

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U091518\
 Data File : VU026757.D
 Acq On : 14 Sep 2018 11:44
 Operator : MD/SY
 Sample : J4860-01 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A41S8

Quant Time: Sep 21 05:48:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 21 05:15:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	171737	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	166199	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	77388	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53347	41.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.36%
7) Chloroethane-d5	1.68	69	44632	43.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.56%
11) 1,1-Dichloroethene-d2	2.27	63	78363	34.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.42%
21) 2-Butanone-d5	4.19	46	87330	109.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.65%
24) Chloroform-d	4.66	84	87935	41.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.64%
26) 1,2-Dichloroethane-d4	5.31	65	62975	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.44%
32) Benzene-d6	5.34	84	193559	45.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.33	67	65342	45.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.54%
41) Toluene-d8	7.57	98	172528	42.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.50%
43) trans-1,3-Dichloropropene-	7.85	79	28590	42.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.20%
47) 2-Hexanone-d5	8.31	63	65029	110.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	94121	47.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	71790	46.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.06%

Target Compounds

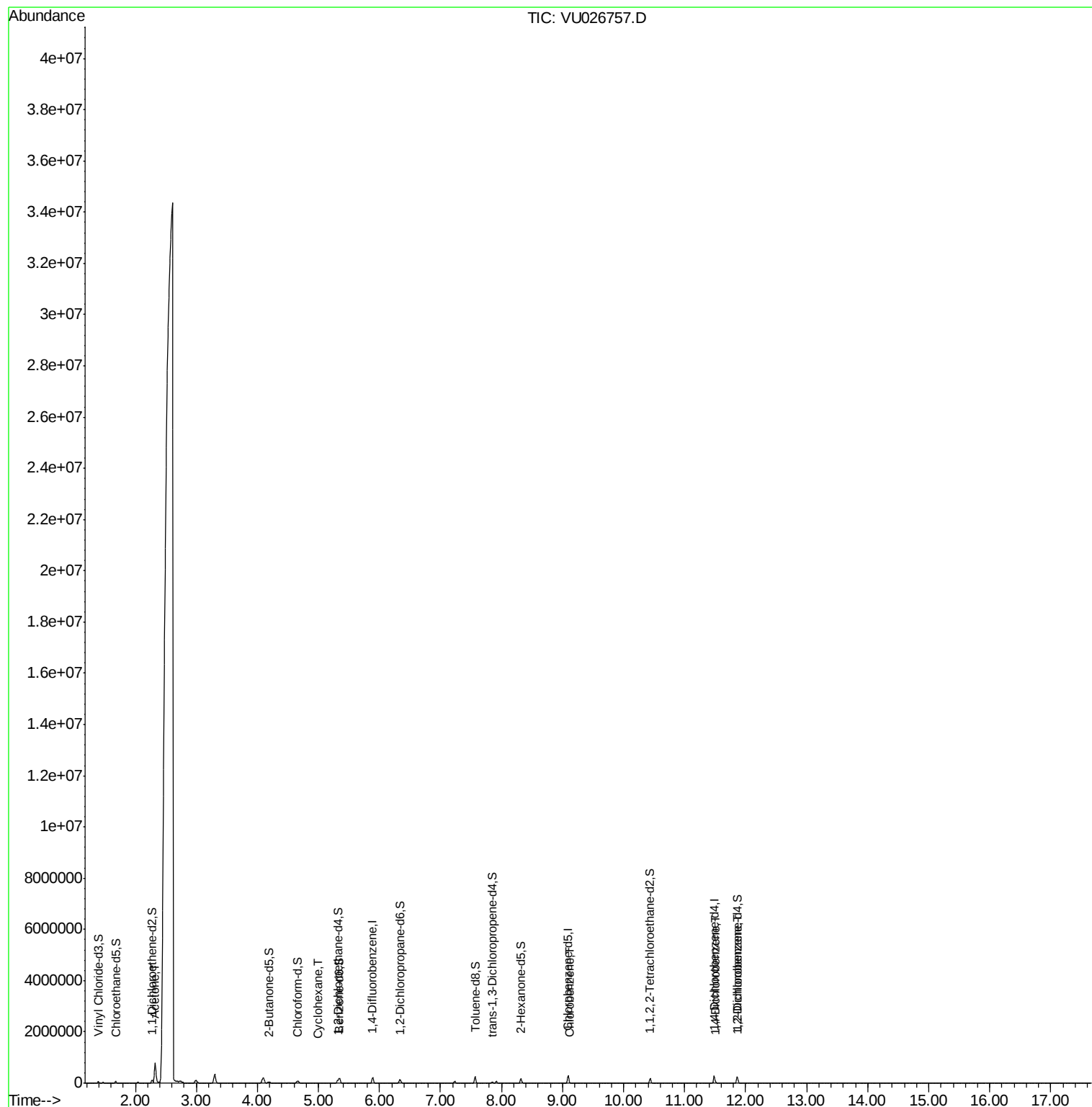
					Ovalue
13) Acetone	2.32	43	945644	1042.515	ug/L 99
29) Cyclohexane	5.00	56	1393	0.765	ug/L 98
51) Chlorobenzene	9.12	112	2285	0.721	ug/L 95
63) 1,4-Dichlorobenzene	11.51	146	3179	1.350	ug/L 97
65) 1,2-Dichlorobenzene	11.88	146	3080	1.312	ug/L 91

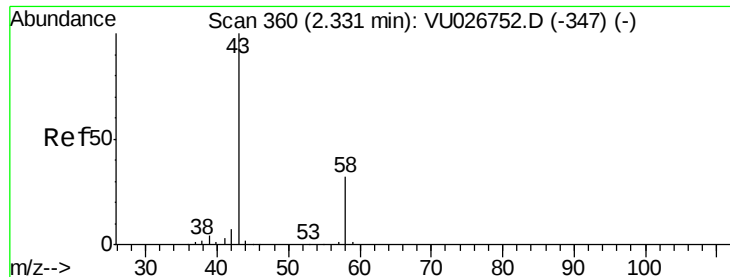
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1042.515 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

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Acq: 14 Sep 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

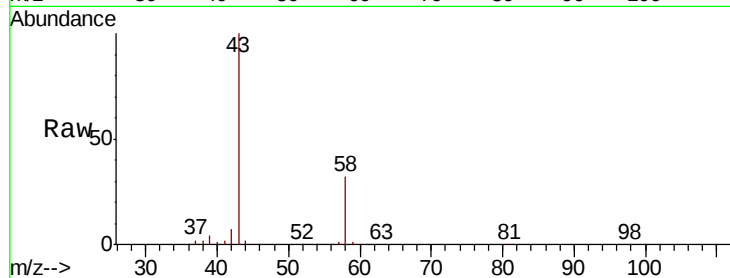
A41S8

Tot Ion: 43 Resp: 945644

Ion Ratio Lower Upper

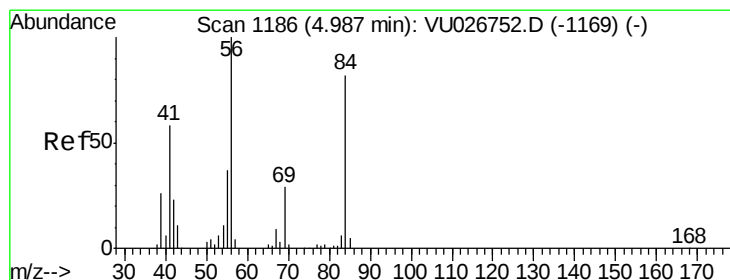
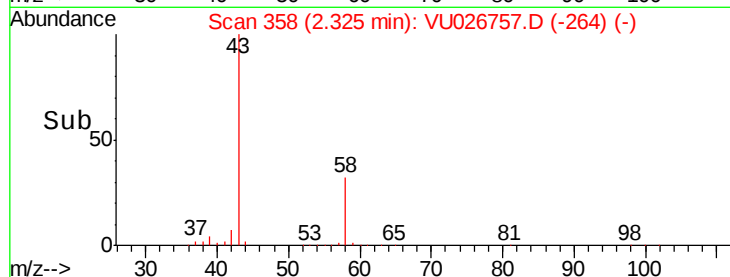
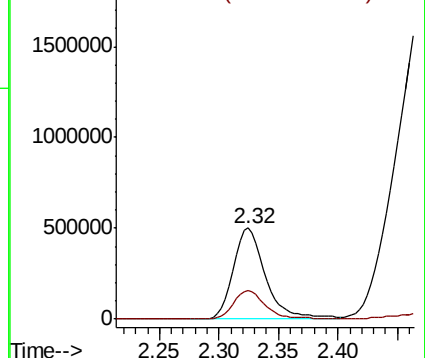
43 100

58 32.0 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#29

Cyclohexane

Concen: 0.765 ug/L

RT: 5.00 min Scan# 1189

Delta R.T. -0.00 min

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Acq: 14 Sep 2018 11:44

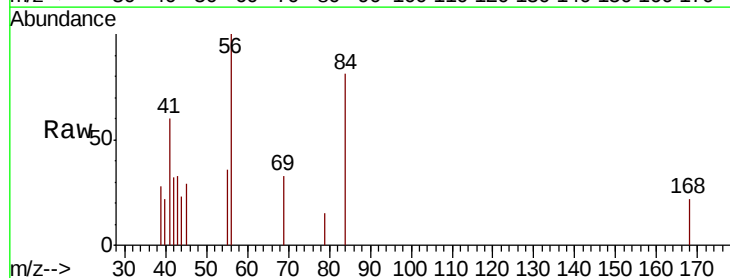
Tgt Ion: 56 Resp: 1393

Ion Ratio Lower Upper

56 100

69 30.2 23.0 34.6

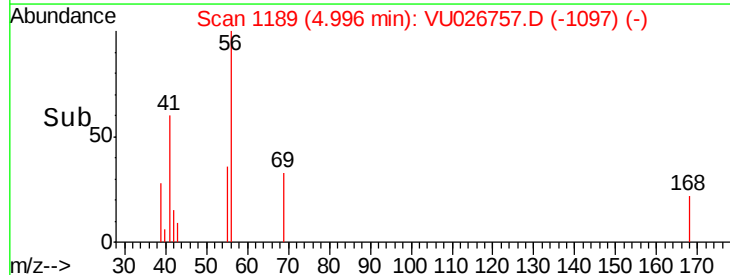
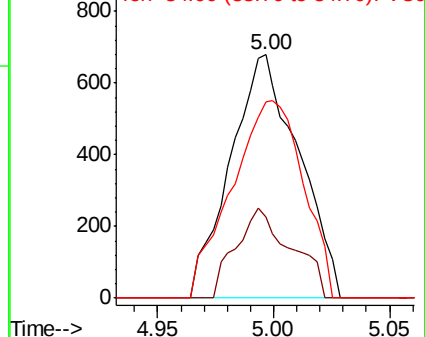
84 84.8 66.5 99.7

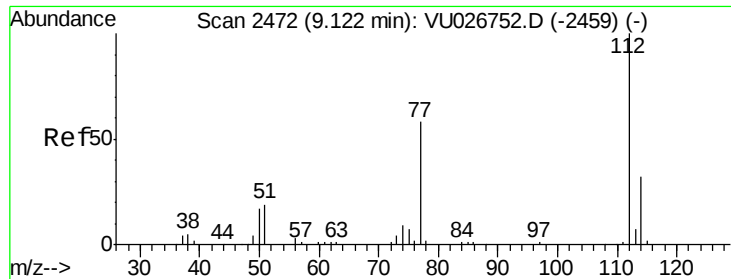


Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0

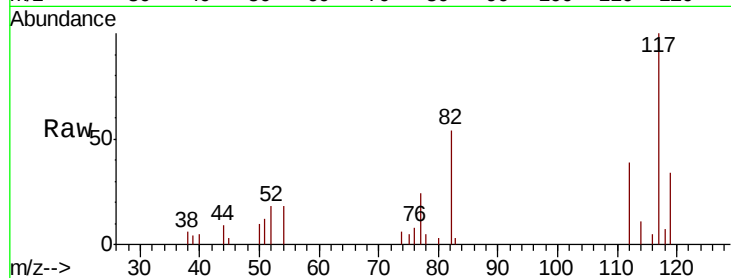




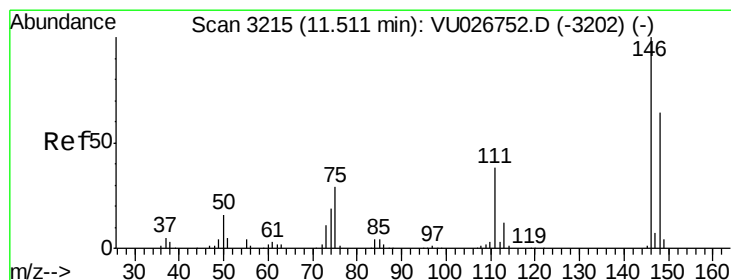
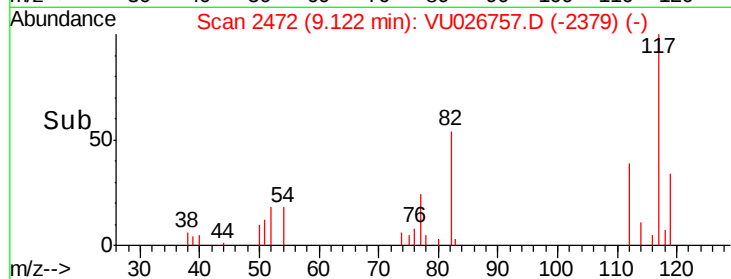
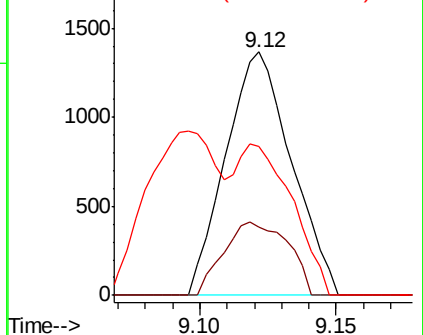
#51
Chlorobenzene
Concen: 0.721 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU026757.D
Acq: 14 Sep 2018 11:44

Instrument :
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ClientSampleId :
A41S8

Tot Ion:112 Resp: 2285
Ion Ratio Lower Upper
112 100
114 27.9 22.9 42.5
77 61.4 47.2 70.8

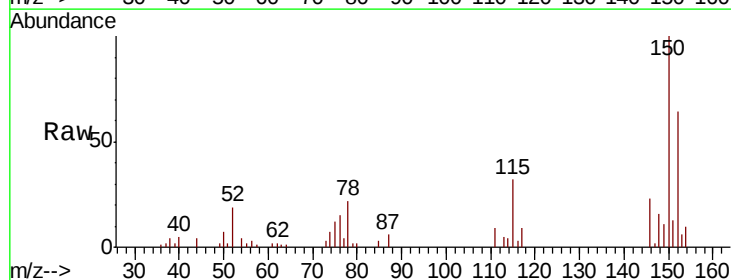


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

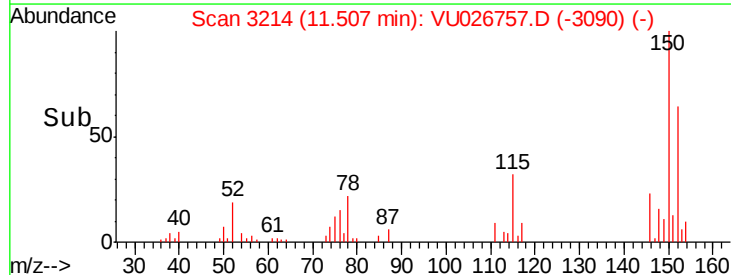
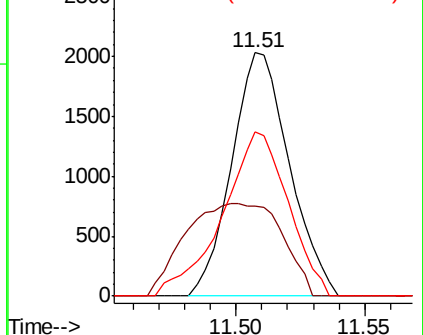


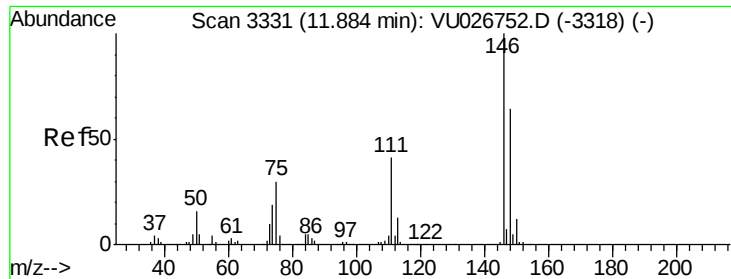
#63
1,4-Dichlorobenzene
Concen: 1.350 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. -0.00 min
Lab File: VU026757.D
Acq: 14 Sep 2018 11:44

Tgt Ion:146 Resp: 3179
Ion Ratio Lower Upper
146 100
111 36.9 26.5 49.3
148 67.4 45.2 84.0



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

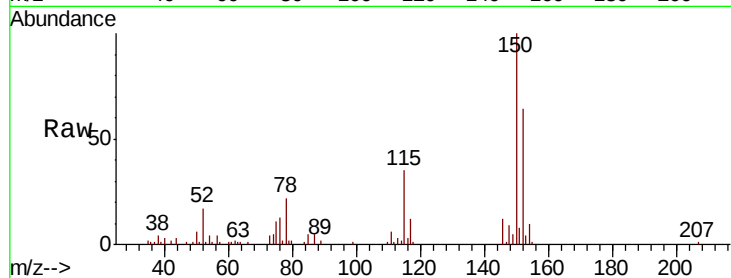




#65
 1,2-Dichlorobenzene
 Concen: 1.312 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU026757.D
 Acq: 14 Sep 2018 11:44

Instrument :
 MSVOA_U
 ClientSampleId :
 A41S8

Tot Ion:146 Resp: 3080
 Ion Ratio Lower Upper
 146 100
 111 48.1 32.8 49.2
 148 70.9 52.2 78.4



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

