

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\
 Data File : VU026313.D
 Acq On : 23 Aug 2018 21:00
 Operator : MD/SY
 Sample : J4598-19
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 24 02:08:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 02:06:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	286849	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287891	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	136625	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	83549	47.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.50%
7) Chloroethane-d5	1.68	69	69857	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.92%
11) 1,1-Dichloroethene-d2	2.27	63	129404	37.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.26%
21) 2-Butanone-d5	4.18	46	142296	101.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.90%
24) Chloroform-d	4.65	84	195751	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.31	65	129106	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
32) Benzene-d6	5.35	84	379618	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.58%
36) 1,2-Dichloropropane-d6	6.33	67	123576	49.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.94%
41) Toluene-d8	7.57	98	341735	46.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.84%
43) trans-1,3-Dichloropropene-	7.85	79	60193	47.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.22%
47) 2-Hexanone-d5	8.31	63	101643	96.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.17%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	173335	47.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	149363	51.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.04%

Target Compounds

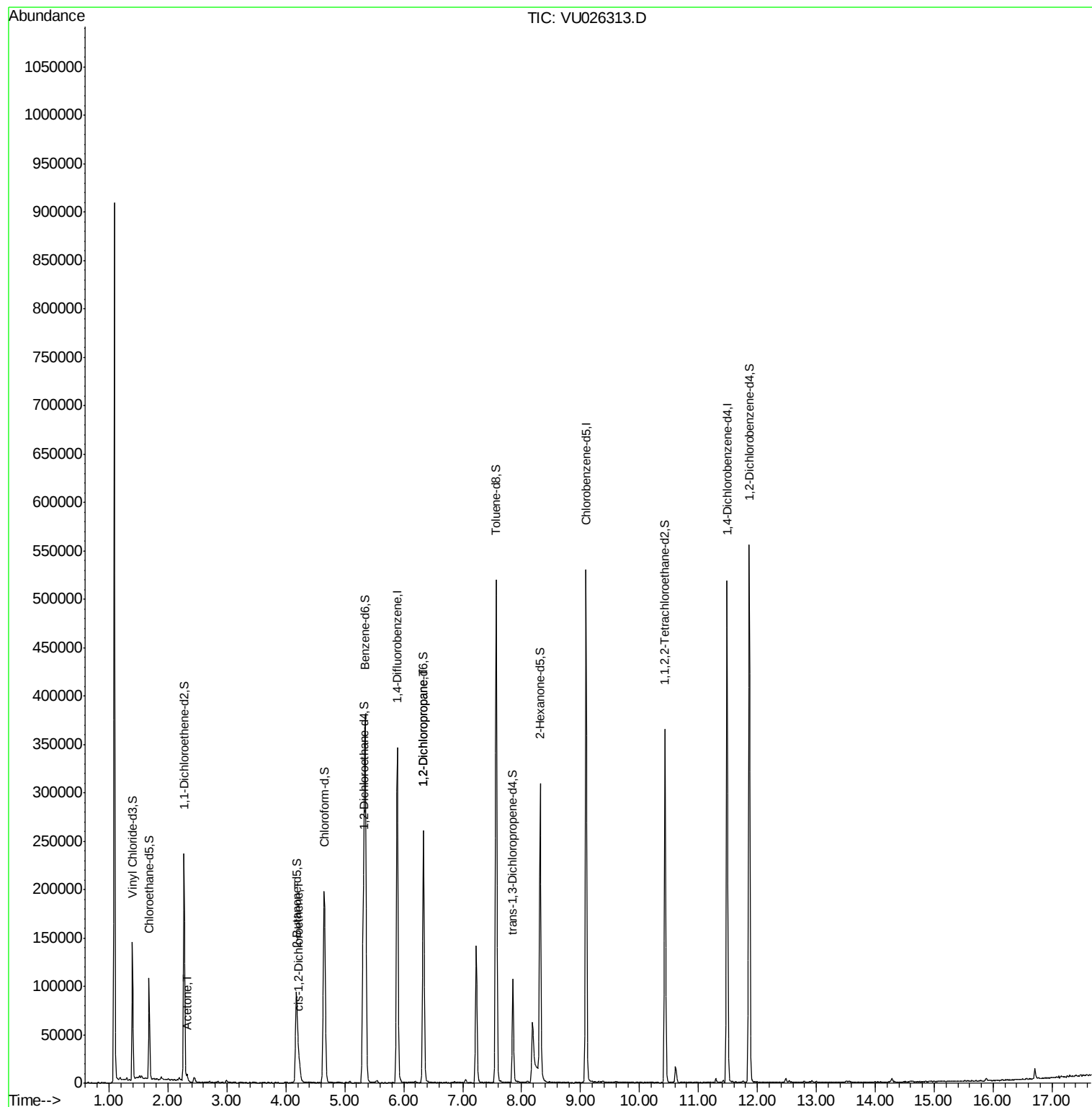
					Ovalue
13) Acetone	2.32	43	6014	5.565 ug/L	92
20) cis-1,2-Dichloroethene	4.23	96	8085	3.936 ug/L	96
37) 1,2-Dichloropropane	6.33	63	13917	6.488 ug/L #	88

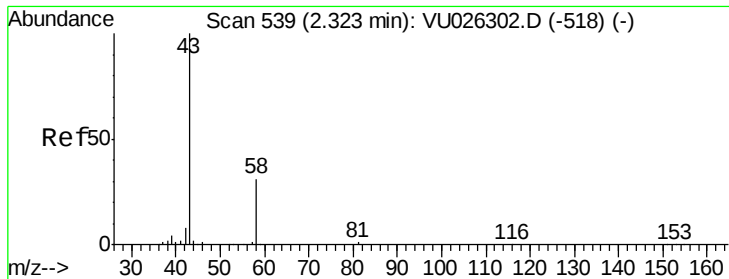
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.565 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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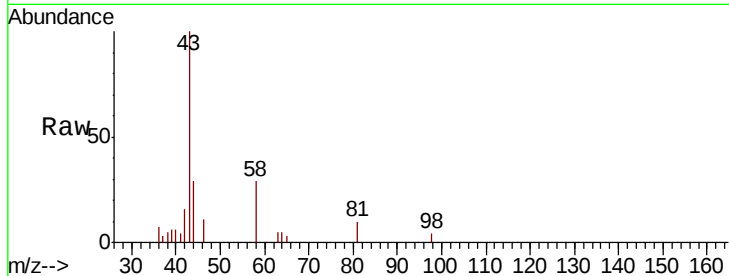
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 6014

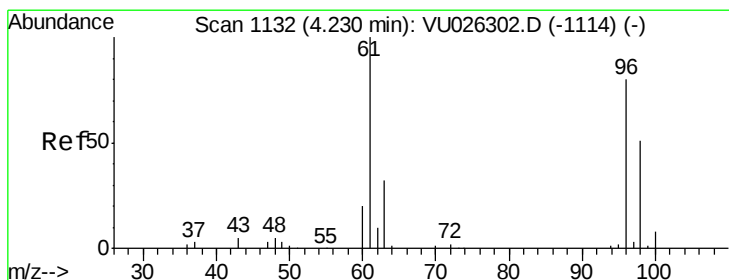
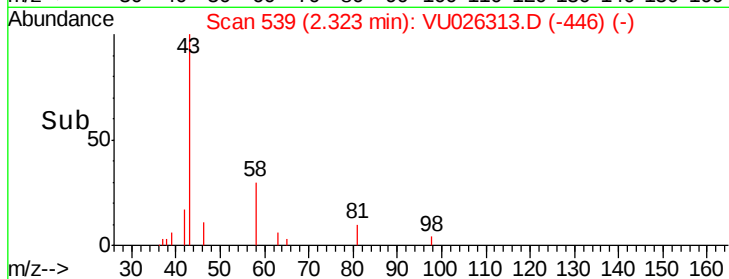
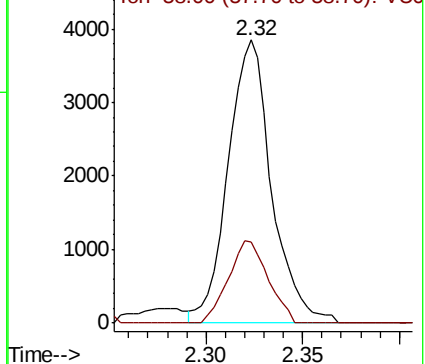
Ion Ratio Lower Upper

43 100

58 26.4 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 3.936 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

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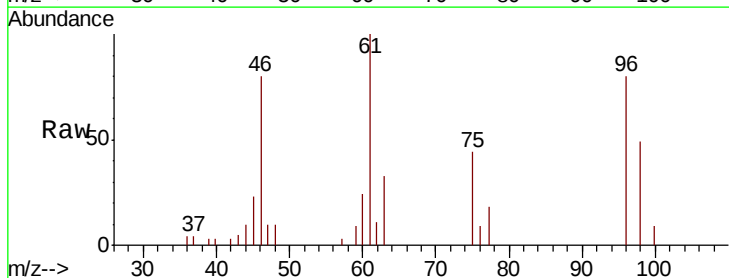
Tgt Ion: 96 Resp: 8085

Ion Ratio Lower Upper

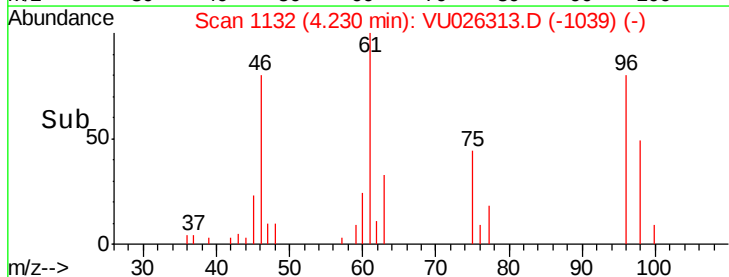
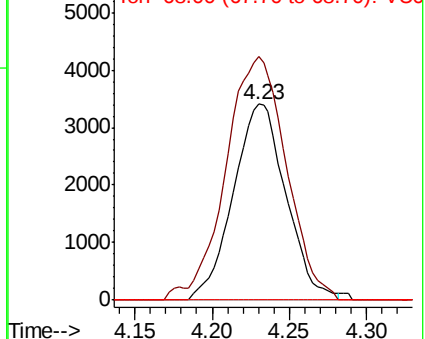
96 100

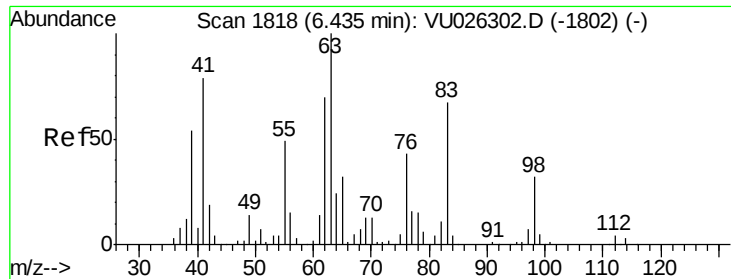
61 124.3 90.3 167.7

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0





#37
 1,2-Dichloropropane
 Concen: 6.488 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026313.D
 Acq: 23 Aug 2018 21:00

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 13917
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.4 5.2#

