

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\
 Data File : VU026295.D
 Acq On : 23 Aug 2018 13:54
 Operator : MD/SY
 Sample : J4601-03 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 24 01:16:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 01:14:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	258161	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	252708	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	117360	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	81690	51.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.76%
7) Chloroethane-d5	1.68	69	68317	53.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.42%
11) 1,1-Dichloroethene-d2	2.27	63	125396	40.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.04%
21) 2-Butanone-d5	4.17	46	132253	105.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.24%
24) Chloroform-d	4.65	84	183678	52.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.66%
26) 1,2-Dichloroethane-d4	5.31	65	121221	53.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.14%
32) Benzene-d6	5.35	84	353411	52.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.54%
36) 1,2-Dichloropropane-d6	6.33	67	114846	52.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.82%
41) Toluene-d8	7.57	98	323209	50.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.04%
43) trans-1,3-Dichloropropene-	7.85	79	54701	48.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.54%
47) 2-Hexanone-d5	8.31	63	94566	101.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	159484	49.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	136398	54.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.54%

Target Compounds

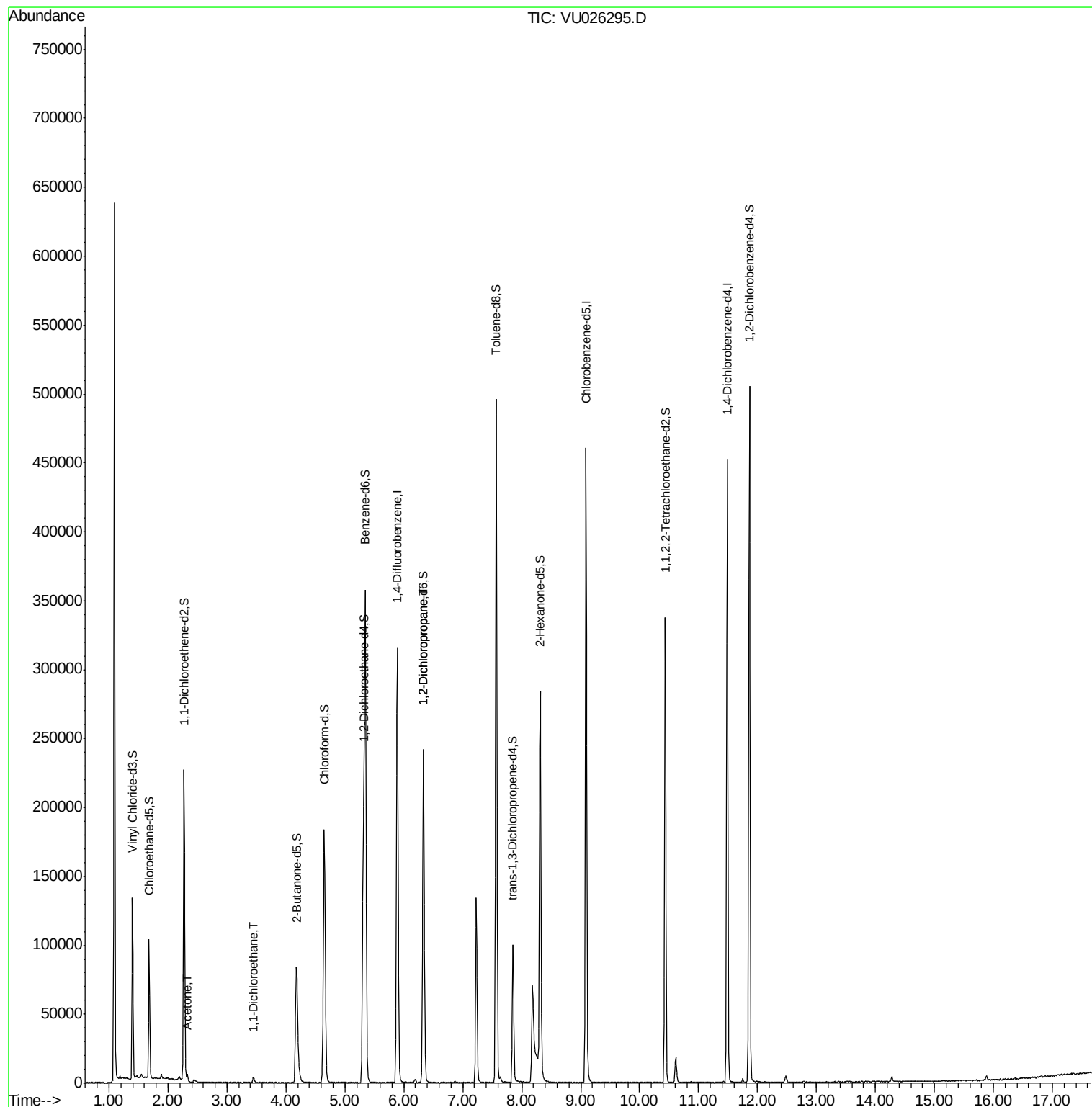
					Ovalue
13) Acetone	2.32	43	3723	3.828 ug/L	87
19) 1,1-Dichloroethane	3.45	63	4149	1.360 ug/L	89
37) 1,2-Dichloropropane	6.33	63	12604	6.694 ug/L #	87

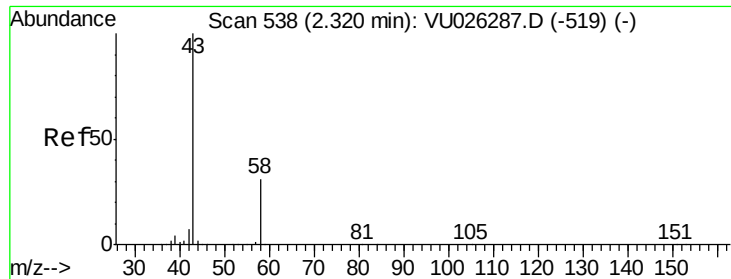
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.828 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026295.D

Acq: 23 Aug 2018 13:54

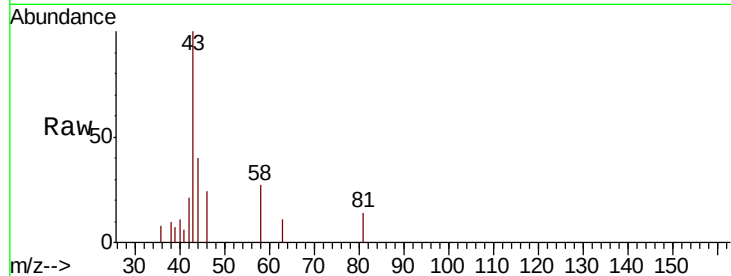
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 3723

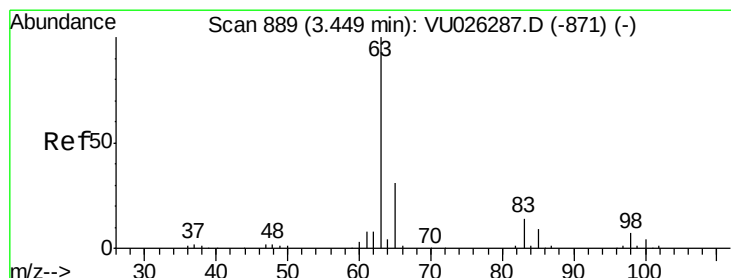
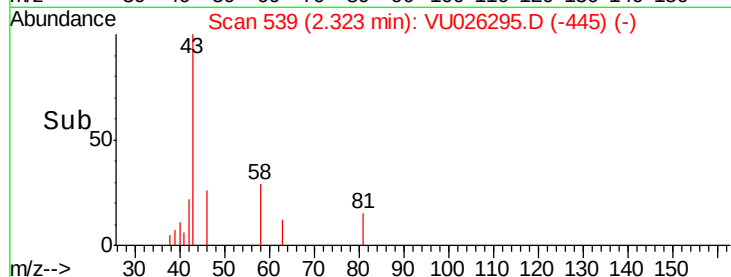
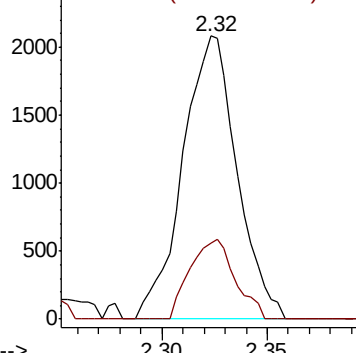
Ion Ratio Lower Upper

43 100

58 23.5 0.0 61.2



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



#19

1,1-Dichloroethane

Concen: 1.360 ug/L

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

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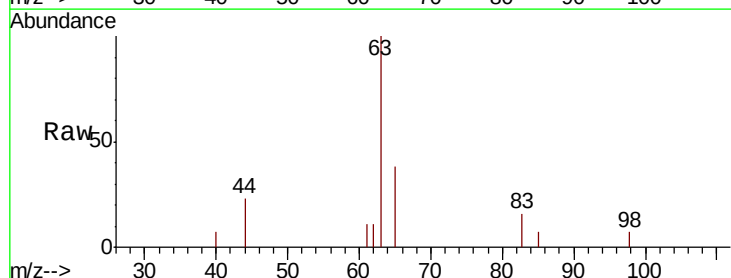
Tgt Ion: 63 Resp: 4149

Ion Ratio Lower Upper

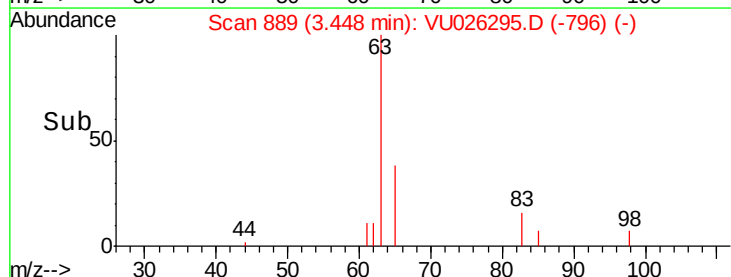
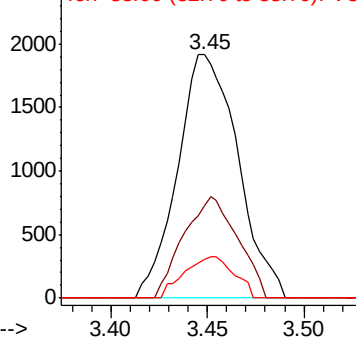
63 100

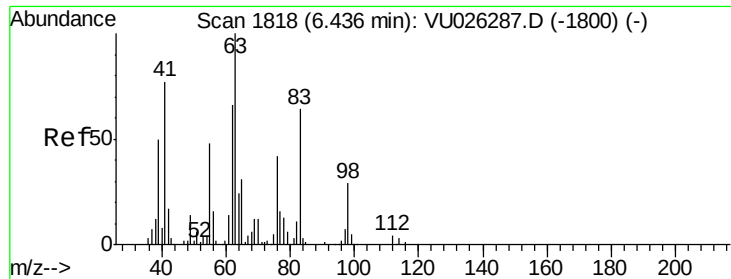
65 37.9 21.4 39.8

83 16.1 9.2 17.2



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 65.00 (64.70 to 65.70): VU0
Ion 83.00 (82.70 to 83.70): VU0





#37
 1,2-Dichloropropane
 Concen: 6.694 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026295.D
 Acq: 23 Aug 2018 13:54

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 12604
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#

