

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU052718\
 Data File : VU024201.D
 Acq On : 27 May 2018 20:29
 Operator : MD/SY
 Sample : J3092-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 28 05:07:24 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	295764	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	278189	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	95220	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	108977	48.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.94%
7) Chloroethane-d5	1.68	69	91264	51.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.22%
11) 1,1-Dichloroethene-d2	2.27	63	151219	36.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.30%
21) 2-Butanone-d5	4.18	46	160157	89.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.60%
24) Chloroform-d	4.65	84	190746	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.68%
26) 1,2-Dichloroethane-d4	5.31	65	127699	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.06%
32) Benzene-d6	5.35	84	392091	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.86%
36) 1,2-Dichloropropane-d6	6.34	67	130980	49.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.28%
41) Toluene-d8	7.57	98	334878	46.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.86%
43) trans-1,3-Dichloropropene-	7.85	79	46995	44.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.58%
47) 2-Hexanone-d5	8.31	63	106283	84.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.43%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	174102	45.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.46%
64) 1,2-Dichlorobenzene-d4	11.87	152	113388	54.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.62%

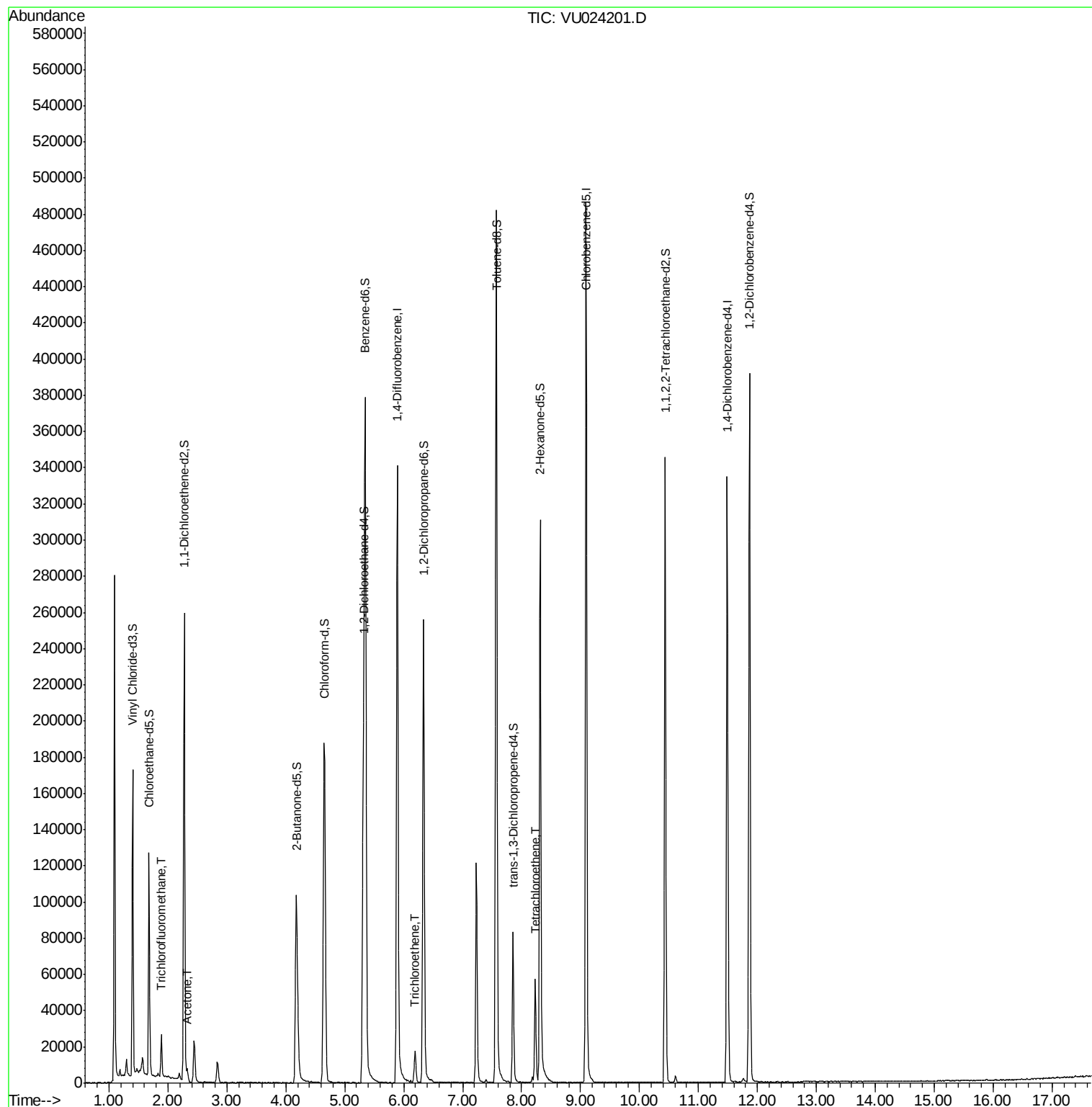
Target Compounds

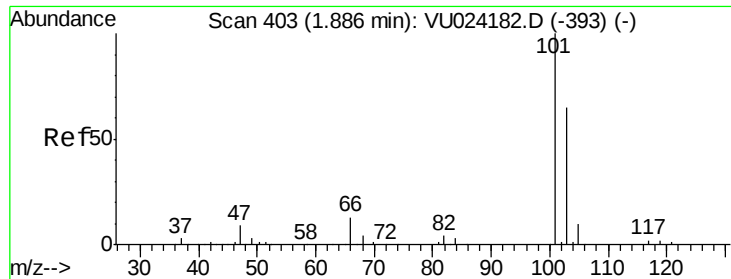
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.89	101	12764	3.56	ug/L	100
13) Acetone	2.32	43	5028	3.23	ug/L	99
34) Trichloroethene	6.19	95	6084	2.34	ug/L	98
46) Tetrachloroethene	8.23	164	13961	7.67	ug/L	99

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

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#9

Trichlorofluoromethane

Concen: 3.56 ug/L

RT: 1.89 min Scan# 403

Delta R.T. 0.00 min

Lab File: VU024201.D

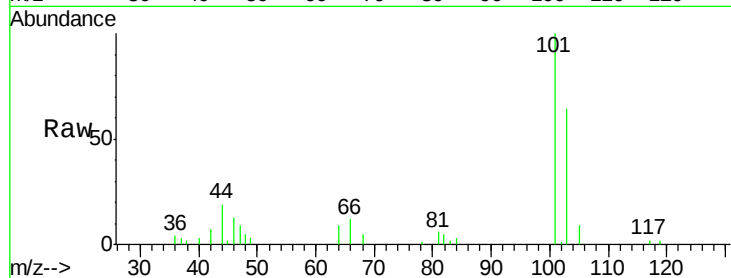
Acq: 27 May 2018 20:29

Tot Ion: 101 Resp: 12764

Ion Ratio Lower Upper

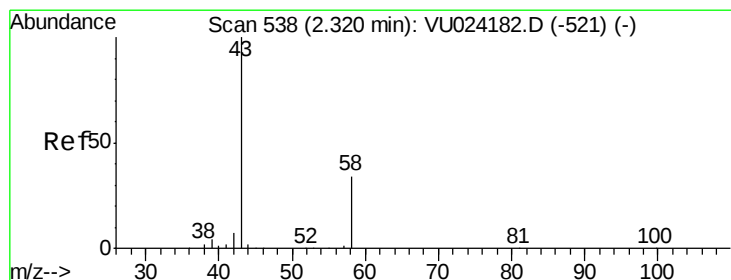
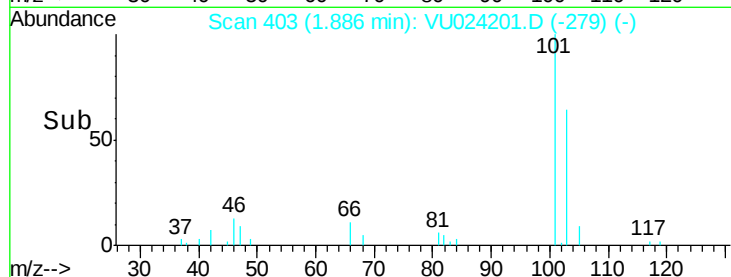
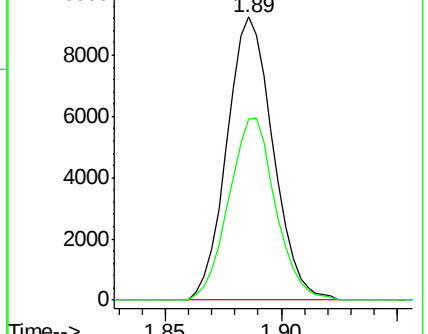
101 100

103 65.0 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: 3.23 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024201.D

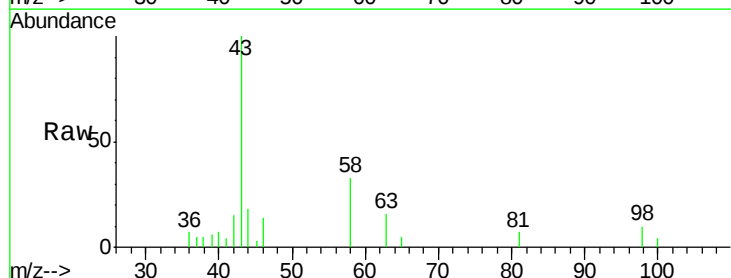
Acq: 27 May 2018 20:29

Tgt Ion: 43 Resp: 5028

Ion Ratio Lower Upper

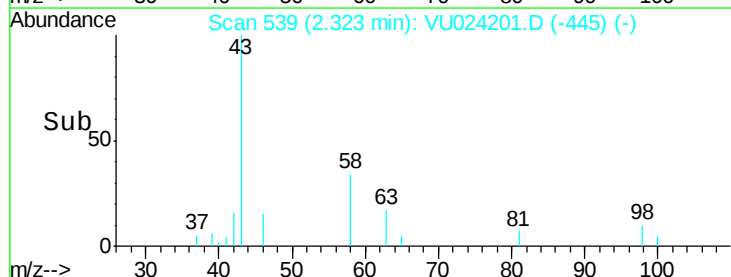
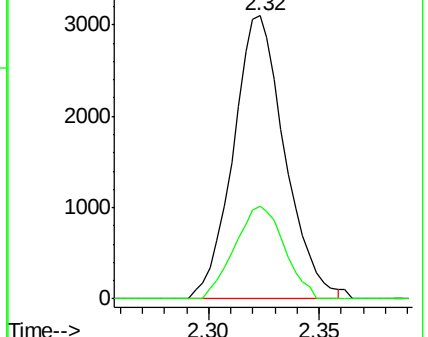
43 100

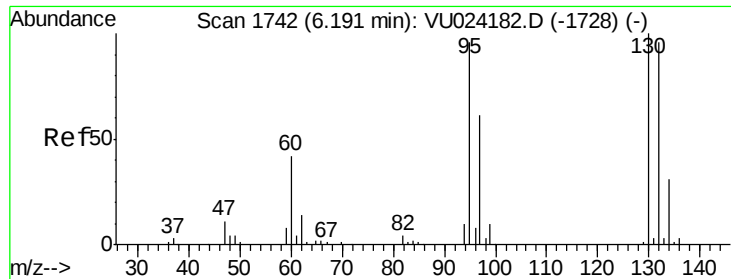
58 31.5 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#34

Trichloroethene

Concen: 2.34 ug/L

RT: 6.19 min Scan# 1743

Delta R.T. 0.00 min

Lab File: VU024201.D

Acq: 27 May 2018 20:29

Tot Ion: 95 Resp: 6084

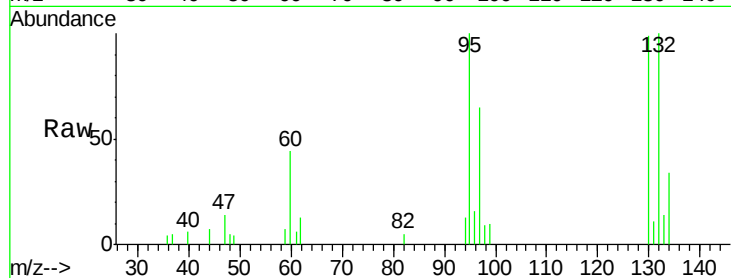
Ion Ratio Lower Upper

95 100

97 64.6 44.5 82.7

132 99.6 69.0 128.2

130 98.6 70.6 131.0

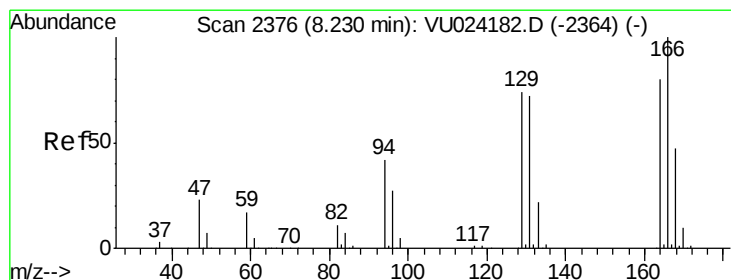
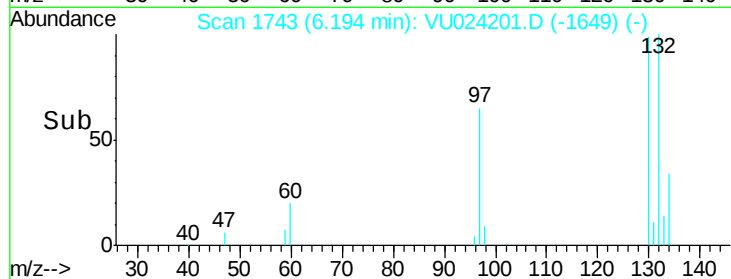
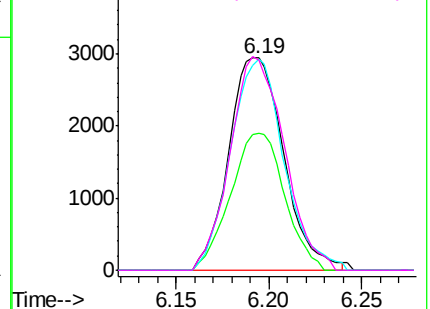


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 7.67 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024201.D

Acq: 27 May 2018 20:29

Tgt Ion: 164 Resp: 13961

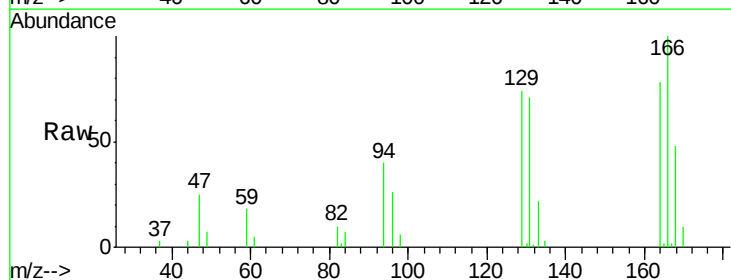
Ion Ratio Lower Upper

164 100

129 94.9 66.6 123.6

131 91.3 64.5 119.9

166 128.1 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

