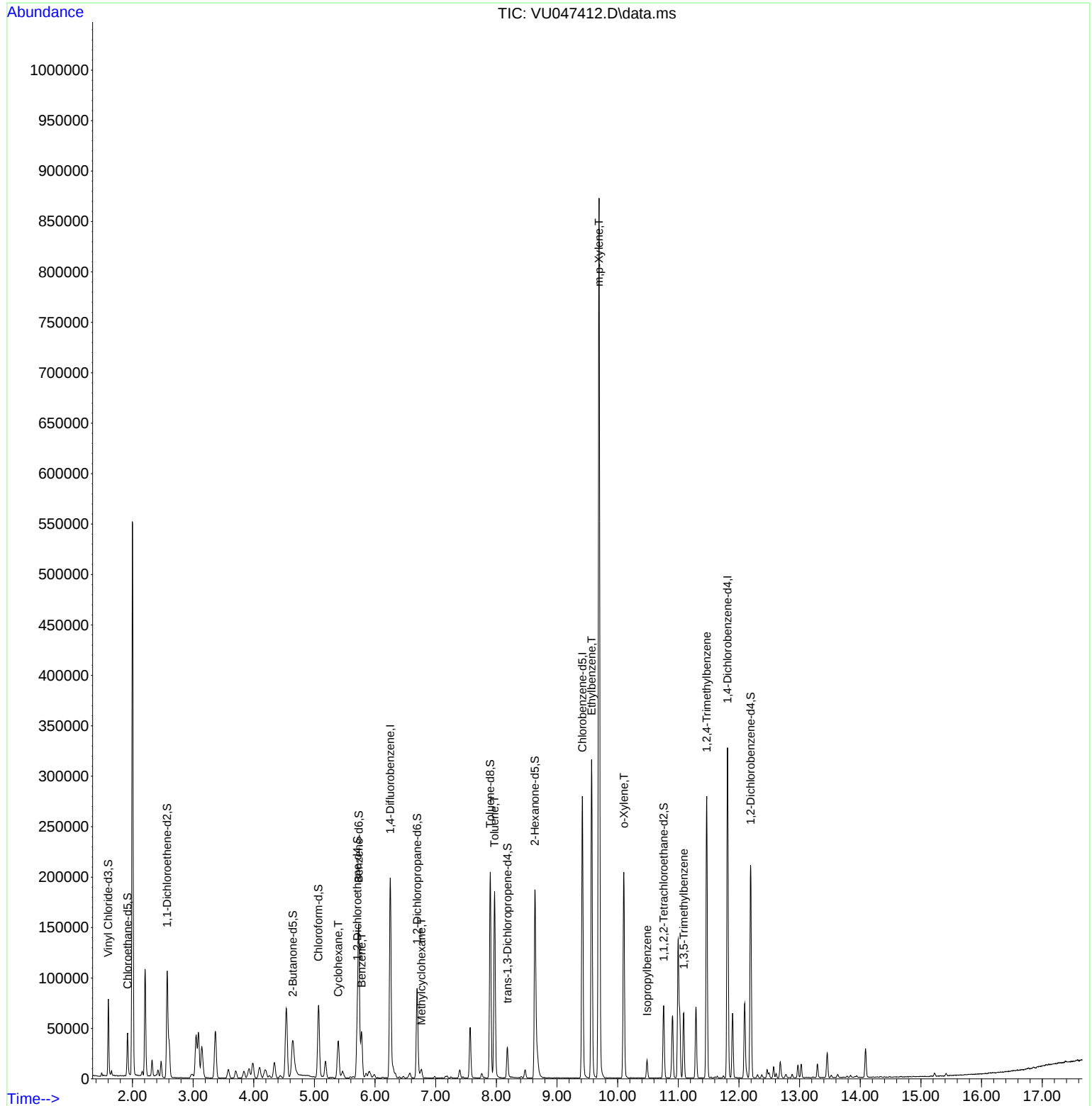
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
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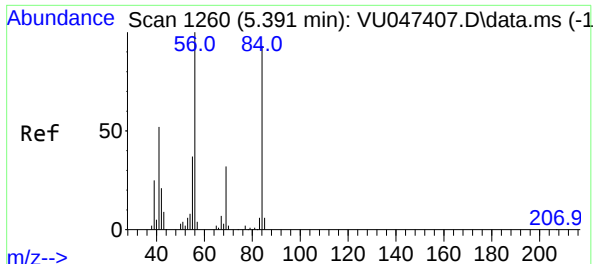
Instrument :
MSVOA_U
ClientSampleId :
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Quant Time: Mar 10 01:06:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
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Response via : Initial Calibration

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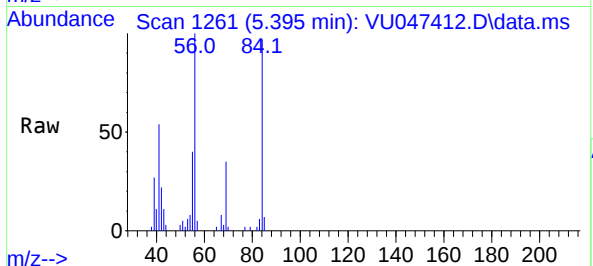
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/11/2022





#30
Cyclohexane
Concen: 1.142 ug/L
RT: 5.395 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VU047412.D
Acq: 09 Mar 2022 18:21

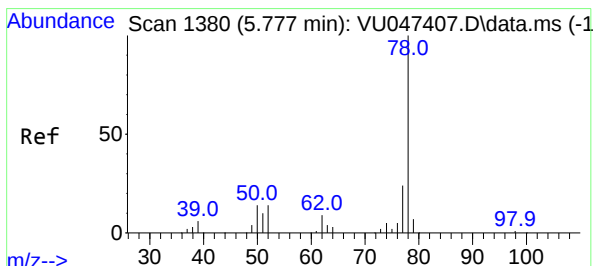
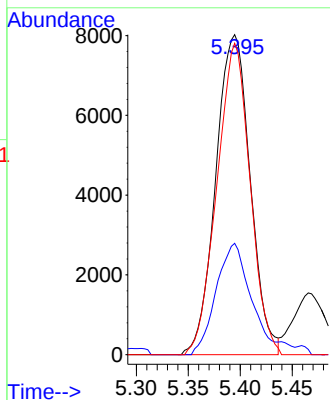
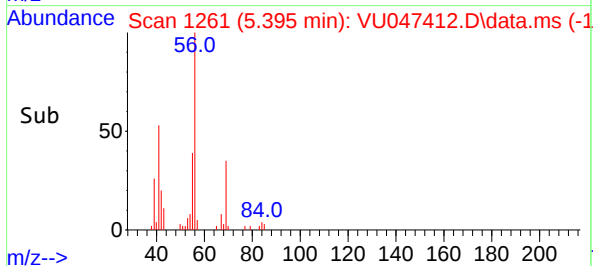
Instrument :
MSVOA_U
ClientSampleId :
GBDA7DL



Tgt Ion: 56 Resp: 1852
Ion Ratio Lower Upper
56 100
69 36.5 26.0 39.0
84 93.7 76.3 114.5

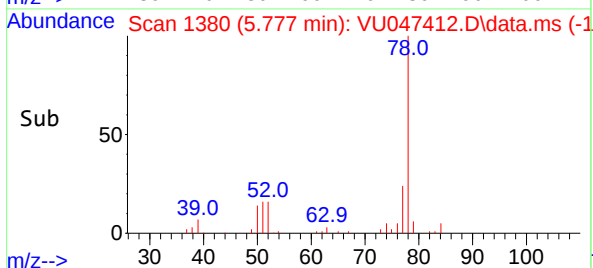
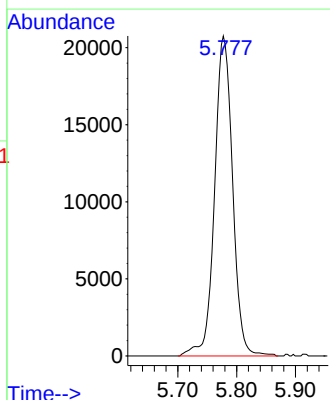
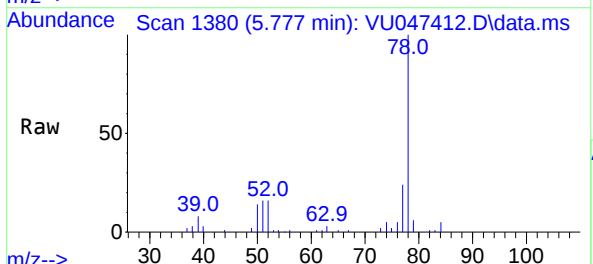
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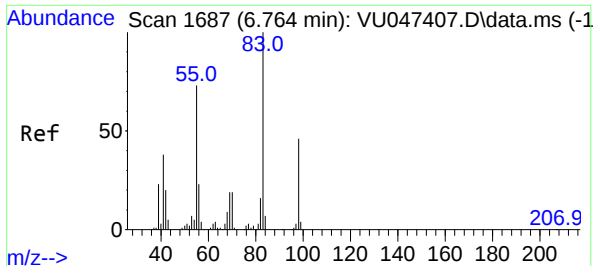
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/11/2022



#33
Benzene
Concen: 1.005 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047412.D
Acq: 09 Mar 2022 18:21

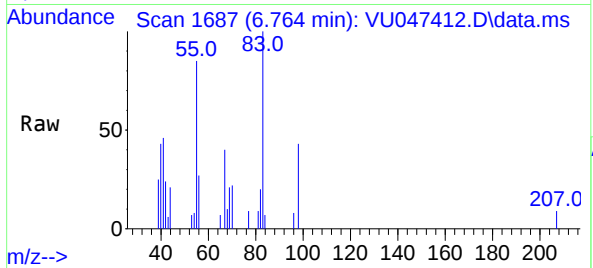
Tgt Ion: 78 Resp: 44207





#35
Methylcyclohexane
Concen: 0.178 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU047412.D
Acq: 09 Mar 2022 18:21

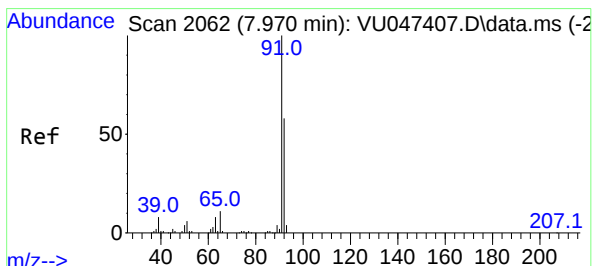
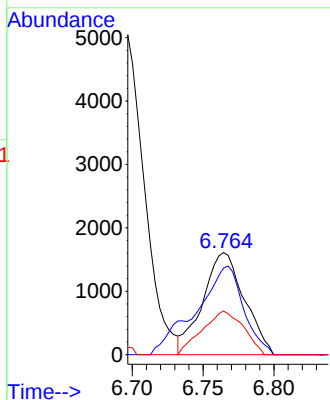
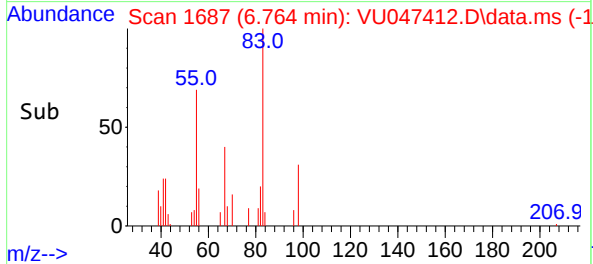
Instrument :
MSVOA_U
ClientSampleId :
GBDA7DL



Tgt Ion: 83 Resp: 329
Ion Ratio Lower Upper
83 100
55 99.1 57.8 86.8
98 42.4 38.0 57.0

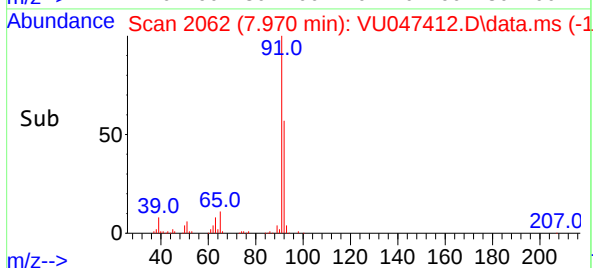
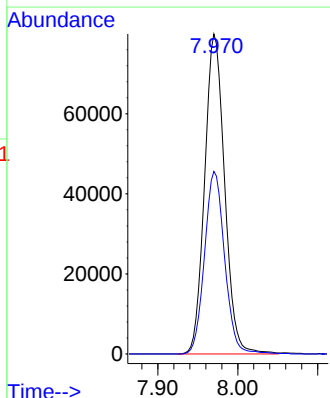
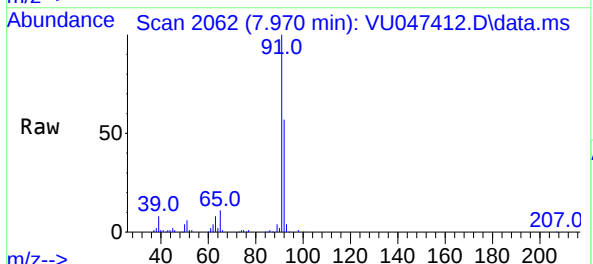
Manual Integrations
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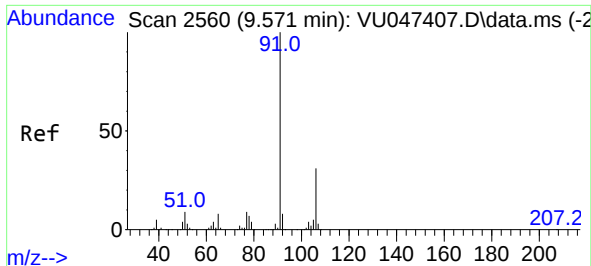
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/11/2022



#42
Toluene
Concen: 2.913 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU047412.D
Acq: 09 Mar 2022 18:21

Tgt Ion: 91 Resp: 139214
Ion Ratio Lower Upper
91 100
92 57.1 40.8 75.8





#52

Ethylbenzene

Concen: 4.418 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU047412.D

Acq: 09 Mar 2022 18:21

Instrument :

MSVOA_U

ClientSampleId :

GBDA7DL

Tgt Ion: 91 Resp: 22868

Ion Ratio Lower Upper

91 100

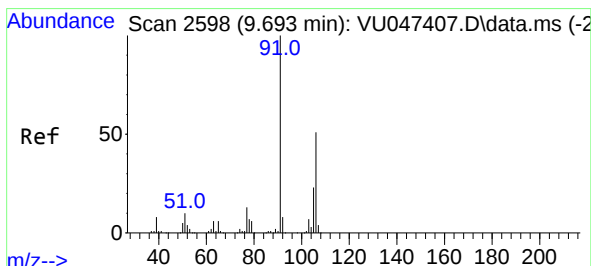
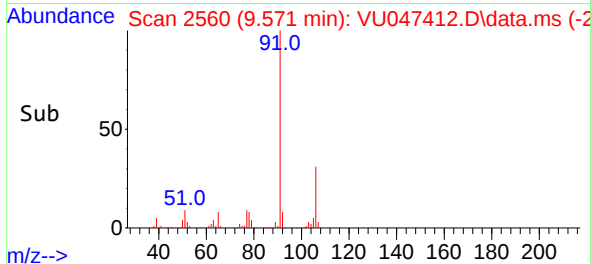
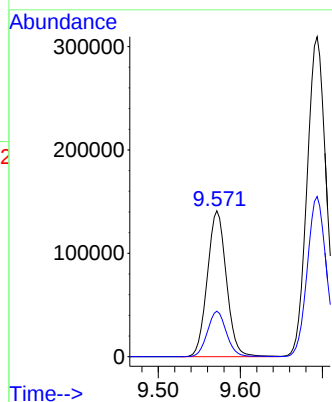
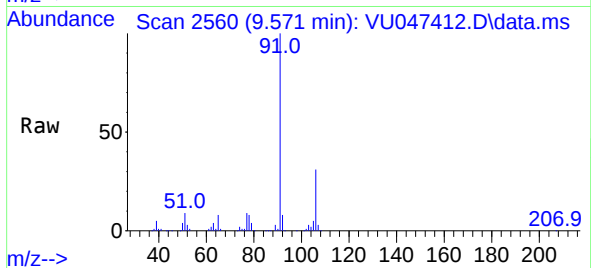
106 31.1 22.4 41.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/10/2022

Supervised By :Mahesh Dadoda 03/11/2022



#53

m,p-Xylene

Concen: 12.607 ug/L

RT: 9.694 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU047412.D

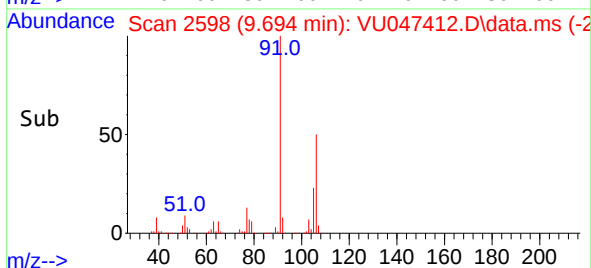
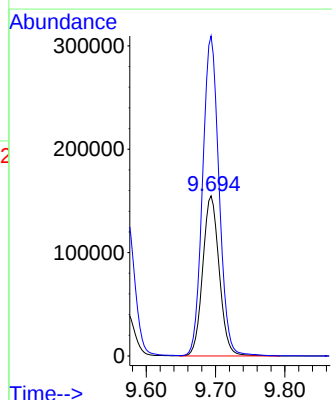
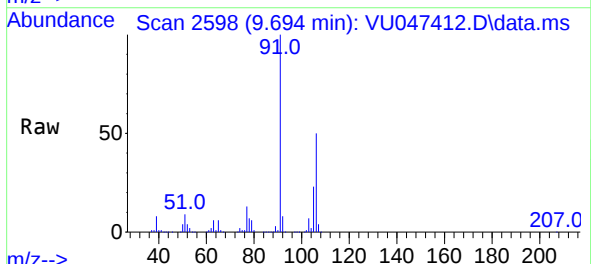
Acq: 09 Mar 2022 18:21

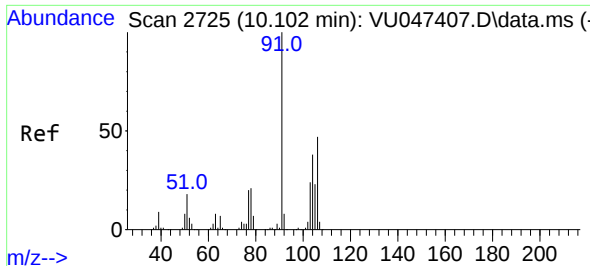
Tgt Ion:106 Resp: 255957

Ion Ratio Lower Upper

106 100

91 199.9 138.8 257.8





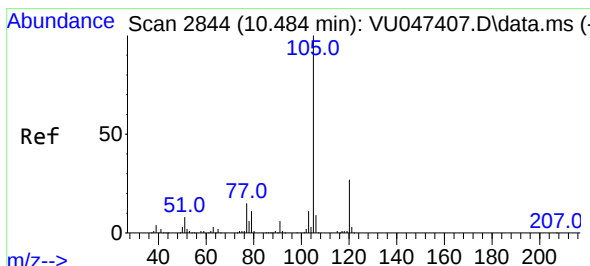
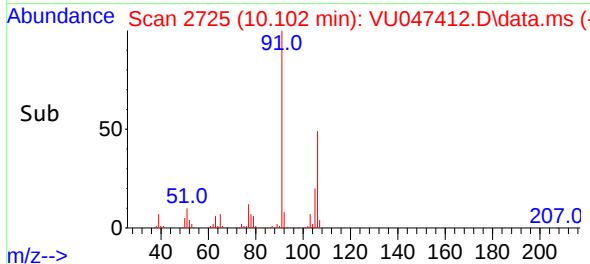
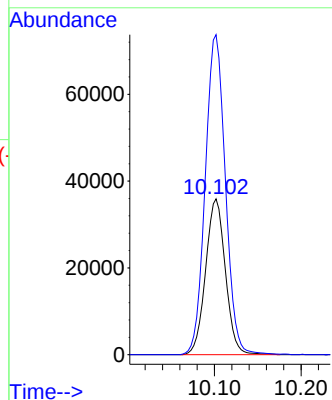
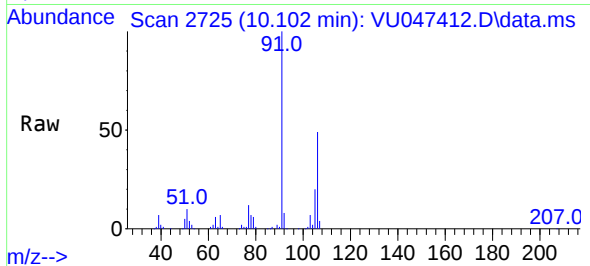
#54
o-Xylene
Concen: 2.897 ug/L
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047412.D
Acq: 09 Mar 2022 18:21

Instrument :
MSVOA_U
ClientSampleId :
GBDA7DL

Tgt Ion:106 Resp: 5698
Ion Ratio Lower Upper
106 100
91 205.4 149.2 277.0

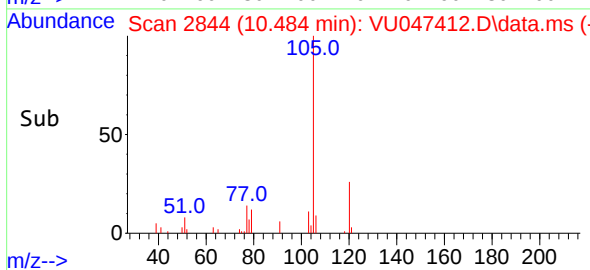
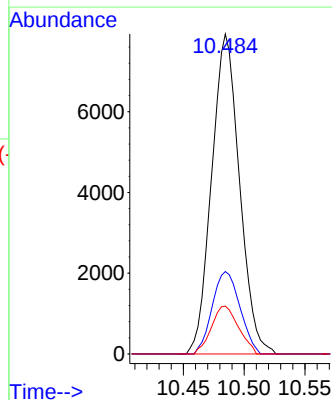
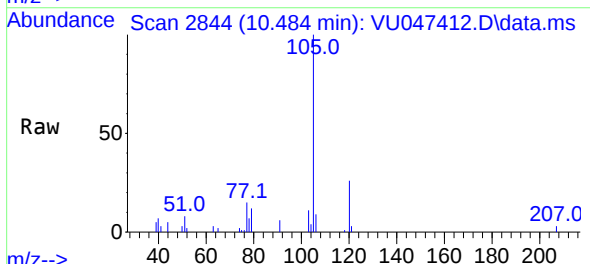
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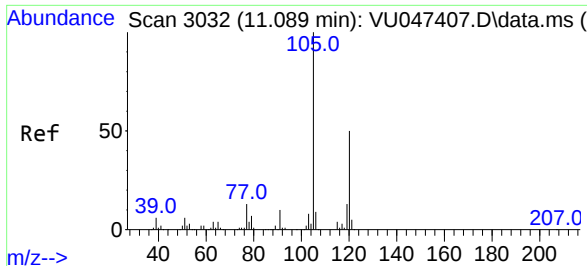
Reviewed By :John Carlone 03/10/2022
Supervised By :Mahesh Dadoda 03/11/2022



#60
Isopropylbenzene
Concen: 0.247 ug/L m
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU047412.D
Acq: 09 Mar 2022 18:21

Tgt Ion:105 Resp: 12622
Ion Ratio Lower Upper
105 100
120 111.4 21.8 32.6#
77 43.6 12.2 18.2#





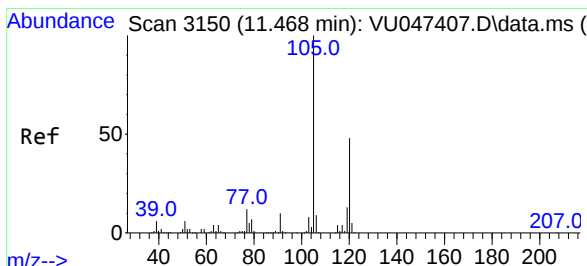
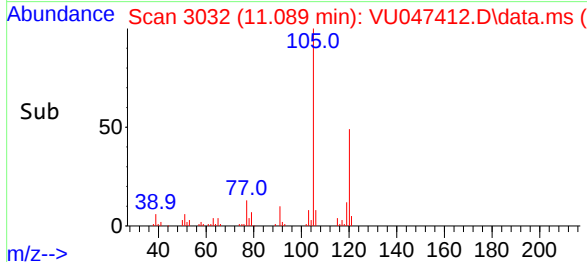
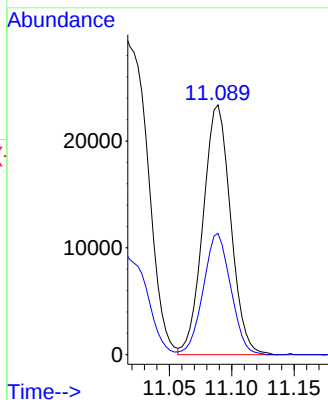
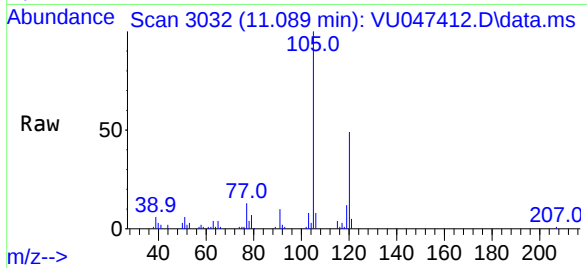
#62
1,3,5-Trimethylbenzene
Concen: 1.077 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047412.D
Acq: 09 Mar 2022 18:21

Instrument :
MSVOA_U
ClientSampleId :
GBDA7DL

Tgt Ion:105 Resp: 3604
Ion Ratio Lower Upper
105 100
120 48.3 40.1 60.1

Manual Integrations
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Supervised By :Mahesh Dadoda 03/11/2022



#63
1,2,4-Trimethylbenzene
Concen: 3.551 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047412.D
Acq: 09 Mar 2022 18:21

Tgt Ion:105 Resp: 154191
Ion Ratio Lower Upper
105 100
120 46.2 37.2 55.8

