

Data File : VU024237.D
Acq On : 30 May 2018 13:12
Operator : MD/SY
Sample : J3088-10DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 31 03:53:34 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 31 03:53:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	291624	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	276936	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	100818	50.00	ug/L	0.00

System Monitoring Compounds

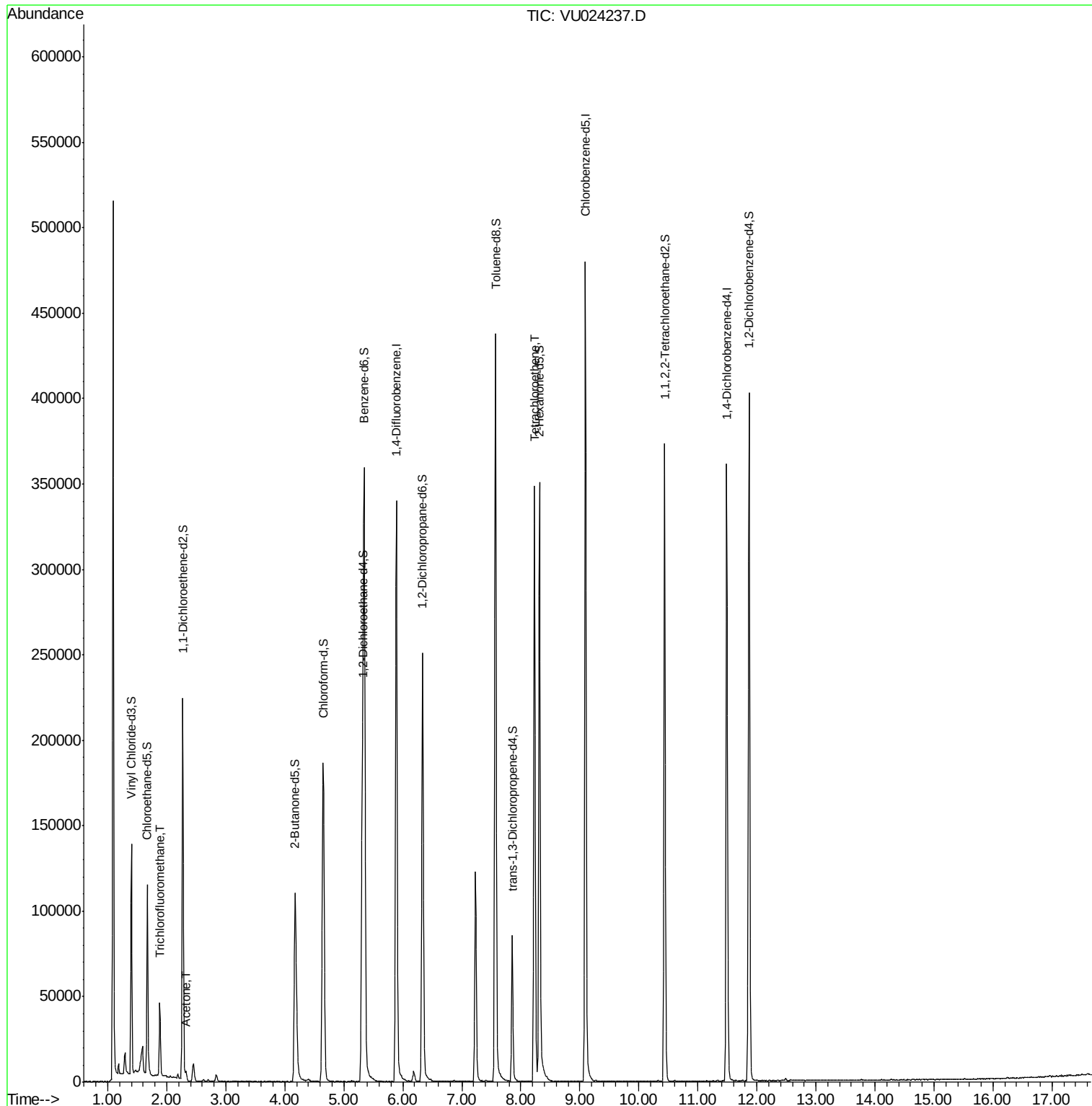
4) Vinyl Chloride-d3	1.40	65	88411	39.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.76%
7) Chloroethane-d5	1.67	69	81946	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.10%
11) 1,1-Dichloroethene-d2	2.27	63	129160	31.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.64%
21) 2-Butanone-d5	4.18	46	181133	102.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.77%
24) Chloroform-d	4.65	84	187754	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.52%
26) 1,2-Dichloroethane-d4	5.31	65	127008	50.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.92%
32) Benzene-d6	5.35	84	367000	47.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.76%
36) 1,2-Dichloropropane-d6	6.33	67	130186	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.12%
41) Toluene-d8	7.57	98	305820	43.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.10%
43) trans-1,3-Dichloropropene-	7.85	79	48360	46.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.60%
47) 2-Hexanone-d5	8.31	63	118443	94.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.51%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	187701	48.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.96%
64) 1,2-Dichlorobenzene-d4	11.87	152	116246	52.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.18%

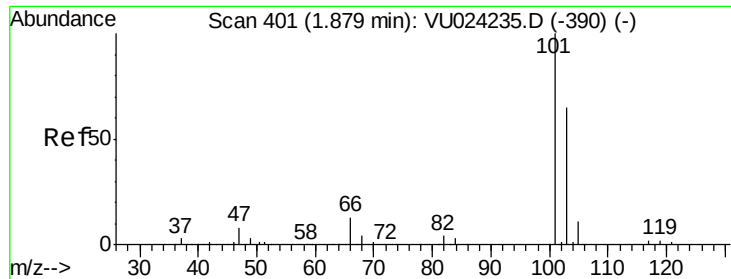
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.88	101	24641	6.97	ug/L	99
13) Acetone	2.32	43	3805	2.48	ug/L	92
46) Tetrachloroethene	8.23	164	82562	45.57	ug/L	98

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

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#9

Trichlorofluoromethane

Concen: 6.97 ug/L

RT: 1.88 min Scan# 402

Delta R.T. 0.00 min

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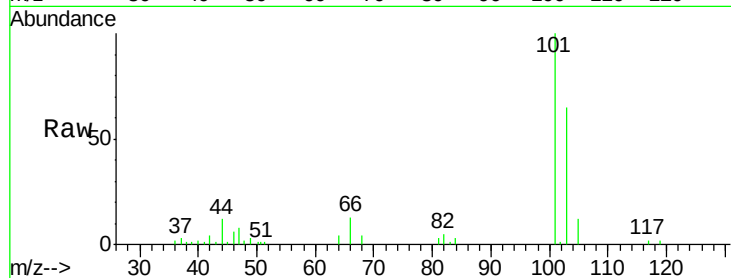
Acq: 30 May 2018 13:12

Tgt Ion: 101 Resp: 24641

Ion Ratio Lower Upper

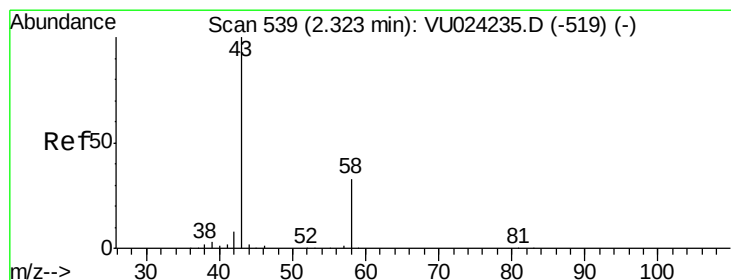
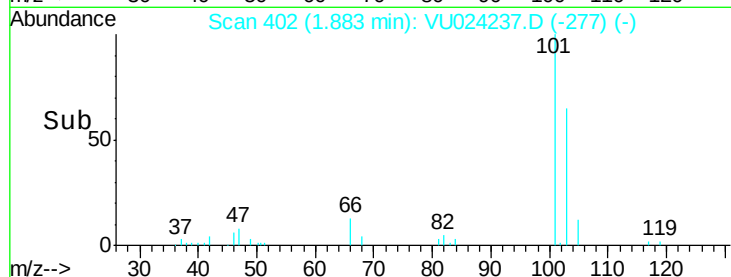
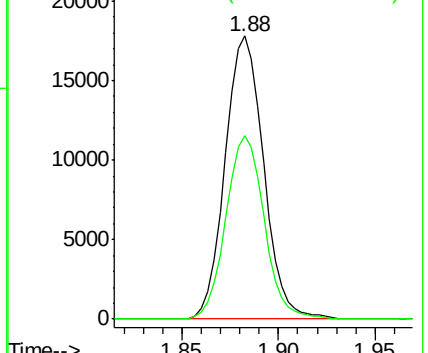
101 100

103 64.3 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: 2.48 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

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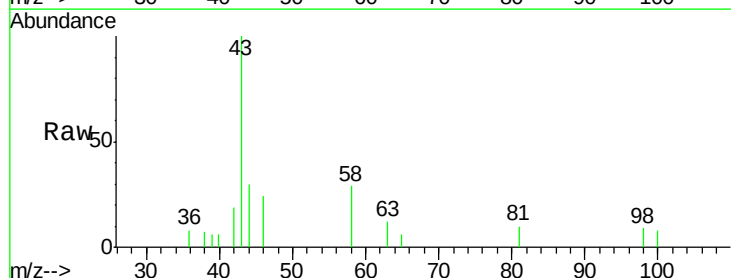
Acq: 30 May 2018 13:12

Tgt Ion: 43 Resp: 3805

Ion Ratio Lower Upper

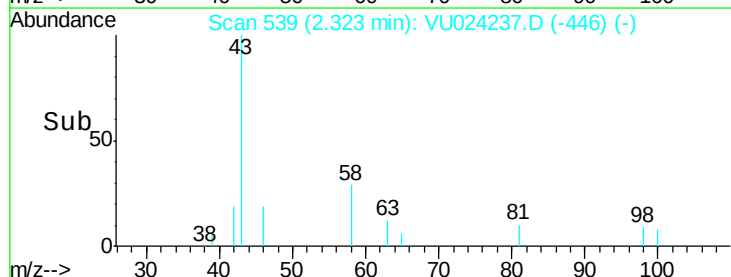
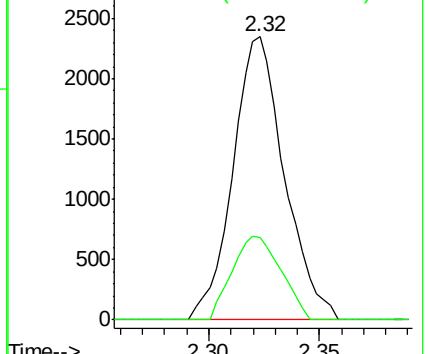
43 100

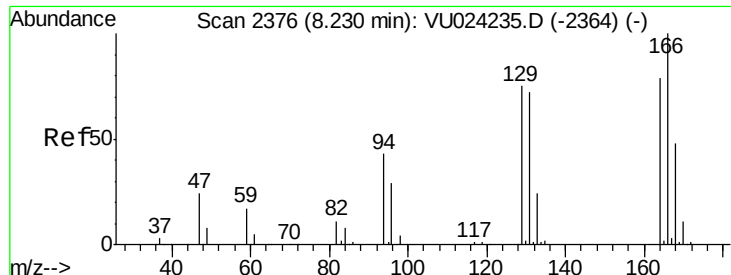
58 27.9 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#46

Tetrachloroethene

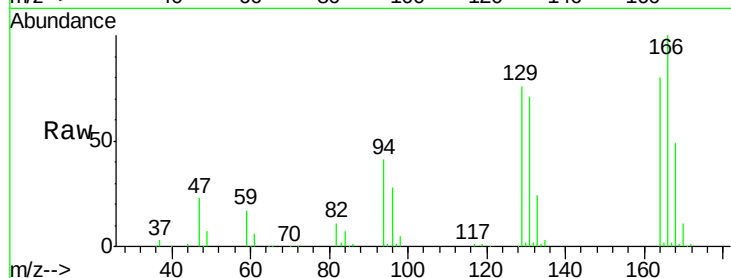
Concen: 45.57 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

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Tgt Ion:164 Resp: 82562

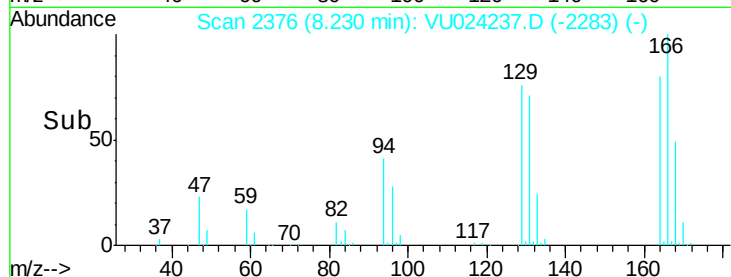
Ion Ratio Lower Upper

164 100

129 94.6 66.6 123.6

131 89.6 64.5 119.9

166 125.3 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

