

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052218\
 Data File : VU024007.D
 Acq On : 22 May 2018 11:16
 Operator : MD/SY
 Sample : J2959-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 23 02:51:58 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	264146	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	265461	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	120552	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	103277	42.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.16%
7) Chloroethane-d5	1.68	69	85915	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.84%
11) 1,1-Dichloroethene-d2	2.27	63	154938	34.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.80%
21) 2-Butanone-d5	4.18	46	182733	106.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.98%
24) Chloroform-d	4.65	84	199953	53.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.74%
26) 1,2-Dichloroethane-d4	5.31	65	138218	56.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.14%
32) Benzene-d6	5.35	84	396978	51.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.46%
36) 1,2-Dichloropropane-d6	6.34	67	141261	53.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.94%
41) Toluene-d8	7.57	98	362958	50.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.68%
43) trans-1,3-Dichloropropene-	7.85	79	57114	51.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.76%
47) 2-Hexanone-d5	8.31	63	128338	106.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.37%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	195949	53.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.32%
64) 1,2-Dichlorobenzene-d4	11.87	152	151275	58.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.20%

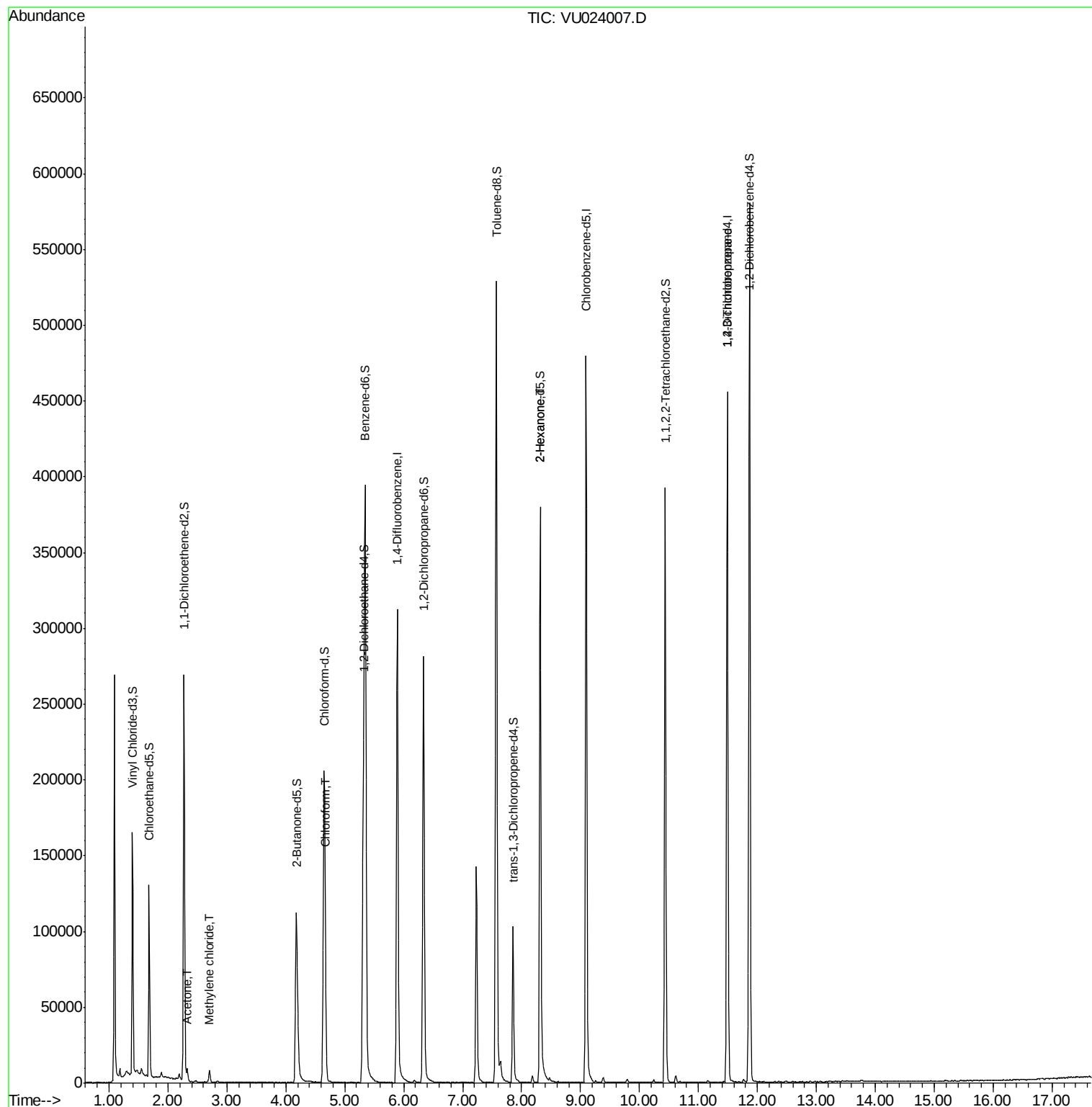
Target Compounds

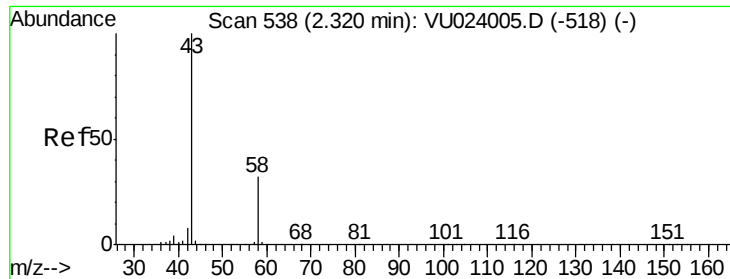
						Qvalue
13) Acetone	2.32	43	7179	4.17	ug/L	99
16) Methylene chloride	2.70	84	3394	1.45	ug/L	89
25) Chloroform	4.68	83	5682	1.36	ug/L	94
48) 2-Hexanone	8.31	43	16200	5.48	ug/L #	67
59) 1,2,3-Trichloropropane	11.49	75	15382	4.59	ug/L	93

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

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#13

Acetone

Concen: 4.17 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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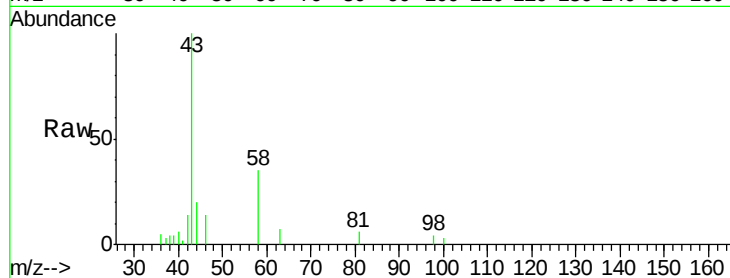
Acq: 22 May 2018 11:16

Tgt Ion: 43 Resp: 7179

Ion Ratio Lower Upper

43 100

58 32.3 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

4000

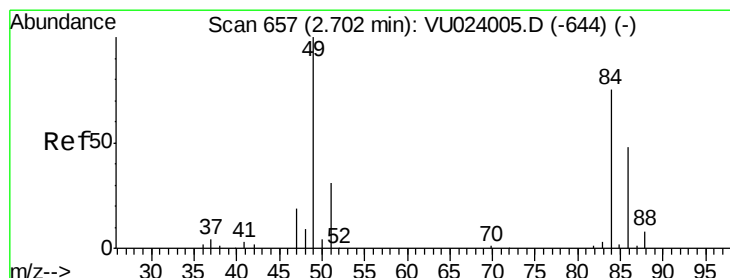
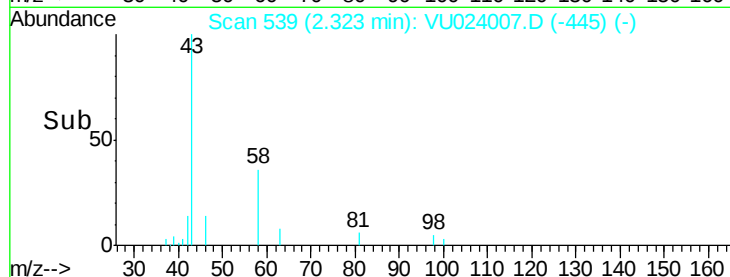
3000

2000

1000

0

Time--> 2.25 2.30 2.35



#16

Methylene chloride

Concen: 1.45 ug/L

RT: 2.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: VU024007.D

Acq: 22 May 2018 11:16

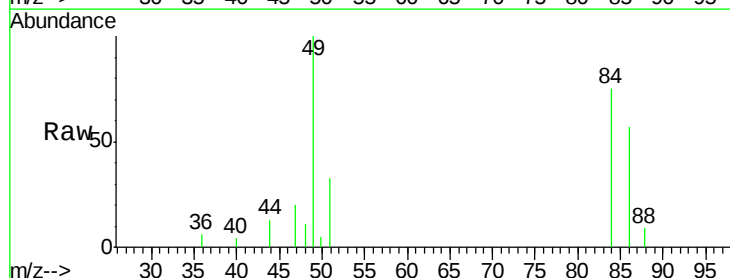
Tgt Ion: 84 Resp: 3394

Ion Ratio Lower Upper

84 100

86 76.4 44.6 82.8

49 134.0 87.6 162.6



Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

2.70

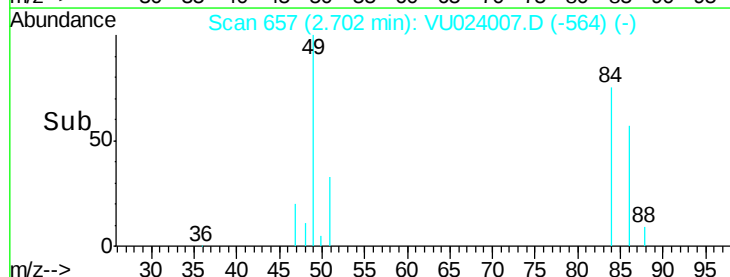
3000

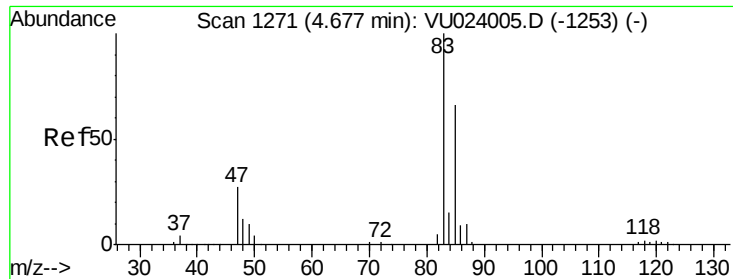
2000

1000

0

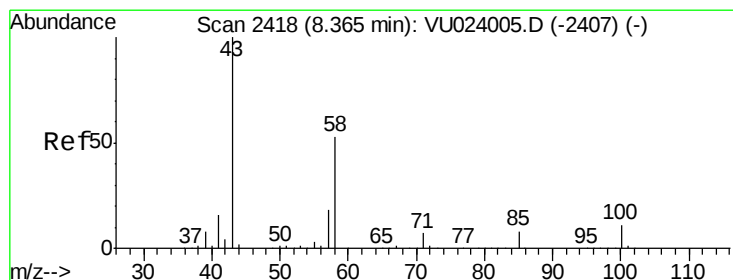
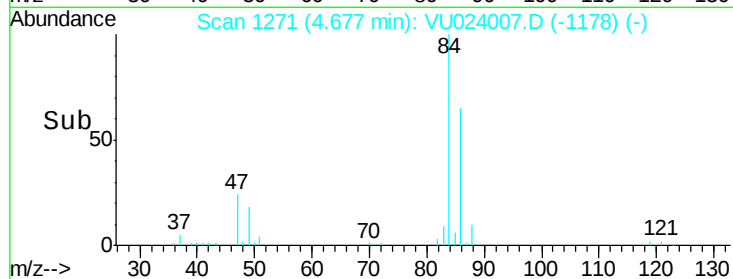
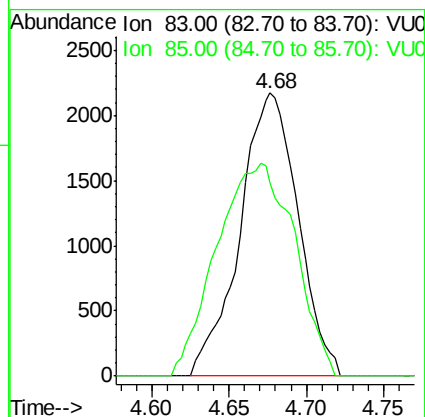
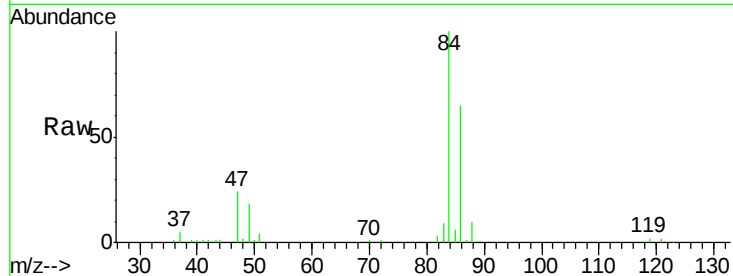
Time--> 2.65 2.70 2.75





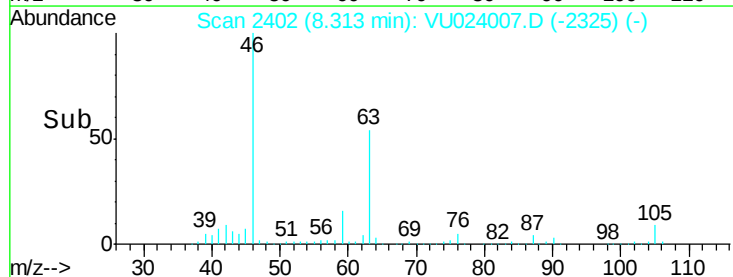
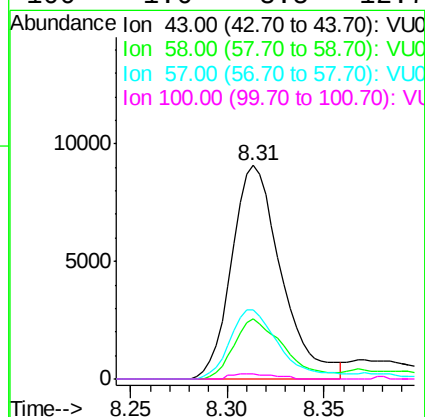
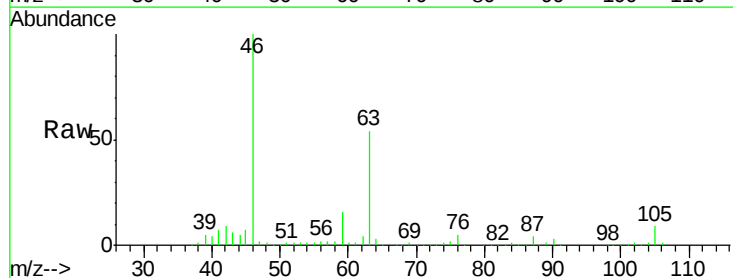
#25
Chloroform
Concen: 1.36 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
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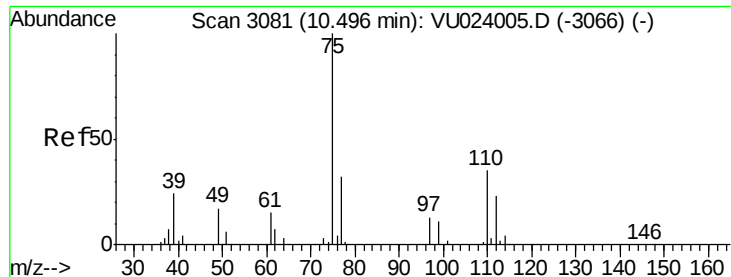
Tgt Ion: 83 Resp: 5682
Ion Ratio Lower Upper
83 100
85 68.4 44.4 82.5



#48
2-Hexanone
Concen: 5.48 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU024007.D
Acq: 22 May 2018 11:16

Tgt Ion: 43 Resp: 16200
Ion Ratio Lower Upper
43 100
58 28.5 42.6 63.8#
57 32.4 14.9 22.3#
100 1.6 8.5 12.7#





#59

1,2,3-Trichloropropane

Concen: 4.59 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024007.D

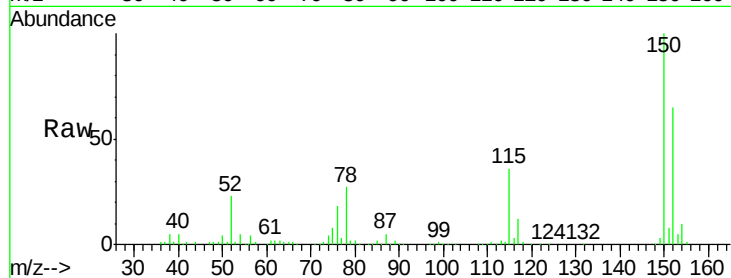
Acq: 22 May 2018 11:16

Tgt Ion: 75 Resp: 15382

Ion Ratio Lower Upper

75 100

77 36.7 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

