

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122118\
 Data File : VU028874.D
 Acq On : 21 Dec 2018 15:23
 Operator : MD/SY
 Sample : J6468-21DL 20X
 Misc : 6.27g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JH9DL

Quant Time: Dec 22 01:21:49 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	186197	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	179108	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	79282	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53869	36.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.18%
7) Chloroethane-d5	1.66	69	44581	38.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.34%
11) 1,1-Dichloroethene-d2	2.26	63	71275	28.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.78%#
21) 2-Butanone-d5	4.18	46	110160	105.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.33%
24) Chloroform-d	4.64	84	100572	42.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.70%
26) 1,2-Dichloroethane-d4	5.31	65	64958	44.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.78%
32) Benzene-d6	5.34	84	216281	42.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.48%
36) 1,2-Dichloropropane-d6	6.33	67	77512	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.18%
41) Toluene-d8	7.56	98	189344	41.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.58%
43) trans-1,3-Dichloropropene-	7.85	79	32690	42.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.88%
47) 2-Hexanone-d5	8.31	63	86338	105.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.75%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110098	46.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	72456	45.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.38%

Target Compounds

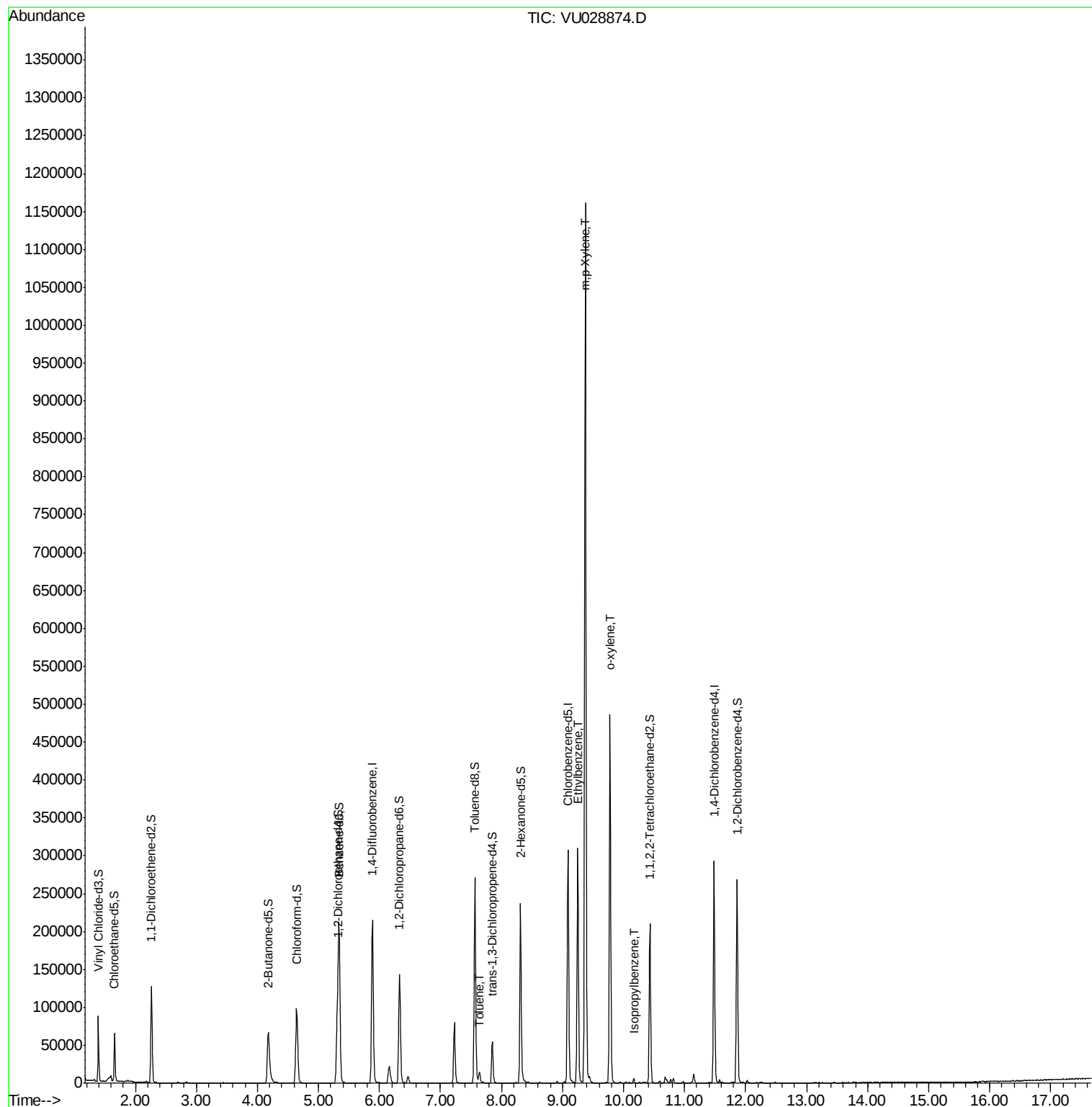
					Ovalue
42) Toluene	7.64	91	10795	1.868	ug/L 95
52) Ethylbenzene	9.25	91	225143	36.250	ug/L 97
53) m,p-Xylene	9.37	106	337005	146.734	ug/L 98
54) o-xylene	9.78	106	132020	57.353	ug/L 99
56) Isopropylbenzene	10.17	105	4633	0.793	ug/L 97

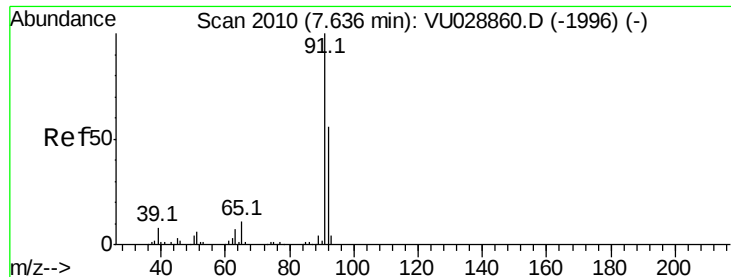
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#42

Toluene

Concen: 1.868 ug/L

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

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Acq: 21 Dec 2018 15:23

Instrument :

MSVOA_U

ClientSampleId :

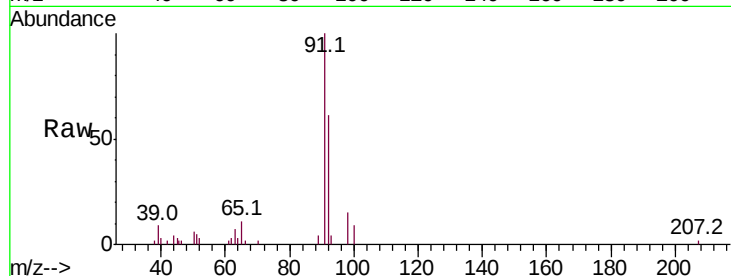
C0JH9DL

Tot Ion: 91 Resp: 10795

Ion Ratio Lower Upper

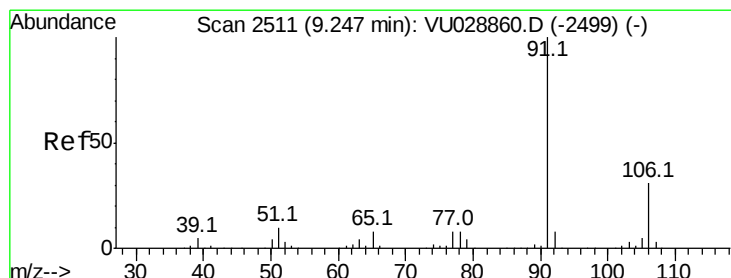
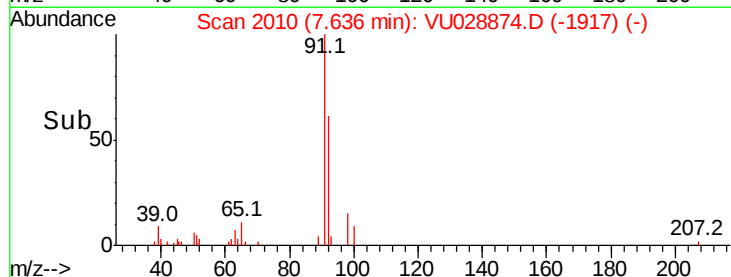
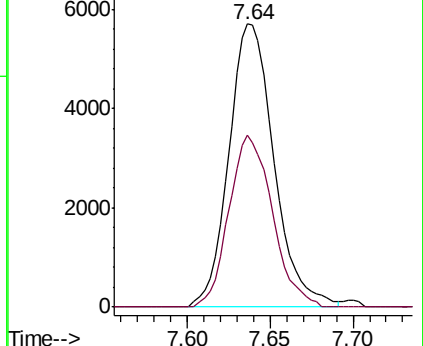
91 100

92 60.6 39.9 74.1



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



#52

Ethylbenzene

Concen: 36.250 ug/L

RT: 9.25 min Scan# 2511

Delta R.T. -0.00 min

Lab File: VU028874.D

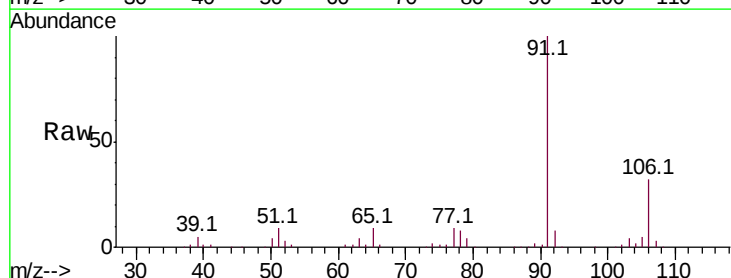
Acq: 21 Dec 2018 15:23

Tgt Ion: 91 Resp: 225143

Ion Ratio Lower Upper

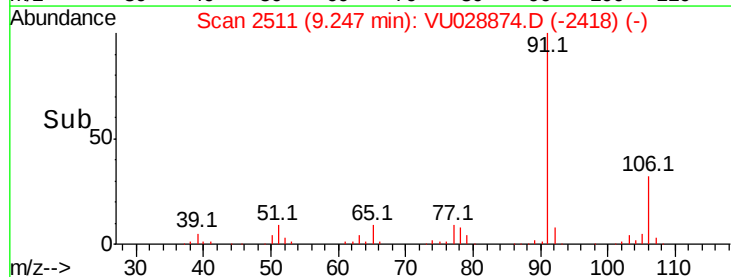
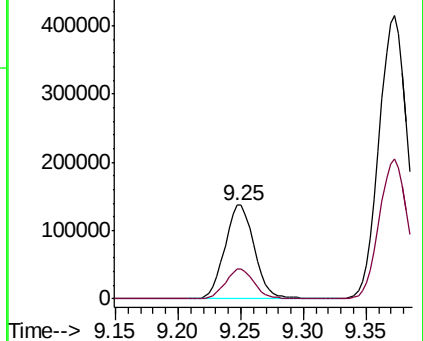
91 100

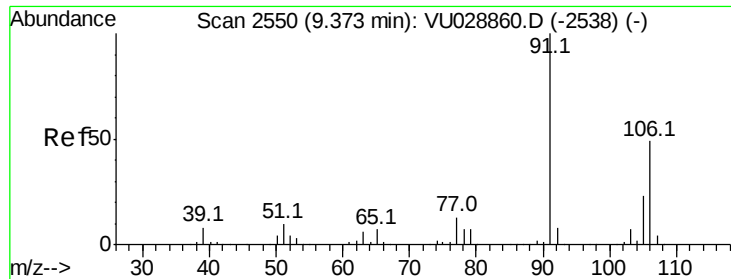
106 31.6 20.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





#53

m,p-Xylene

Concen: 146.734 ug/L

RT: 9.37 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU028874.D

Acq: 21 Dec 2018 15:23

Instrument :

MSVOA_U

ClientSampleId :

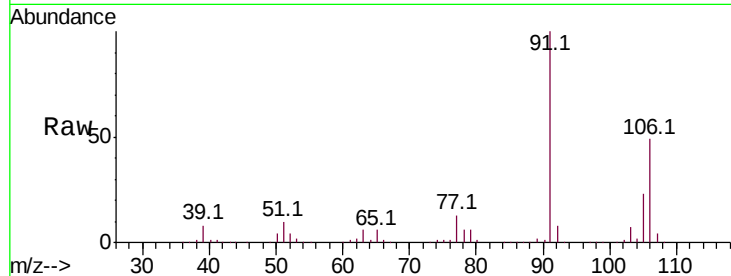
C0JH9DL

Tot Ion:106 Resp: 337005

Ion Ratio Lower Upper

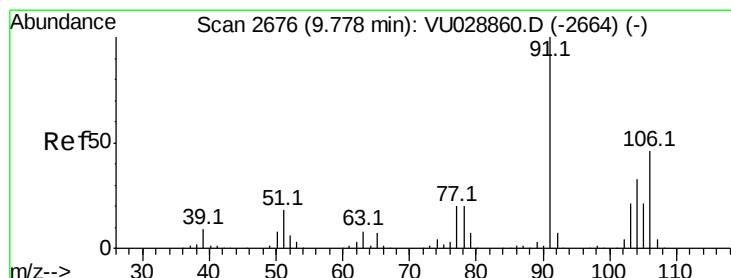
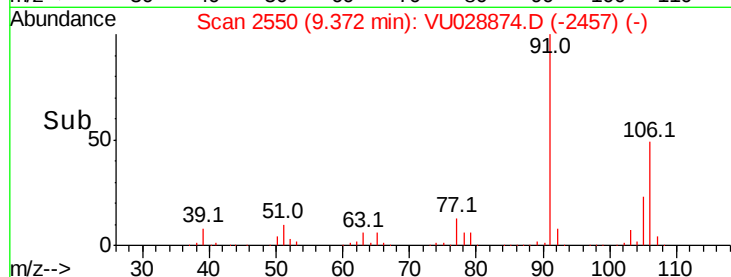
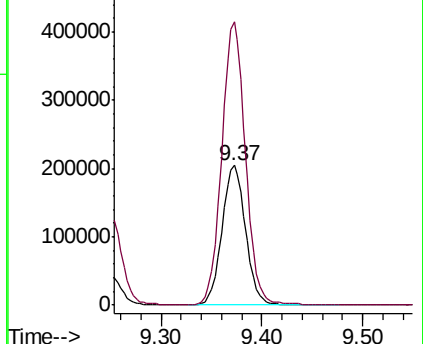
106 100

91 202.7 144.1 267.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 57.353 ug/L

RT: 9.78 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VU028874.D

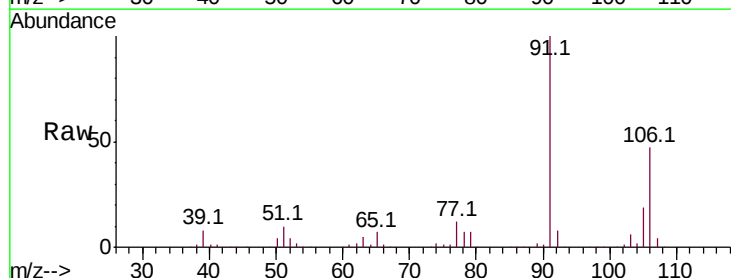
Acq: 21 Dec 2018 15:23

Tgt Ion:106 Resp: 132020

Ion Ratio Lower Upper

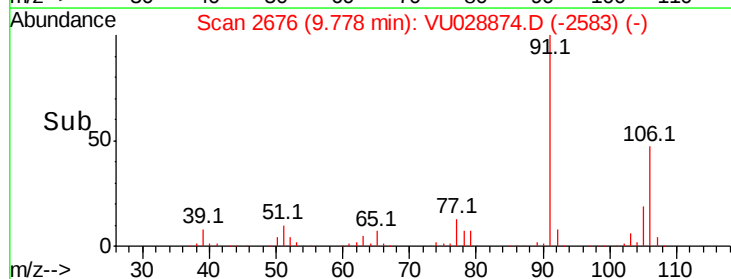
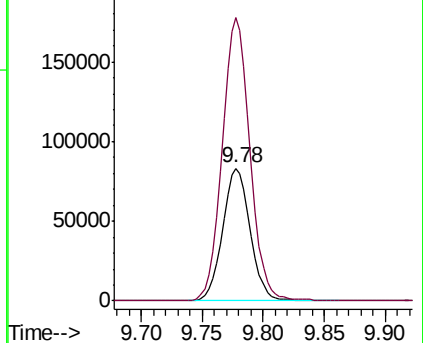
106 100

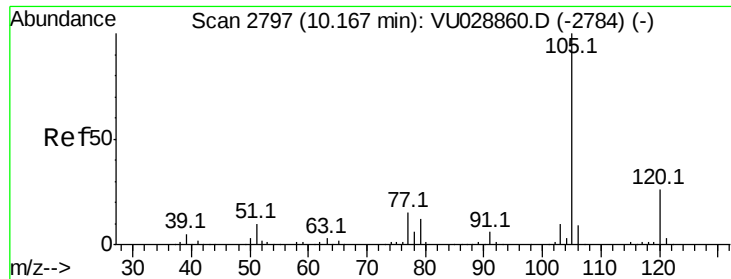
91 213.1 150.4 279.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#56

Isopropylbenzene

Concen: 0.793 ug/L

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU028874.D

Acq: 21 Dec 2018 15:23

Instrument :

MSVOA_U

ClientSampleId :

C0JH9DL

Tot Ion:105 Resp: 4633

Ion Ratio Lower Upper

105 100

120 24.5 21.4 32.2

77 14.7 12.3 18.5

