

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092118\
 Data File : VU026960.D
 Acq On : 21 Sep 2018 01:59
 Operator : MD/SY
 Sample : J5012-17 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08Q6

Quant Time: Sep 21 06:59:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 21 04:24:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	209910	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	188319	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	67262	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	86794	55.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.80%
7) Chloroethane-d5	1.67	69	76877	57.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.68%
11) 1,1-Dichloroethene-d2	2.27	63	122487	41.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.38%
21) 2-Butanone-d5	4.18	46	134943	130.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	130.96%#
24) Chloroform-d	4.65	84	156633	54.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.76%
26) 1,2-Dichloroethane-d4	5.31	65	101400	55.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.82%
32) Benzene-d6	5.34	84	314455	59.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.16%
36) 1,2-Dichloropropane-d6	6.33	67	103531	60.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	121.76%#
41) Toluene-d8	7.57	98	255928	53.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.36%
43) trans-1,3-Dichloropropene-	7.85	79	41664	54.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.76%
47) 2-Hexanone-d5	8.31	63	94885	141.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	141.97%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	144861	61.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	122.20%#
64) 1,2-Dichlorobenzene-d4	11.86	152	99848	71.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	142.72%#

Target Compounds

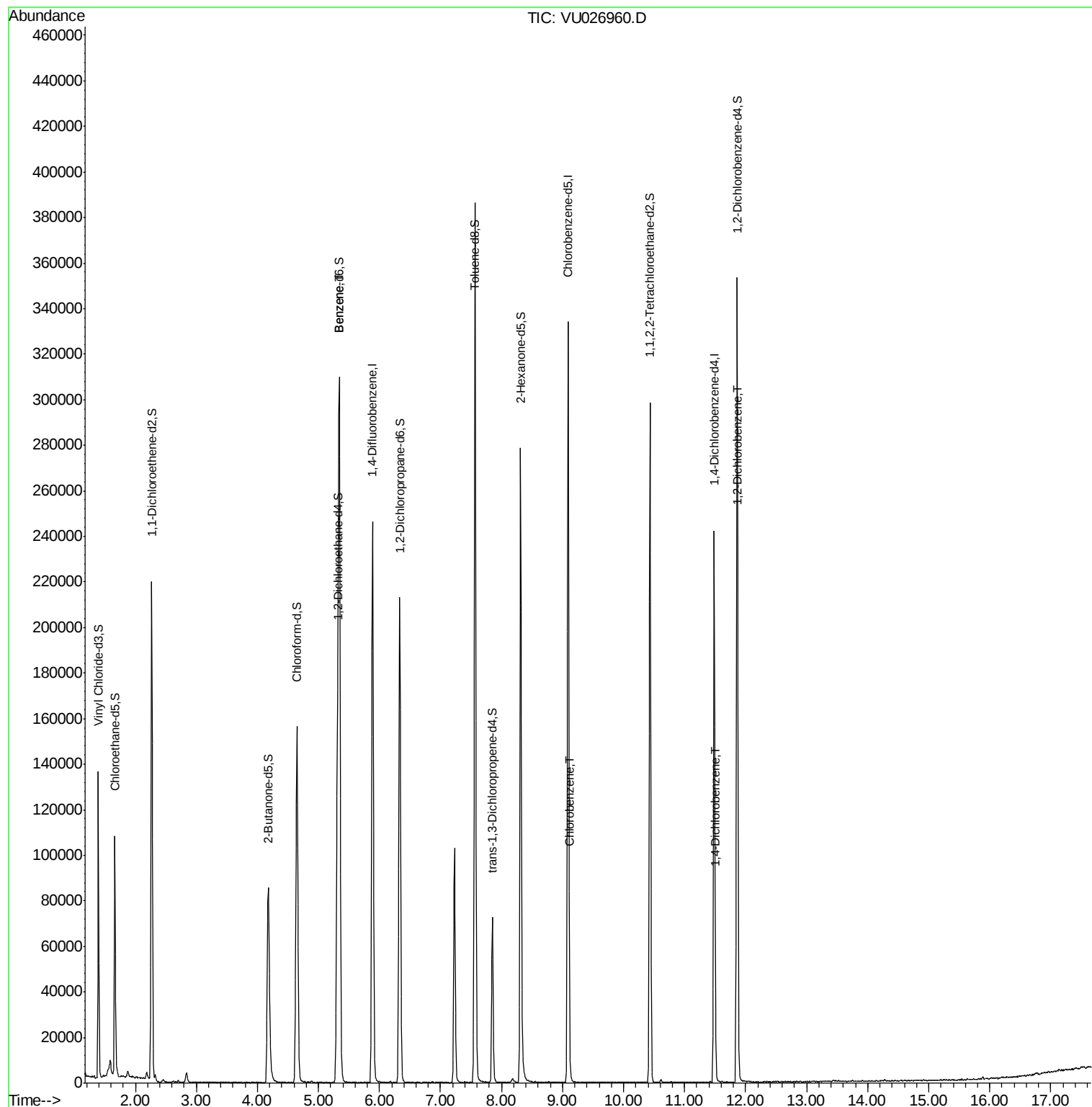
					Ovalue
33) Benzene	5.34	78	2497	0.428 ug/L	100
51) Chlorobenzene	9.12	112	2248	0.561 ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	2065	0.915 ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	1844	0.812 ug/L #	88

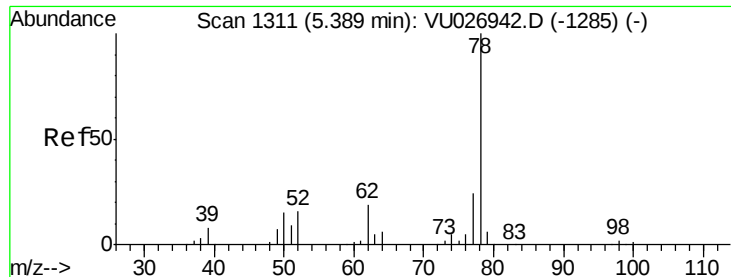
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 0.428 ug/L

RT: 5.34 min Scan# 1296

Delta R.T. -0.05 min

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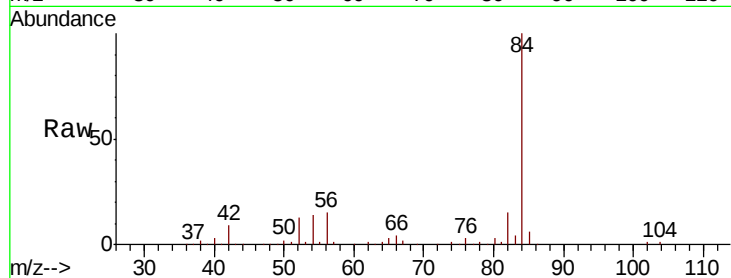
Instrument :

MSVOA_U

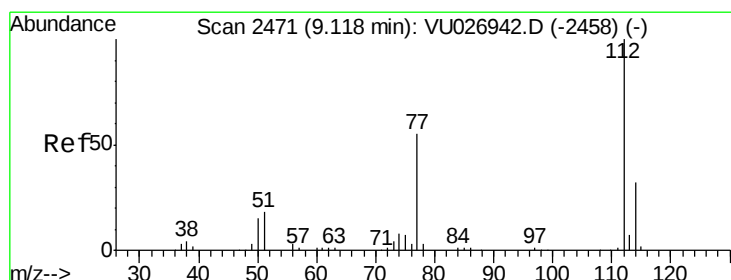
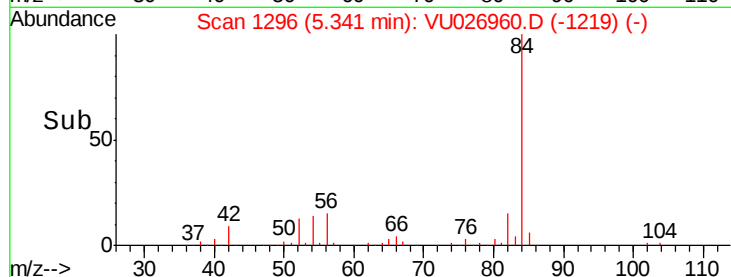
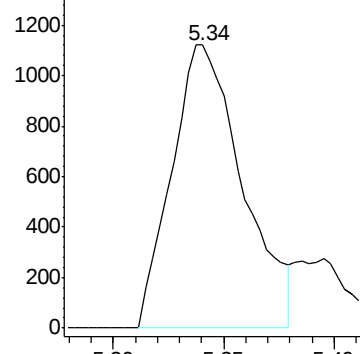
ClientSampled :

C08Q6

Tgt Ion: 78 Resp: 2497



Abundance Ion 78.00 (77.70 to 78.70): VU0



#51

Chlorobenzene

Concen: 0.561 ug/L

RT: 9.12 min Scan# 2471

Delta R.T. 0.00 min

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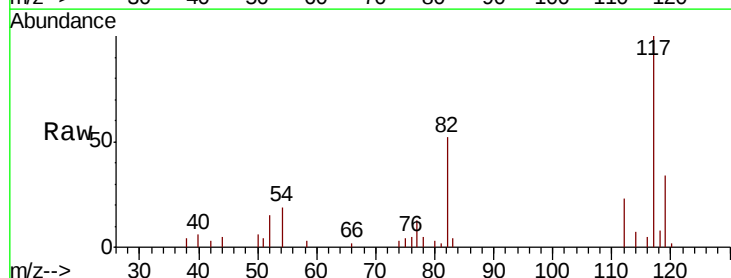
Tgt Ion: 112 Resp: 2248

Ion Ratio Lower Upper

112 100

114 28.3 22.3 41.5

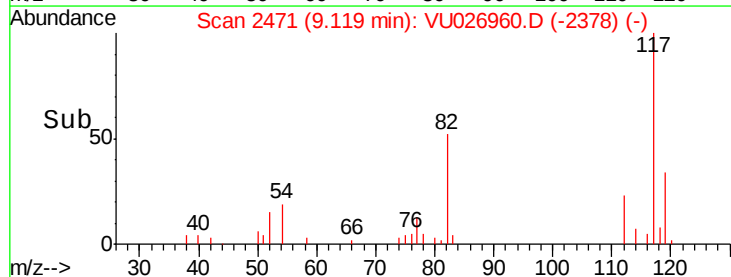
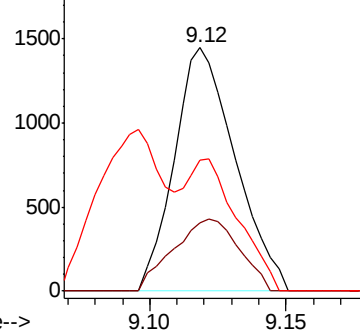
77 53.9 45.1 67.7

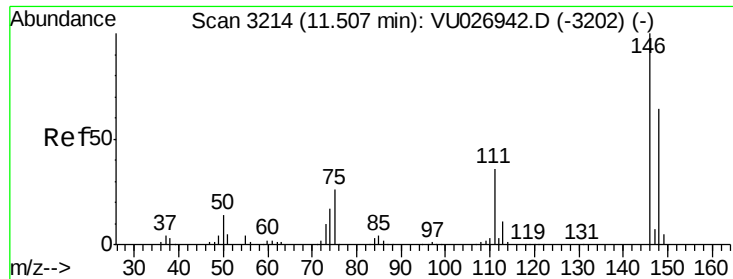


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0





#63

1,4-Dichlorobenzene

Concen: 0.915 ug/L

RT: 11.51 min Scan# 3215

Delta R.T. 0.00 min

Lab File: VU026960.D

Acq: 21 Sep 2018 01:59

Instrument :

MSVOA_U

ClientSampleId :

C08Q6

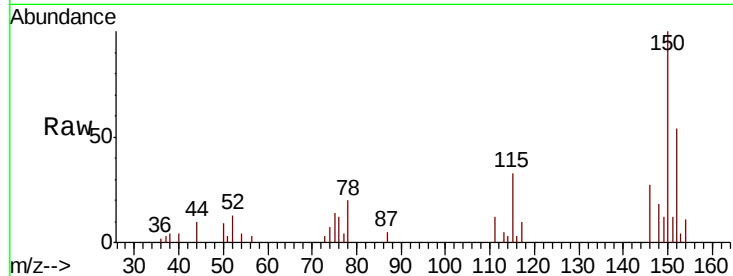
Tot Ion:146 Resp: 2065

Ion Ratio Lower Upper

146 100

111 42.7 26.0 48.2

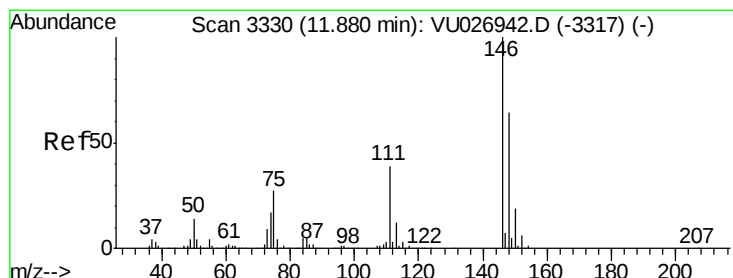
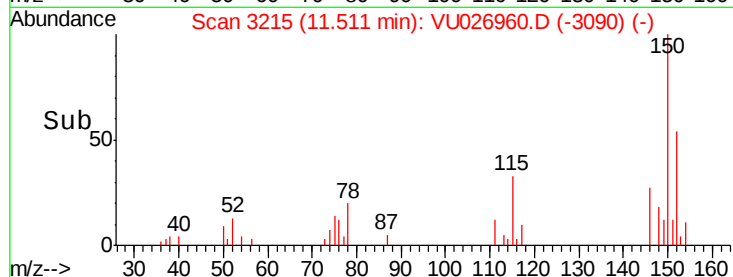
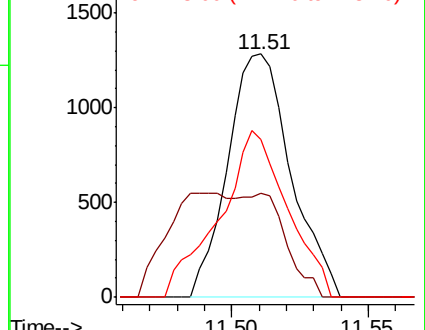
148 65.0 45.8 85.2



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



#65

1,2-Dichlorobenzene

Concen: 0.812 ug/L

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU026960.D

Acq: 21 Sep 2018 01:59

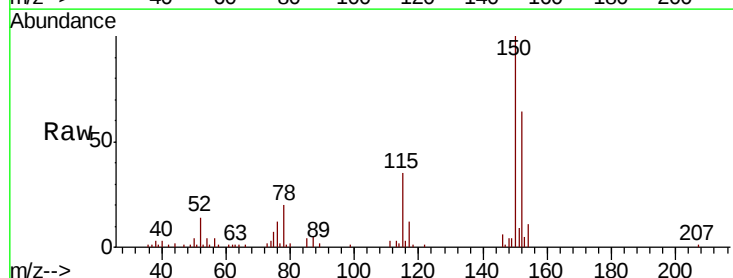
Tgt Ion:146 Resp: 1844

Ion Ratio Lower Upper

146 100

111 56.9 31.4 47.0#

148 62.7 51.4 77.2



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

