

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032720\
 Data File : VU037404.D
 Acq On : 28 Mar 2020 05:44
 Operator : JC/MD
 Sample : L2005-05 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DE7

Quant Time: Mar 28 07:59:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 06:44:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	229787	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	217509	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	108014	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	71729	48.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.32%
7) Chloroethane-d5	1.93	69	59357	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.56%
11) 1,1-Dichloroethene-d2	2.59	63	113568	35.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.90%
21) 2-Butanone-d5	4.67	46	136731	103.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.21%
24) Chloroform-d	5.10	84	145914	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
26) 1,2-Dichloroethane-d4	5.74	65	102123	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.68%
32) Benzene-d6	5.76	84	296615	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.14%
36) 1,2-Dichloropropane-d6	6.72	67	98377	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.64%
41) Toluene-d8	7.92	98	280855	49.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.78%
43) trans-1,3-Dichloropropene-	8.20	79	53322	47.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.50%
47) 2-Hexanone-d5	8.66	63	104120	93.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.66%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	140569	48.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.02%
64) 1,2-Dichlorobenzene-d4	12.21	152	107419	49.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.08%

Target Compounds

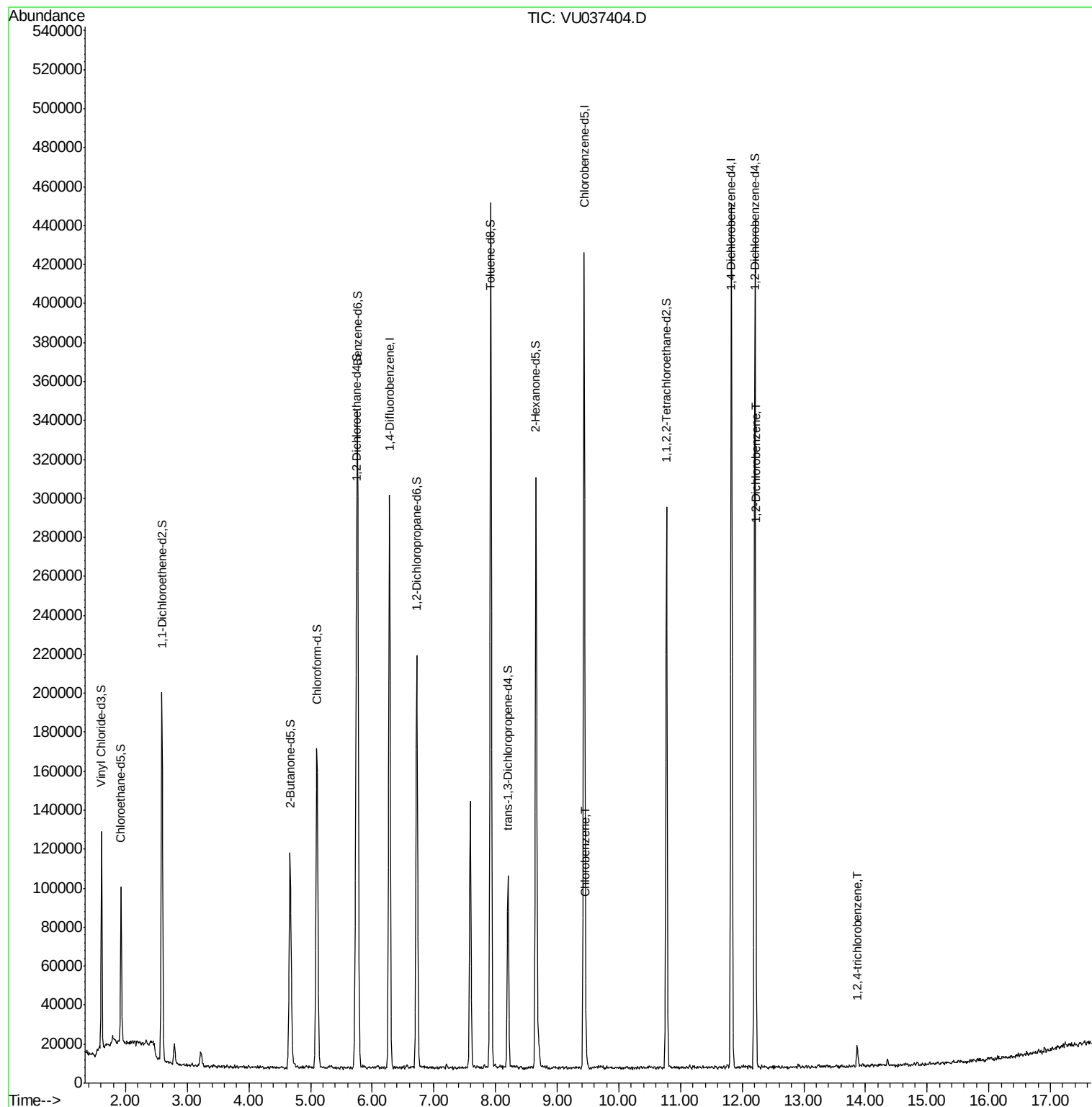
					Ovalue
51) Chlorobenzene	9.47	112	7652	1.445 ug/L	93
65) 1,2-Dichlorobenzene	12.23	146	5853	1.407 ug/L	94
68) 1,2,4-trichlorobenzene	13.87	180	3328	1.036 ug/L	91

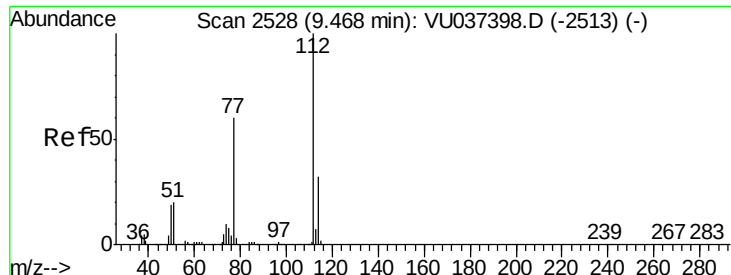
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#51

Chlorobenzene

Concen: 1.445 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

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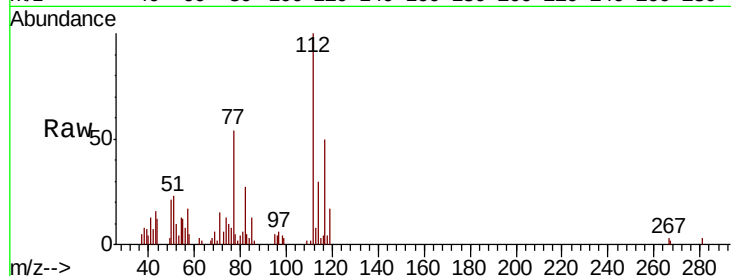
Tot Ion:112 Resp: 7652

Ion Ratio Lower Upper

112 100

114 30.0 22.3 41.5

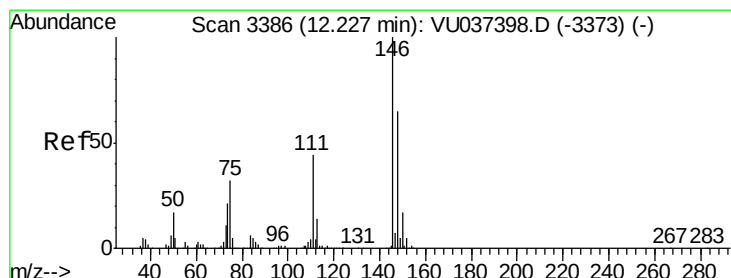
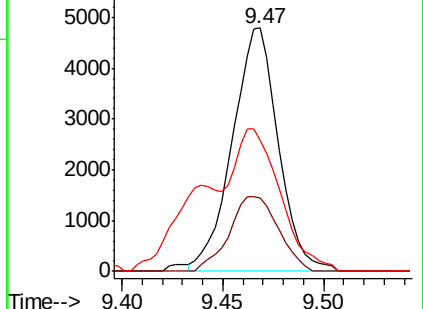
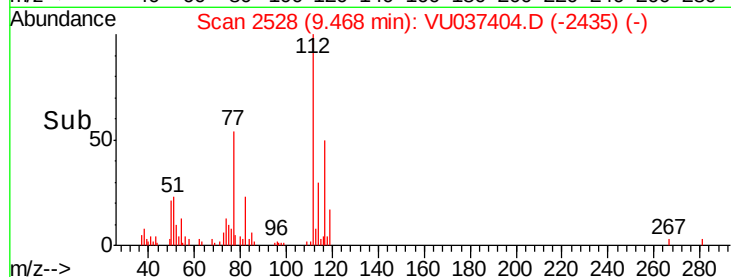
77 54.0 48.6 72.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0



#65

1,2-Dichlorobenzene

Concen: 1.407 ug/L

RT: 12.23 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU037404.D

Acq: 28 Mar 2020 05:44

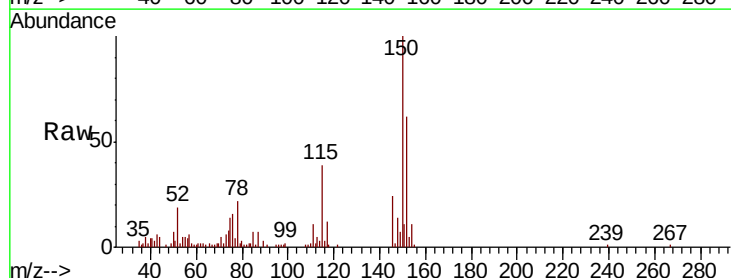
Tgt Ion:146 Resp: 5853

Ion Ratio Lower Upper

146 100

111 44.2 33.6 50.4

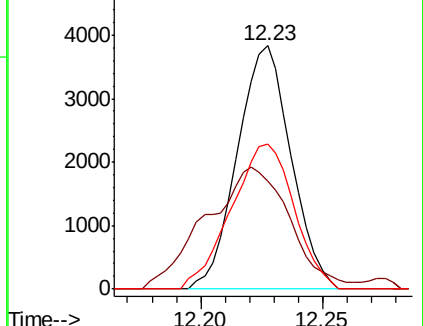
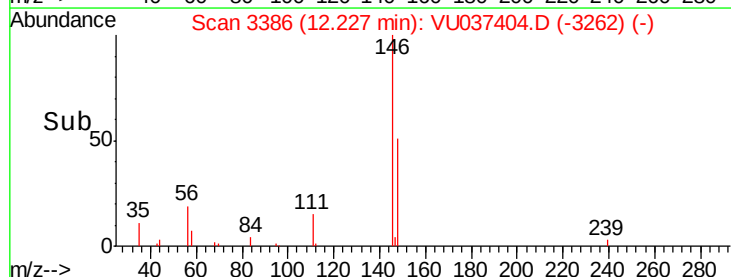
148 59.5 51.9 77.9

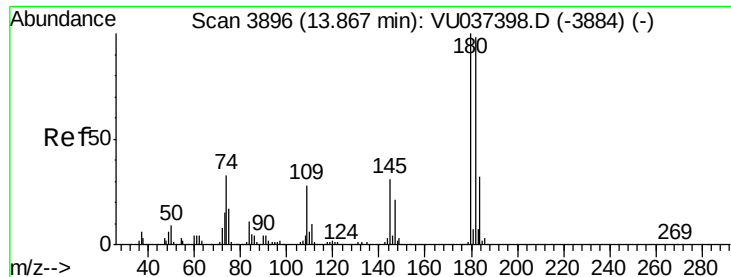


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#68

1,2,4-trichlorobenzene

Concen: 1.036 ug/L

RT: 13.87 min Scan# 3896

Delta R.T. 0.00 min

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Tot Ion:180 Resp: 3328

Ion Ratio Lower Upper

180 100

182 87.0 76.4 114.6

145 25.6 24.6 36.8

