

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU052718\
 Data File : VU024197.D
 Acq On : 27 May 2018 18:48
 Operator : MD/SY
 Sample : J3092-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 28 04:59:20 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 04:17:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	314743	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	293230	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	104928	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	109107	45.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.20%
7) Chloroethane-d5	1.67	69	92127	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.98%
11) 1,1-Dichloroethene-d2	2.27	63	152270	34.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.42%
21) 2-Butanone-d5	4.18	46	157643	82.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.87%
24) Chloroform-d	4.65	84	189069	44.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.18%
26) 1,2-Dichloroethane-d4	5.31	65	128336	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
32) Benzene-d6	5.35	84	393233	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
36) 1,2-Dichloropropane-d6	6.33	67	133011	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.64%
41) Toluene-d8	7.57	98	336717	44.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.54%
43) trans-1,3-Dichloropropene-	7.85	79	47898	43.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.62%
47) 2-Hexanone-d5	8.31	63	111229	83.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.82%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	175977	43.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	119788	52.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.14%

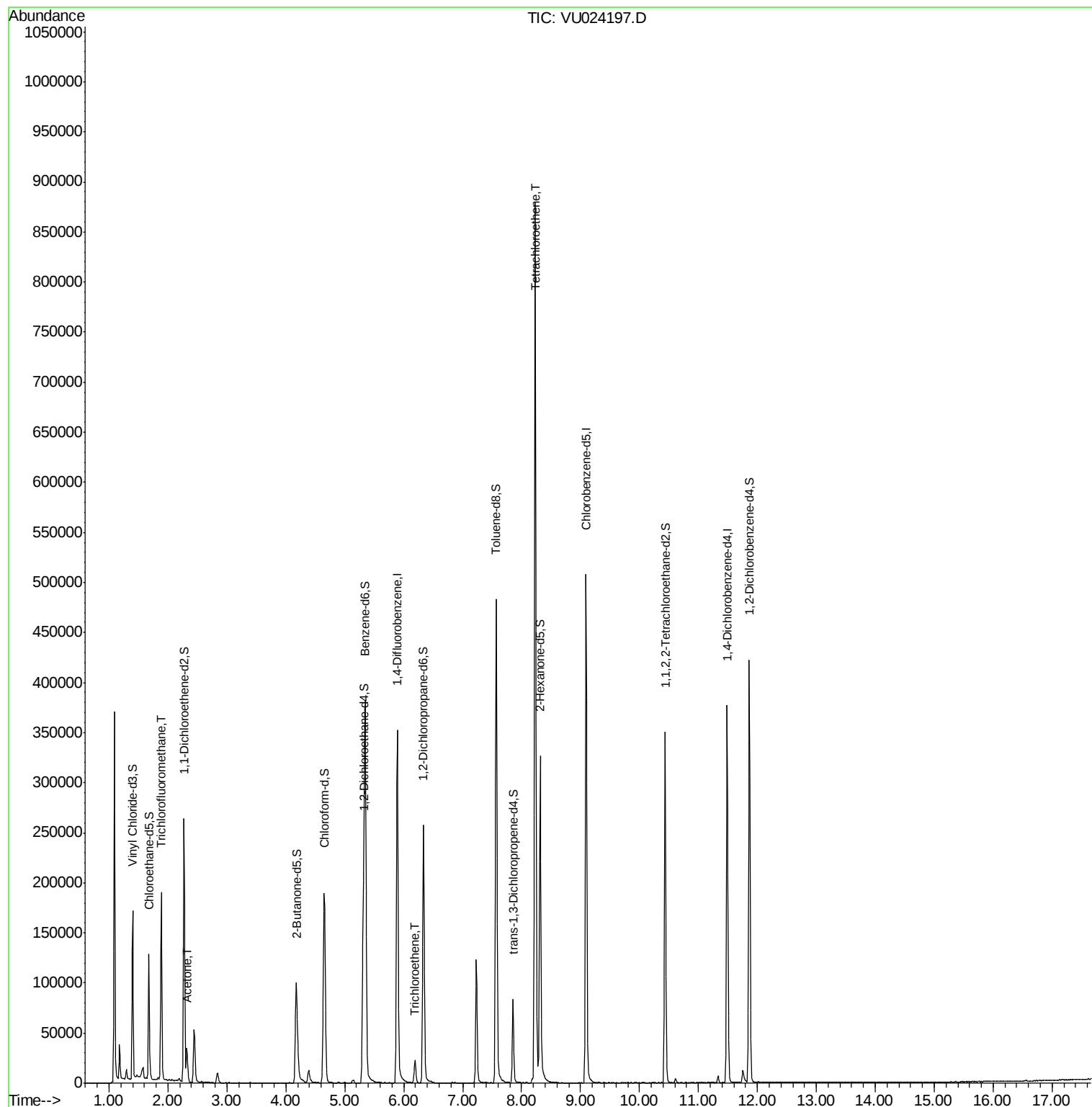
Target Compounds

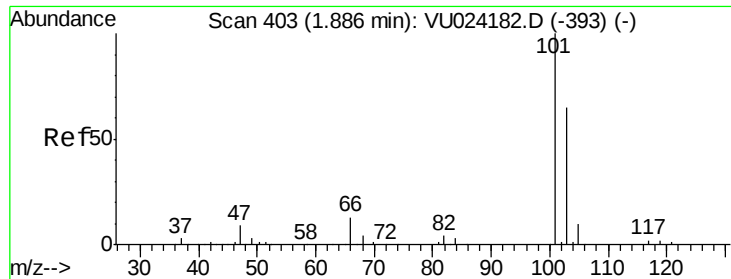
						Ovalue
9) Trichlorofluoromethane	1.89	101	115172	30.17	ug/L	99
13) Acetone	2.32	43	34012	20.52	ug/L	97
34) Trichloroethene	6.19	95	8040	2.93	ug/L	98
46) Tetrachloroethene	8.23	164	211054	110.02	ug/L	99

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

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#9

Trichlorofluoromethane

Concen: 30.17 ug/L

RT: 1.89 min Scan# 403

Delta R.T. 0.00 min

Lab File: VU024197.D

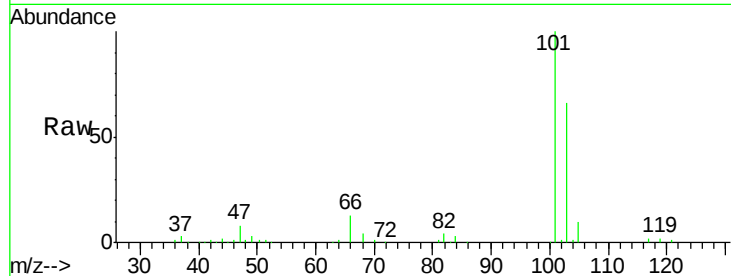
Acq: 27 May 2018 18:48

Tot Ion: 101 Resp: 115172

Ion Ratio Lower Upper

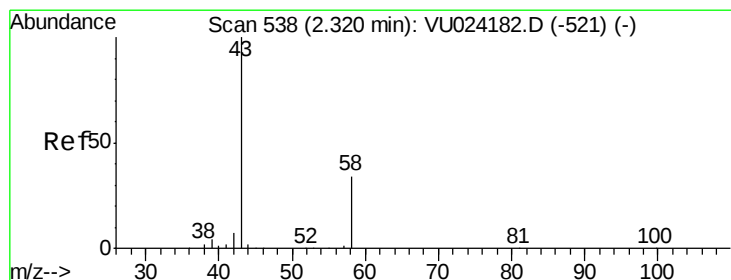
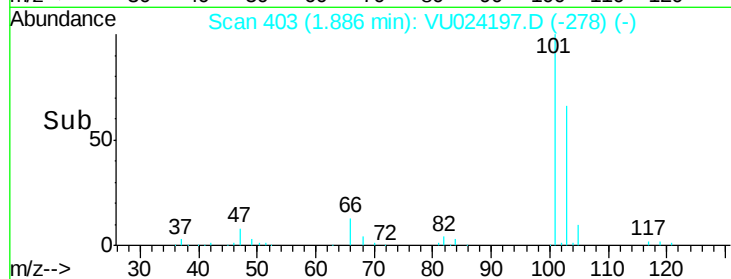
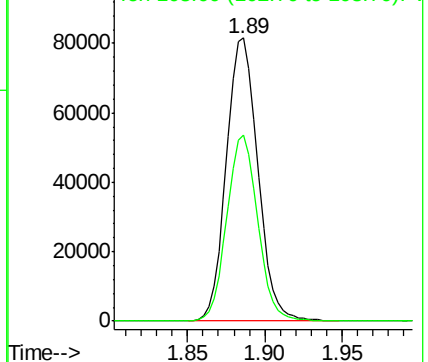
101 100

103 64.2 52.1 78.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 20.52 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU024197.D

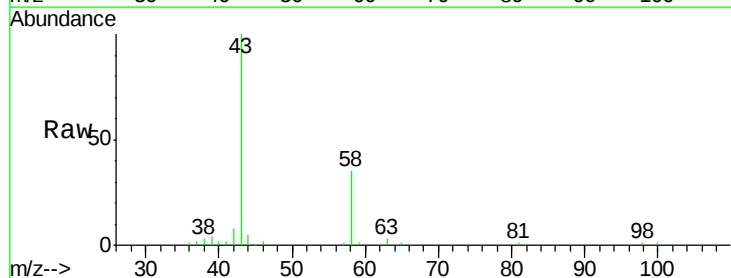
Acq: 27 May 2018 18:48

Tgt Ion: 43 Resp: 34012

Ion Ratio Lower Upper

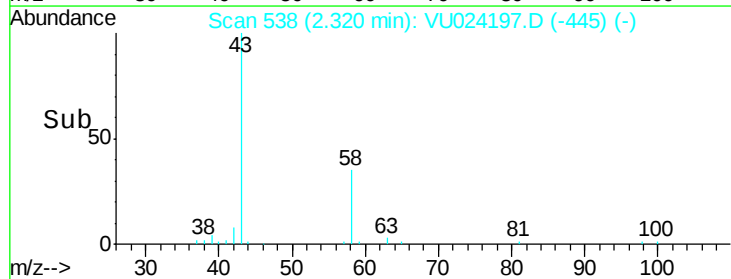
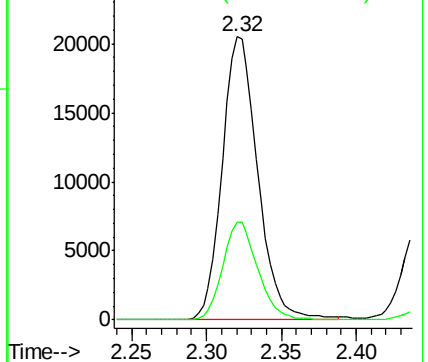
43 100

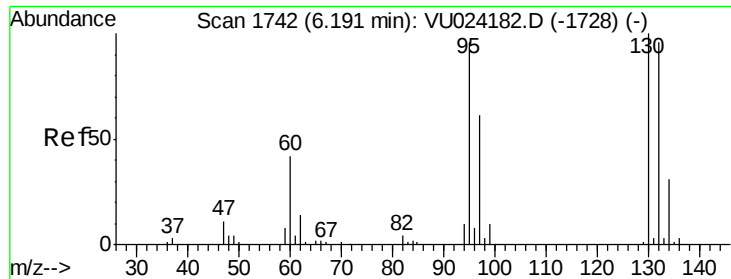
58 33.8 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

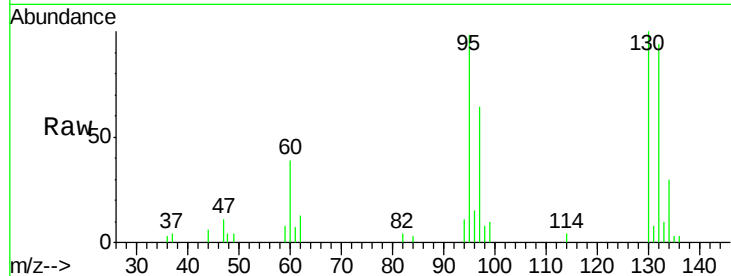
Ion 58.00 (57.70 to 58.70): VU0





#34
 Trichloroethene
 Concen: 2.93 ug/L
 RT: 6.19 min Scan# 1743
 Delta R.T. 0.00 min
 Lab File: VU024197.D
 Acq: 27 May 2018 18:48

Tot Ion:	95	Resp:	8040
Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.5	82.7
132	95.5	69.0	128.2
130	101.8	70.6	131.0



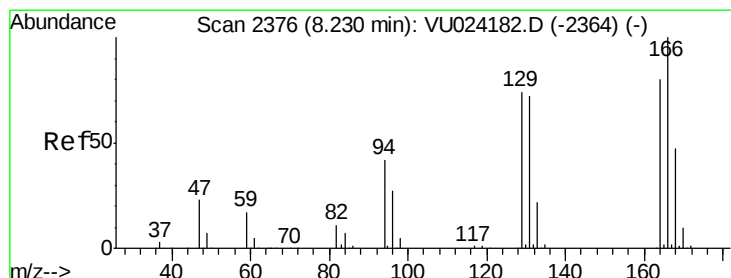
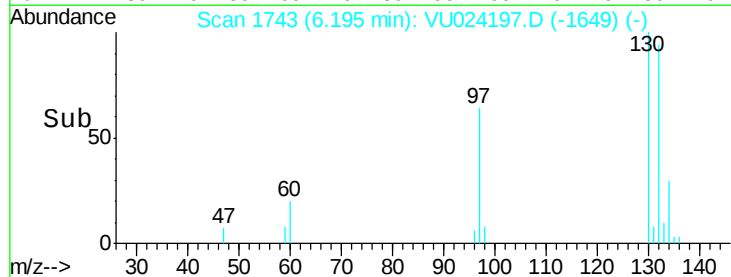
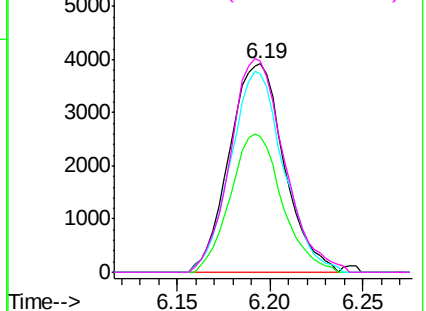
Abundance

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

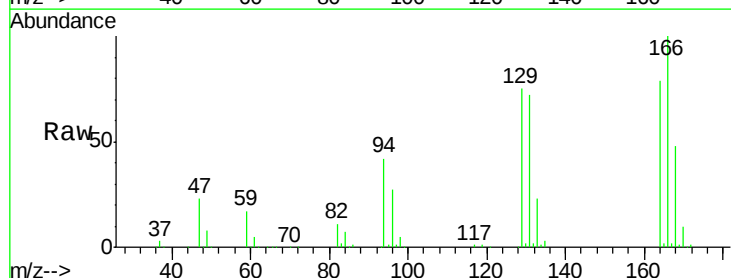
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46
 Tetrachloroethene
 Concen: 110.02 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU024197.D
 Acq: 27 May 2018 18:48

Tgt Ion:	164	Resp:	211054
Ion	Ratio	Lower	Upper
164	100		
129	94.5	66.6	123.6
131	91.2	64.5	119.9
166	126.8	89.3	165.9



Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

