

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052218\
 Data File : VU024008.D
 Acq On : 22 May 2018 11:41
 Operator : MD/SY
 Sample : J3031-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 23 02:52:06 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	244511	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	248663	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	109410	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	97034	42.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.42%
7) Chloroethane-d5	1.68	69	81964	45.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.56%
11) 1,1-Dichloroethene-d2	2.27	63	145944	35.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.02%
21) 2-Butanone-d5	4.18	46	184744	116.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.84%
24) Chloroform-d	4.65	84	187763	54.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.28%
26) 1,2-Dichloroethane-d4	5.31	65	131043	57.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.86%
32) Benzene-d6	5.35	84	370347	51.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.04%
36) 1,2-Dichloropropane-d6	6.34	67	132735	54.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.28%
41) Toluene-d8	7.57	98	336060	50.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.50%
43) trans-1,3-Dichloropropene-	7.85	79	52832	51.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.46%
47) 2-Hexanone-d5	8.31	63	130336	115.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.33%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	188483	54.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.18%
64) 1,2-Dichlorobenzene-d4	11.87	152	140210	59.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.68%

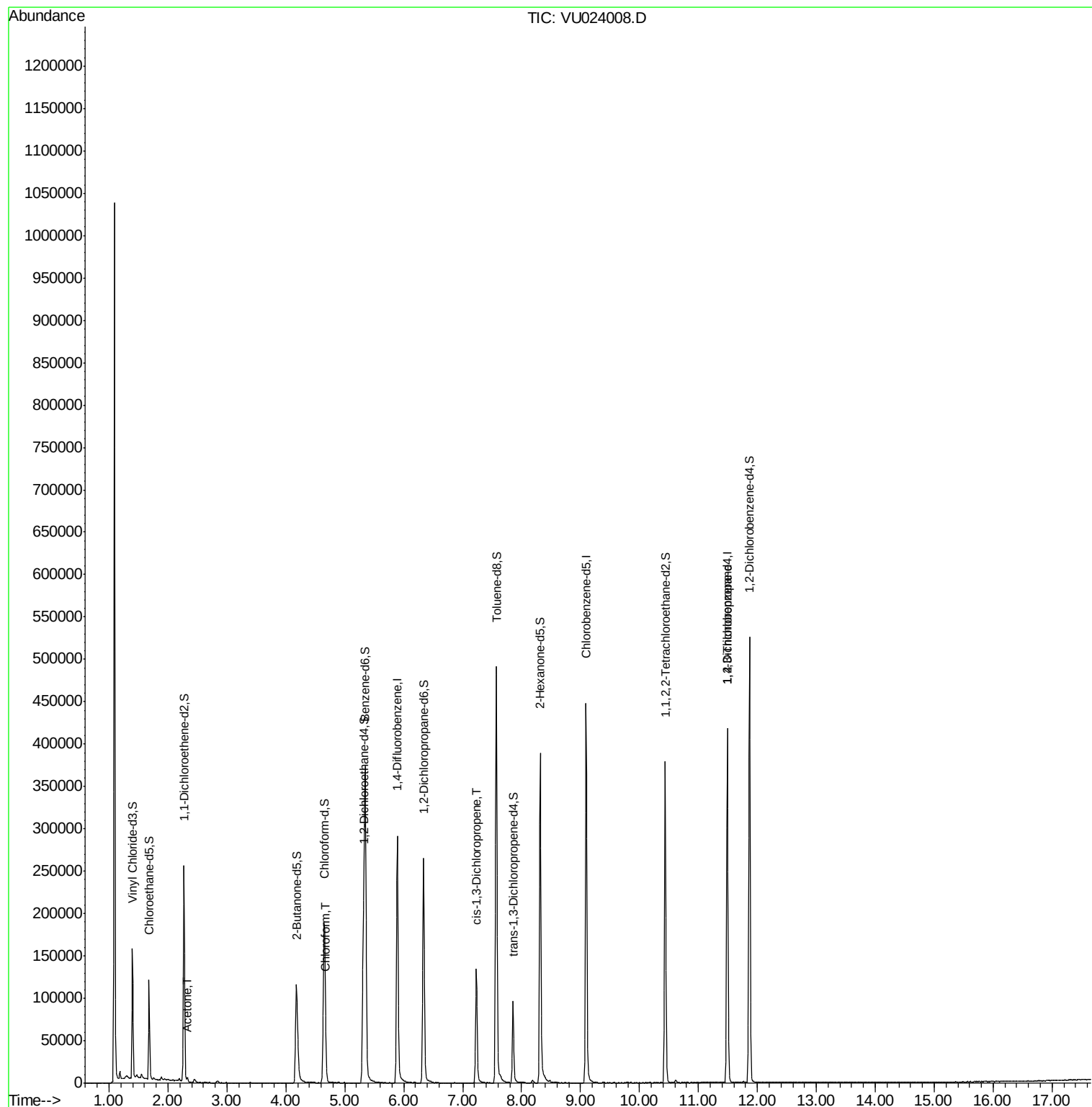
Target Compounds

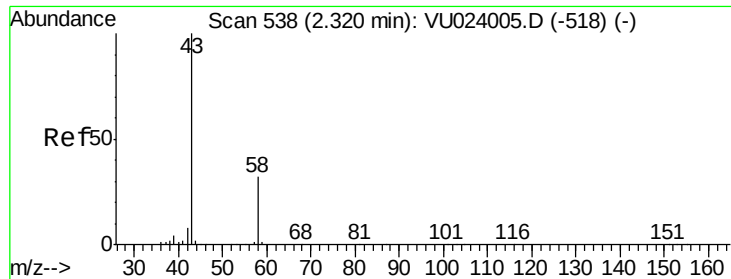
						Qvalue
13) Acetone	2.32	43	4202	2.64	ug/L	93
25) Chloroform	4.68	83	4919	1.27	ug/L	99
39) cis-1,3-Dichloropropene	7.23	75	3299	1.03	ug/L #	79
59) 1,2,3-Trichloropropane	11.49	75	13502	4.30	ug/L #	87

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

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#13

Acetone

Concen: 2.64 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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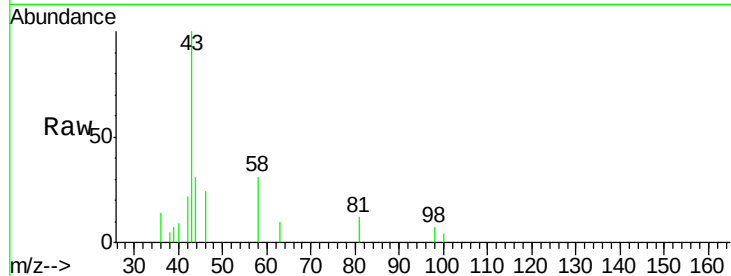
Acq: 22 May 2018 11:41

Tgt Ion: 43 Resp: 4202

Ion Ratio Lower Upper

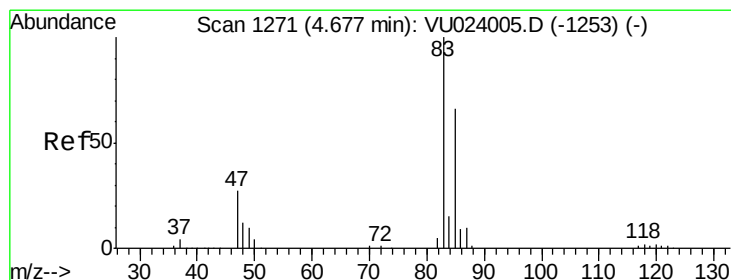
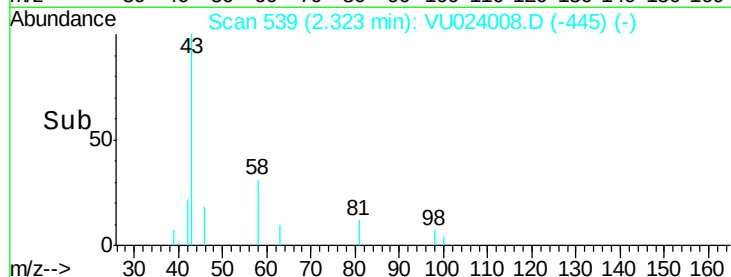
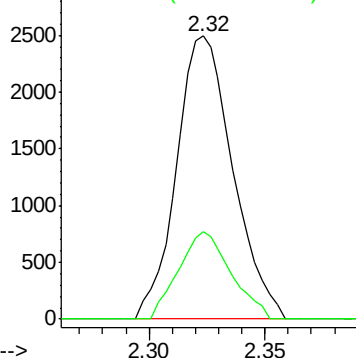
43 100

58 28.8 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#25

Chloroform

Concen: 1.27 ug/L

RT: 4.68 min Scan# 1273

Delta R.T. 0.01 min

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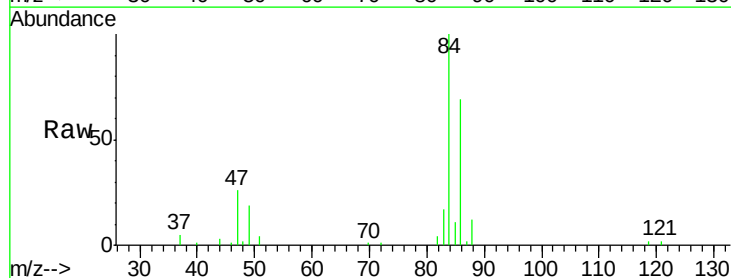
Acq: 22 May 2018 11:41

Tgt Ion: 83 Resp: 4919

Ion Ratio Lower Upper

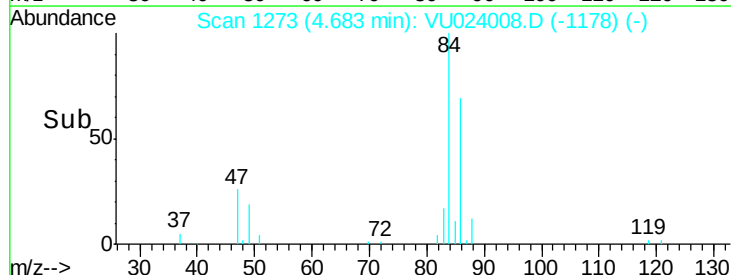
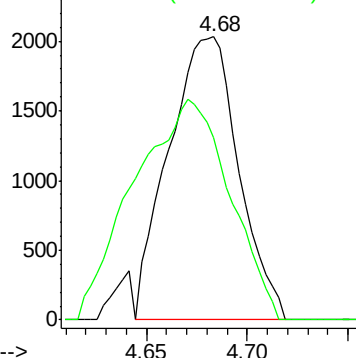
83 100

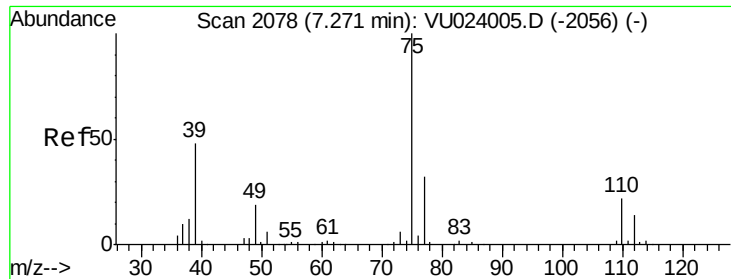
85 64.3 44.4 82.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

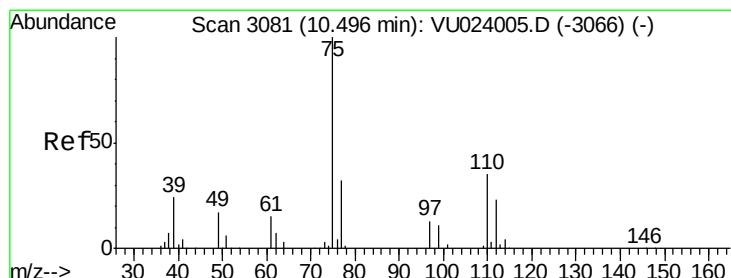
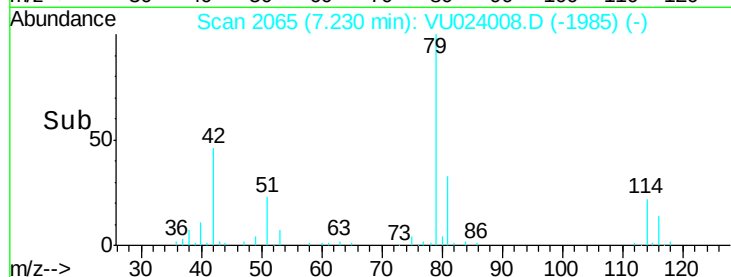
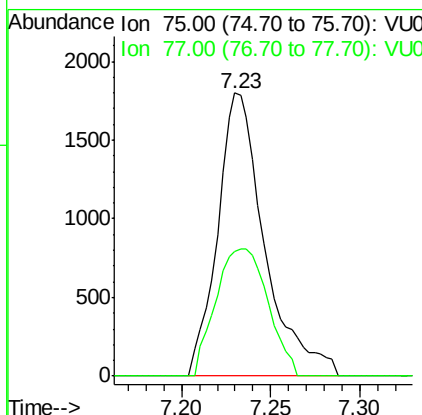
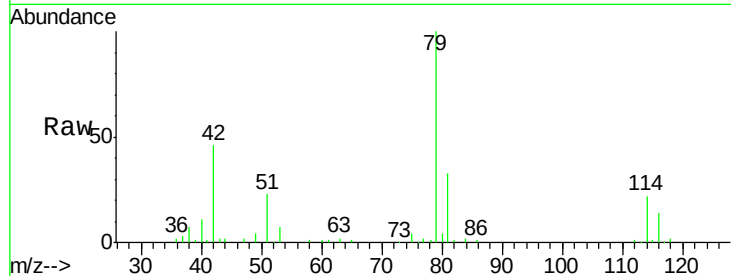
Ion 85.00 (84.70 to 85.70): VU0





#39
 cis-1,3-Dichloropropene
 Concen: 1.03 ug/L
 RT: 7.23 min Scan# 2065
 Delta R.T. -0.04 min
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Tgt Ion: 75 Resp: 3299
 Ion Ratio Lower Upper
 75 100
 77 43.9 22.5 41.9#



#59
 1,2,3-Trichloropropane
 Concen: 4.30 ug/L
 RT: 11.49 min Scan# 3390
 Delta R.T. 0.99 min
 Lab File: VU024008.D
 Acq: 22 May 2018 11:41

Tgt Ion: 75 Resp: 13502
 Ion Ratio Lower Upper
 75 100
 77 39.9 26.2 39.4#

