

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031619\
 Data File : VU030108.D
 Acq On : 15 Mar 2019 14:03
 Operator : JC/SP
 Sample : K1917-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0963

Quant Time: Mar 16 00:44:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	530299	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	504693	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	238268	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	127449	36.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.66%
7) Chloroethane-d5	1.68	69	115037	40.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.26%
11) 1,1-Dichloroethene-d2	2.27	63	186100	29.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.78%#
21) 2-Butanone-d5	4.17	46	253457	96.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.44%
24) Chloroform-d	4.65	84	280203	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.06%
26) 1,2-Dichloroethane-d4	5.31	65	171302	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.26%
32) Benzene-d6	5.34	84	586864	45.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.34%
36) 1,2-Dichloropropane-d6	6.33	67	190391	47.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.76%
41) Toluene-d8	7.56	98	529777	43.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.10%
43) trans-1,3-Dichloropropene-	7.85	79	79721	41.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.78%
47) 2-Hexanone-d5	8.31	63	204042	91.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.71%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	290105	47.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	226517	49.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.16%

Target Compounds

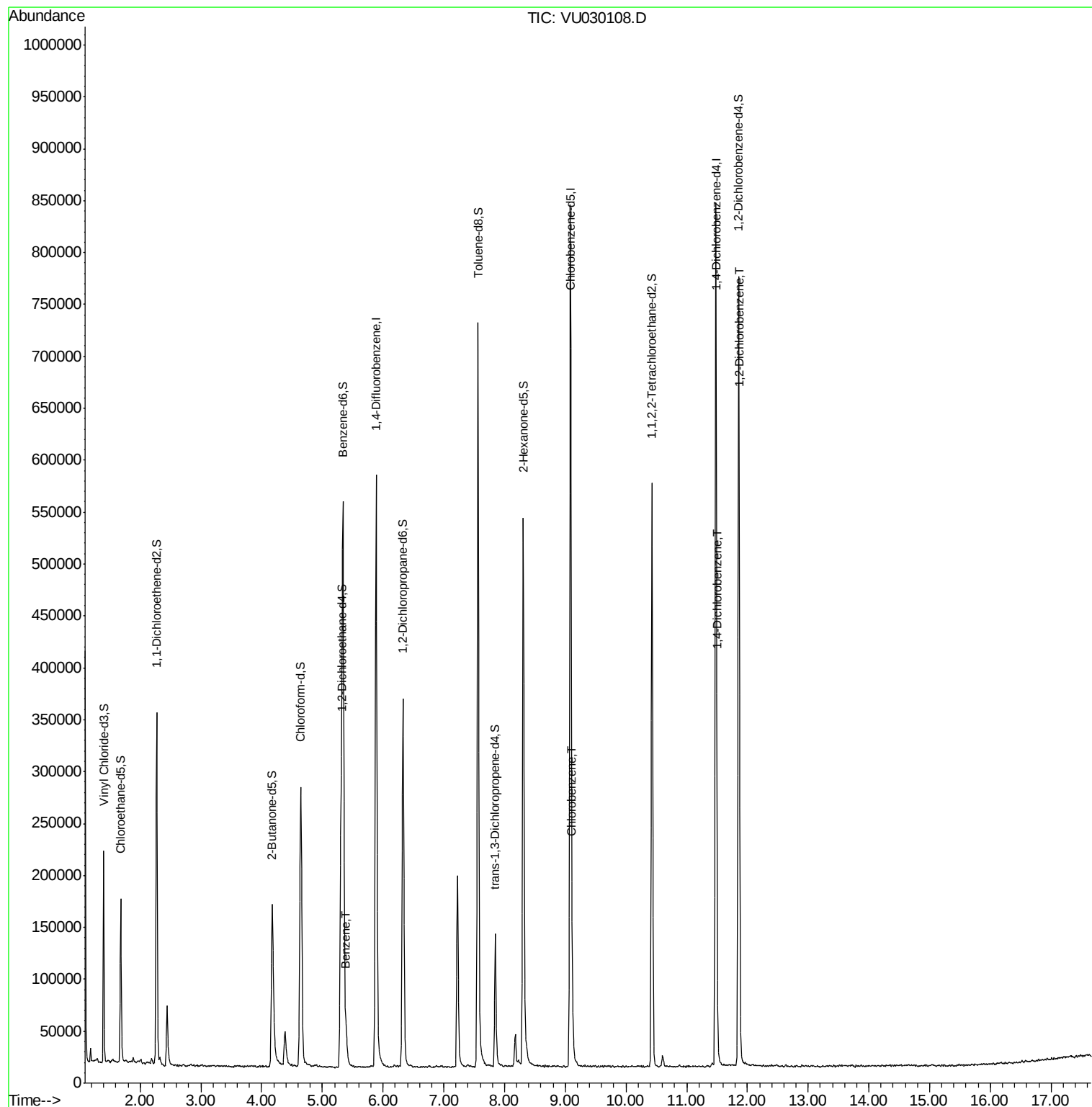
					Ovalue
33) Benzene	5.39	78	33378	2.311 ug/L	100
51) Chlorobenzene	9.12	112	30427	2.874 ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	12252	1.566 ug/L	97
65) 1,2-Dichlorobenzene	11.87	146	9012	1.164 ug/L #	88

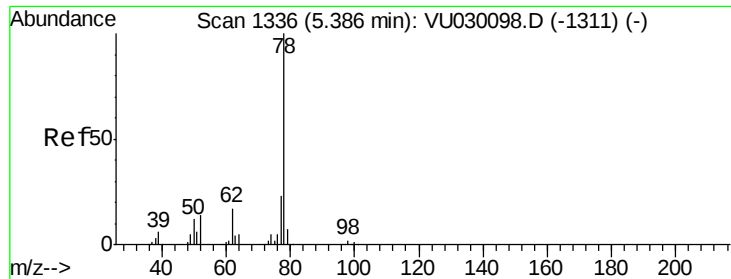
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 2.311 ug/L

RT: 5.39 min Scan# 1337

Delta R.T. 0.00 min

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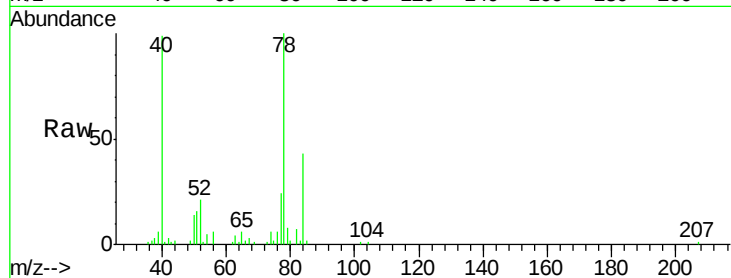
Instrument :

MSVOA_U

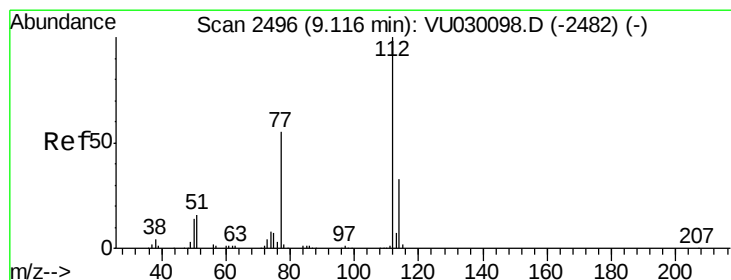
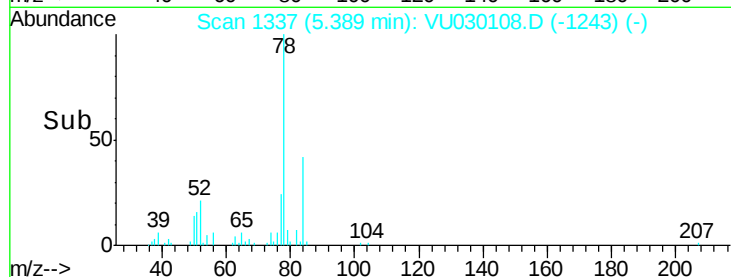
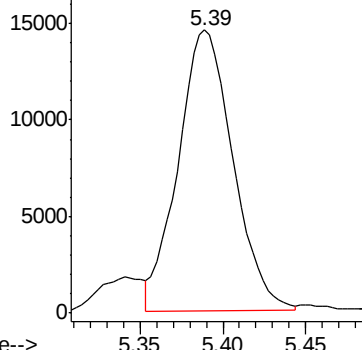
ClientSampleId :

C0963

Tgt Ion: 78 Resp: 33378



Abundance Ion 78.00 (77.70 to 78.70): VU0



#51

Chlorobenzene

Concen: 2.874 ug/L

RT: 9.12 min Scan# 2497

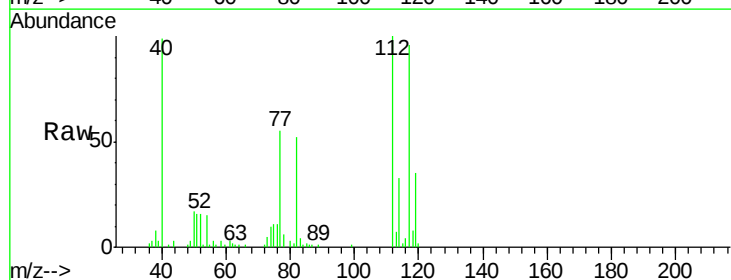
Delta R.T. 0.00 min

Lab File: VU030108.D

Acq: 15 Mar 2019 14:03

Tgt Ion: 112 Resp: 30427

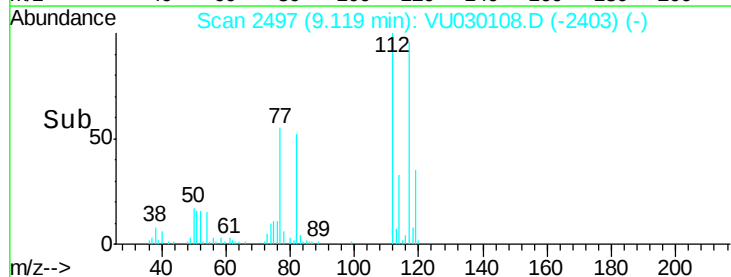
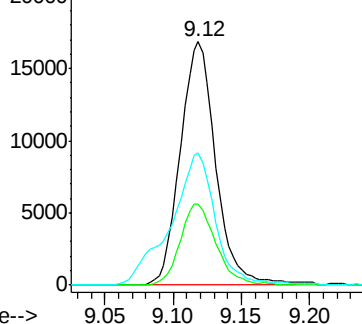
Ion	Ratio	Lower	Upper
112	100		
114	33.3	22.5	41.9
77	54.5	44.6	66.8

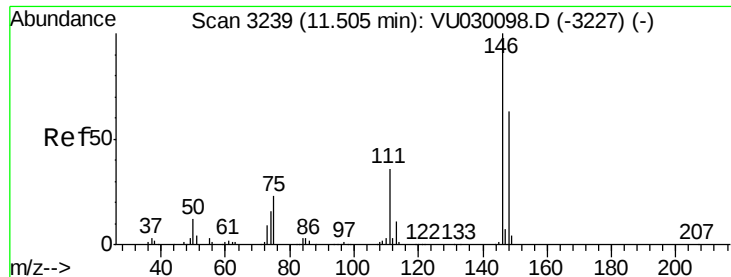


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0





#63

1,4-Dichlorobenzene

Concen: 1.566 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. -0.00 min

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C0963

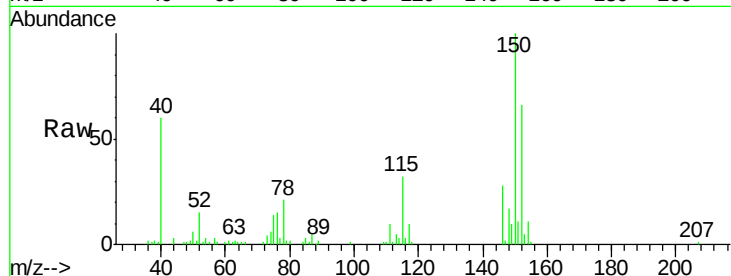
Tot Ion:146 Resp: 12252

Ion Ratio Lower Upper

146 100

111 35.3 25.5 47.3

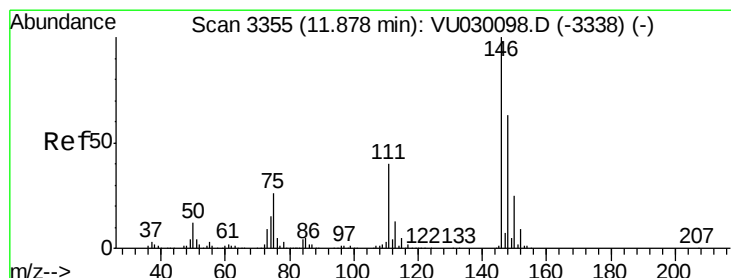
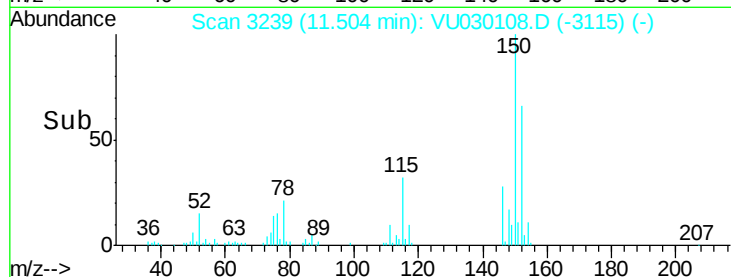
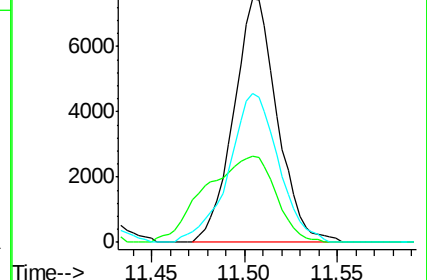
148 61.4 45.0 83.6



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: 1.164 ug/L

RT: 11.87 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VU030108.D

Acq: 15 Mar 2019 14:03

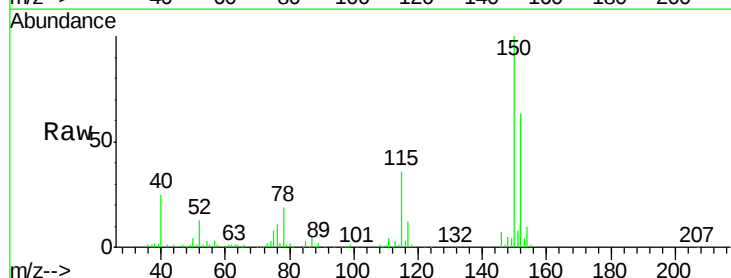
Tgt Ion:146 Resp: 9012

Ion Ratio Lower Upper

146 100

111 50.8 30.9 46.3#

148 69.6 51.2 76.8



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

