

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU052318\
 Data File : VU024043.D
 Acq On : 23 May 2018 18:02
 Operator : MD/SY
 Sample : J3088-10 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 24 04:54:45 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 24 04:14:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	288964	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287424	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	123477	50.00	ug/L	0.00

System Monitoring Compounds

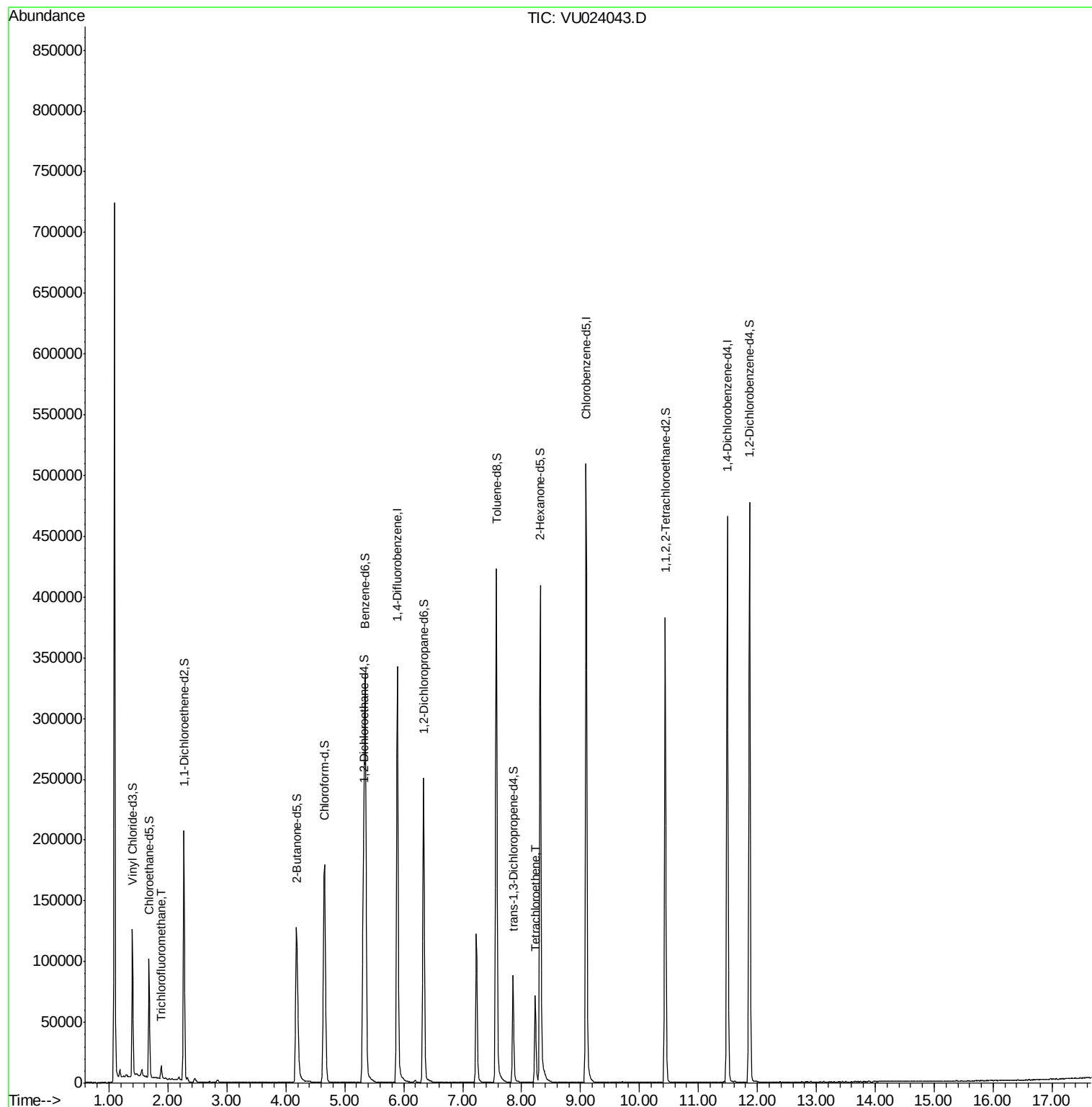
4) Vinyl Chloride-d3	1.40	65	77270	28.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.56%#
7) Chloroethane-d5	1.68	69	69704	32.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.88%#
11) 1,1-Dichloroethene-d2	2.27	63	120656	24.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.98%#
21) 2-Butanone-d5	4.18	46	205065	109.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.74%
24) Chloroform-d	4.65	84	175097	42.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.44%
26) 1,2-Dichloroethane-d4	5.31	65	124769	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.54%
32) Benzene-d6	5.35	84	332005	39.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.14%
36) 1,2-Dichloropropane-d6	6.34	67	123666	43.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.28%
41) Toluene-d8	7.57	98	287783	37.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.46%#
43) trans-1,3-Dichloropropene-	7.85	79	48848	40.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.96%
47) 2-Hexanone-d5	8.32	63	137375	105.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.16%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	190685	47.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.56%
64) 1,2-Dichlorobenzene-d4	11.87	152	128051	48.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.04%

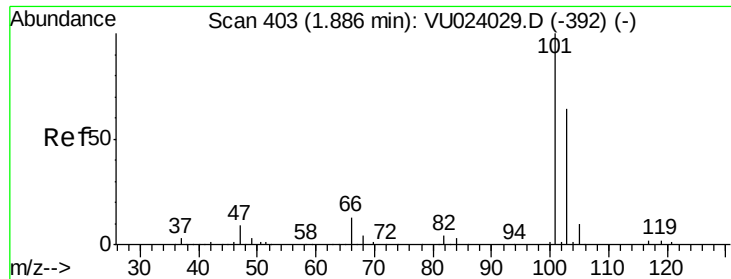
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.89	101	4953	1.25 ug/L	96
46) Tetrachloroethene	8.23	164	16588	8.41 ug/L	97

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

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#9

Trichlorofluoromethane

Concen: 1.25 ug/L

RT: 1.89 min Scan# 403

Delta R.T. 0.00 min

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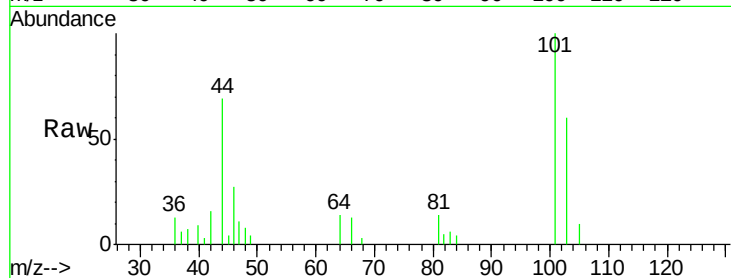
Acq: 23 May 2018 18:02

Tot Ion:101 Resp: 4953

Ion Ratio Lower Upper

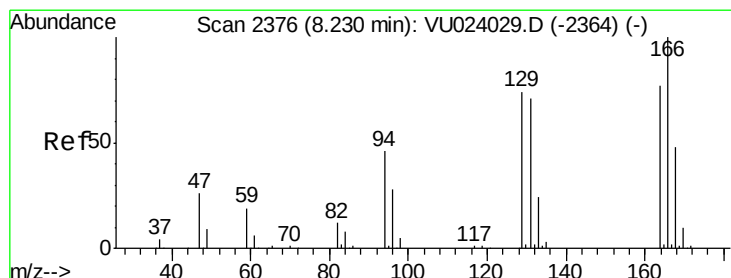
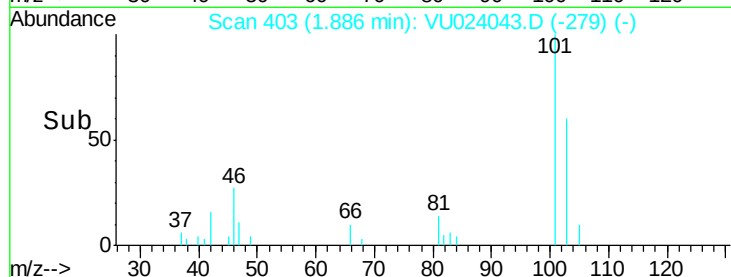
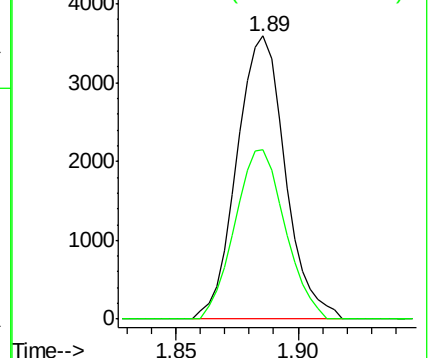
101 100

103 61.9 51.8 77.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#46

Tetrachloroethene

Concen: 8.41 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

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Tgt Ion:164 Resp: 16588

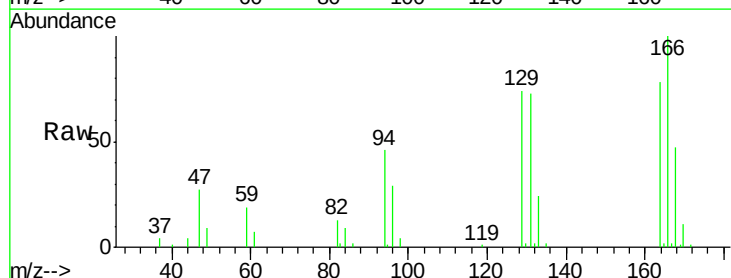
Ion Ratio Lower Upper

164 100

129 95.3 65.3 121.3

131 93.8 63.0 117.0

166 128.5 87.4 162.2



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

