

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU052718\
 Data File : VU024208.D
 Acq On : 27 May 2018 23:51
 Operator : MD/SY
 Sample : J3091-16 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 28 05:37:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 05:15:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	302039	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	280478	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	95098	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	106890	46.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.10%
7) Chloroethane-d5	1.67	69	89334	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.98%
11) 1,1-Dichloroethene-d2	2.27	63	148238	34.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.42%
21) 2-Butanone-d5	4.18	46	165810	90.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.83%
24) Chloroform-d	4.65	84	188678	45.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.70%
26) 1,2-Dichloroethane-d4	5.31	65	126121	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.76%
32) Benzene-d6	5.35	84	388739	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.16%
36) 1,2-Dichloropropane-d6	6.34	67	132486	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.60%
41) Toluene-d8	7.57	98	331667	46.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.85	79	47068	44.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.98%
47) 2-Hexanone-d5	8.31	63	108832	85.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.75%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	175817	45.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	111316	53.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.78%

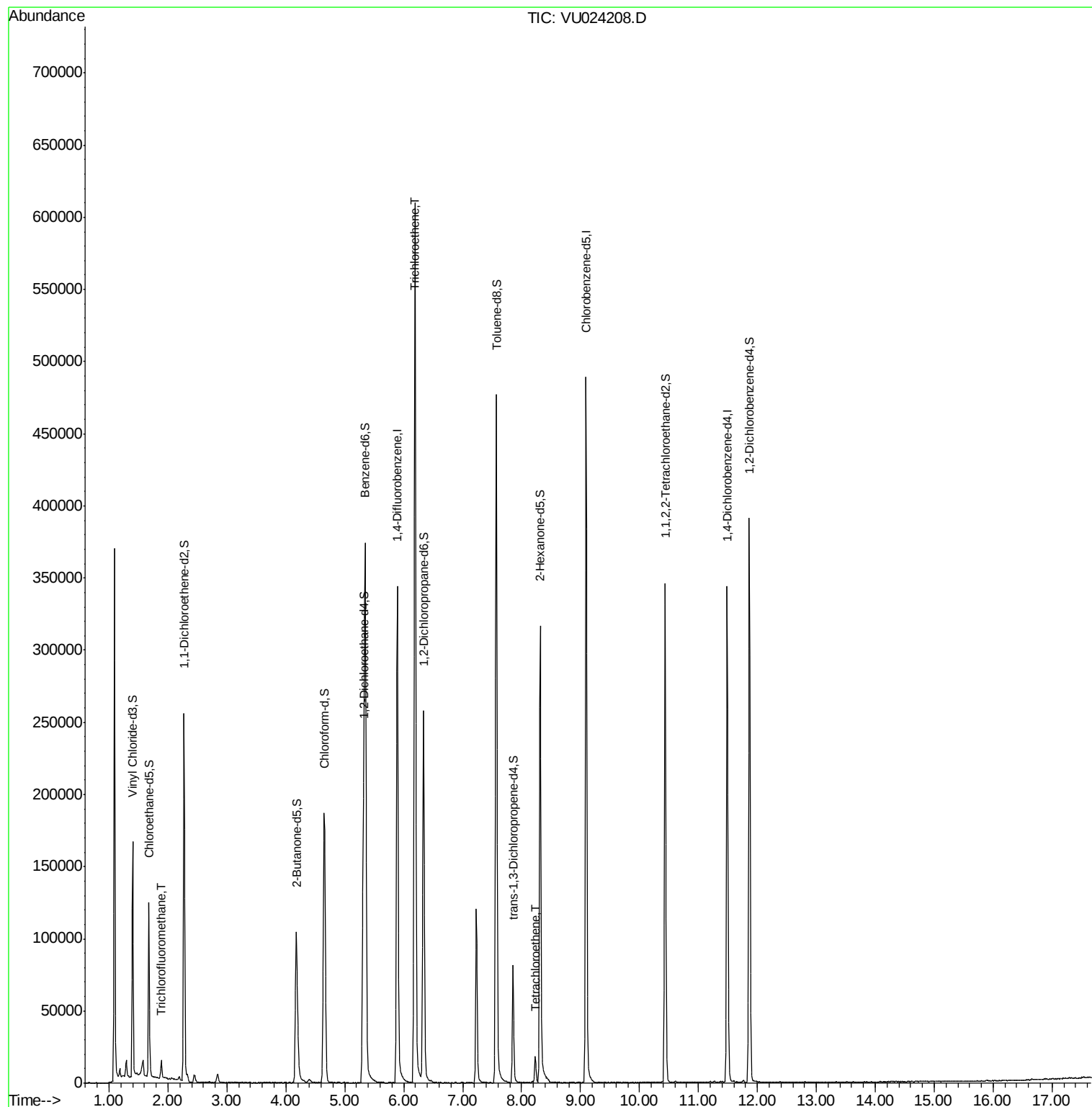
Target Compounds

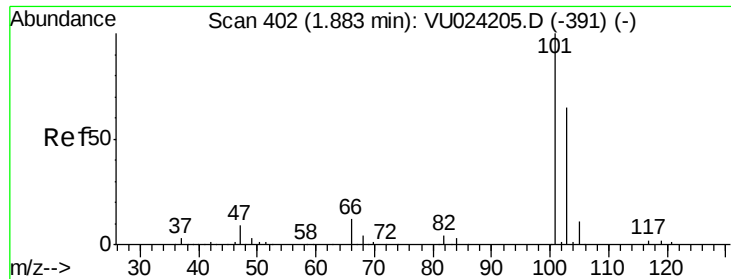
					Ovalue
9) Trichlorofluoromethane	1.89	101	5444	1.49 ug/L	99
34) Trichloroethene	6.19	95	217498	82.93 ug/L	99
46) Tetrachloroethene	8.23	164	4742	2.58 ug/L	93

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

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#9

Trichlorofluoromethane

Concen: 1.49 ug/L

RT: 1.89 min Scan# 403

Delta R.T. 0.00 min

Lab File: VU024208.D

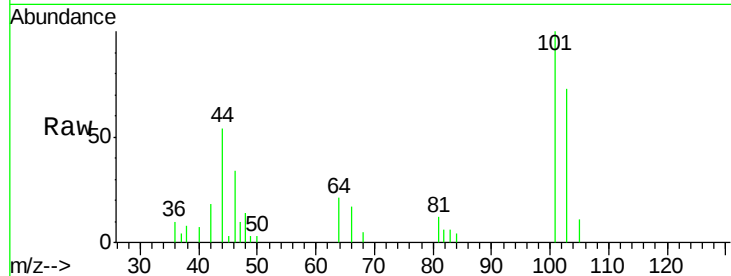
Acq: 27 May 2018 23:51

Tot Ion:101 Resp: 5444

Ion Ratio Lower Upper

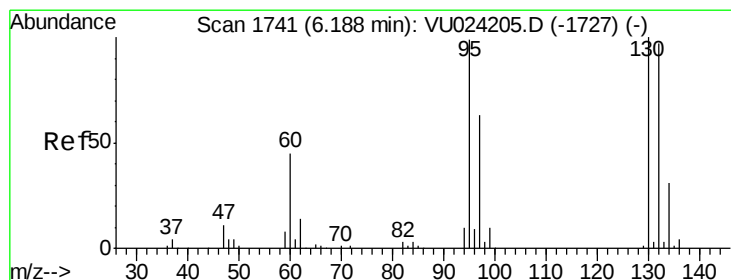
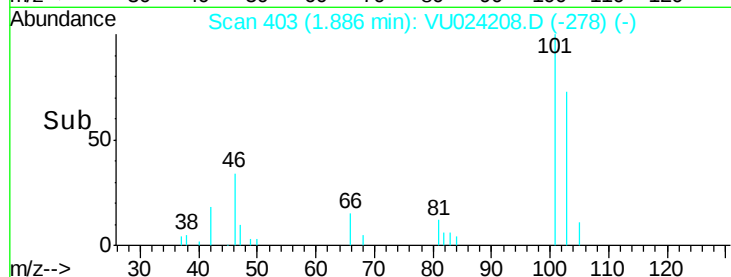
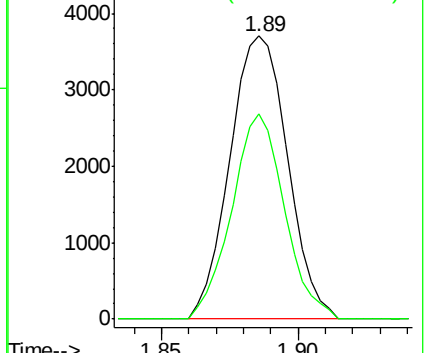
101 100

103 66.3 52.1 78.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#34

Trichloroethene

Concen: 82.93 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024208.D

Acq: 27 May 2018 23:51

Tgt Ion: 95 Resp: 217498

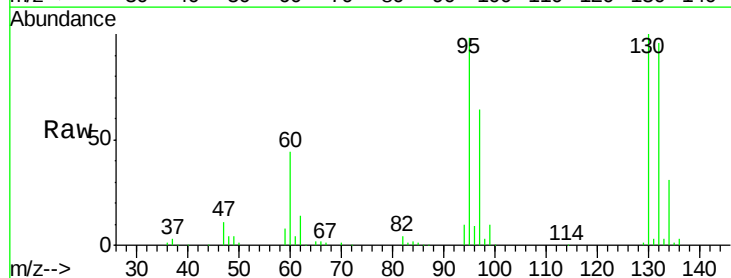
Ion Ratio Lower Upper

95 100

97 64.6 44.5 82.7

132 97.8 69.0 128.2

130 101.6 70.6 131.0

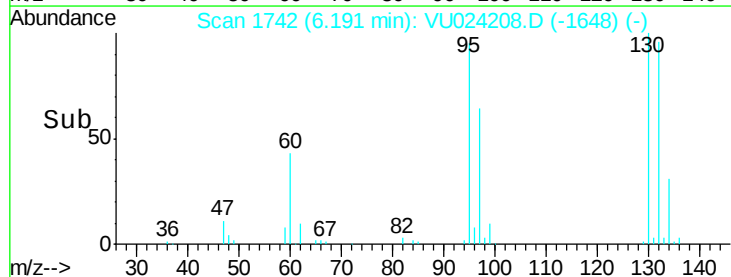
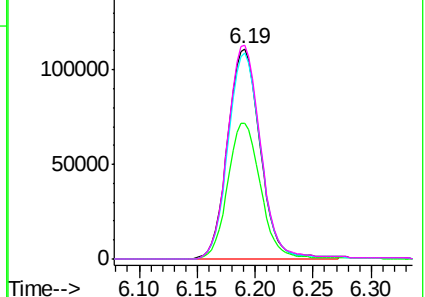


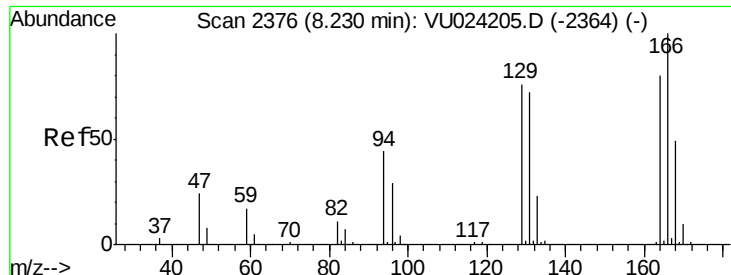
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): VU0

Ion 130.00 (129.70 to 130.70): VU0





#46

Tetrachloroethene

Concen: 2.58 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024208.D

Acq: 27 May 2018 23:51

Tot Ion:164 Resp: 4742

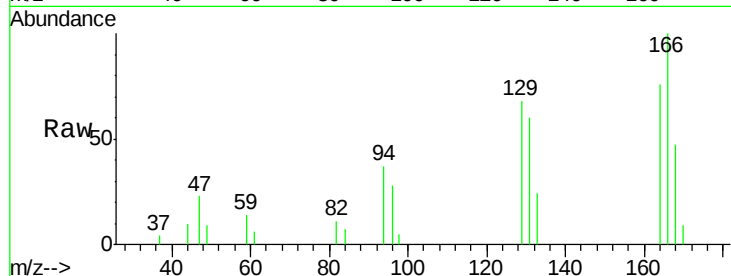
Ion Ratio Lower Upper

164 100

129 89.4 66.6 123.6

131 79.2 64.5 119.9

166 131.3 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

