

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052218\
 Data File : VU024025.D
 Acq On : 22 May 2018 19:27
 Operator : MD/SY
 Sample : J3043-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 23 02:54:25 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	277425	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	283019	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	127577	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	84152	32.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.28%
7) Chloroethane-d5	1.68	69	73383	36.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.24%
11) 1,1-Dichloroethene-d2	2.27	63	128294	27.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.24%#
21) 2-Butanone-d5	4.18	46	188876	105.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.28%
24) Chloroform-d	4.65	84	167713	42.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.24%
26) 1,2-Dichloroethane-d4	5.31	65	122612	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.72%
32) Benzene-d6	5.35	84	342913	41.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.02%
36) 1,2-Dichloropropane-d6	6.34	67	125564	45.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.00%
41) Toluene-d8	7.57	98	299969	39.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.82%#
43) trans-1,3-Dichloropropene-	7.85	79	49148	41.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.74%
47) 2-Hexanone-d5	8.31	63	132003	102.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.62%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	183295	46.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.28%
64) 1,2-Dichlorobenzene-d4	11.87	152	131465	47.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.42%

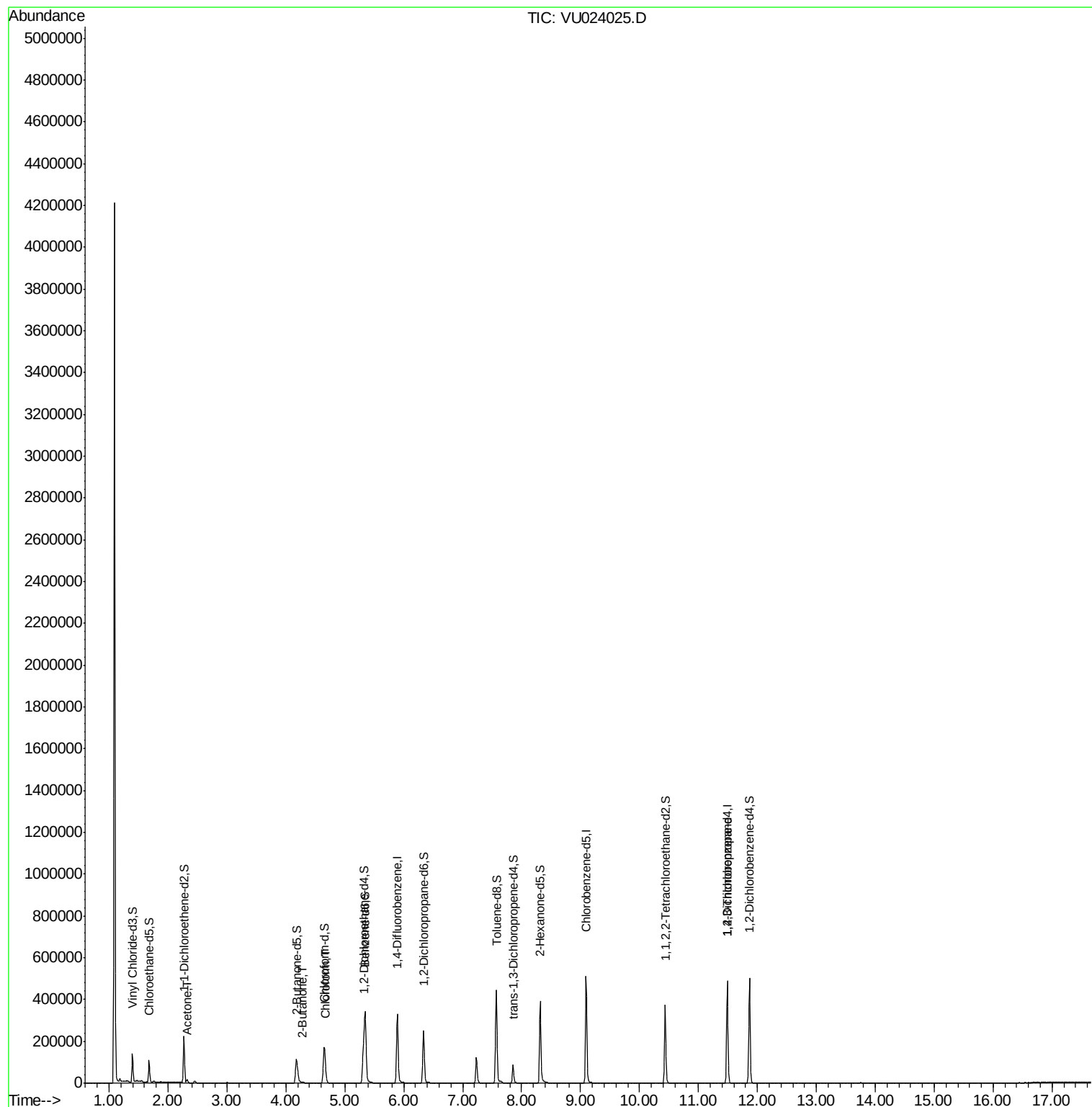
Target Compounds

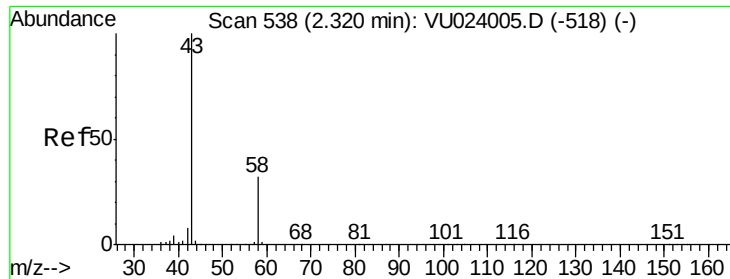
						Qvalue
13) Acetone	2.32	43	15771	8.73	ug/L	96
22) 2-Butanone	4.28	43	3585	1.63	ug/L	82
25) Chloroform	4.68	83	13009	2.96	ug/L	95
59) 1,2,3-Trichloropropane	11.49	75	15523	4.34	ug/L	92

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

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#13

Acetone

Concen: 8.73 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024025.D

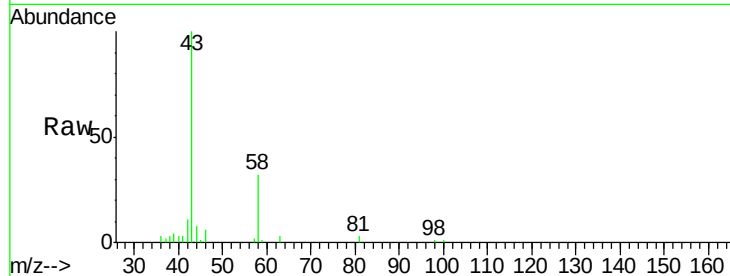
Acq: 22 May 2018 19:27

Tgt Ion: 43 Resp: 15771

Ion Ratio Lower Upper

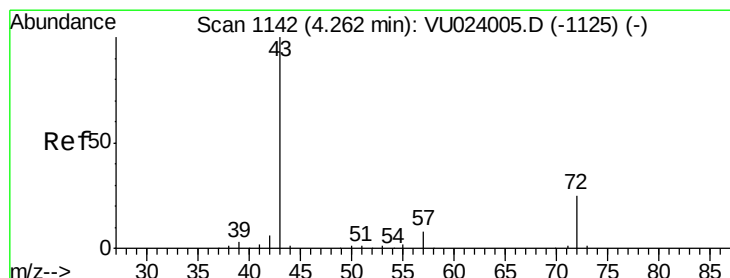
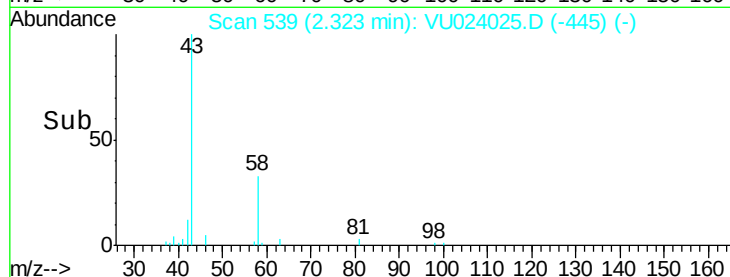
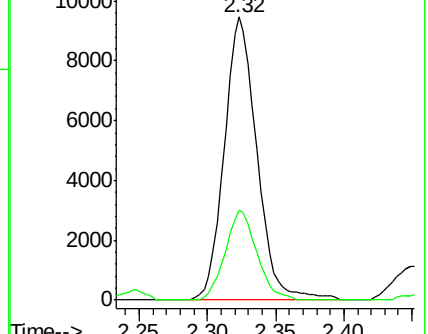
43 100

58 30.8 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: 1.63 ug/L

RT: 4.28 min Scan# 1147

Delta R.T. 0.02 min

Lab File: VU024025.D

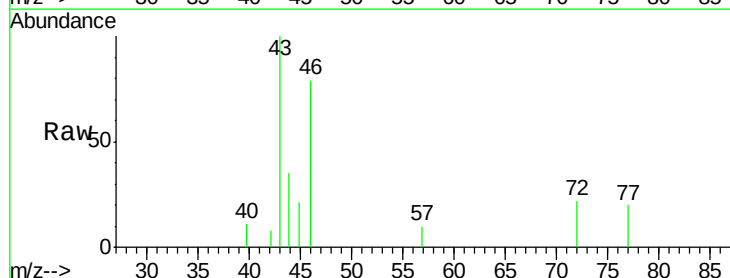
Acq: 22 May 2018 19:27

Tgt Ion: 43 Resp: 3585

Ion Ratio Lower Upper

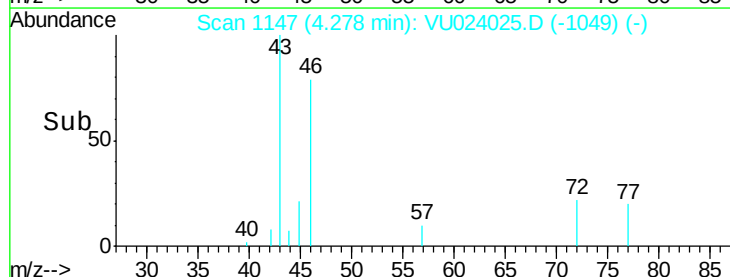
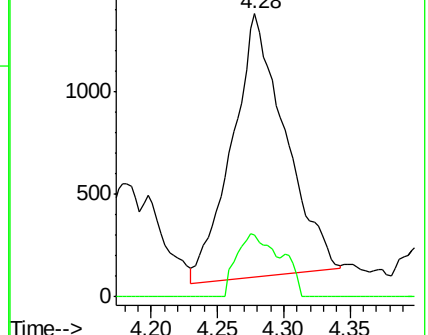
43 100

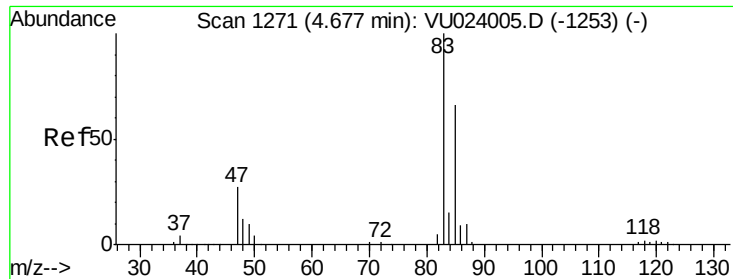
72 16.4 12.8 38.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

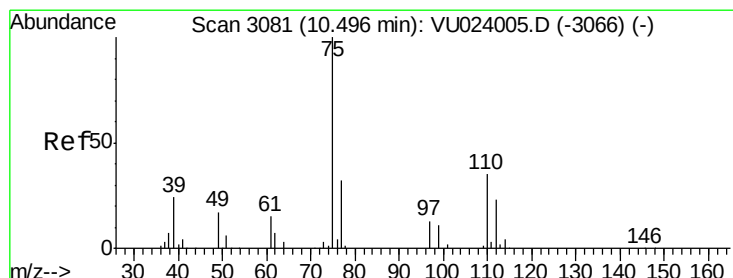
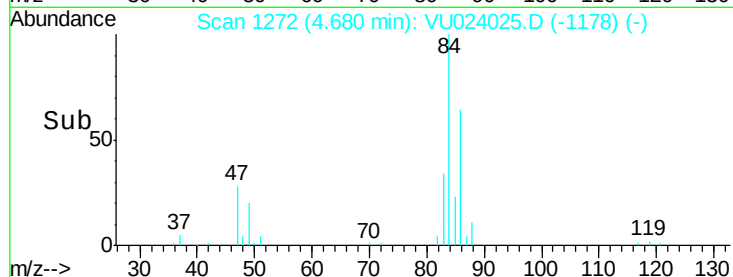
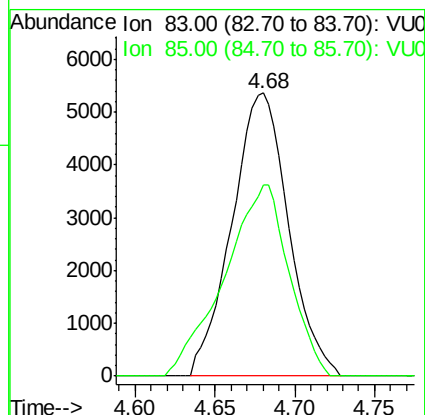
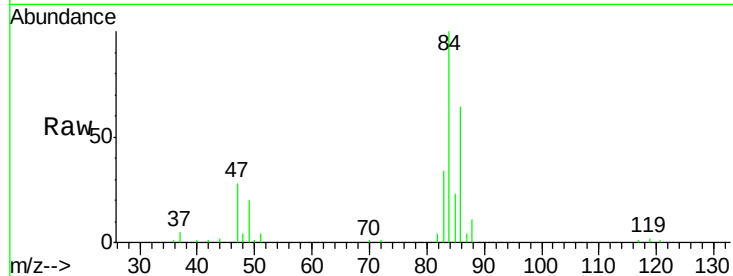
Ion 72.00 (71.70 to 72.70): VU0





#25
Chloroform
Concen: 2.96 ug/L
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU024025.D
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Tgt Ion: 83 Resp: 13009
Ion Ratio Lower Upper
83 100
85 67.3 44.4 82.5



#59
1,2,3-Trichloropropane
Concen: 4.34 ug/L
RT: 11.49 min Scan# 3389
Delta R.T. 0.99 min
Lab File: VU024025.D
Acq: 22 May 2018 19:27

Tgt Ion: 75 Resp: 15523
Ion Ratio Lower Upper
75 100
77 37.3 26.2 39.4

