

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080418\
 Data File : VU025823.D
 Acq On : 03 Aug 2018 17:13
 Operator : MD/SY
 Sample : J4265-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB6

Quant Time: Aug 03 23:52:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 23:51:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	297684	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	283981	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	137450	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	71667	42.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.34%
7) Chloroethane-d5	1.68	69	58919	42.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.06%
11) 1,1-Dichloroethene-d2	2.27	63	117907	33.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.66%
21) 2-Butanone-d5	4.18	46	118853	90.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.59%
24) Chloroform-d	4.65	84	159114	42.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.06%
26) 1,2-Dichloroethane-d4	5.31	65	111993	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.48%
32) Benzene-d6	5.35	84	313907	43.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.34	67	101045	43.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.12%
41) Toluene-d8	7.57	98	288733	41.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.68%
43) trans-1,3-Dichloropropene-	7.85	79	49756	41.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.02%
47) 2-Hexanone-d5	8.31	63	84633	86.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.13%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	135091	41.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	121425	43.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.18%

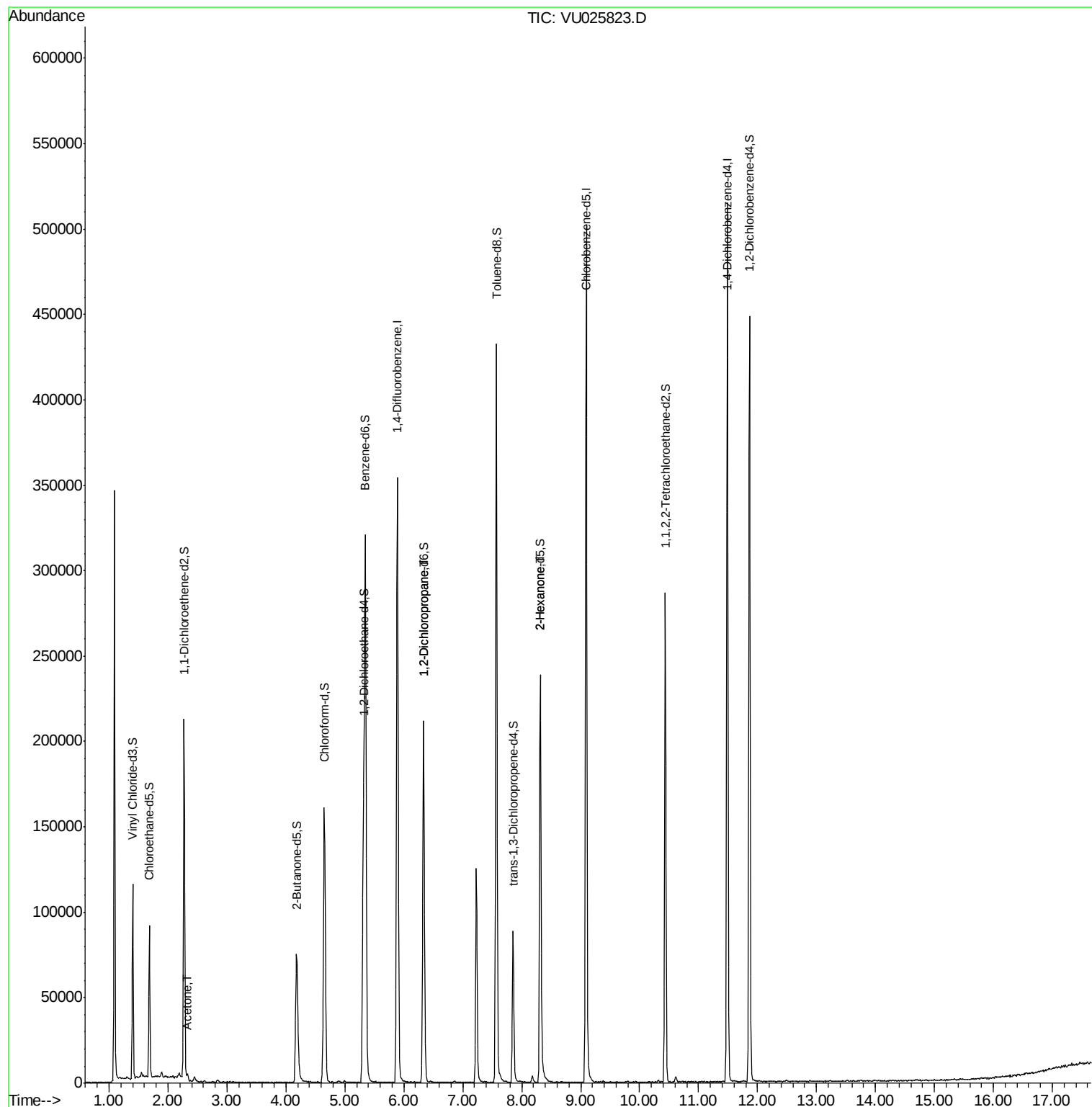
Target Compounds					Qvalue
13) Acetone	2.33	43	2764	1.795 ug/L	96
37) 1,2-Dichloropropane	6.33	63	11492	5.154 ug/L #	88
48) 2-Hexanone	8.31	43	10554	4.266 ug/L #	68

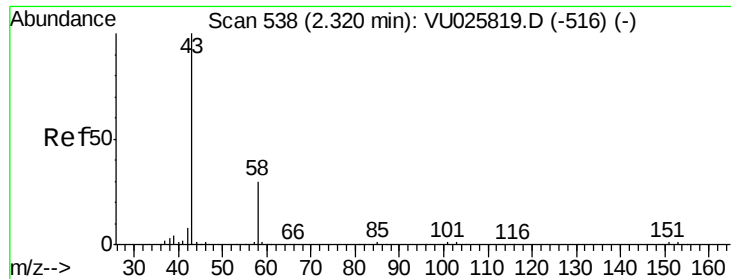
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.795 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.01 min

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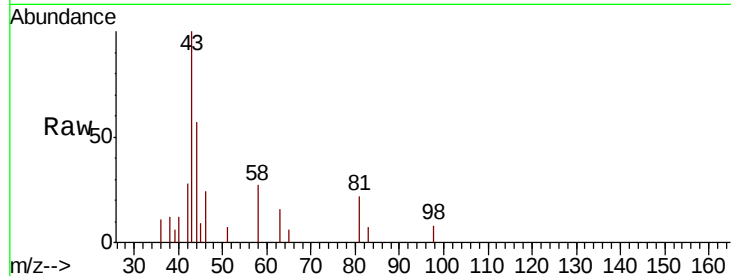
C0AB6

Tgt Ion: 43 Resp: 2764

Ion Ratio Lower Upper

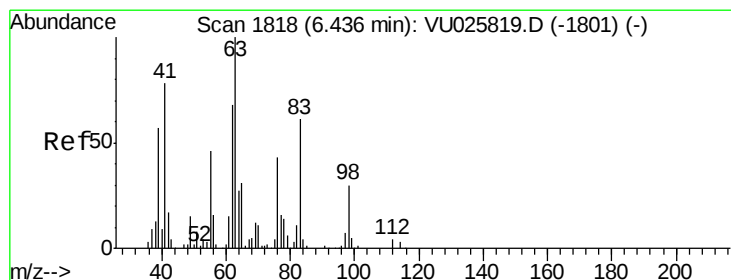
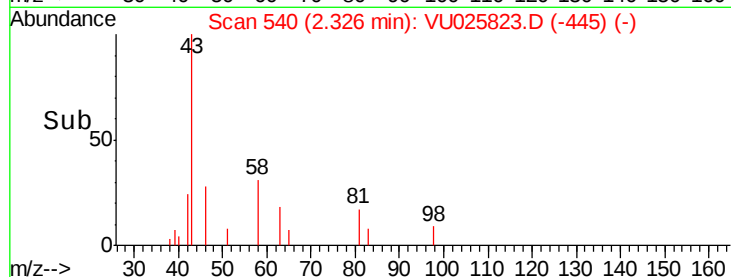
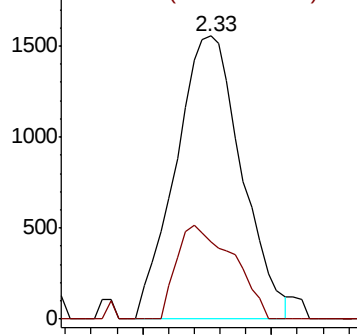
43 100

58 28.5 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#37

1,2-Dichloropropane

Concen: 5.154 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

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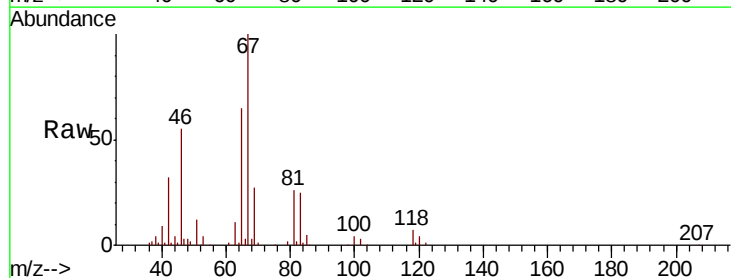
Acq: 03 Aug 2018 17:13

Tgt Ion: 63 Resp: 11492

Ion Ratio Lower Upper

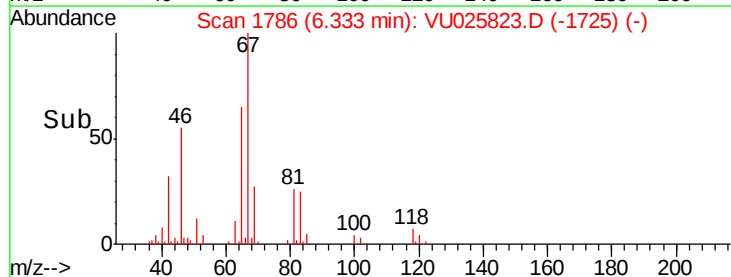
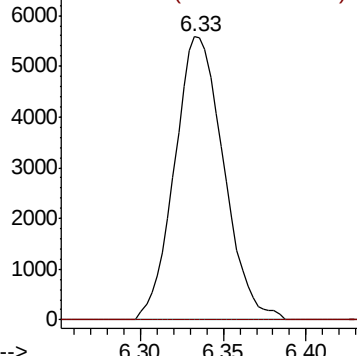
63 100

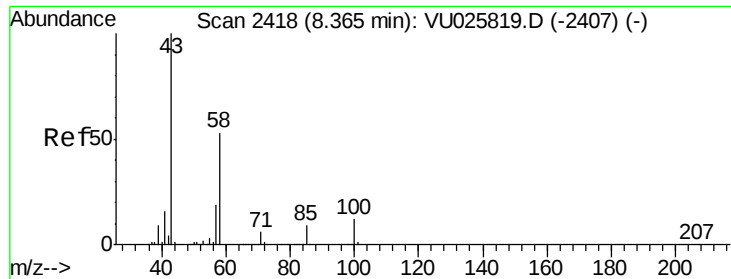
112 0.0 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#48

2-Hexanone

Concen: 4.266 ug/L

RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

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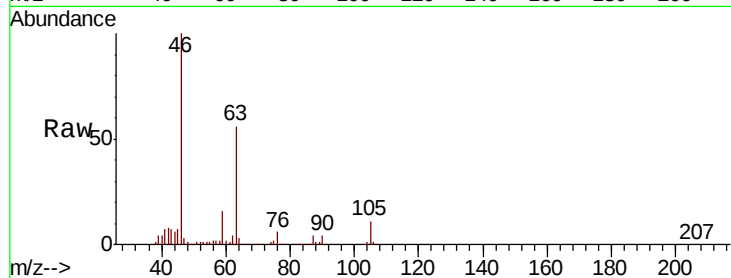
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Tgt Ion: 43 Resp: 10554

Ion Ratio Lower Upper

43 100

58 26.9 42.9 64.3#

57 26.8 15.4 23.2#

100 0.0 9.6 14.4#

