

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050318\
 Data File : VU023598.D
 Acq On : 03 May 2018 13:28
 Operator : MD/SY
 Sample : J2660-22
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 04 02:54:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 04 02:54:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	315135	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	302984	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	139561	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	87872	39.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.68%
7) Chloroethane-d5	1.68	69	72526	42.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.27	63	131997	30.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.62%
21) 2-Butanone-d5	4.18	46	197614	128.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	128.06%
24) Chloroform-d	4.65	84	185964	50.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.70%
26) 1,2-Dichloroethane-d4	5.31	65	126604	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.56%
32) Benzene-d6	5.35	84	373432	45.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.88%
36) 1,2-Dichloropropane-d6	6.34	67	133504	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.06%
41) Toluene-d8	7.57	98	332476	44.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.72%
43) trans-1,3-Dichloropropene-	7.85	79	49678	42.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.76%
47) 2-Hexanone-d5	8.31	63	134377	129.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	129.96%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	186493	52.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.90%
64) 1,2-Dichlorobenzene-d4	11.87	152	137684	50.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.14%

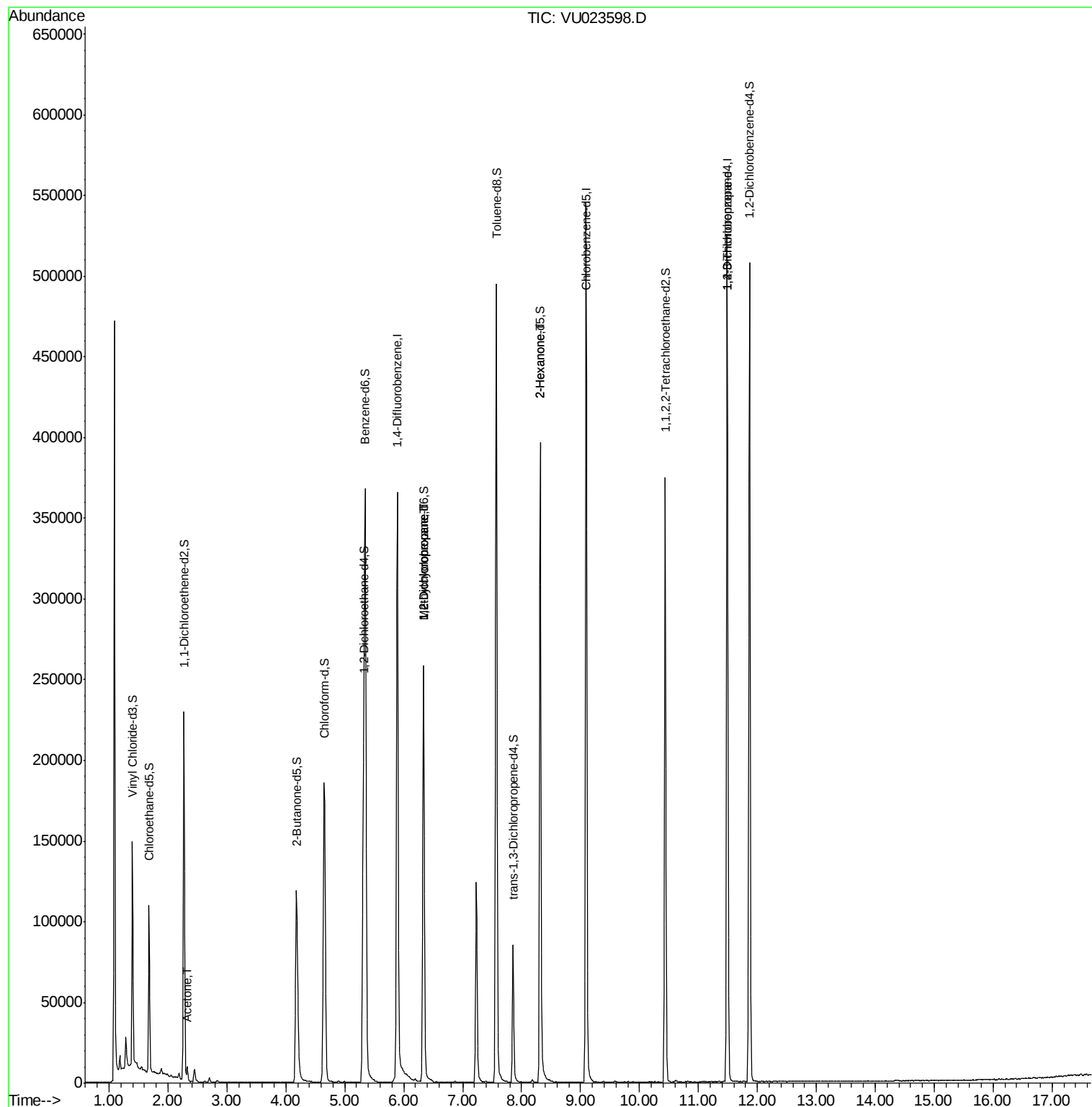
Target Compounds

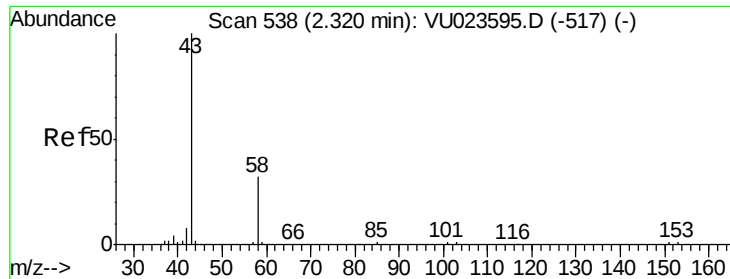
						Qvalue
13) Acetone	2.32	43	8036	3.50	ug/L	93
35) Methylcyclohexane	6.34	83	28766	6.72	ug/L #	17
37) 1,2-Dichloropropane	6.34	63	13398	4.38	ug/L #	89
48) 2-Hexanone	8.31	43	16679	5.13	ug/L #	66
59) 1,2,3-Trichloropropane	11.49	75	16826	4.98	ug/L	92

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

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#13

Acetone

Concen: 3.50 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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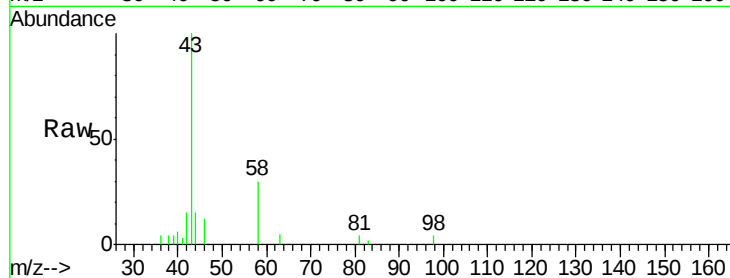
Acq: 03 May 2018 13:28

Tgt Ion: 43 Resp: 8036

Ion Ratio Lower Upper

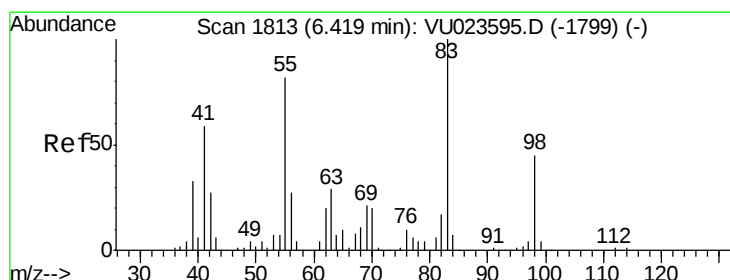
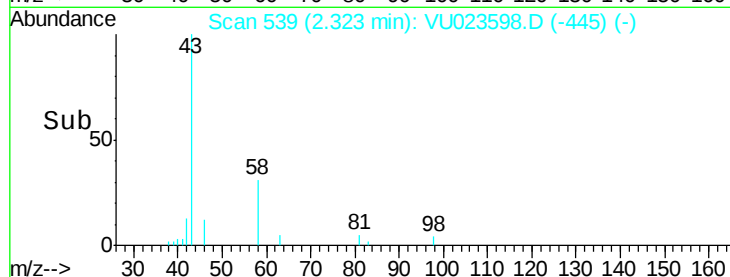
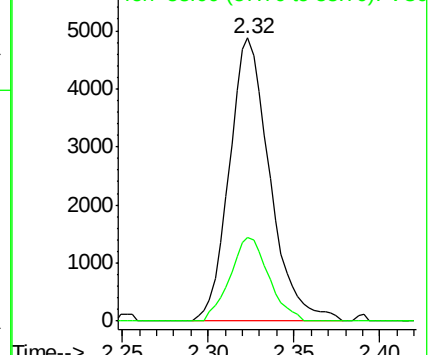
43 100

58 28.2 0.0 64.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#35

Methylcyclohexane

Concen: 6.72 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU023598.D

Acq: 03 May 2018 13:28

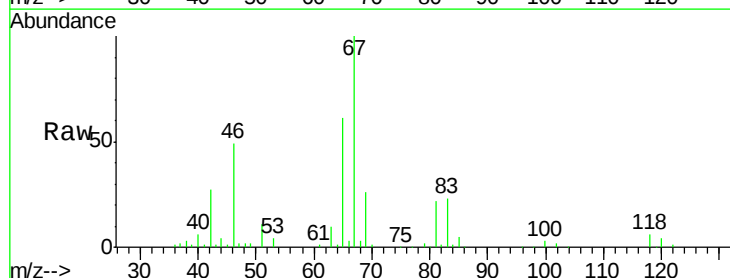
Tgt Ion: 83 Resp: 28766

Ion Ratio Lower Upper

83 100

55 0.0 66.7 100.1#

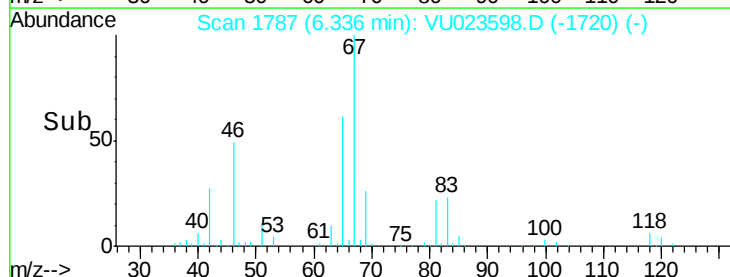
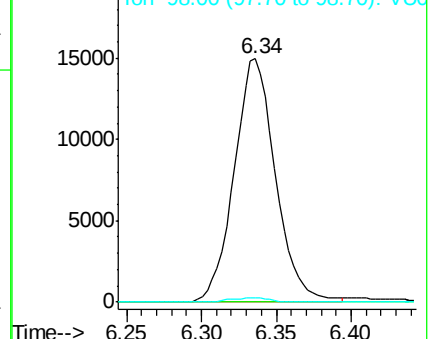
98 1.6 36.6 54.8#

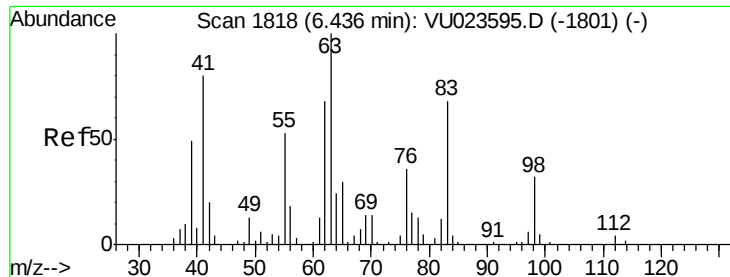


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

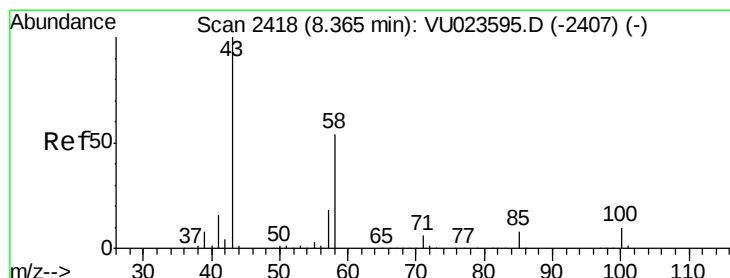
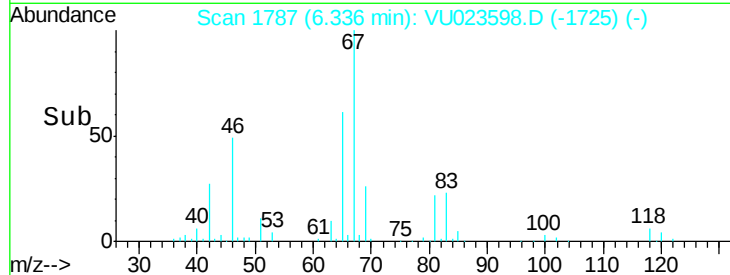
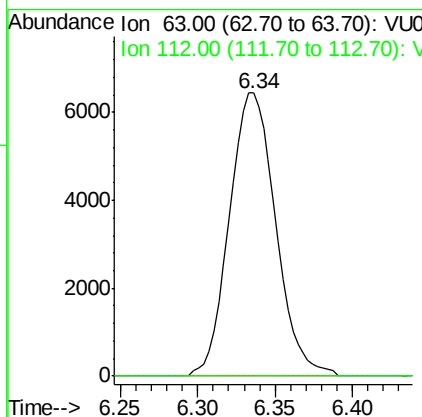
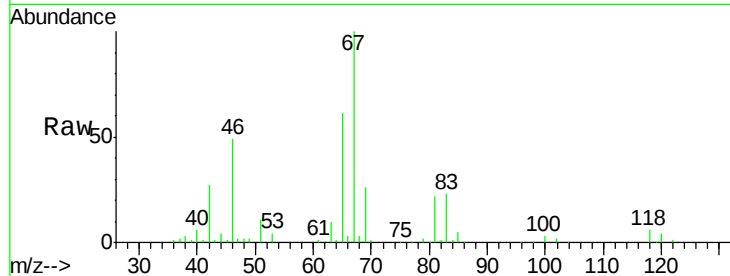
Ion 98.00 (97.70 to 98.70): VU0





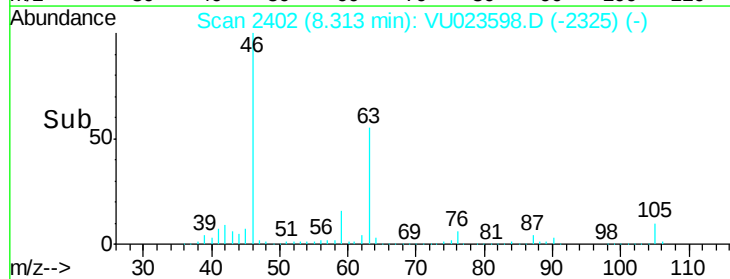
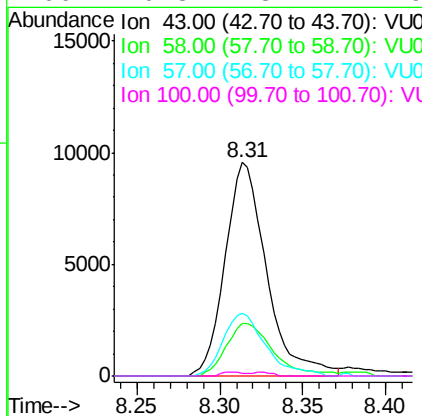
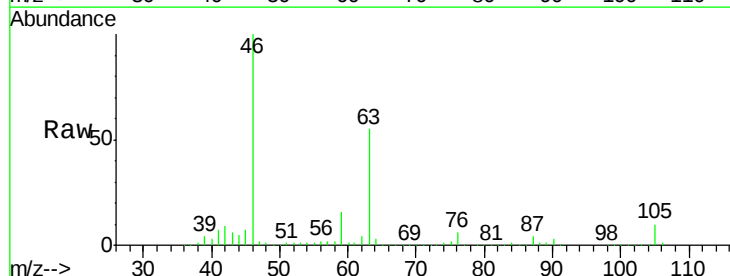
#37
 1,2-Dichloropropane
 Concen: 4.38 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
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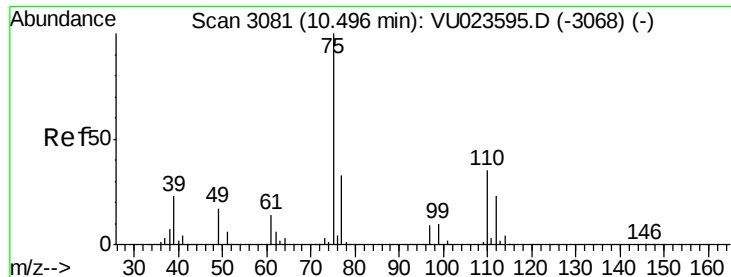
Tgt Ion: 63 Resp: 13398
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.1 4.7#



#48
 2-Hexanone
 Concen: 5.13 ug/L
 RT: 8.31 min Scan# 2402
 Delta R.T. -0.05 min
 Lab File: VU023598.D
 Acq: 03 May 2018 13:28

Tgt Ion: 43 Resp: 16679
 Ion Ratio Lower Upper
 43 100
 58 27.0 43.0 64.6#
 57 30.1 14.6 22.0#
 100 0.8 8.4 12.6#





#59

1,2,3-Trichloropropane

Concen: 4.98 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU023598.D

Acq: 03 May 2018 13:28

Tgt Ion: 75 Resp: 16826

Ion Ratio Lower Upper

75 100

77 36.7 25.9 38.9

