

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
 Data File : VU023688.D
 Acq On : 06 May 2018 13:57
 Operator : MD/SY
 Sample : VIBLK48
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 07 00:52:15 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 07 00:51:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	402779	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	382454	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	198735	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	115276	40.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.76%
7) Chloroethane-d5	1.68	69	90107	41.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.82%
11) 1,1-Dichloroethene-d2	2.27	63	165708	29.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.54%#
21) 2-Butanone-d5	4.18	46	187553	95.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.09%
24) Chloroform-d	4.65	84	200675	42.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.02%
26) 1,2-Dichloroethane-d4	5.31	65	137549	41.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.78%
32) Benzene-d6	5.35	84	437682	42.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.30%
36) 1,2-Dichloropropane-d6	6.33	67	149301	43.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.88%
41) Toluene-d8	7.57	98	405981	42.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.82%
43) trans-1,3-Dichloropropene-	7.85	79	59108	39.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.90%
47) 2-Hexanone-d5	8.31	63	134606	103.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.13%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	192166	43.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	170868	44.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.14%

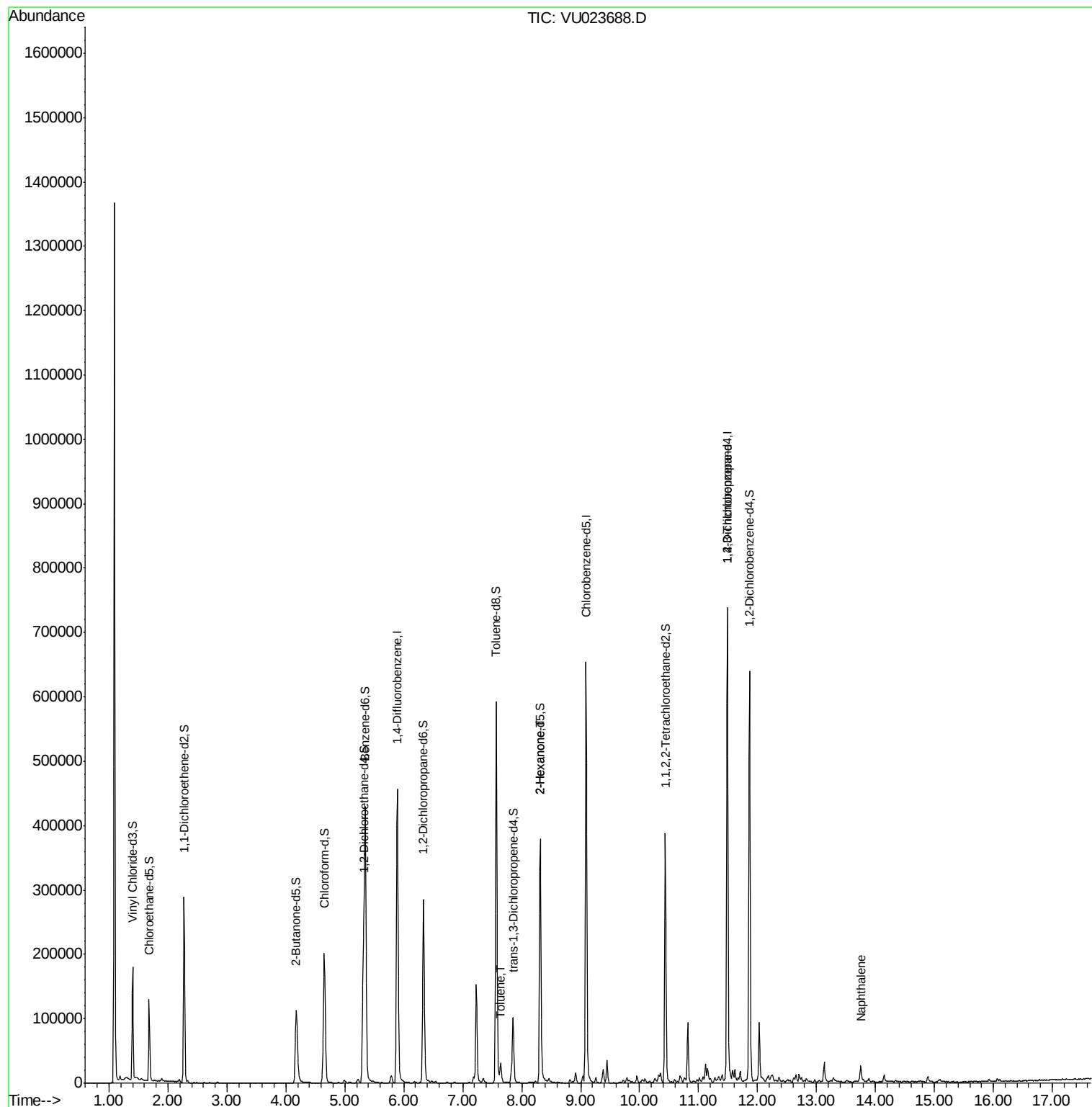
Target Compounds

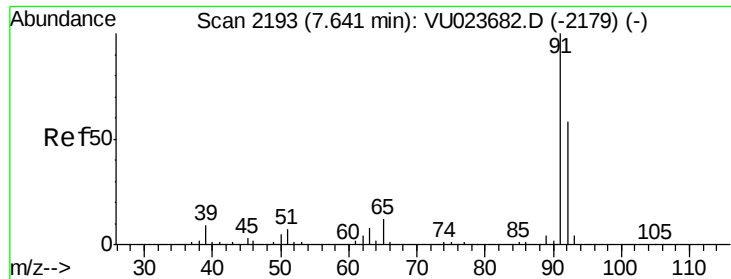
					Qvalue
42) Toluene	7.64	91	20756	1.49 ug/L	98
48) 2-Hexanone	8.31	43	17998	4.38 ug/L #	59
59) 1,2,3-Trichloropropane	11.49	75	22996	5.39 ug/L #	88
69) Naphthalene	13.75	128	21328	1.59 ug/L	98

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

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#42

Toluene

Concen: 1.49 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU023688.D

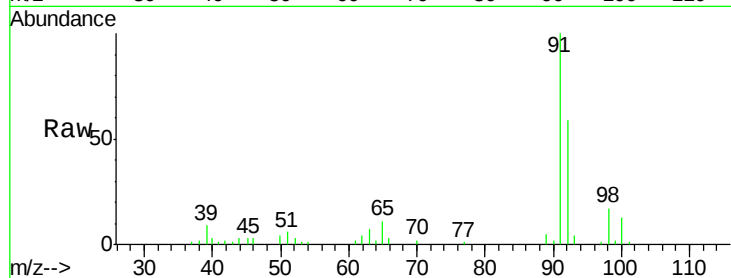
Acq: 06 May 2018 13:57

Tgt Ion: 91 Resp: 20756

Ion Ratio Lower Upper

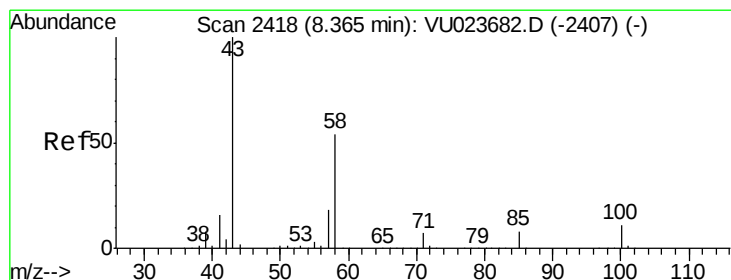
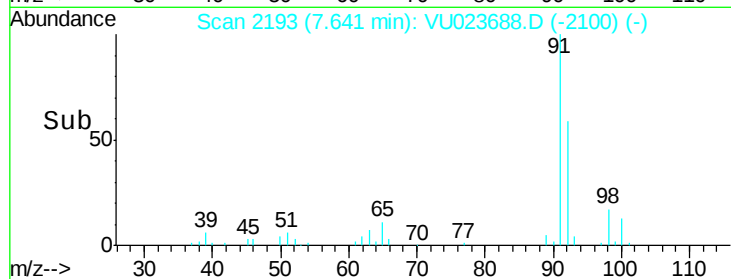
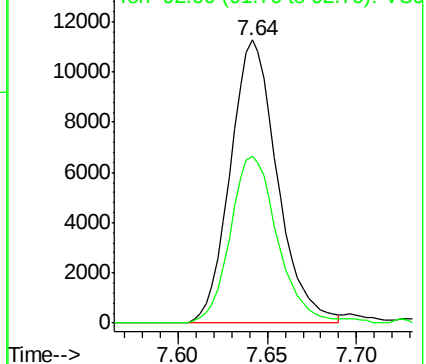
91 100

92 59.2 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



#48

2-Hexanone

Concen: 4.38 ug/L

RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

Lab File: VU023688.D

Acq: 06 May 2018 13:57

Tgt Ion: 43 Resp: 17998

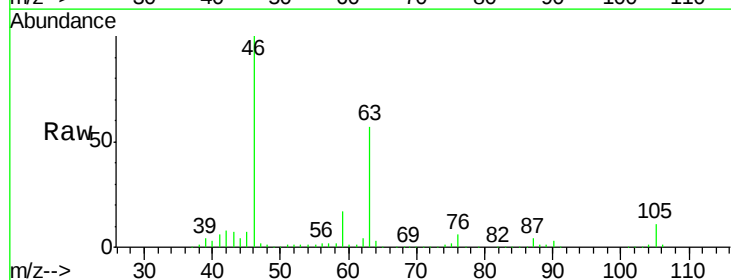
Ion Ratio Lower Upper

43 100

58 23.2 43.0 64.6#

57 37.1 14.6 22.0#

100 0.0 8.4 12.6#

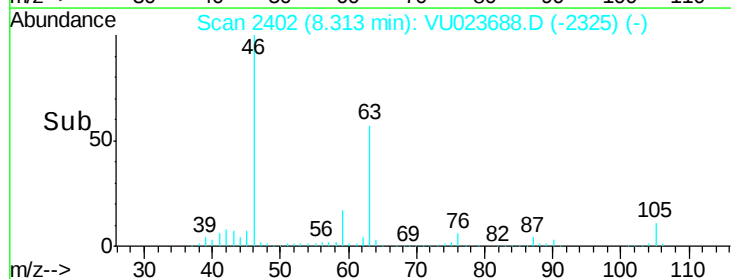
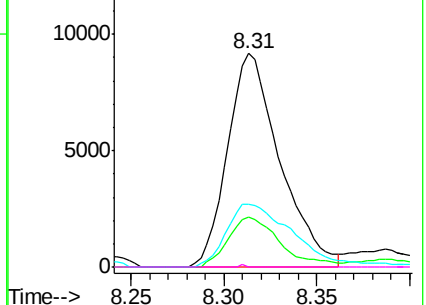


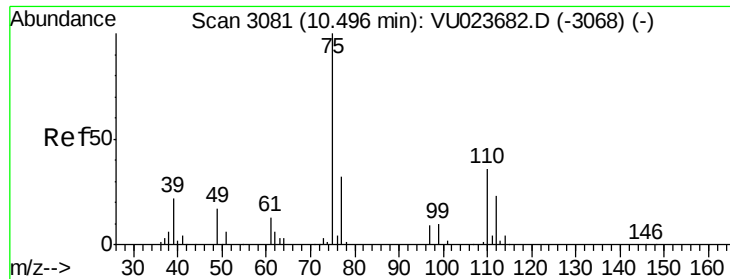
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

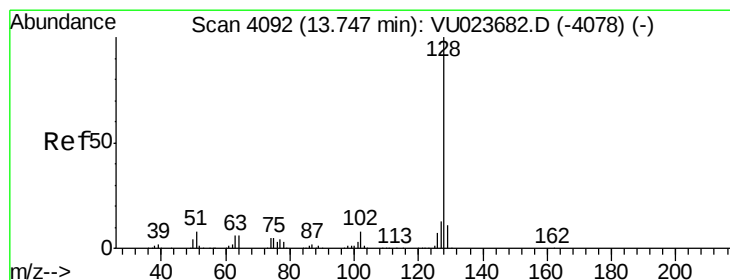
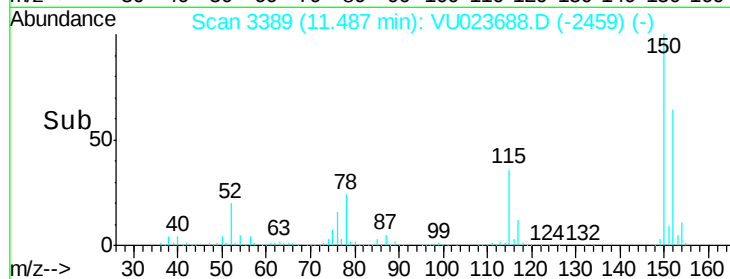
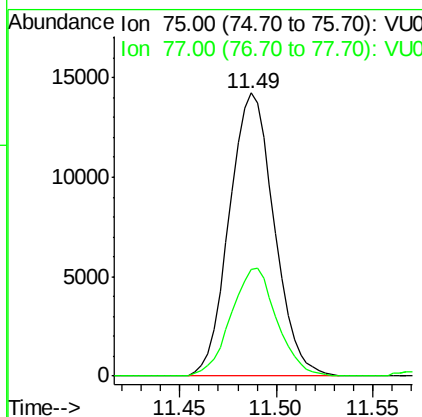
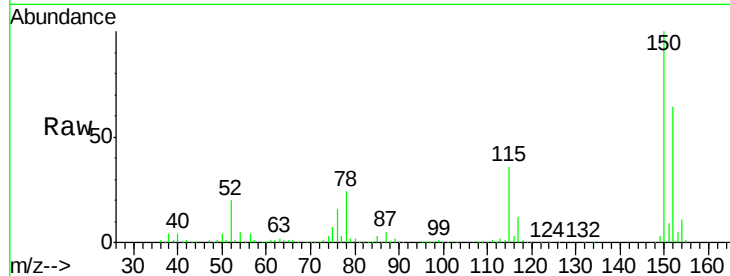
Ion 100.00 (99.70 to 100.70): VU0





#59
 1,2,3-Trichloropropane
 Concen: 5.39 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU023688.D
 Acq: 06 May 2018 13:57

Tgt Ion: 75 Resp: 22996
 Ion Ratio Lower Upper
 75 100
 77 39.0 25.9 38.9#



#69
 Naphthalene
 Concen: 1.59 ug/L
 RT: 13.75 min Scan# 4093
 Delta R.T. 0.00 min
 Lab File: VU023688.D
 Acq: 06 May 2018 13:57

Tgt Ion: 128 Resp: 21328
 Ion Ratio Lower Upper
 128 100
 127 12.1 10.3 15.5
 129 9.9 8.6 13.0

