

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U091818\
 Data File : VU026882.D
 Acq On : 18 Sep 2018 22:59
 Operator : MD/SY
 Sample : J4896-08DL 2500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08L2DL

Quant Time: Sep 19 08:08:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 19 07:38:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	220671	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	212929	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	86813	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54848	33.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.20%
7) Chloroethane-d5	1.68	69	54758	39.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.38%
11) 1,1-Dichloroethene-d2	2.27	63	82974	26.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.72%#
21) 2-Butanone-d5	4.18	46	118050	108.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.98%
24) Chloroform-d	4.65	84	131170	43.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.64%
26) 1,2-Dichloroethane-d4	5.31	65	88146	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.46%
32) Benzene-d6	5.34	84	245945	41.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.44%
36) 1,2-Dichloropropane-d6	6.33	67	87270	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.78%
41) Toluene-d8	7.57	98	194684	36.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.22%#
43) trans-1,3-Dichloropropene-	7.85	79	34471	40.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.32%
47) 2-Hexanone-d5	8.31	63	79962	105.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	126819	47.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	86529	47.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.82%

Target Compounds

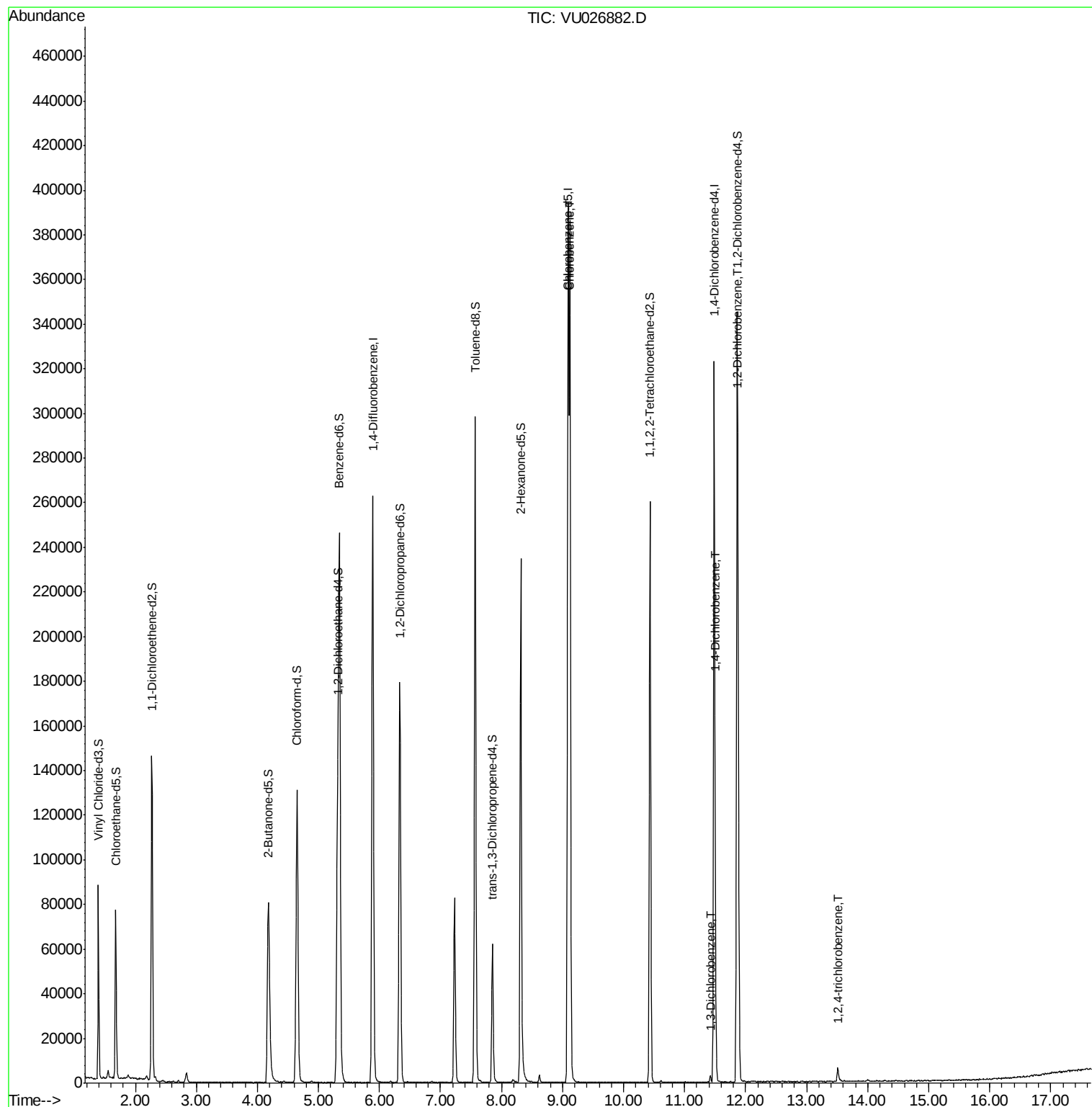
					Ovalue
51) Chlorobenzene	9.12	112	198155	43.713 ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	1634	0.617 ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	8481	2.910 ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	48601	16.585 ug/L	97
68) 1,2,4-trichlorobenzene	13.51	180	3302	1.871 ug/L #	89

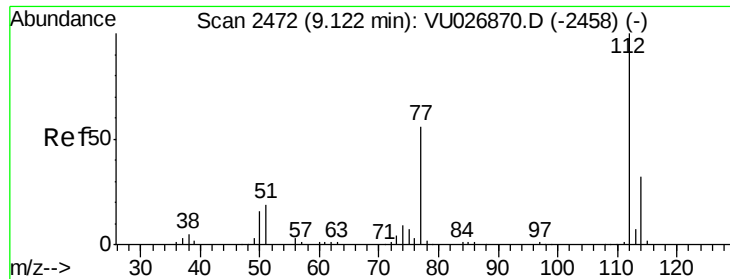
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 19 07:38:56 2018
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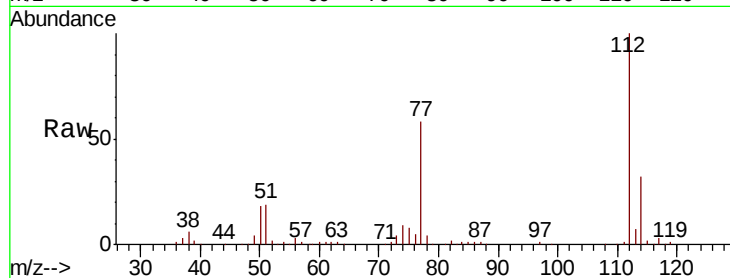




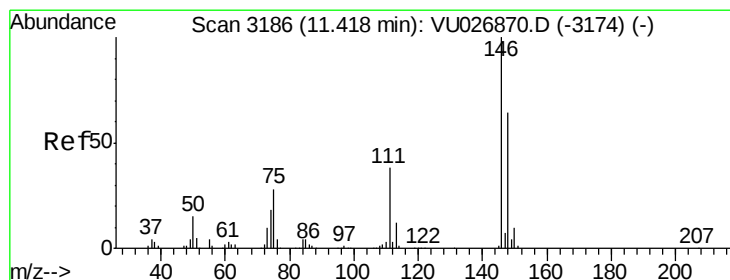
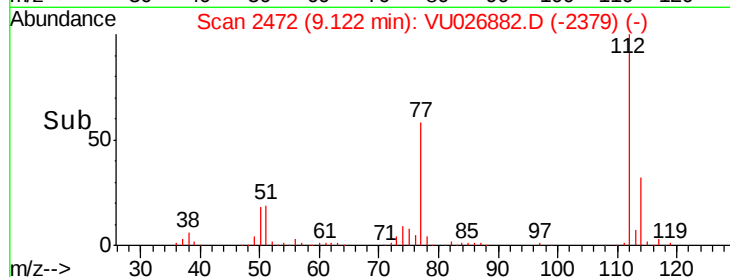
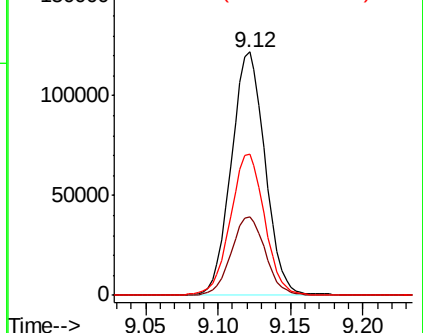
#51
Chlorobenzene
Concen: 43.713 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU026882.D
Acq: 18 Sep 2018 22:59

Instrument :
MSVOA_U
ClientSampleId :
C08L2DL

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.3	41.5
77	58.1	45.1	67.7

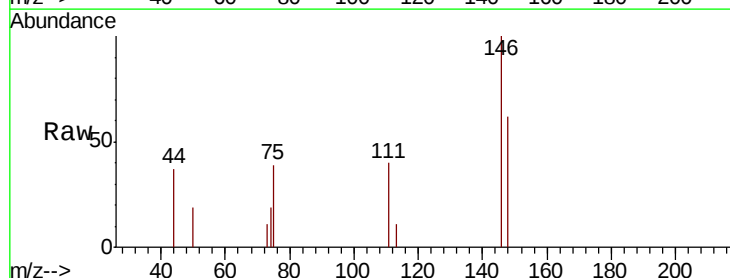


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

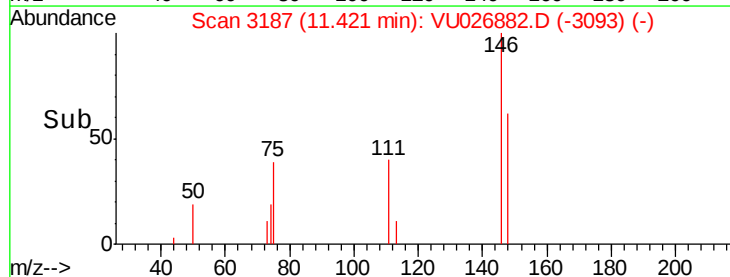
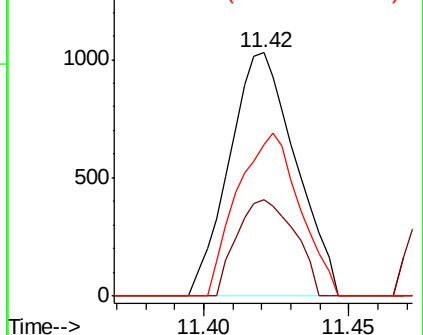


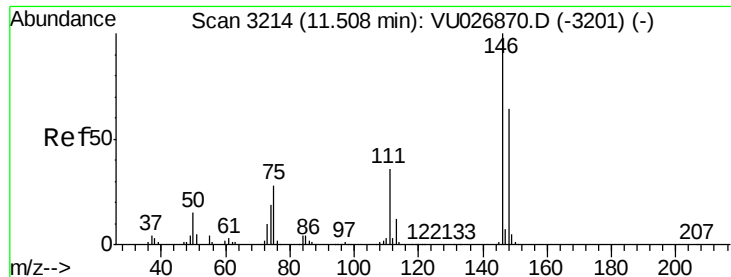
#62
1,3-Dichlorobenzene
Concen: 0.617 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU026882.D
Acq: 18 Sep 2018 22:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	26.7	49.7
148	62.1	44.9	83.5



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

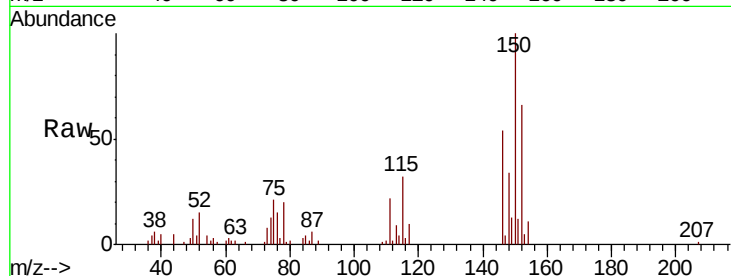




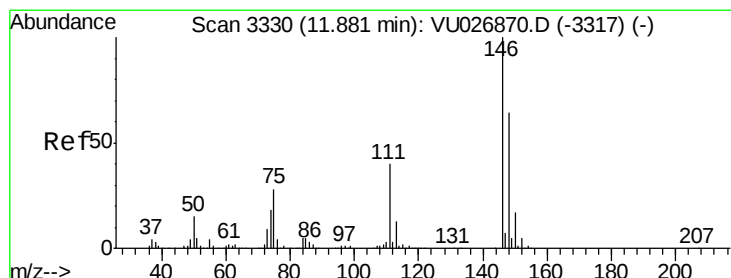
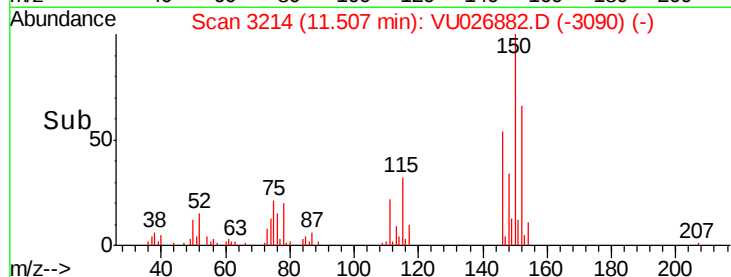
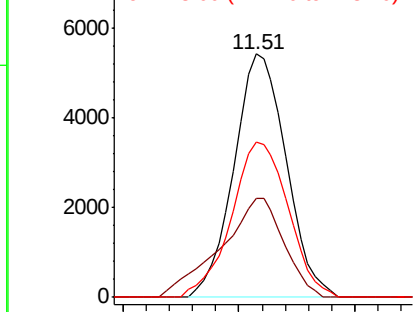
#63
 1,4-Dichlorobenzene
 Concen: 2.910 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU026882.D
 Acq: 18 Sep 2018 22:59

Instrument :
 MSVOA_U
 ClientSampleId :
 C08L2DL

Tot Ion:146 Resp: 8481
 Ion Ratio Lower Upper
 146 100
 111 40.5 26.0 48.2
 148 63.7 45.8 85.2

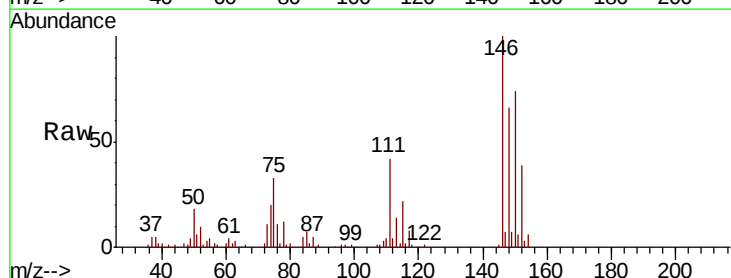


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

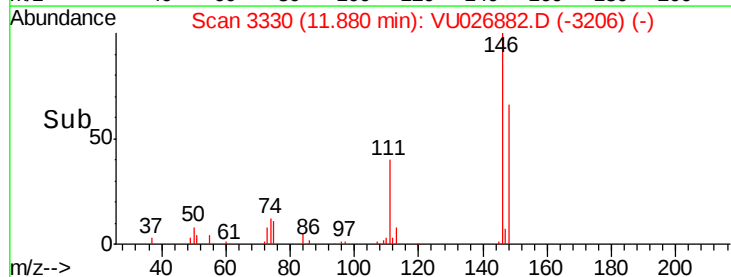
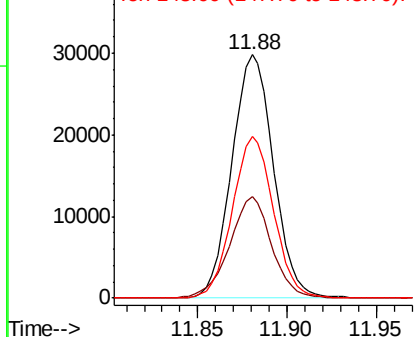


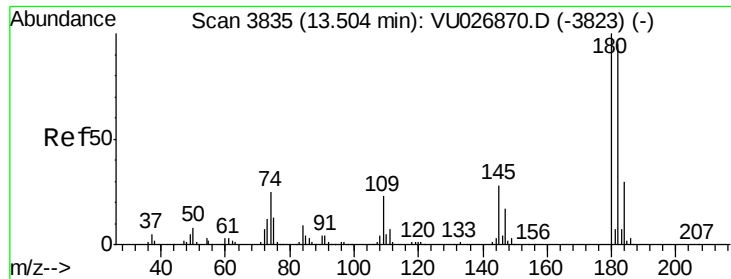
#65
 1,2-Dichlorobenzene
 Concen: 16.585 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU026882.D
 Acq: 18 Sep 2018 22:59

Tgt Ion:146 Resp: 48601
 Ion Ratio Lower Upper
 146 100
 111 41.6 31.4 47.0
 148 66.3 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

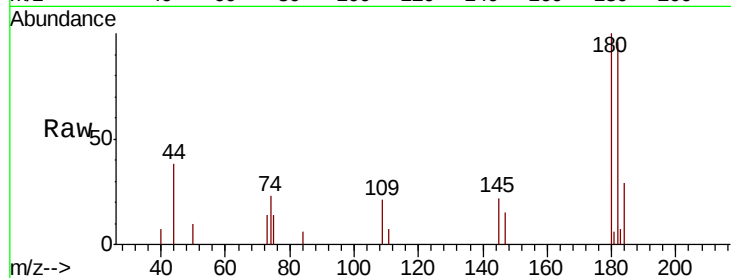




#68
 1,2,4-trichlorobenzene
 Concen: 1.871 ug/L
 RT: 13.51 min Scan# 3837
 Delta R.T. 0.01 min
 Lab File: VU026882.D
 Acq: 18 Sep 2018 22:59

Instrument :
 MSVOA_U
 ClientSampleId :
 C08L2DL

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.4	76.8	115.2
145	12.4	22.2	33.2



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

