

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052218\
 Data File : VU024018.D
 Acq On : 22 May 2018 16:02
 Operator : MD/SY
 Sample : J3043-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 23 02:53:28 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 23 02:51:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	275970	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	274584	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	119707	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	92472	36.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.12%
7) Chloroethane-d5	1.68	69	78090	38.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.28%
11) 1,1-Dichloroethene-d2	2.27	63	139385	29.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.24%#
21) 2-Butanone-d5	4.18	46	190524	106.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.76%
24) Chloroform-d	4.65	84	180843	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.31	65	126881	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.54%
32) Benzene-d6	5.35	84	362165	45.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.36%
36) 1,2-Dichloropropane-d6	6.34	67	131223	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.94%
41) Toluene-d8	7.57	98	321071	43.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.96%
43) trans-1,3-Dichloropropene-	7.85	79	51533	45.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.50%
47) 2-Hexanone-d5	8.31	63	131506	105.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.38%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	188544	49.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.90%
64) 1,2-Dichlorobenzene-d4	11.87	152	134291	51.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.88%

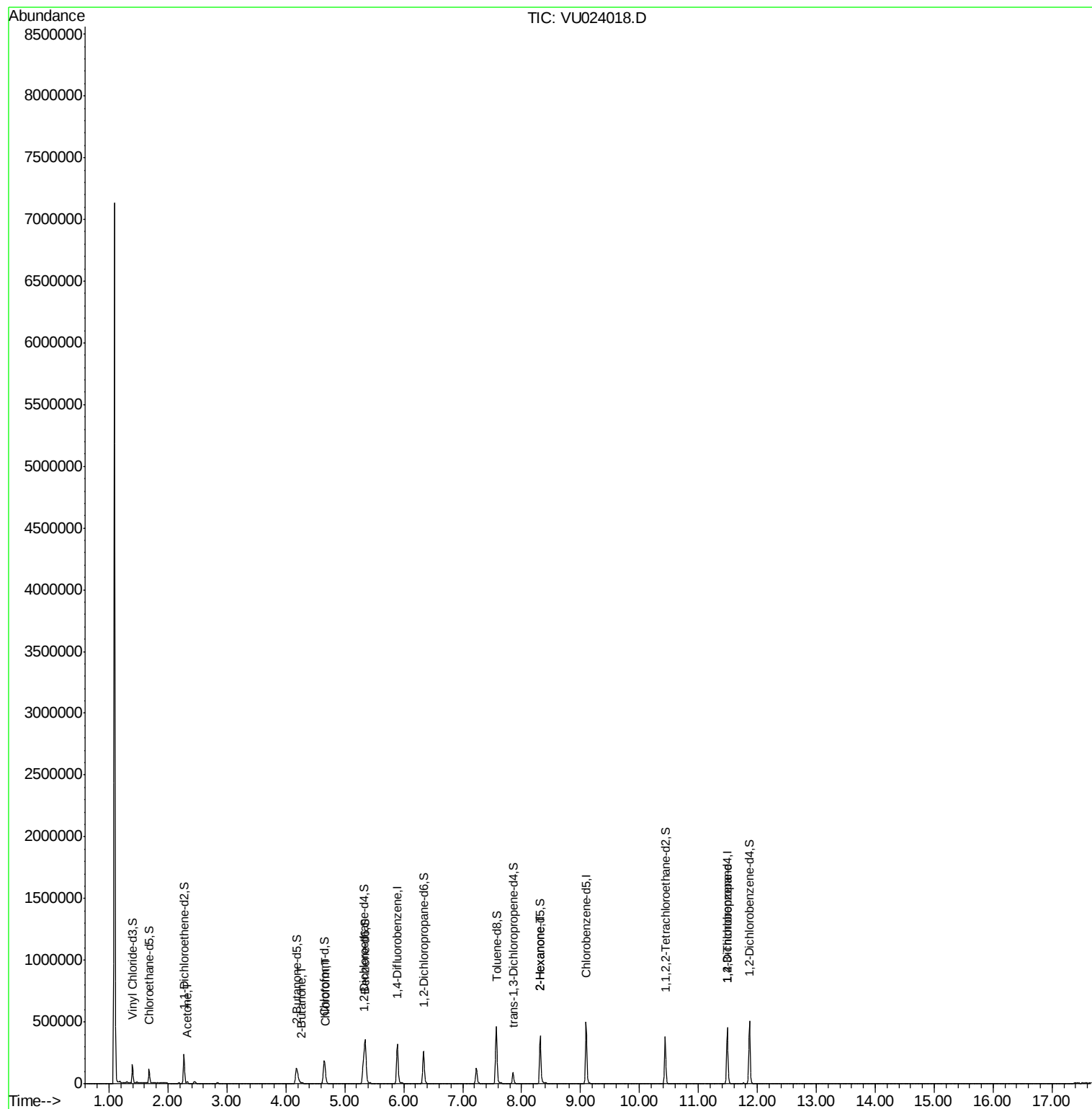
Target Compounds

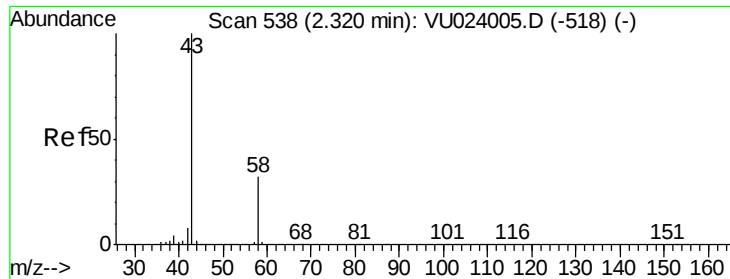
						Qvalue
13) Acetone	2.32	43	13407	7.46	ug/L	95
22) 2-Butanone	4.28	43	3150	1.44	ug/L	# 60
25) Chloroform	4.68	83	7615	1.74	ug/L	85
48) 2-Hexanone	8.31	43	16682	5.45	ug/L	# 69
59) 1,2,3-Trichloropropane	11.49	75	15300	4.41	ug/L	91

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

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#13

Acetone

Concen: 7.46 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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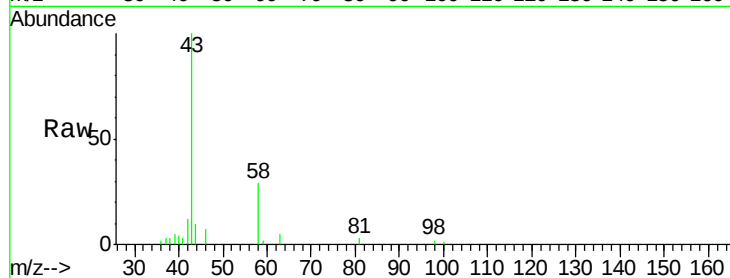
Acq: 22 May 2018 16:02

Tgt Ion: 43 Resp: 13407

Ion Ratio Lower Upper

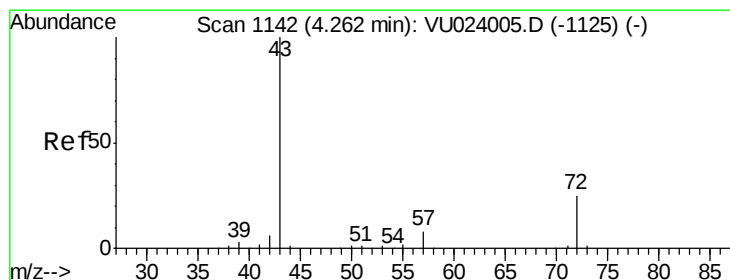
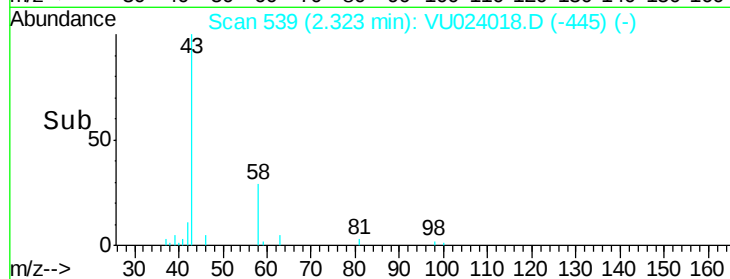
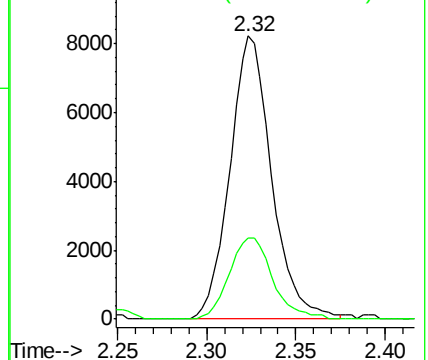
43 100 0.0 65.6

58 30.0 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#22

2-Butanone

Concen: 1.44 ug/L

RT: 4.28 min Scan# 1147

Delta R.T. 0.02 min

Lab File: VU024018.D

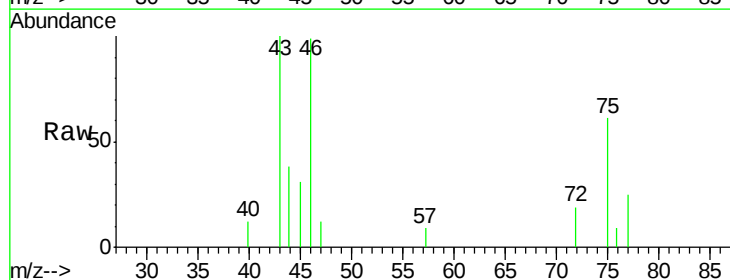
Acq: 22 May 2018 16:02

Tgt Ion: 43 Resp: 3150

Ion Ratio Lower Upper

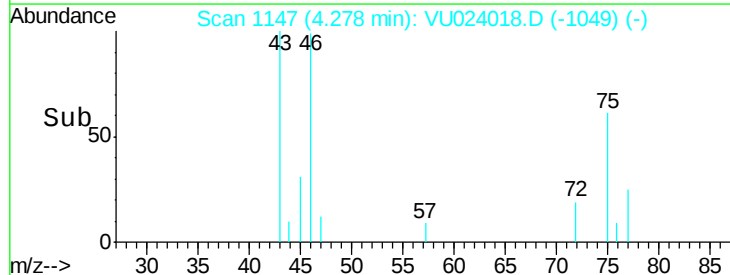
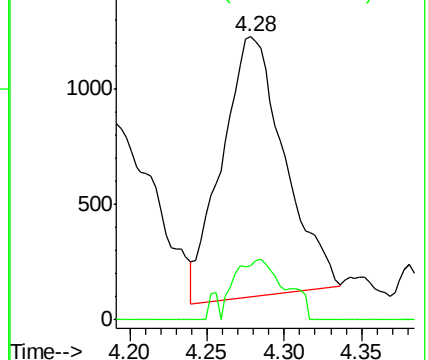
43 100 12.8 38.4#

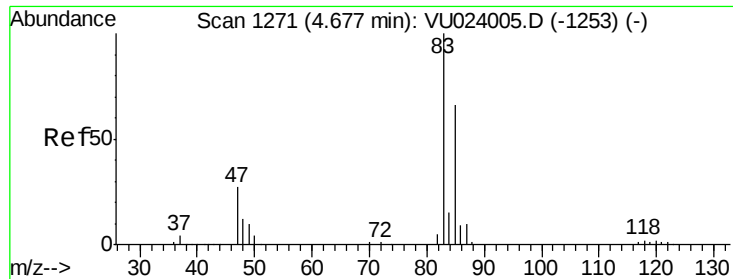
72 5.5 12.8 38.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0





#25

Chloroform

Concen: 1.74 ug/L

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU024018.D

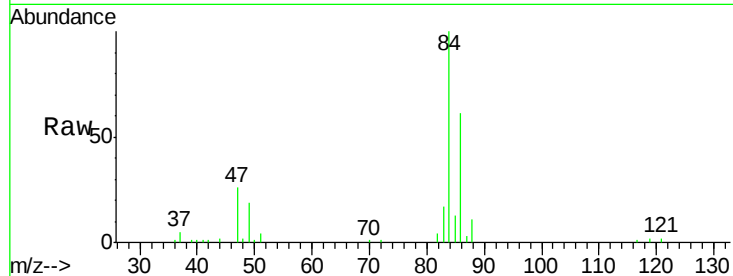
Acq: 22 May 2018 16:02

Tgt Ion: 83 Resp: 7615

Ion Ratio Lower Upper

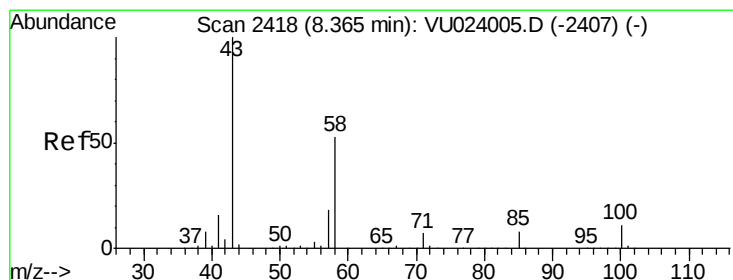
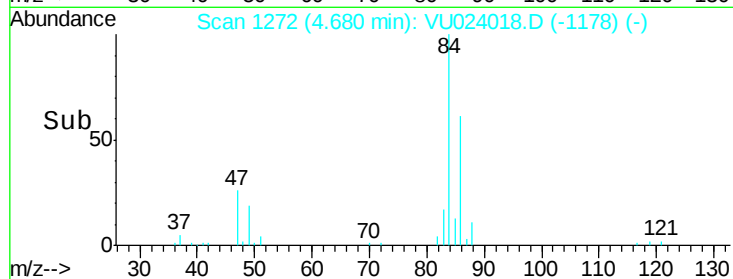
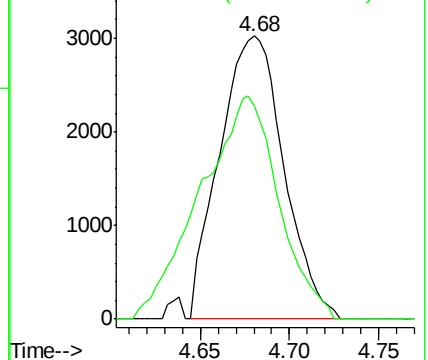
83 100

85 75.2 44.4 82.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#48

2-Hexanone

Concen: 5.45 ug/L

RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

Lab File: VU024018.D

Acq: 22 May 2018 16:02

Tgt Ion: 43 Resp: 16682

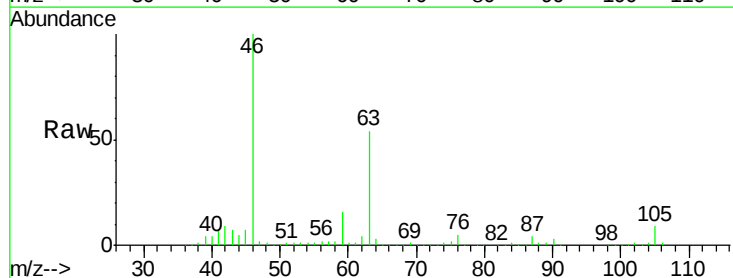
Ion Ratio Lower Upper

43 100

58 30.5 42.6 63.8#

57 32.9 14.9 22.3#

100 2.6 8.5 12.7#

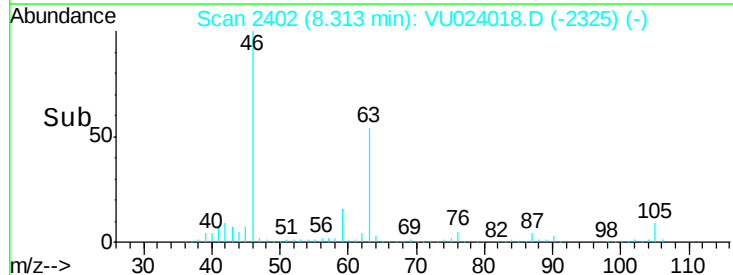
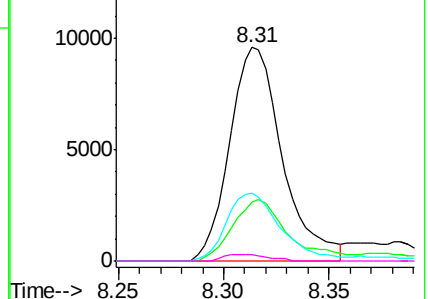


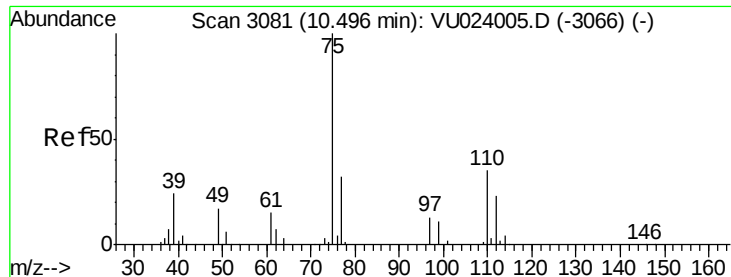
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.41 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024018.D

Acq: 22 May 2018 16:02

Tgt Ion: 75 Resp: 15300

Ion Ratio Lower Upper

75 100

77 38.1 26.2 39.4

