

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU052618\
 Data File : VU024150.D
 Acq On : 26 May 2018 17:06
 Operator : MD/SY
 Sample : J3081-20DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 28 01:21:44 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 00:49:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	289799	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	264747	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	94725	50.00	ug/L	0.00

System Monitoring Compounds

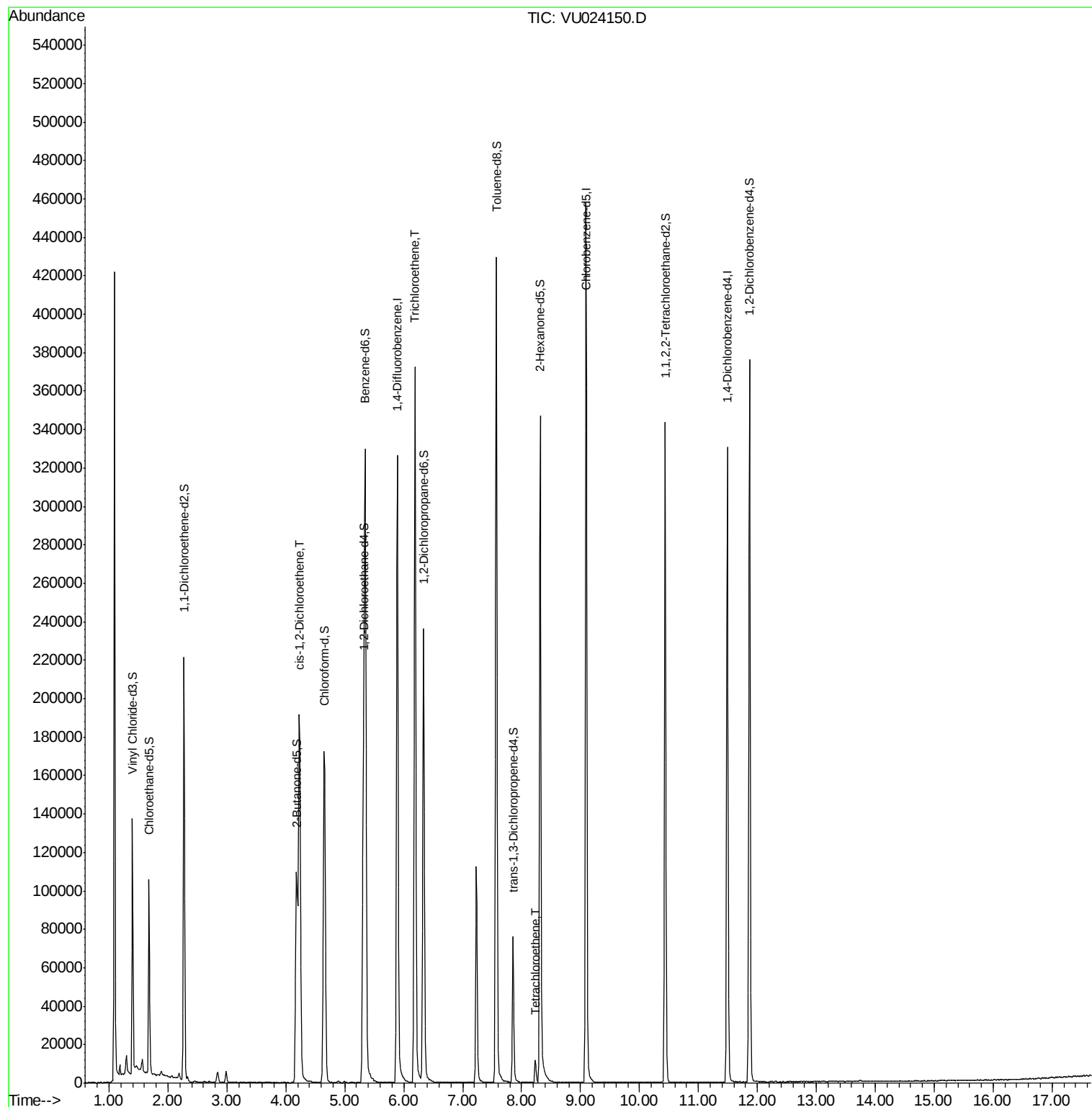
4) Vinyl Chloride-d3	1.40	65	86532	39.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.56%
7) Chloroethane-d5	1.68	69	73854	42.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.42%
11) 1,1-Dichloroethene-d2	2.27	63	126889	30.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.92%
21) 2-Butanone-d5	4.18	46	169459	96.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.75%
24) Chloroform-d	4.65	84	172711	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.50%
26) 1,2-Dichloroethane-d4	5.31	65	114723	45.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.74%
32) Benzene-d6	5.35	84	341480	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.34	67	121554	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.80%
41) Toluene-d8	7.57	98	291807	42.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.94%
43) trans-1,3-Dichloropropene-	7.85	79	44393	44.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.92%
47) 2-Hexanone-d5	8.31	63	120309	100.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.42%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	170590	46.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.14%
64) 1,2-Dichlorobenzene-d4	11.87	152	106910	51.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.96%

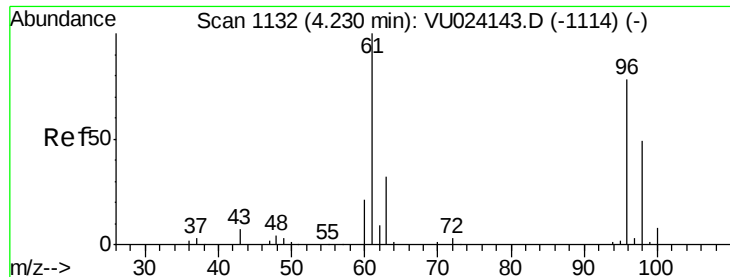
Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	4.23	96	105858	45.36	ug/L	98
34) Trichloroethene	6.19	95	132968	53.71	ug/L	97
46) Tetrachloroethene	8.23	164	3140	1.81	ug/L	93

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

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#20

cis-1,2-Dichloroethene

Concen: 45.36 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

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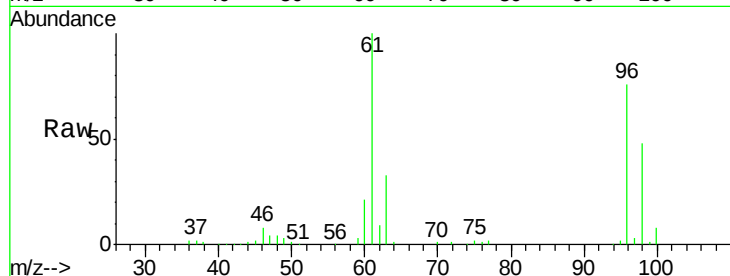
Tot Ion: 96 Resp: 105858

Ion Ratio Lower Upper

96 100

61 132.4 94.8 176.0

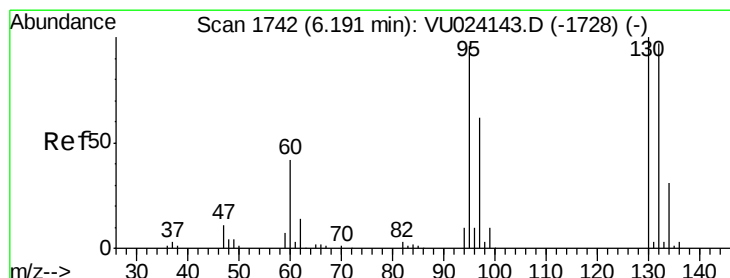
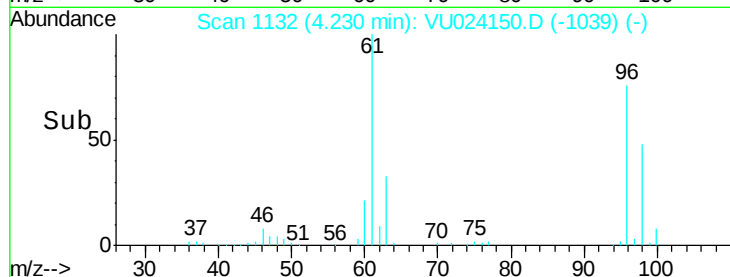
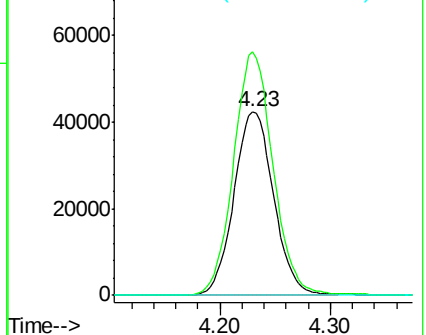
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene

Concen: 53.71 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

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Acq: 26 May 2018 17:06

Tgt Ion: 95 Resp: 132968

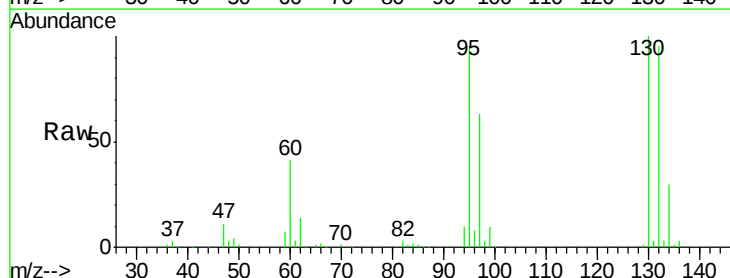
Ion Ratio Lower Upper

95 100

97 66.8 44.5 82.7

132 100.5 69.0 128.2

130 105.3 70.6 131.0

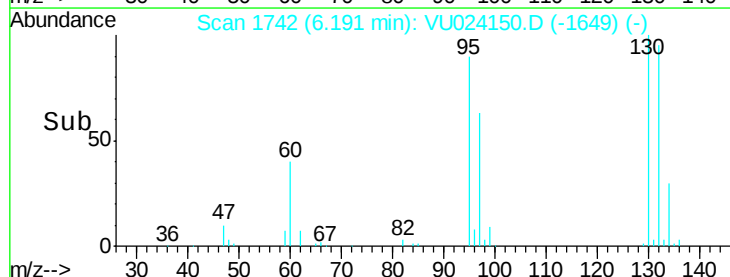
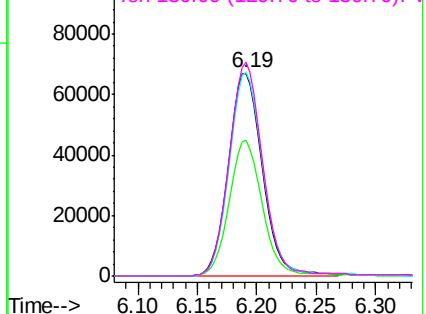


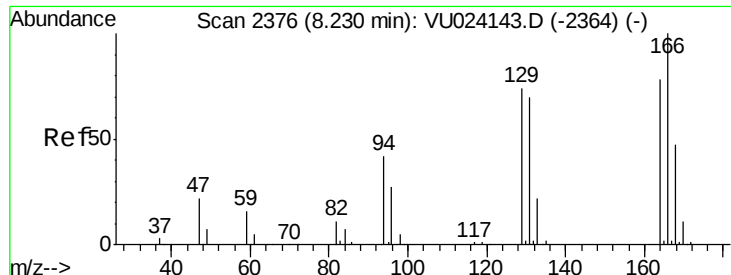
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 1.81 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024150.D

Acq: 26 May 2018 17:06

Tot Ion:164 Resp: 3140

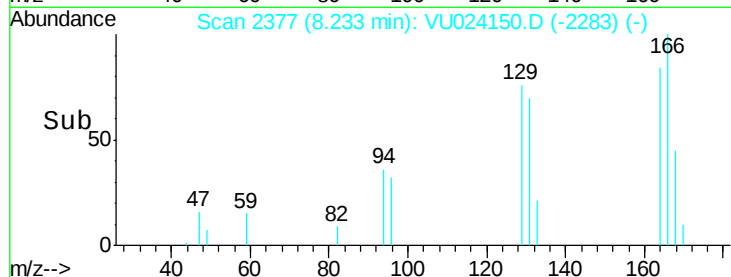
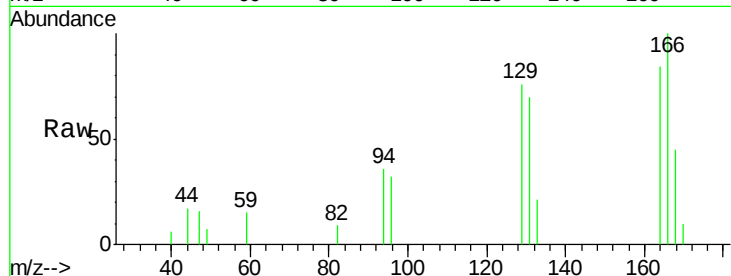
Ion Ratio Lower Upper

164 100

129 90.9 66.6 123.6

131 82.9 64.5 119.9

166 119.1 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

