

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052218\
 Data File : VU024017.D
 Acq On : 22 May 2018 15:36
 Operator : MD/SY
 Sample : J3043-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 23 02:53:20 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	254294	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	260385	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	115070	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	91018	38.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.04%
7) Chloroethane-d5	1.68	69	77620	41.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.38%
11) 1,1-Dichloroethene-d2	2.27	63	135462	31.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.48%
21) 2-Butanone-d5	4.18	46	179873	109.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.39%
24) Chloroform-d	4.65	84	183854	50.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.96%
26) 1,2-Dichloroethane-d4	5.31	65	127031	53.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.06%
32) Benzene-d6	5.35	84	355806	46.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.62%
36) 1,2-Dichloropropane-d6	6.34	67	128371	50.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.00%
41) Toluene-d8	7.57	98	316621	45.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.42%
43) trans-1,3-Dichloropropene-	7.85	79	50465	46.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.46%
47) 2-Hexanone-d5	8.31	63	127794	107.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.99%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	185791	51.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.78%
64) 1,2-Dichlorobenzene-d4	11.87	152	135599	54.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.12%

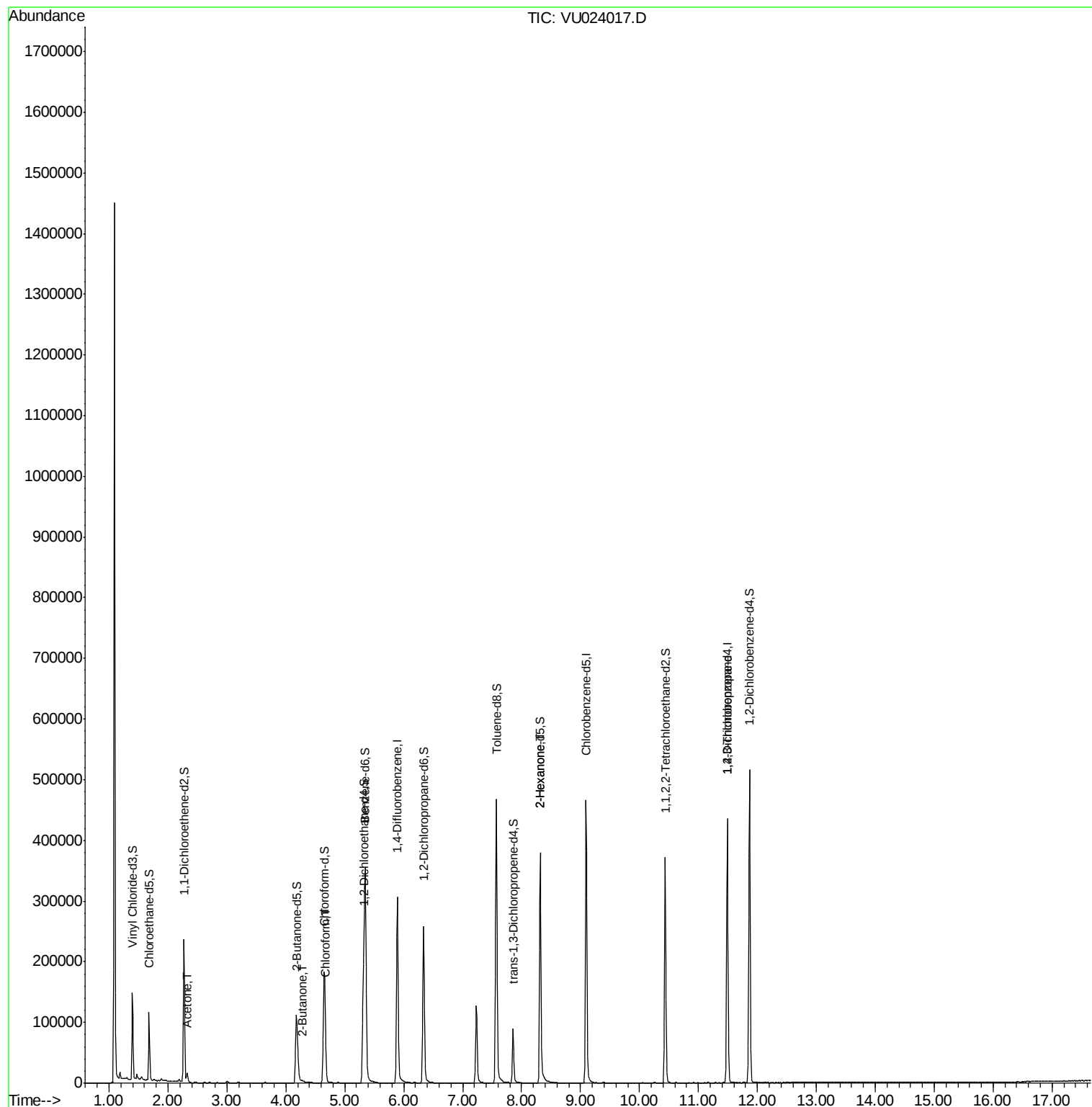
Target Compounds

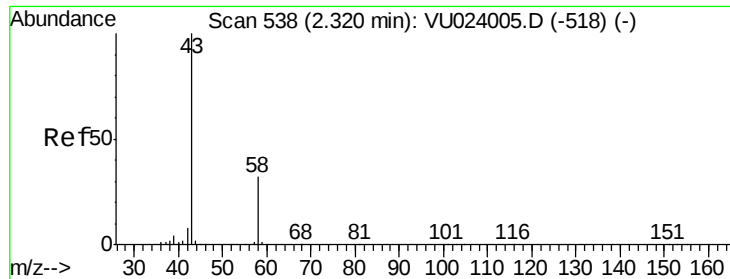
						Qvalue
13) Acetone	2.32	43	15739	9.50	ug/L	96
22) 2-Butanone	4.28	43	2844	1.41	ug/L	95
25) Chloroform	4.68	83	4727	1.17	ug/L	86
48) 2-Hexanone	8.31	43	16538	5.70	ug/L #	66
59) 1,2,3-Trichloropropane	11.49	75	13774	4.19	ug/L	91

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

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#13

Acetone

Concen: 9.50 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024017.D

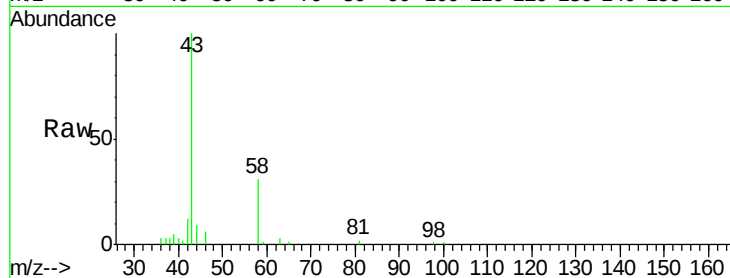
Acq: 22 May 2018 15:36

Tgt Ion: 43 Resp: 15739

Ion Ratio Lower Upper

43 100

58 30.5 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

10000

8000

6000

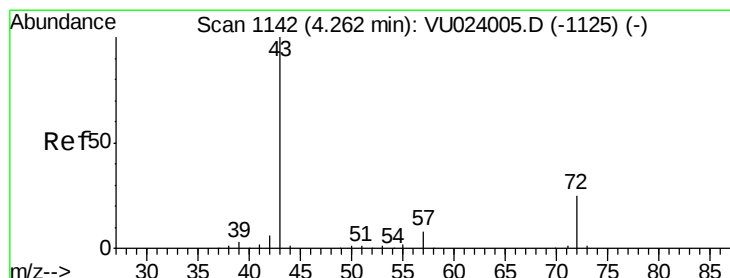
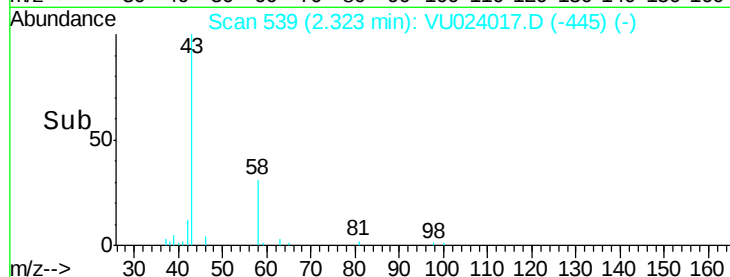
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#22

2-Butanone

Concen: 1.41 ug/L

RT: 4.28 min Scan# 1149

Delta R.T. 0.02 min

Lab File: VU024017.D

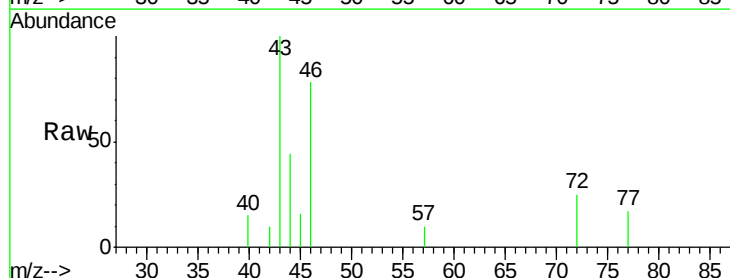
Acq: 22 May 2018 15:36

Tgt Ion: 43 Resp: 2844

Ion Ratio Lower Upper

43 100

72 27.9 12.8 38.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.28

1500

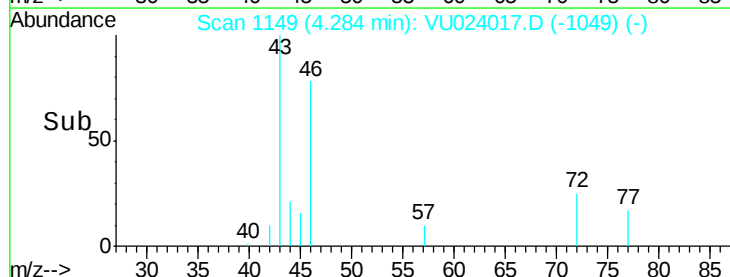
1000

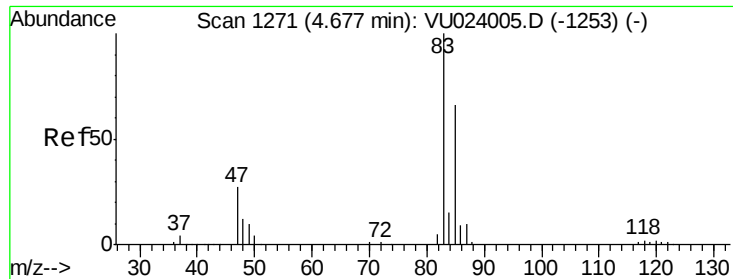
500

0

Time-->

4.20 4.25 4.30





#25

Chloroform

Concen: 1.17 ug/L

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU024017.D

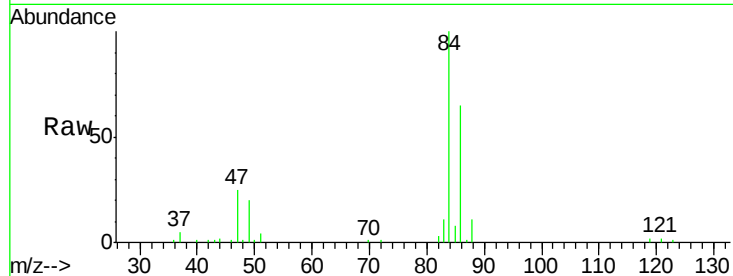
Acq: 22 May 2018 15:36

Tgt Ion: 83 Resp: 4727

Ion Ratio Lower Upper

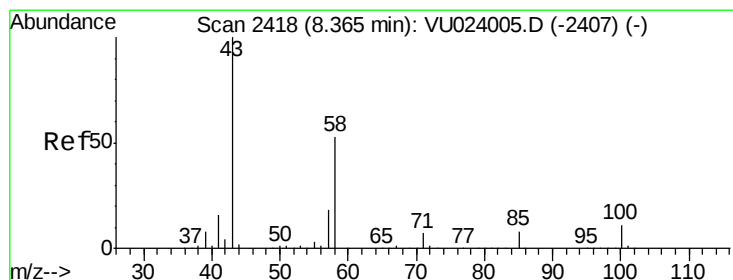
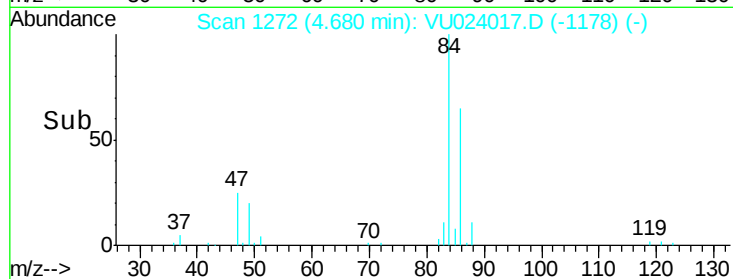
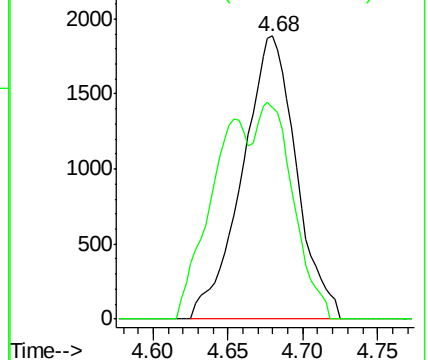
83 100

85 74.6 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: 5.70 ug/L

RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

Lab File: VU024017.D

Acq: 22 May 2018 15:36

Tgt Ion: 43 Resp: 16538

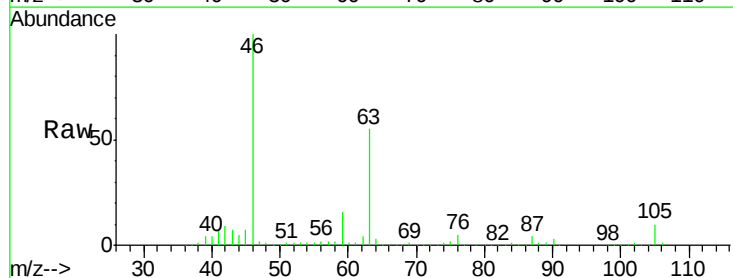
Ion Ratio Lower Upper

43 100

58 27.6 42.6 63.8#

57 33.4 14.9 22.3#

100 0.9 8.5 12.7#

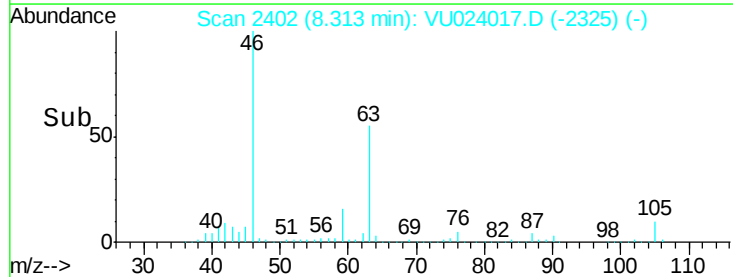
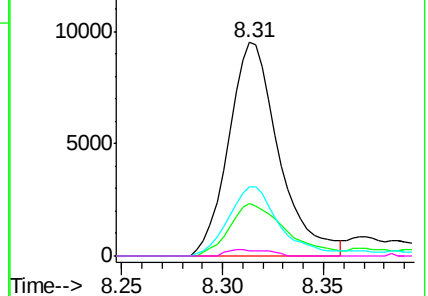


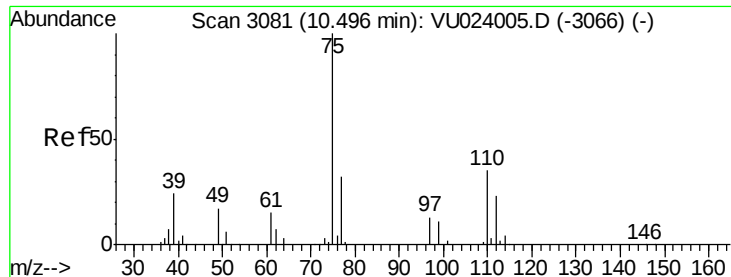
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 4.19 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024017.D

Acq: 22 May 2018 15:36

Tgt Ion: 75 Resp: 13774

Ion Ratio Lower Upper

75 100

77 37.9 26.2 39.4

