

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122118\
 Data File : VU028873.D
 Acq On : 21 Dec 2018 14:59
 Operator : MD/SY
 Sample : J6441-11DL 20X
 Misc : 5.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF024DL

Quant Time: Dec 22 00:22:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 23:27:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	200256	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	192649	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	93418	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52876	32.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.88%
7) Chloroethane-d5	1.66	69	45346	36.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.14%
11) 1,1-Dichloroethene-d2	2.26	63	71108	26.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.68%#
21) 2-Butanone-d5	4.18	46	109385	97.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.25%
24) Chloroform-d	4.65	84	100707	39.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.78%
26) 1,2-Dichloroethane-d4	5.31	65	65625	42.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.34%
32) Benzene-d6	5.34	84	217113	39.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.78%
36) 1,2-Dichloropropane-d6	6.33	67	77186	41.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.50%
41) Toluene-d8	7.56	98	188289	38.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.36%#
43) trans-1,3-Dichloropropene-	7.85	79	32130	38.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.56%
47) 2-Hexanone-d5	8.31	63	84901	96.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	112269	43.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	79332	41.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.98%

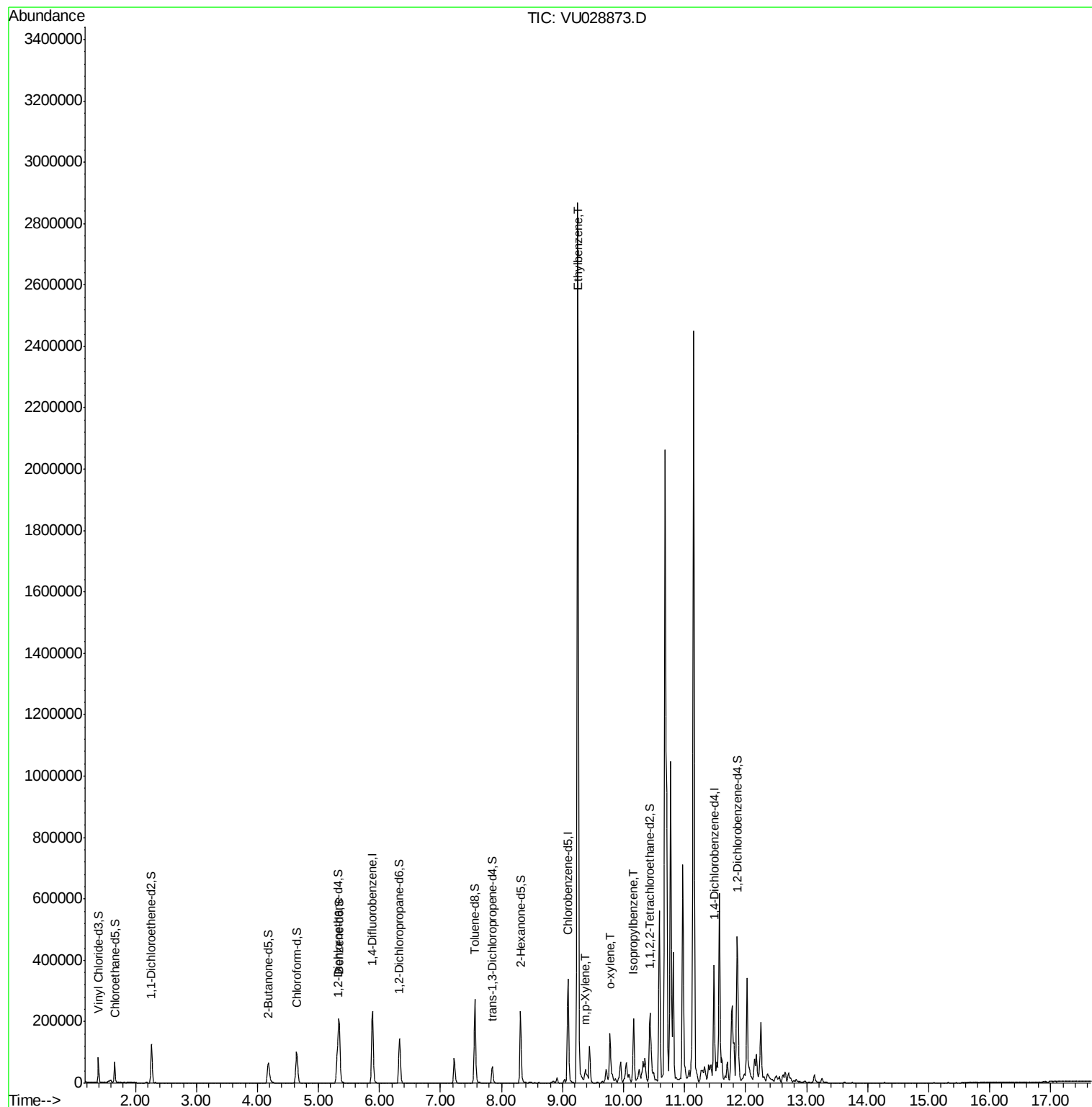
Target Compounds					Ovalue
52) Ethylbenzene	9.25	91	2060416	308.425	ug/L 98
53) m,p-Xylene	9.37	106	12196	4.937	ug/L 98
54) o-xylene	9.78	106	41912	16.928	ug/L 99
56) Isopropylbenzene	10.17	105	132544	21.103	ug/L 99

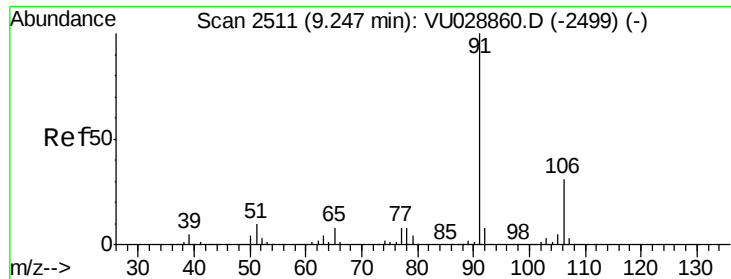
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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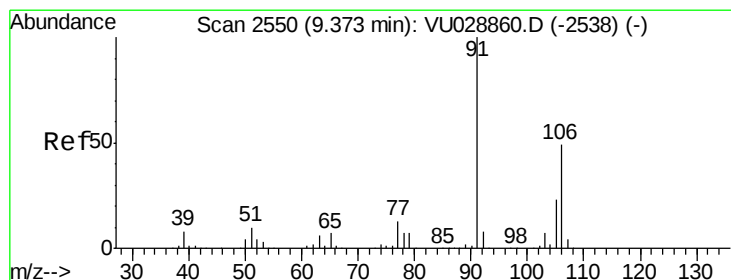
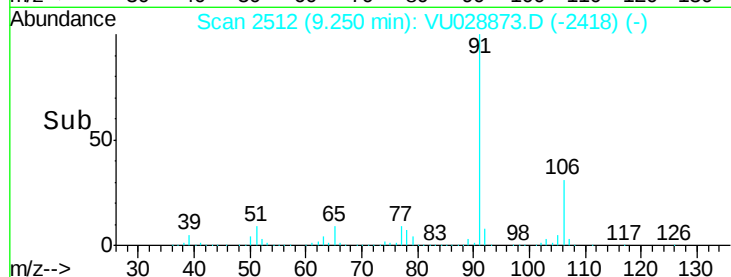
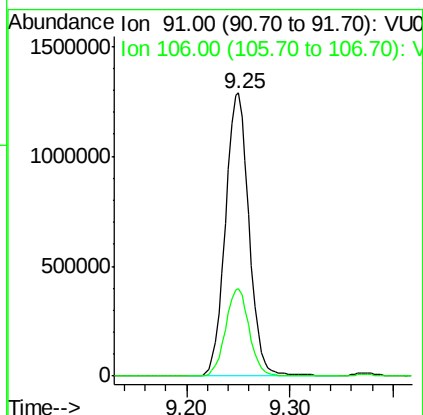
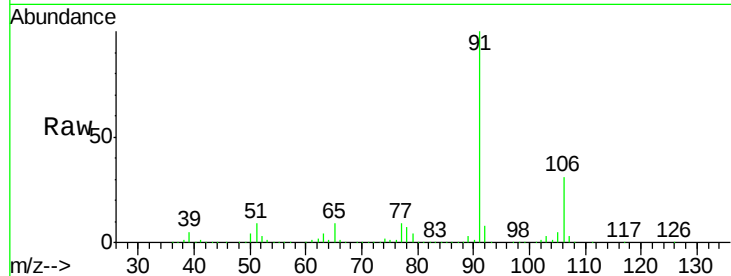




#52
Ethylbenzene
Concen: 308.425 ug/L
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028873.D
Acq: 21 Dec 2018 14:59

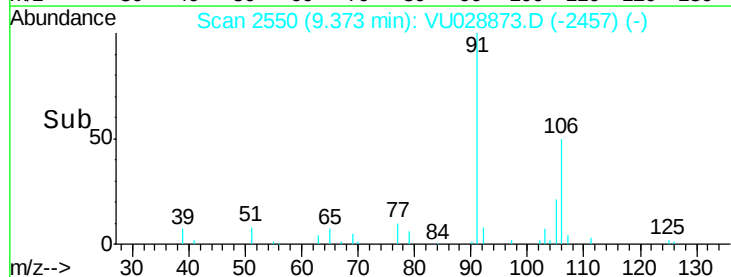
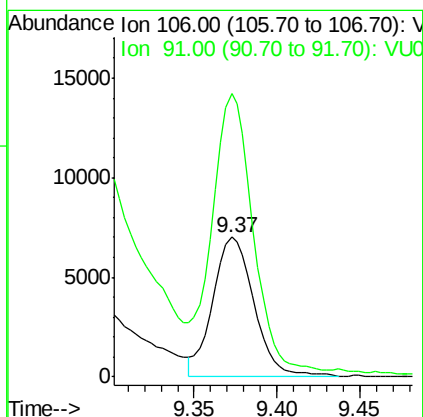
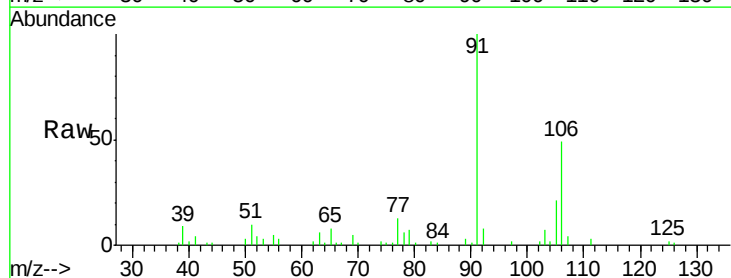
Instrument :
MSVOA_U
ClientSampled :
BF024DL

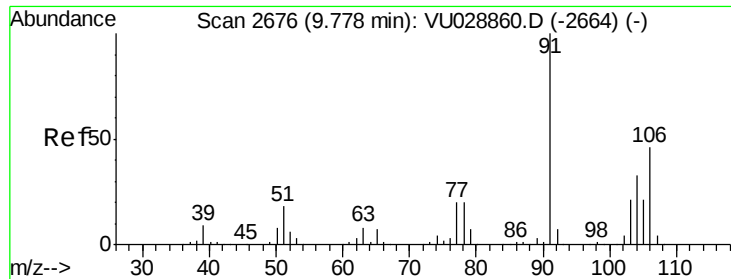
Tot Ion: 91 Resp: 2060416
Ion Ratio Lower Upper
91 100
106 30.9 20.9 38.9



#53
m,p-Xylene
Concen: 4.937 ug/L
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028873.D
Acq: 21 Dec 2018 14:59

Tgt Ion: 106 Resp: 12196
Ion Ratio Lower Upper
106 100
91 202.3 144.1 267.5





#54

o-xylene

Concen: 16.928 ug/L

RT: 9.78 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VU028873.D

Acq: 21 Dec 2018 14:59

Instrument :

MSVOA_U

ClientSampleId :

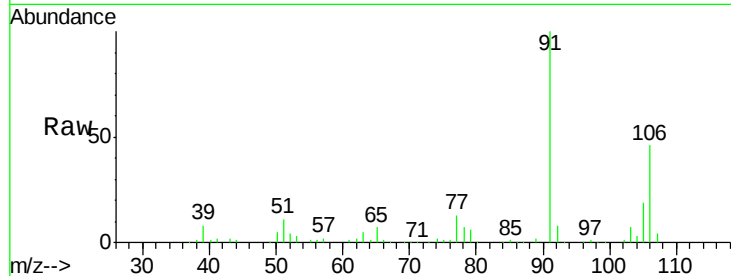
BF024DL

Tot Ion:106 Resp: 41912

Ion Ratio Lower Upper

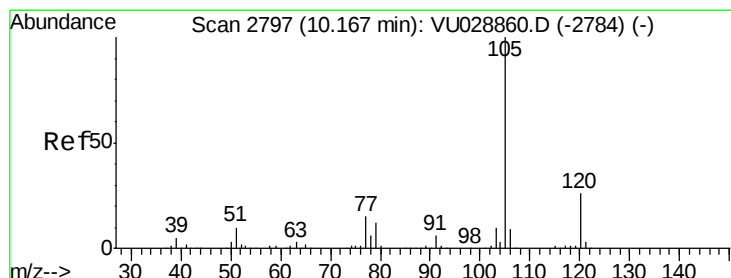
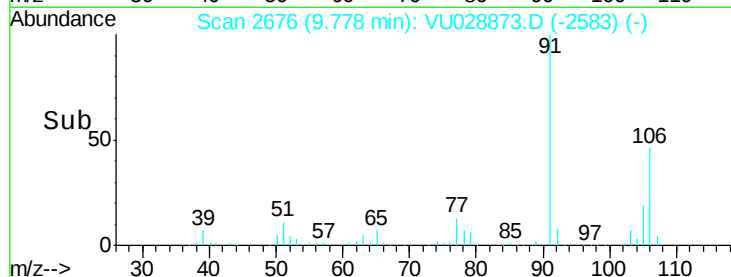
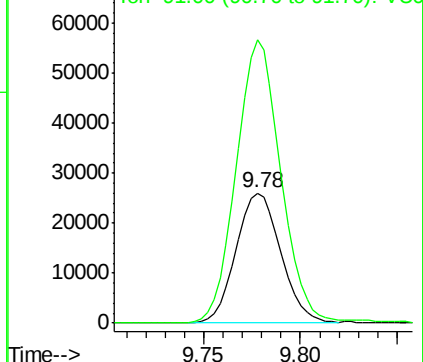
106 100

91 217.2 150.4 279.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#56

Isopropylbenzene

Concen: 21.103 ug/L

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU028873.D

Acq: 21 Dec 2018 14:59

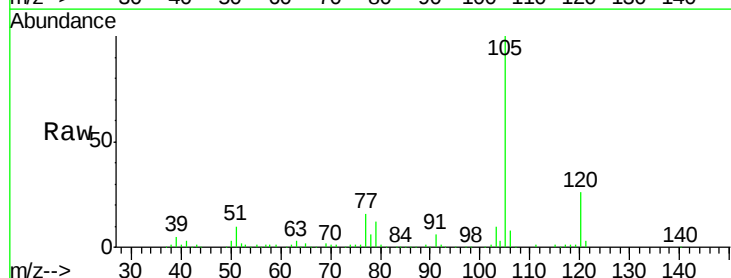
Tgt Ion:105 Resp: 132544

Ion Ratio Lower Upper

105 100

120 26.4 21.4 32.2

77 15.6 12.3 18.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU0

