

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050818\
 Data File : VU023747.D
 Acq On : 08 May 2018 20:03
 Operator : MD/SY
 Sample : J2746-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 24 17:35:42 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 09 03:02:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	349469	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	328006	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	159917	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	119349	43.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.32%
7) Chloroethane-d5	1.68	69	94956	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.04%
11) 1,1-Dichloroethene-d2	2.27	63	174902	34.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.06%
21) 2-Butanone-d5	4.18	46	217390	108.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.06%
24) Chloroform-d	4.65	84	214936	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.58%
26) 1,2-Dichloroethane-d4	5.31	65	142399	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.84%
32) Benzene-d6	5.35	84	458491	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.58%
36) 1,2-Dichloropropane-d6	6.34	67	153373	49.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.80%
41) Toluene-d8	7.57	98	416560	47.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.54%
43) trans-1,3-Dichloropropene-	7.85	79	60837	45.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.50%
47) 2-Hexanone-d5	8.31	63	156866	114.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.24%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	204725	49.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	172430	52.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.12%

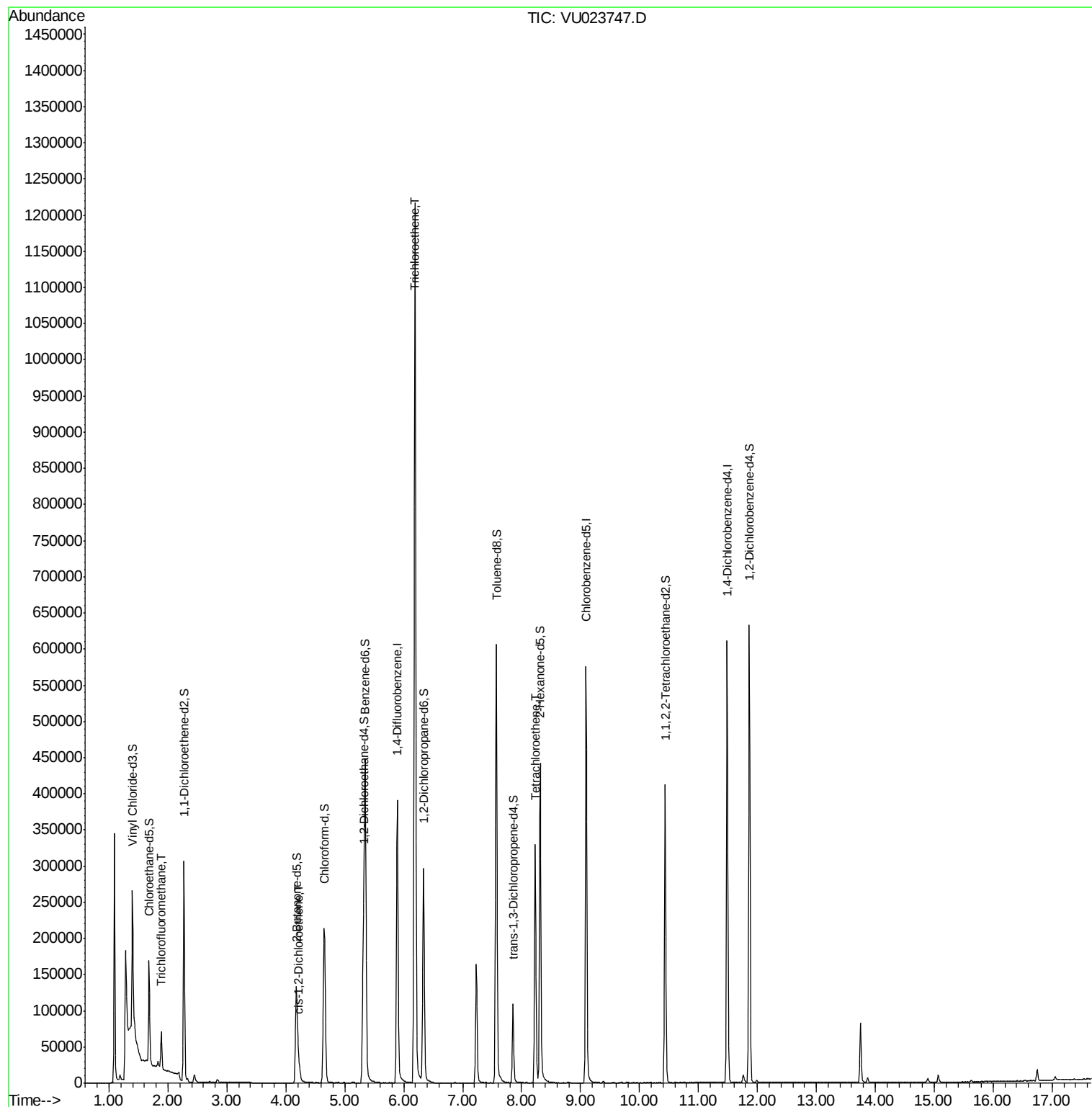
Target Compounds

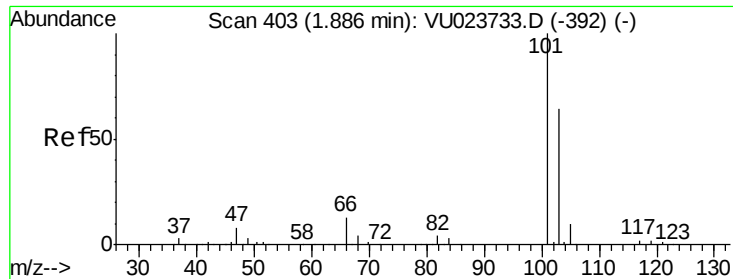
						Ovalue
9) Trichlorofluoromethane	1.89	101	29627	7.41	ug/L	96
20) cis-1,2-Dichloroethene	4.23	96	7158	2.38	ug/L	95
34) Trichloroethene	6.19	95	436360	154.66	ug/L	99
46) Tetrachloroethene	8.23	164	80302	34.38	ug/L	98

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

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#9

Trichlorofluoromethane

Concen: 7.41 ug/L

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU023747.D

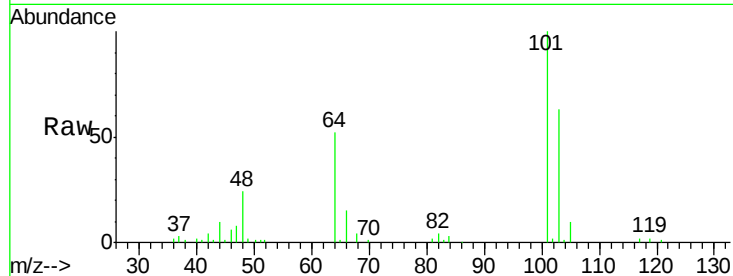
Acq: 08 May 2018 20:03

Tot Ion:101 Resp: 29627

Ion Ratio Lower Upper

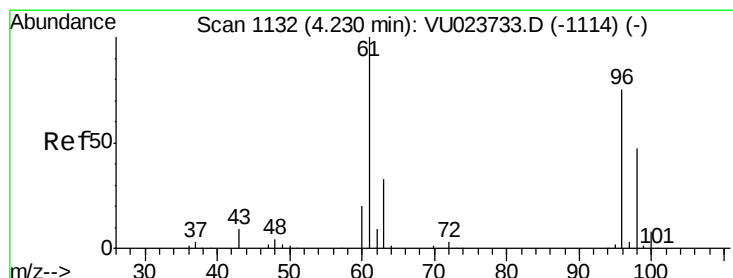
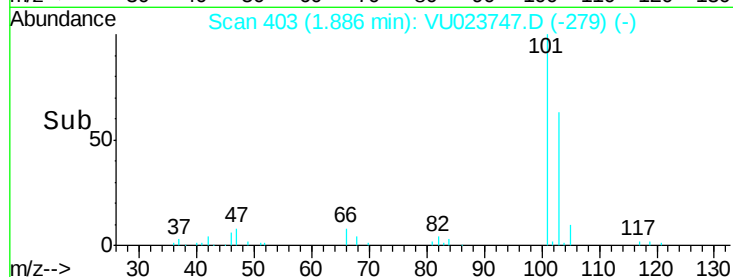
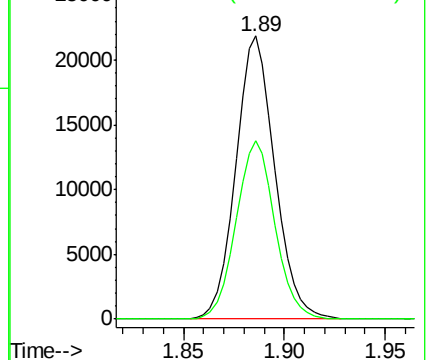
101 100

103 62.6 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#20

cis-1,2-Dichloroethene

Concen: 2.38 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU023747.D

Acq: 08 May 2018 20:03

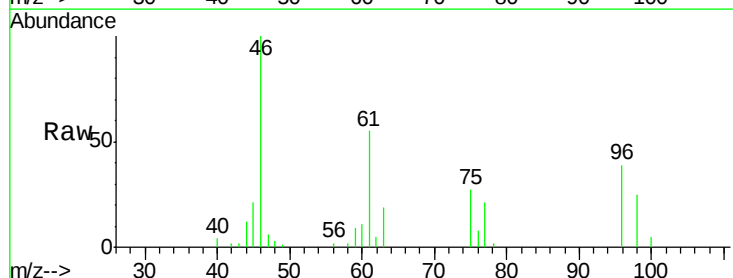
Tgt Ion: 96 Resp: 7158

Ion Ratio Lower Upper

96 100

61 140.5 93.9 174.5

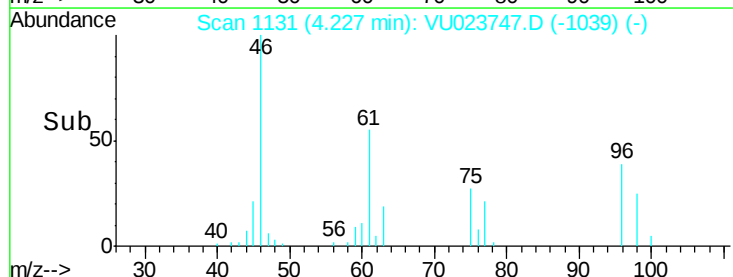
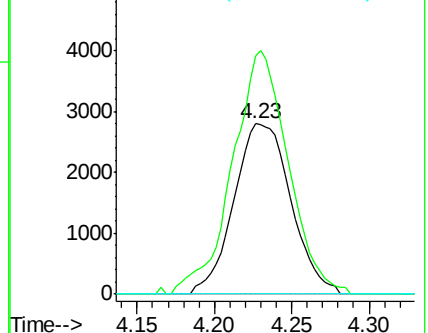
68 0.0 0.0 0.0

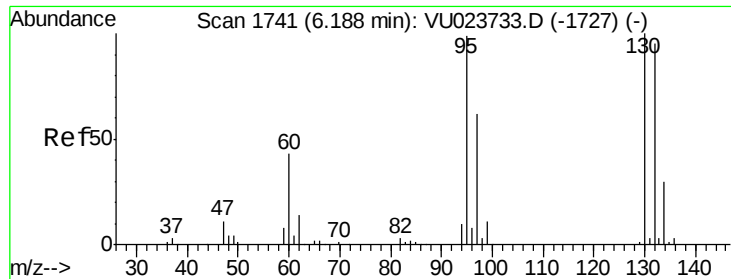


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 154.66 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU023747.D

Acq: 08 May 2018 20:03

Tot Ion: 95 Resp: 436360

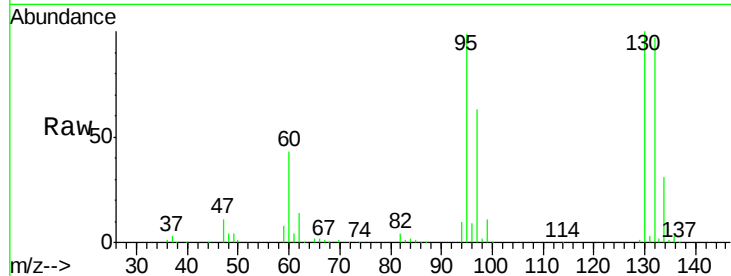
Ion Ratio Lower Upper

95 100

97 64.0 44.2 82.2

132 98.2 67.8 125.8

130 100.8 69.6 129.2

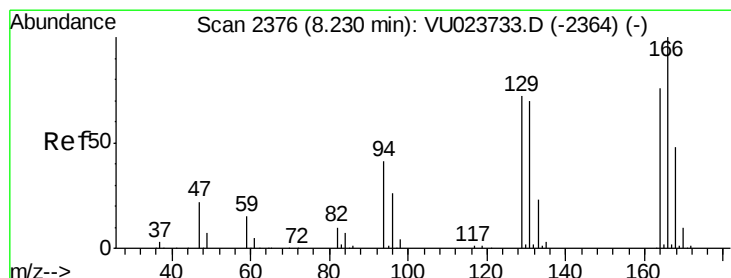
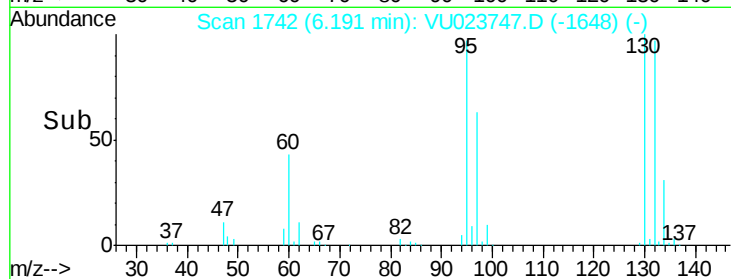
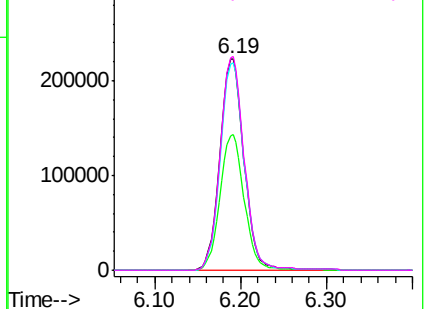


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 34.38 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU023747.D

Acq: 08 May 2018 20:03

Tgt Ion: 164 Resp: 80302

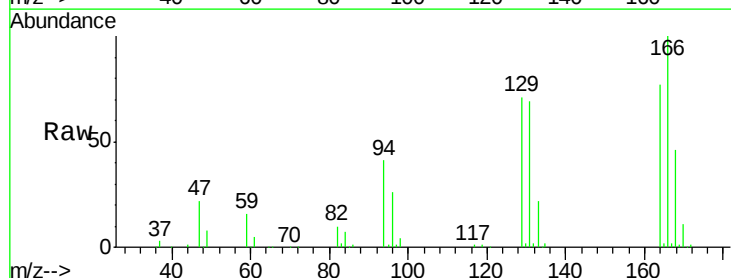
Ion Ratio Lower Upper

164 100

129 92.4 66.9 124.3

131 90.1 63.6 118.0

166 130.5 93.0 172.6



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

