

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU052718\
 Data File : VU024198.D
 Acq On : 27 May 2018 19:14
 Operator : MD/SY
 Sample : J3092-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 28 05:02:41 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	300378	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	284472	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	100859	50.00	ug/L	0.00

System Monitoring Compounds

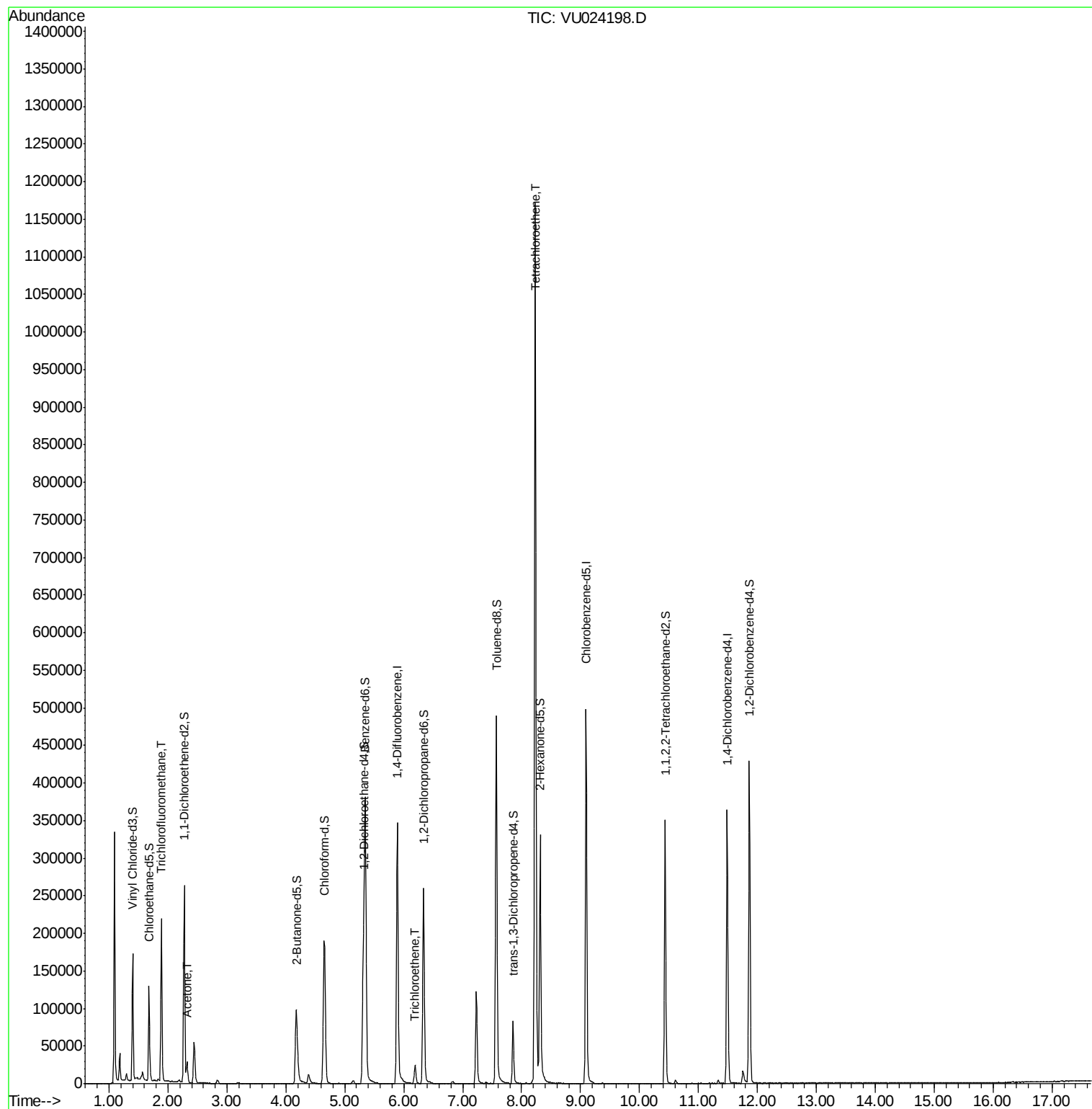
4) Vinyl Chloride-d3	1.40	65	110555	48.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.82%
7) Chloroethane-d5	1.68	69	91998	50.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.46%
11) 1,1-Dichloroethene-d2	2.27	63	152331	35.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.72%
21) 2-Butanone-d5	4.18	46	158755	87.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.45%
24) Chloroform-d	4.65	84	193169	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.42%
26) 1,2-Dichloroethane-d4	5.31	65	128296	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.98%
32) Benzene-d6	5.35	84	392785	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.78%
36) 1,2-Dichloropropane-d6	6.34	67	133118	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.66%
41) Toluene-d8	7.57	98	335795	46.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.04%
43) trans-1,3-Dichloropropene-	7.85	79	47974	44.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.42%
47) 2-Hexanone-d5	8.31	63	111819	86.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.86%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	174517	44.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.68%
64) 1,2-Dichlorobenzene-d4	11.87	152	118992	53.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.62%

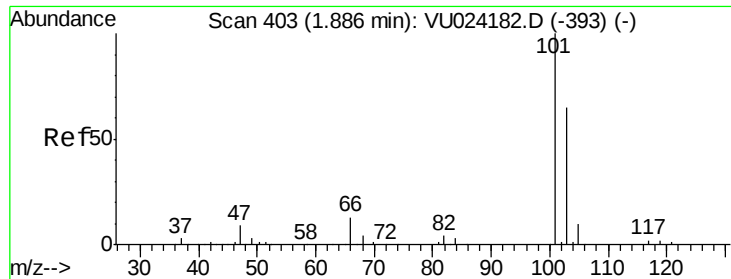
Target Compounds						Ovalue
9) Trichlorofluoromethane	1.89	101	131913	36.21	ug/L	99
13) Acetone	2.32	43	28098	17.76	ug/L	100
34) Trichloroethene	6.19	95	8745	3.29	ug/L	97
46) Tetrachloroethene	8.23	164	284020	152.62	ug/L	98

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

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#9

Trichlorofluoromethane

Concen: 36.21 ug/L

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

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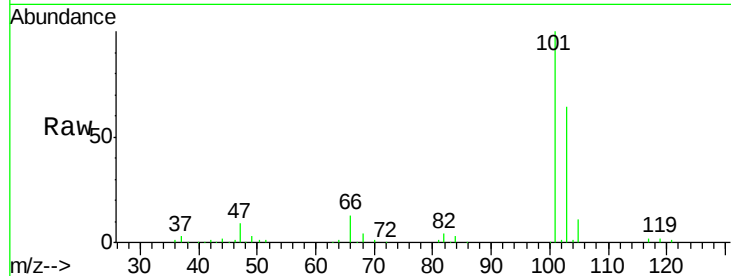
Acq: 27 May 2018 19:14

Tot Ion:101 Resp: 131913

Ion Ratio Lower Upper

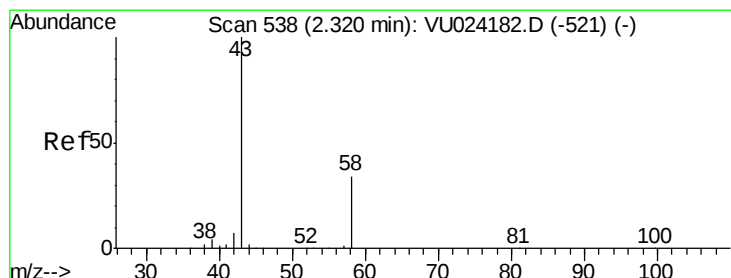
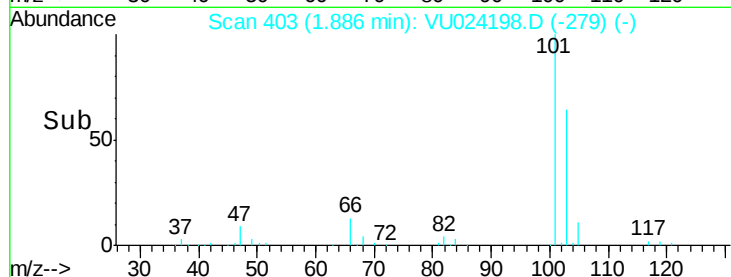
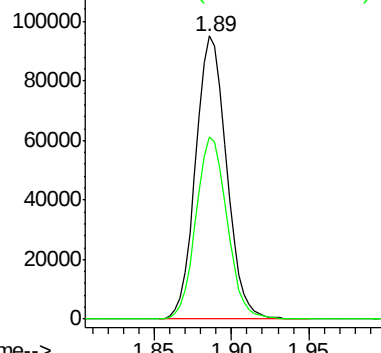
101 100

103 64.7 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: 17.76 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024198.D

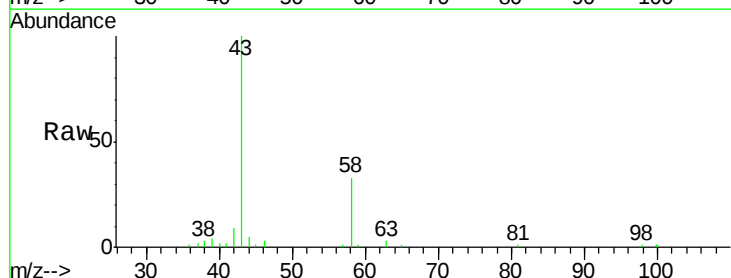
Acq: 27 May 2018 19:14

Tgt Ion: 43 Resp: 28098

Ion Ratio Lower Upper

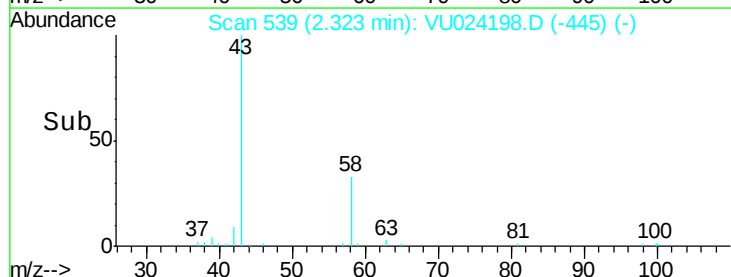
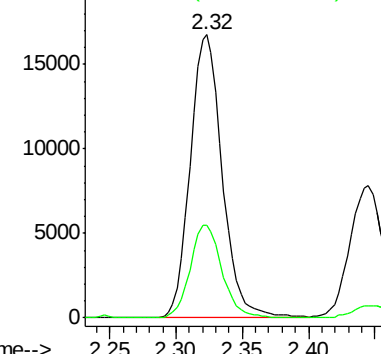
43 100

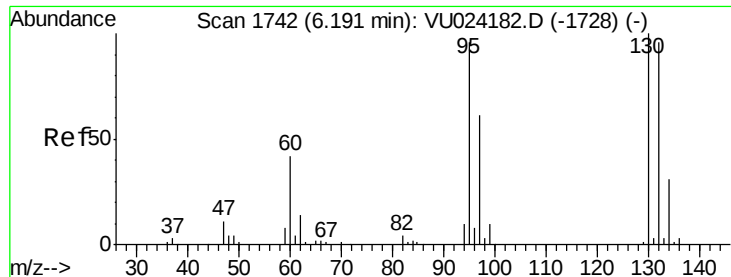
58 32.4 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#34

Trichloroethene

Concen: 3.29 ug/L

RT: 6.19 min Scan# 1743

Delta R.T. 0.00 min

Lab File: VU024198.D

Acq: 27 May 2018 19:14

Tot Ion: 95 Resp: 8745

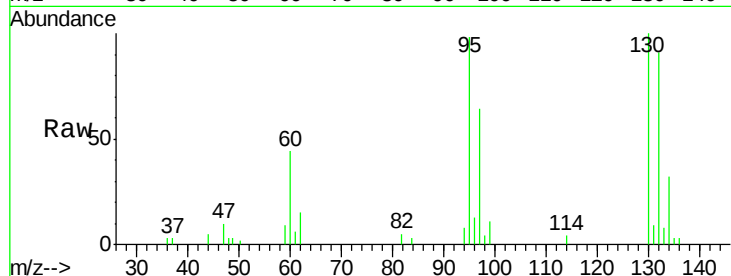
Ion Ratio Lower Upper

95 100

97 65.0 44.5 82.7

132 93.4 69.0 128.2

130 102.2 70.6 131.0

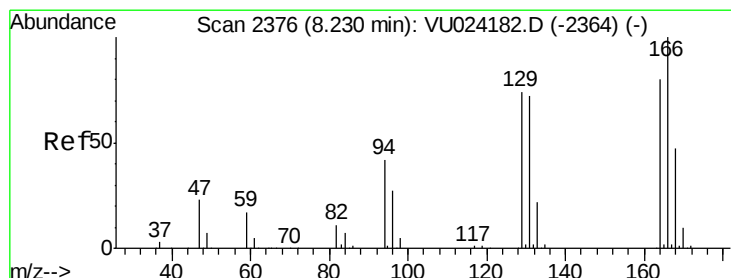
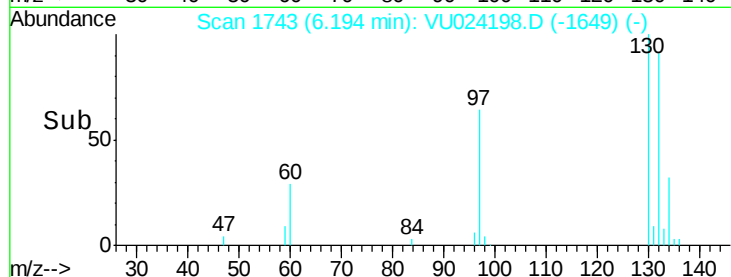
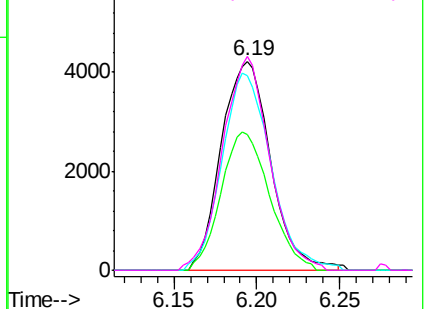


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 152.62 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

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Acq: 27 May 2018 19:14

Tgt Ion: 164 Resp: 284020

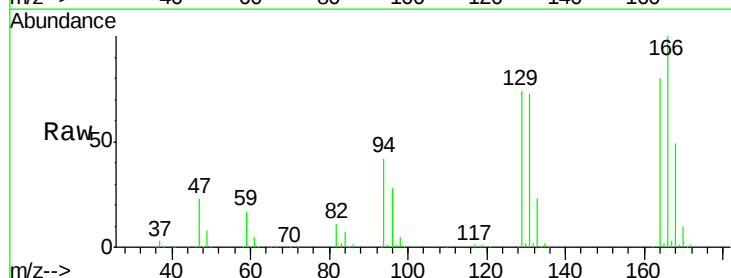
Ion Ratio Lower Upper

164 100

129 93.3 66.6 123.6

131 91.1 64.5 119.9

166 125.6 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

