

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092118\
 Data File : VU026956.D
 Acq On : 21 Sep 2018 00:23
 Operator : MD/SY
 Sample : J5012-13 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08Q2

Quant Time: Sep 21 06:54:51 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	199184	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	178090	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	66302	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82071	55.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.40%
7) Chloroethane-d5	1.67	69	74567	59.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.26%
11) 1,1-Dichloroethene-d2	2.27	63	111133	39.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.72%
21) 2-Butanone-d5	4.18	46	136602	139.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	139.70%#
24) Chloroform-d	4.65	84	153592	56.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.40%
26) 1,2-Dichloroethane-d4	5.31	65	100245	58.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.50%
32) Benzene-d6	5.34	84	302662	60.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.28%
36) 1,2-Dichloropropane-d6	6.33	67	101728	63.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	126.52%#
41) Toluene-d8	7.57	98	243525	54.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.02%
43) trans-1,3-Dichloropropene-	7.85	79	40766	56.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.56%
47) 2-Hexanone-d5	8.31	63	94799	149.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	149.99%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	142427	63.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	127.04%#
64) 1,2-Dichlorobenzene-d4	11.86	152	94778	68.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	137.44%#

Target Compounds

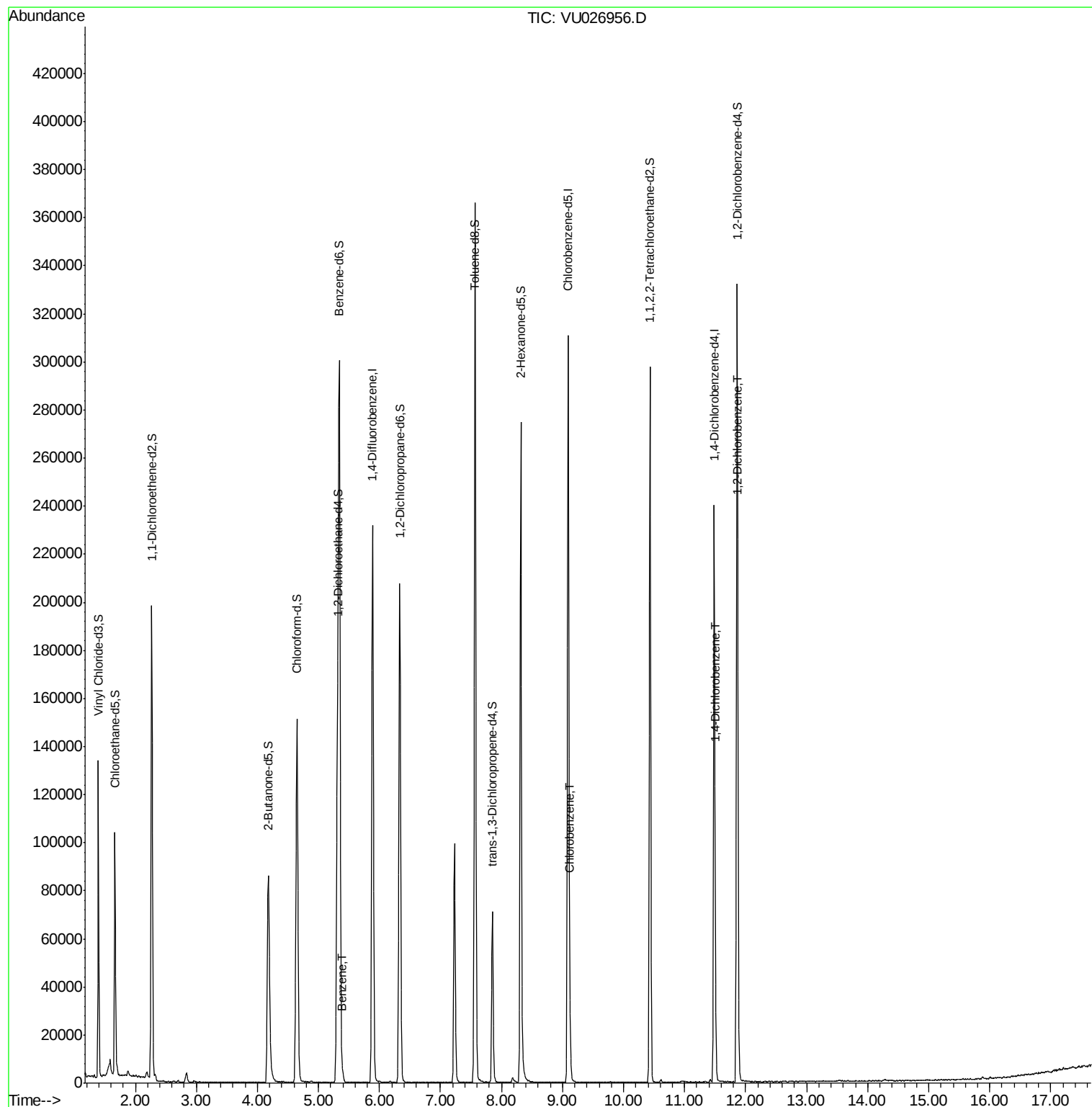
					Ovalue
33) Benzene	5.39	78	3556	0.644 ug/L	100
51) Chlorobenzene	9.12	112	14306	3.773 ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	6382	2.868 ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	5802	2.592 ug/L	97

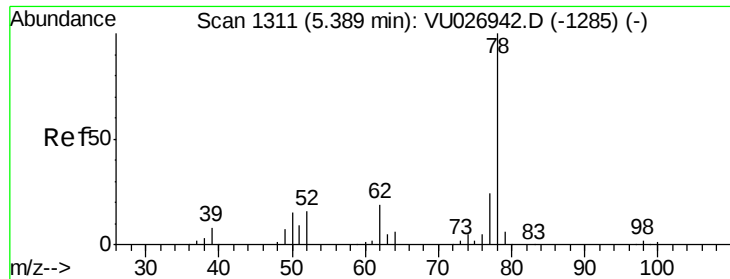
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 0.644 ug/L

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

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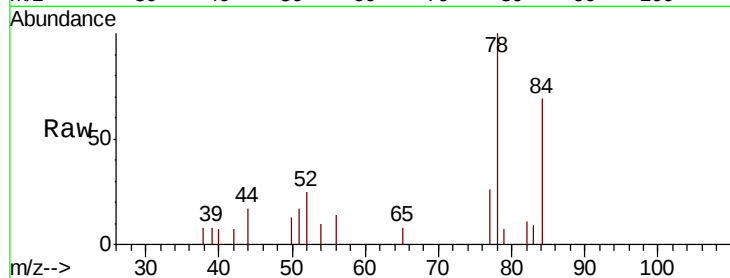
Instrument :

MSVOA_U

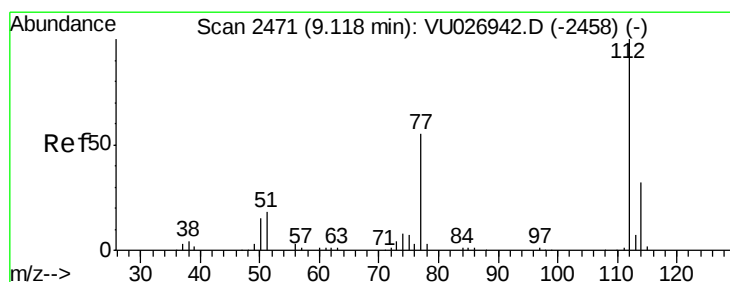
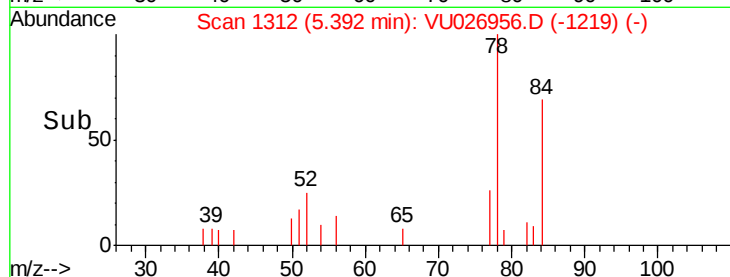
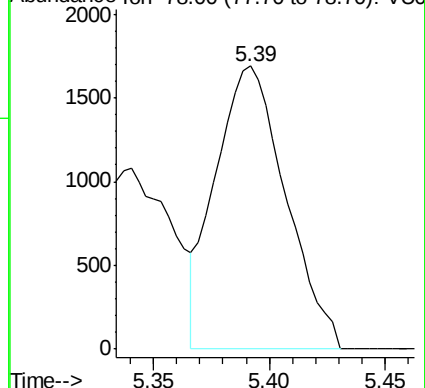
ClientSampleId :

C08Q2

Tgt Ion: 78 Resp: 3556



Abundance Ion 78.00 (77.70 to 78.70): VU0



#51

Chlorobenzene

Concen: 3.773 ug/L

RT: 9.12 min Scan# 2472

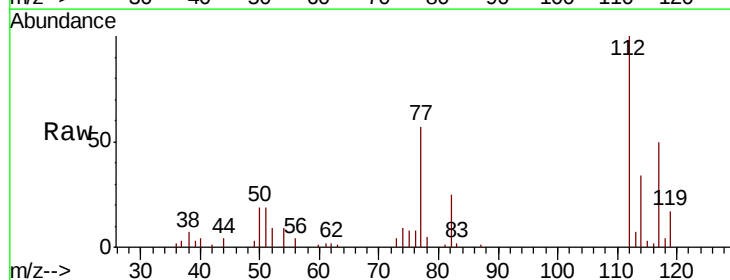
Delta R.T. 0.00 min

Lab File: VU026956.D

Acq: 21 Sep 2018 00:23

Tgt Ion: 112 Resp: 14306

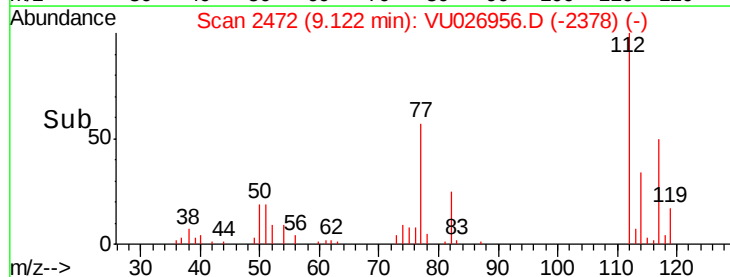
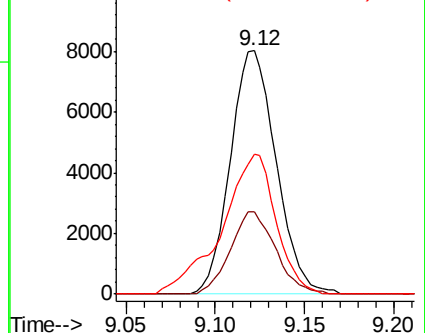
Ion	Ratio	Lower	Upper
112	100		
114	33.9	22.3	41.5
77	57.2	45.1	67.7

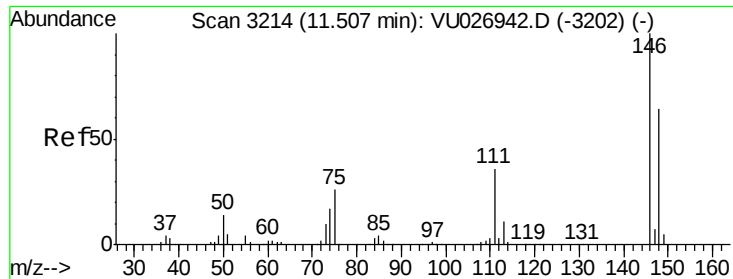


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0





#63

1,4-Dichlorobenzene

Concen: 2.868 ug/L

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

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ClientSampleId :

C08Q2

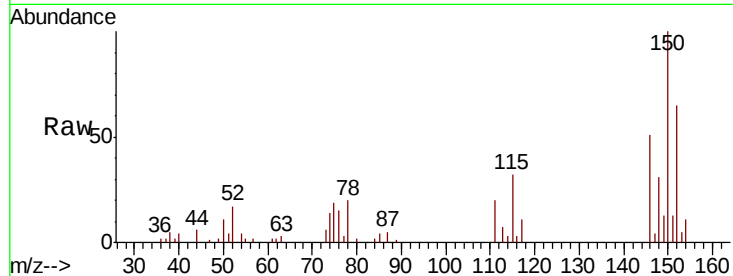
Tot Ion:146 Resp: 6382

Ion Ratio Lower Upper

146 100

111 38.7 26.0 48.2

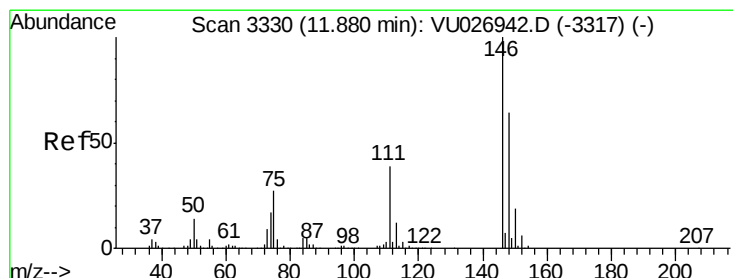
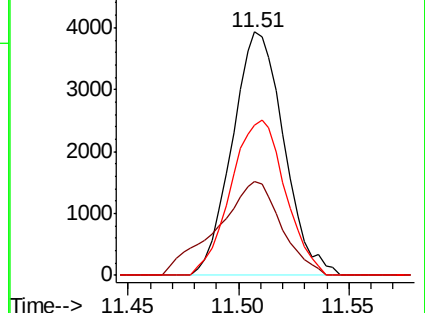
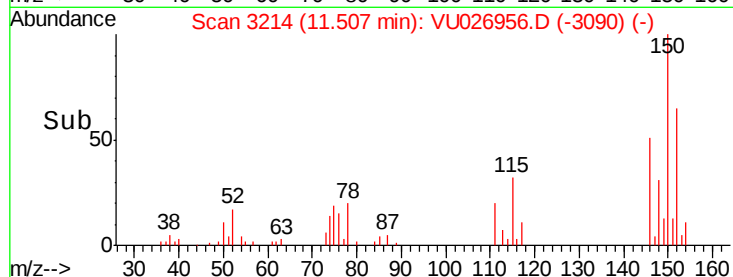
148 61.4 45.8 85.2



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: 2.592 ug/L

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU026956.D

Acq: 21 Sep 2018 00:23

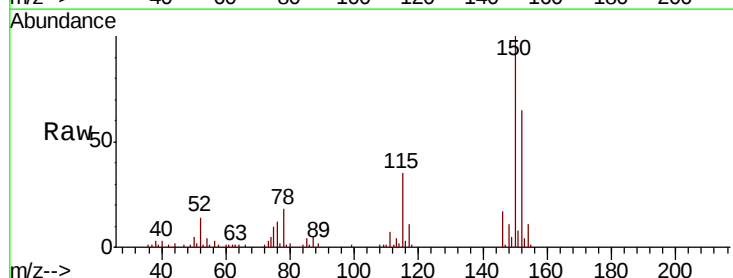
Tgt Ion:146 Resp: 5802

Ion Ratio Lower Upper

146 100

111 42.2 31.4 47.0

148 66.2 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

