

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052118\
 Data File : VU024002.D
 Acq On : 22 May 2018 05:45
 Operator : MD/SY
 Sample : J3031-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Quant Time: May 22 06:05:59 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 22 02:00:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	264093	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	264859	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	111051	50.00	ug/L	0.00

System Monitoring Compounds

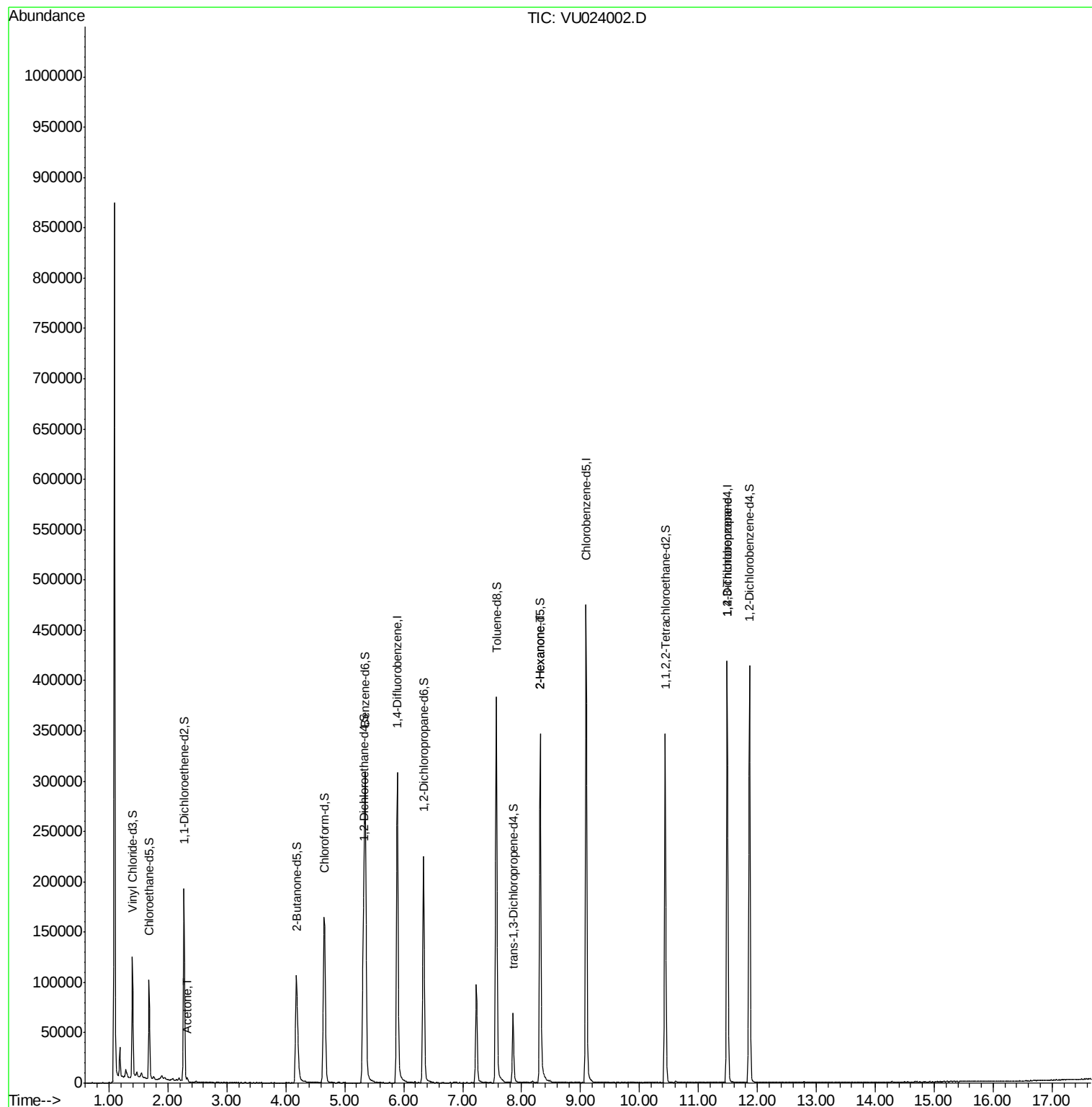
4) Vinyl Chloride-d3	1.40	65	71037	28.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.90%#
7) Chloroethane-d5	1.68	69	65844	34.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.10%#
11) 1,1-Dichloroethene-d2	2.27	63	111713	24.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.62%#
21) 2-Butanone-d5	4.18	46	171928	100.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.67%
24) Chloroform-d	4.65	84	164663	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.92%
26) 1,2-Dichloroethane-d4	5.31	65	113824	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.38%
32) Benzene-d6	5.35	84	307779	39.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.62%
36) 1,2-Dichloropropane-d6	6.34	67	115376	44.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.36%
41) Toluene-d8	7.57	98	257935	36.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.42%#
43) trans-1,3-Dichloropropene-	7.85	79	39249	35.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.46%
47) 2-Hexanone-d5	8.31	63	116066	96.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.42%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	170582	46.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.76%
64) 1,2-Dichlorobenzene-d4	11.87	152	110914	46.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.48%

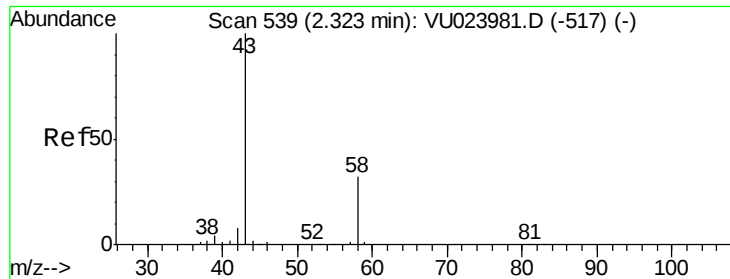
Target Compounds						Qvalue
13) Acetone	2.33	43	3474	2.02	ug/L	90
48) 2-Hexanone	8.31	43	14338	4.86	ug/L #	69
59) 1,2,3-Trichloropropane	11.49	75	13708	4.10	ug/L #	87

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

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#13

Acetone

Concen: 2.02 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU024002.D

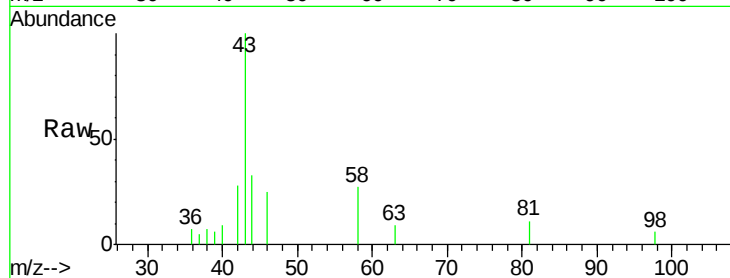
Acq: 22 May 2018 05:45

Tgt Ion: 43 Resp: 3474

Ion Ratio Lower Upper

43 100

58 27.3 0.0 65.6



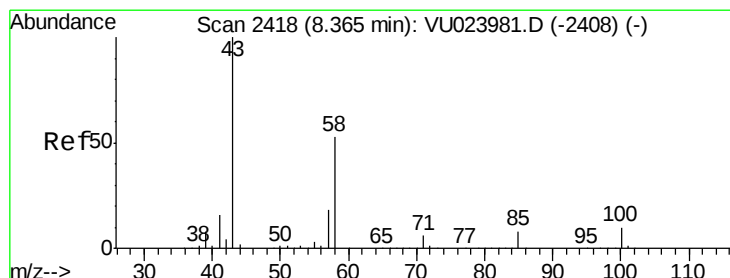
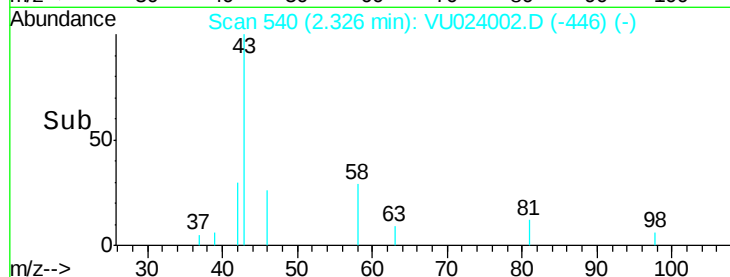
Abundance Ion 43.00 (42.70 to 43.70): VU023981.D (-517) (-)

Ion 58.00 (57.70 to 58.70): VU023981.D (-517) (-)

2.33

2.30 2.35

Time-->



#48

2-Hexanone

Concen: 4.86 ug/L

RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

Lab File: VU024002.D

Acq: 22 May 2018 05:45

Tgt Ion: 43 Resp: 14338

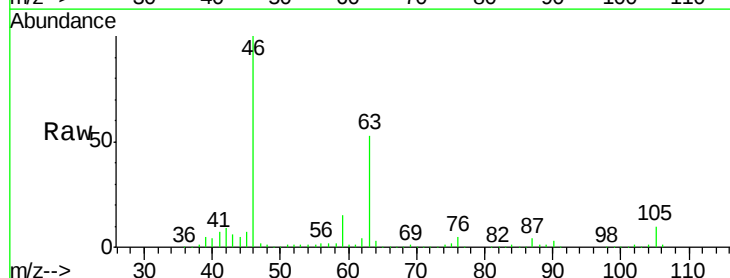
Ion Ratio Lower Upper

43 100

58 29.8 42.6 63.8#

57 32.4 14.9 22.3#

100 2.7 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VU023981.D (-2408) (-)

Ion 58.00 (57.70 to 58.70): VU023981.D (-2408) (-)

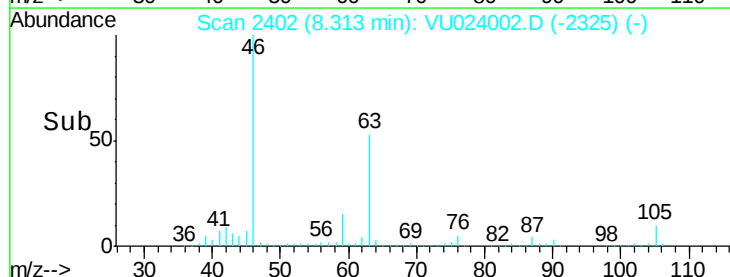
Ion 57.00 (56.70 to 57.70): VU023981.D (-2408) (-)

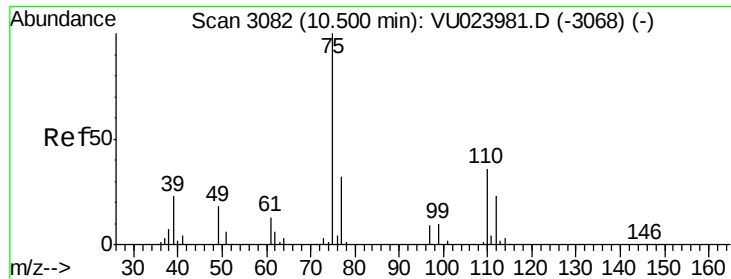
Ion 100.00 (99.70 to 100.70): VU023981.D (-2408) (-)

8.31

8.25 8.30 8.35

Time-->





#59

1,2,3-Trichloropropane

Concen: 4.10 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024002.D

Acq: 22 May 2018 05:45

Tgt Ion: 75 Resp: 13708

Ion Ratio Lower Upper

75 100

77 39.9 26.2 39.4#

