

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081418\
 Data File : VU026123.D
 Acq On : 15 Aug 2018 00:47
 Operator : MD/SY
 Sample : J4402-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZJ0

Quant Time: Aug 16 02:11:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 16 01:50:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	250386	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	236784	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	101605	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58898	32.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.36%
7) Chloroethane-d5	1.67	69	55130	37.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.98%
11) 1,1-Dichloroethene-d2	2.27	63	93635	26.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.84%#
21) 2-Butanone-d5	4.17	46	141263	92.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.61%
24) Chloroform-d	4.65	84	162164	41.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.56%
26) 1,2-Dichloroethane-d4	5.31	65	110546	42.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.34%
32) Benzene-d6	5.35	84	294942	40.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.22%
36) 1,2-Dichloropropane-d6	6.33	67	101666	42.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.46%
41) Toluene-d8	7.57	98	259714	36.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.84%#
43) trans-1,3-Dichloropropene-	7.85	79	45795	38.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.40%
47) 2-Hexanone-d5	8.31	63	97737	90.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.45%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	155281	44.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	109184	43.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.18%

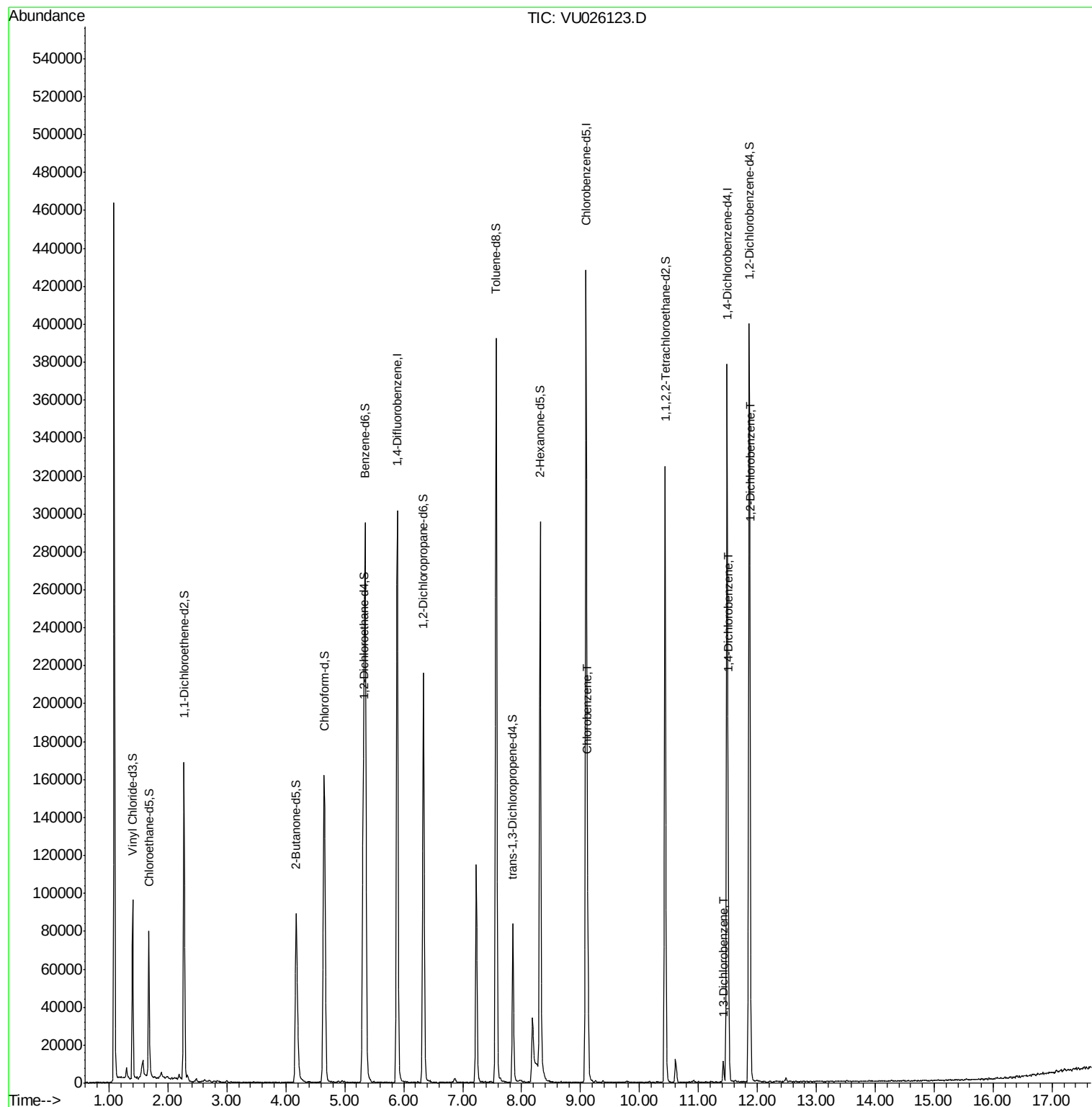
Target Compounds					Ovalue
51) Chlorobenzene	9.12	112	42829	8.87 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	5165	1.63 ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	14552	4.39 ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	7433	2.21 ug/L	95

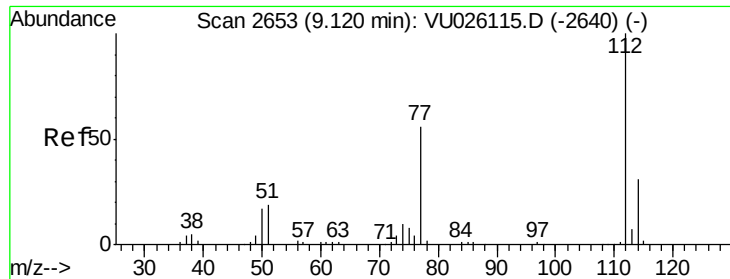
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#51

Chlorobenzene

Concen: 8.87 ug/L

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

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A4ZJ0

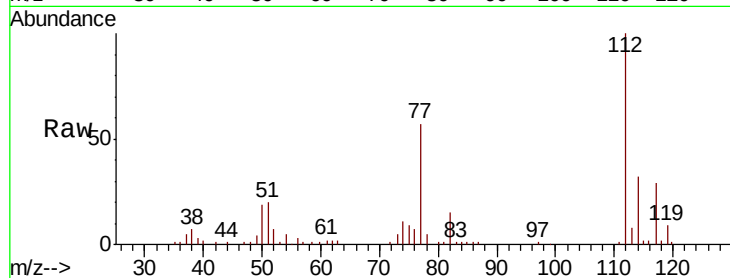
Tot Ion:112 Resp: 42829

Ion Ratio Lower Upper

112 100

114 32.2 22.7 42.3

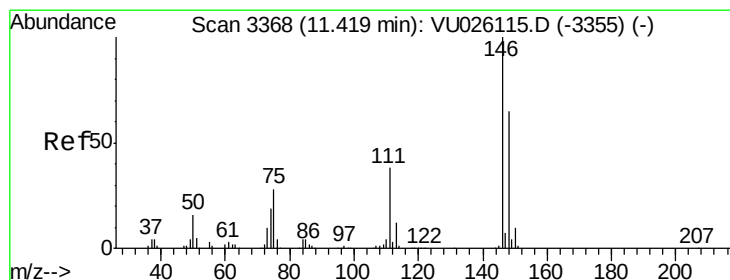
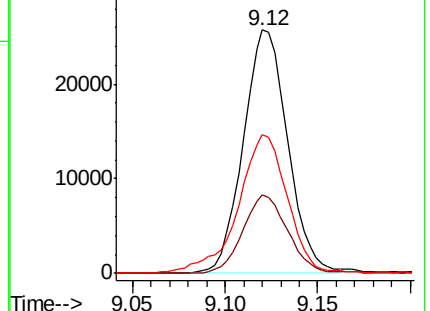
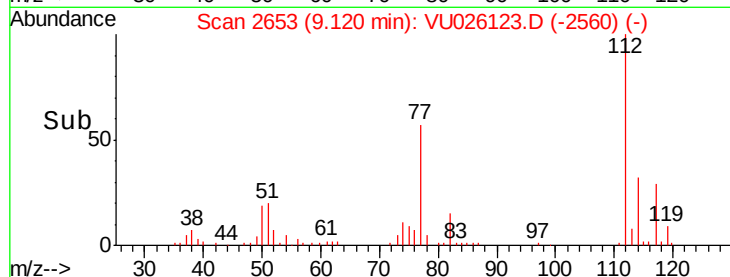
77 57.0 45.2 67.8



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



#62

1,3-Dichlorobenzene

Concen: 1.63 ug/L

RT: 11.42 min Scan# 3369

Delta R.T. 0.00 min

Lab File: VU026123.D

Acq: 15 Aug 2018 00:47

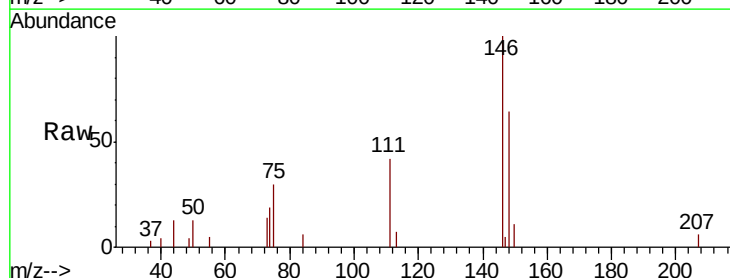
Tgt Ion:146 Resp: 5165

Ion Ratio Lower Upper

146 100

111 42.0 27.9 51.9

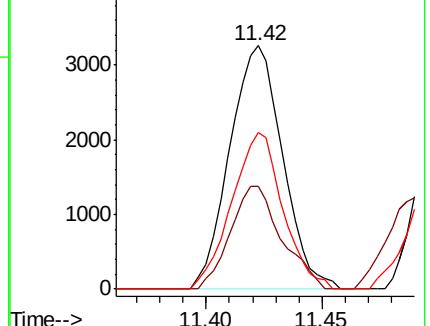
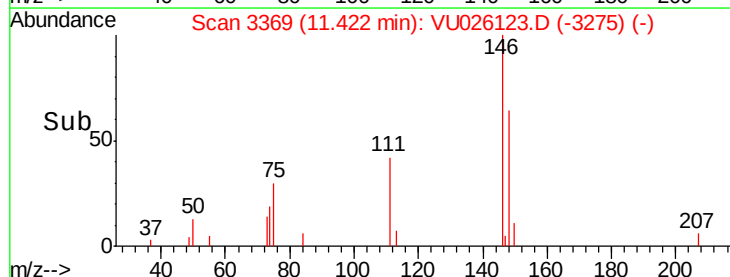
148 64.3 46.0 85.4

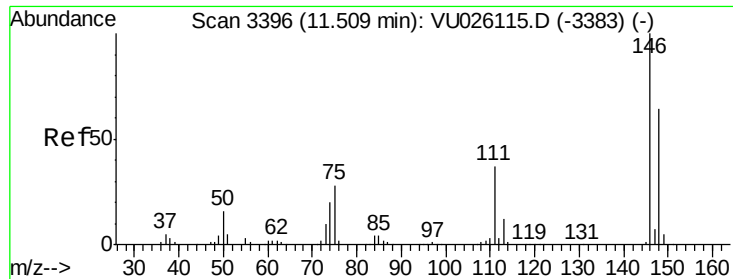


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 4.39 ug/L

RT: 11.51 min Scan# 3396

Delta R.T. -0.00 min

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ClientSampleId :

A4ZJ0

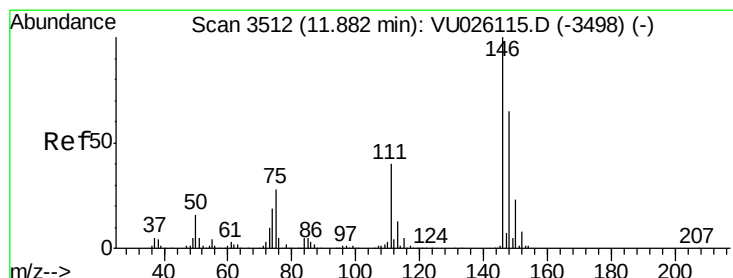
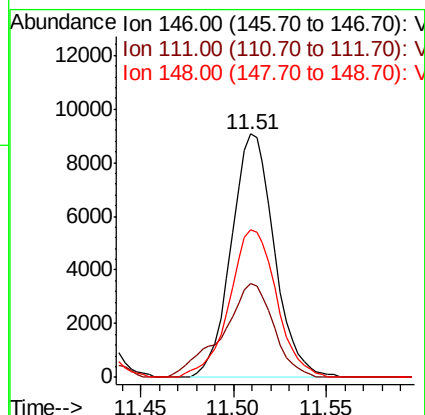
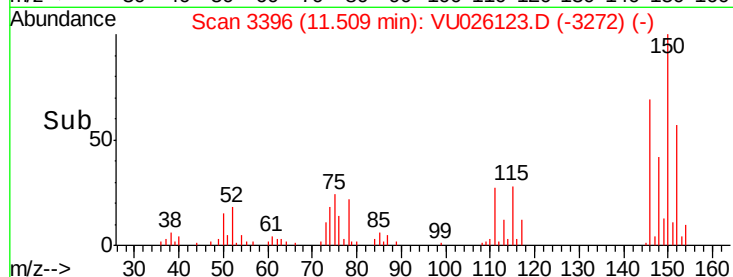
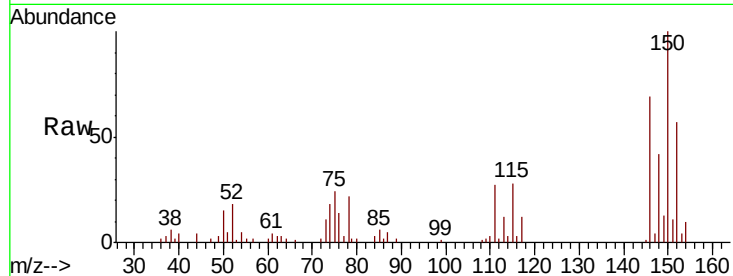
Tot Ion:146 Resp: 14552

Ion Ratio Lower Upper

146 100

111 38.7 26.4 49.0

148 60.5 43.8 81.4



#65

1,2-Dichlorobenzene

Concen: 2.21 ug/L

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU026123.D

Acq: 15 Aug 2018 00:47

Tgt Ion:146 Resp: 7433

Ion Ratio Lower Upper

146 100

111 39.6 32.4 48.6

148 68.4 50.1 75.1

