

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081018\
 Data File : VU026043.D
 Acq On : 10 Aug 2018 15:06
 Operator : MD/SY
 Sample : J4401-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZF4

Quant Time: Aug 11 01:35:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 11 00:58:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	282040	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	265489	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	113247	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	71252	34.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.12%
7) Chloroethane-d5	1.68	69	68306	41.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.58%
11) 1,1-Dichloroethene-d2	2.27	63	113812	29.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.10%#
21) 2-Butanone-d5	4.18	46	169287	98.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.52%
24) Chloroform-d	4.65	84	200087	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
26) 1,2-Dichloroethane-d4	5.31	65	140881	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.42%
32) Benzene-d6	5.35	84	375896	45.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.33	67	129482	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.08%
41) Toluene-d8	7.57	98	334593	42.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.84%
43) trans-1,3-Dichloropropene-	7.85	79	60294	44.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.72%
47) 2-Hexanone-d5	8.31	63	119436	98.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.58%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	187137	47.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	136853	49.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.04%

Target Compounds

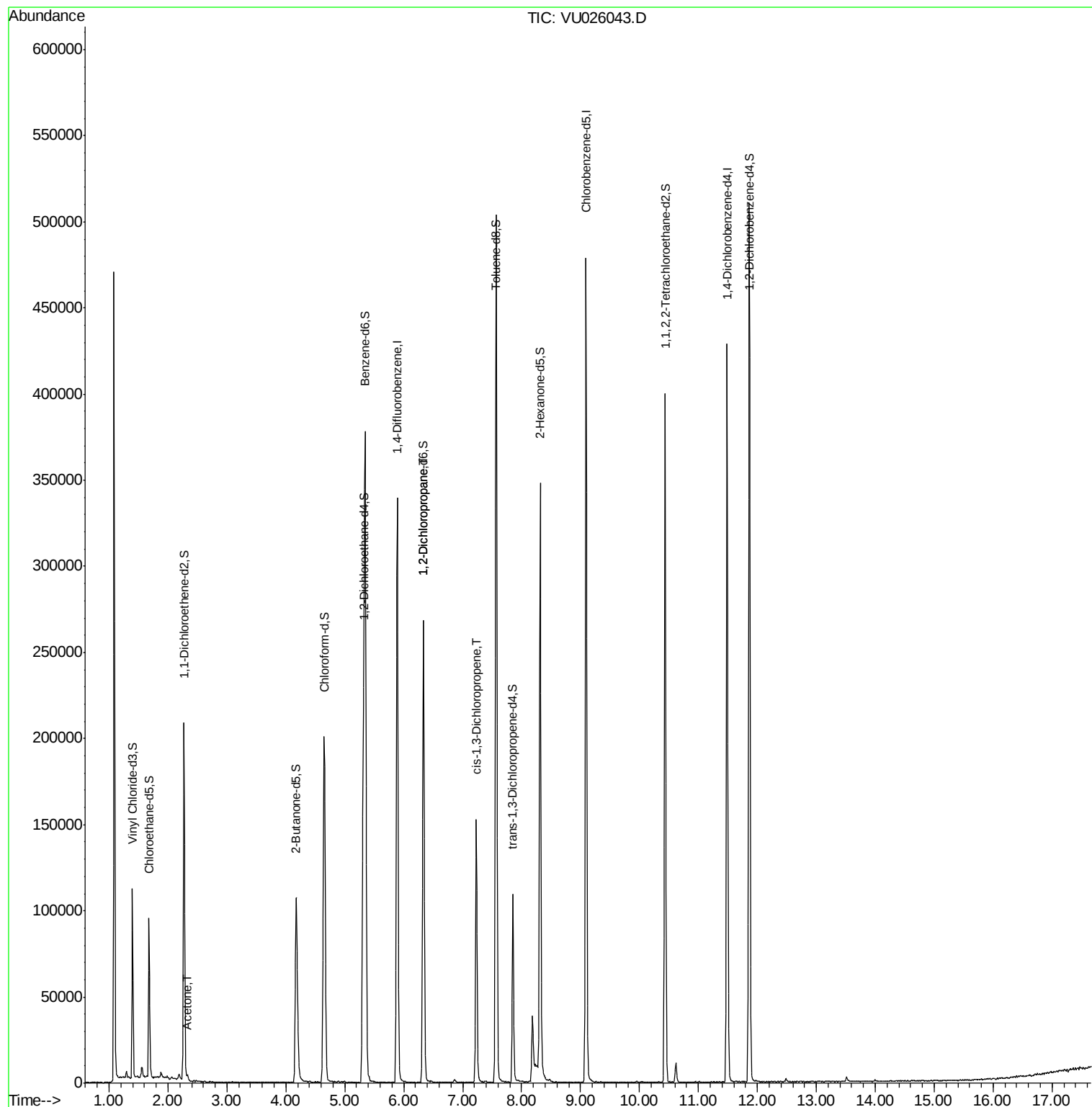
					Ovalue
13) Acetone	2.32	43	1788	1.675 ug/L	69
37) 1,2-Dichloropropane	6.33	63	14812	7.159 ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	4245	1.354 ug/L #	57

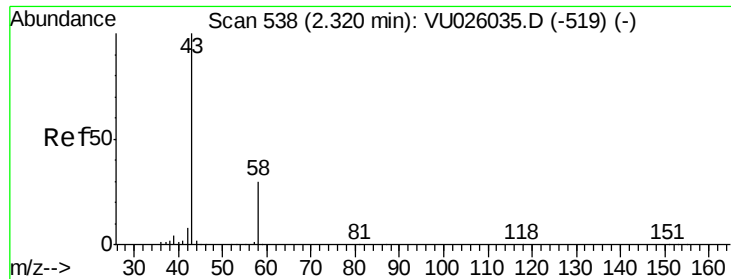
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.675 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

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Acq: 10 Aug 2018 15:06

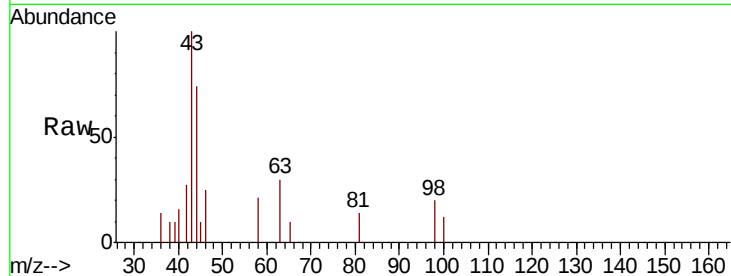
Instrument :
MSVOA_U
ClientSampleId :
A4ZF4

Tot Ion: 43 Resp: 1788

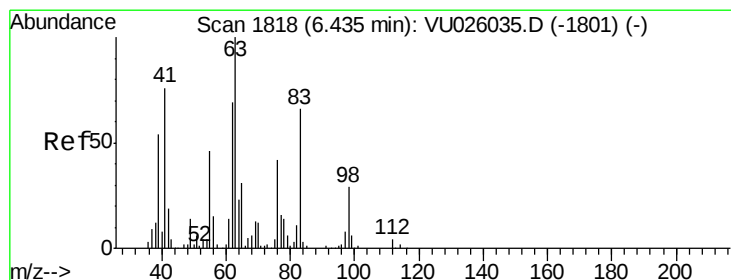
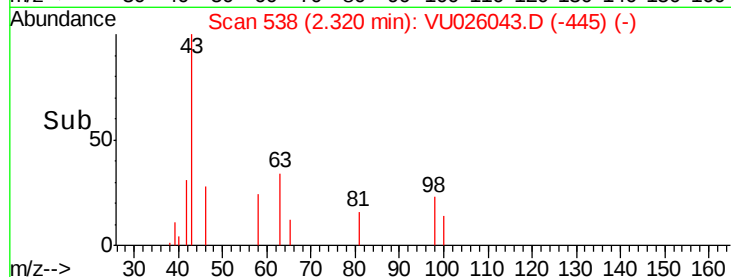
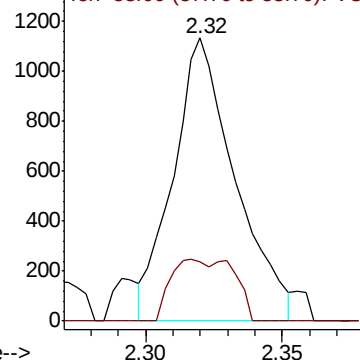
Ion Ratio Lower Upper

43 100

58 13.8 0.0 61.8



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



#37

1,2-Dichloropropane

Concen: 7.159 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU026043.D

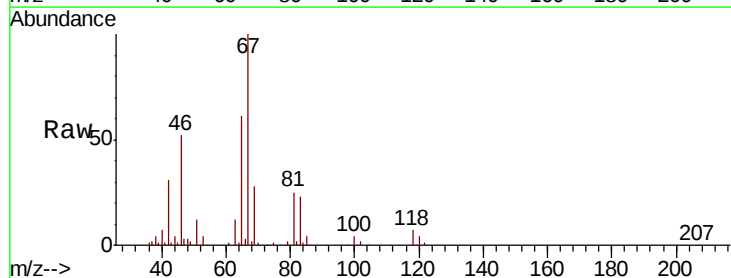
Acq: 10 Aug 2018 15:06

Tgt Ion: 63 Resp: 14812

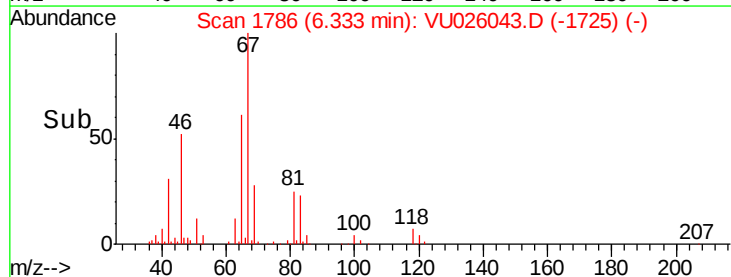
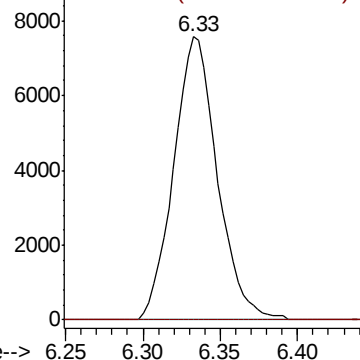
Ion Ratio Lower Upper

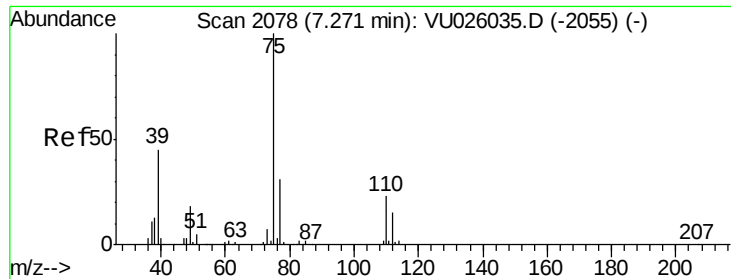
63 100

112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 1.354 ug/L

RT: 7.23 min Scan# 2064

Delta R.T. -0.04 min

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Tot Ion: 75 Resp: 4245

Ion Ratio Lower Upper

75 100

77 55.2 22.1 41.1#

