

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050818\
 Data File : VU023748.D
 Acq On : 08 May 2018 20:29
 Operator : MD/SY
 Sample : J2746-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: May 09 04:40:10 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	354933	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	338826	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	166749	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	112302	40.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.90%
7) Chloroethane-d5	1.68	69	92794	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.52%
11) 1,1-Dichloroethene-d2	2.27	63	170029	33.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.10%
21) 2-Butanone-d5	4.18	46	203547	99.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.62%
24) Chloroform-d	4.65	84	207709	44.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.98%
26) 1,2-Dichloroethane-d4	5.31	65	136813	45.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.62%
32) Benzene-d6	5.35	84	440626	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.78%
36) 1,2-Dichloropropane-d6	6.34	67	151197	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.24%
41) Toluene-d8	7.57	98	408059	45.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.85	79	60601	44.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.24%
47) 2-Hexanone-d5	8.31	63	145808	102.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.80%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	199084	46.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.56%
64) 1,2-Dichlorobenzene-d4	11.87	152	167325	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%

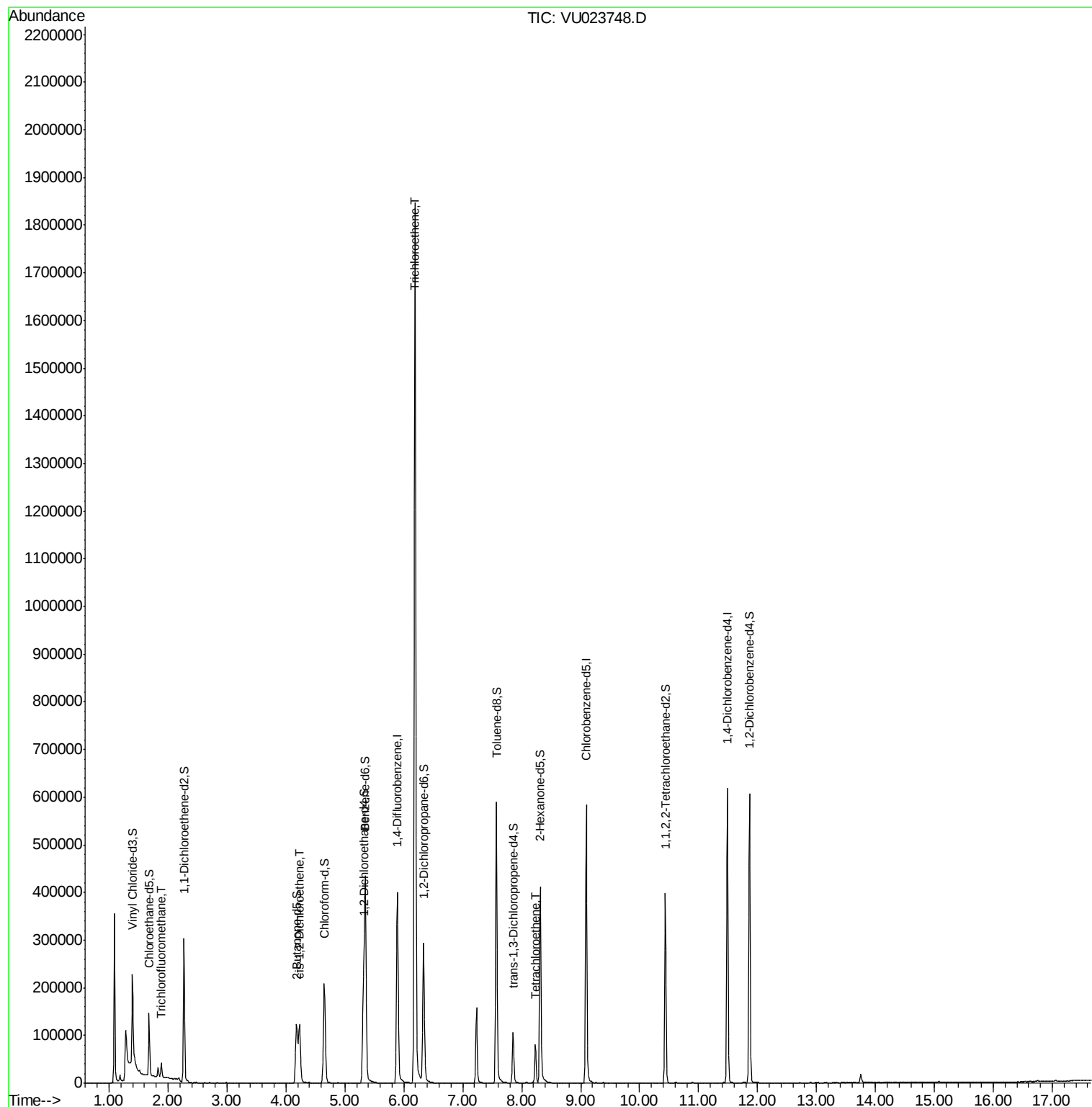
Target Compounds

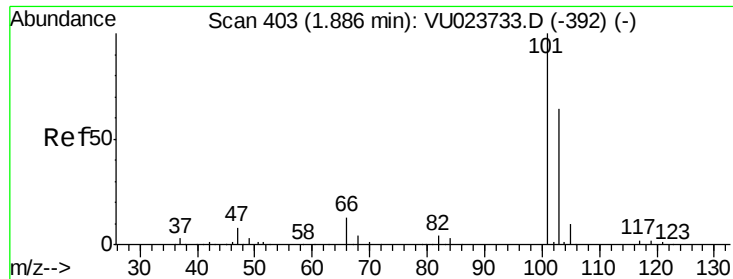
					Ovalue
9) Trichlorofluoromethane	1.89	101	15657	3.86 ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	65326	21.40 ug/L	100
34) Trichloroethene	6.19	95	658659	225.99 ug/L	99
46) Tetrachloroethene	8.23	164	19736	8.18 ug/L	98

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

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#9

Trichlorofluoromethane

Concen: 3.86 ug/L

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

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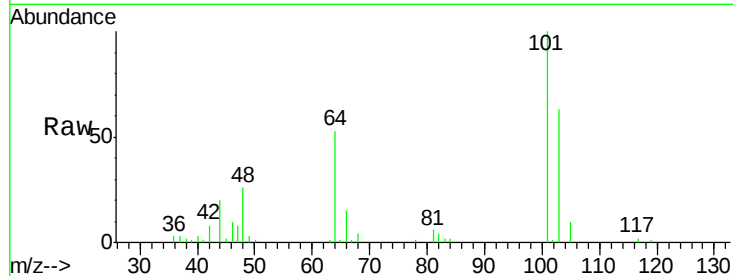
Acq: 08 May 2018 20:29

Tot Ion:101 Resp: 15657

Ion Ratio Lower Upper

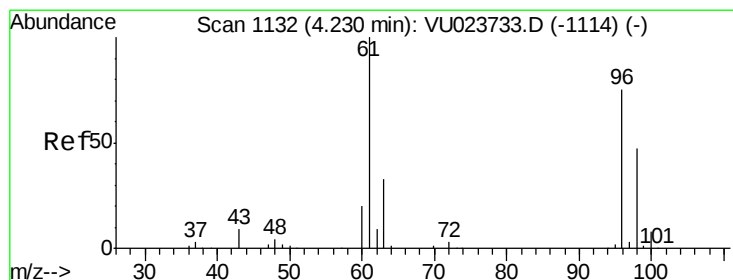
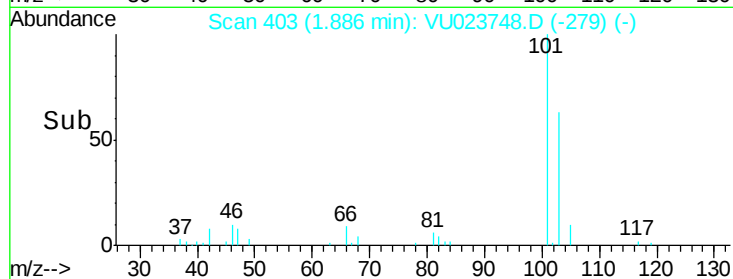
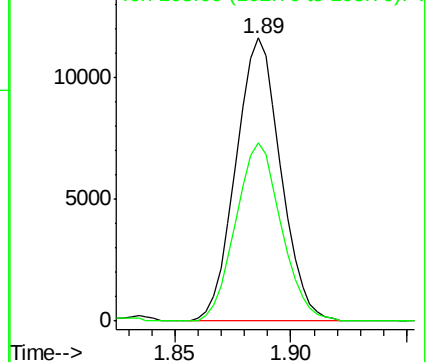
101 100

103 63.7 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: 21.40 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU023748.D

Acq: 08 May 2018 20:29

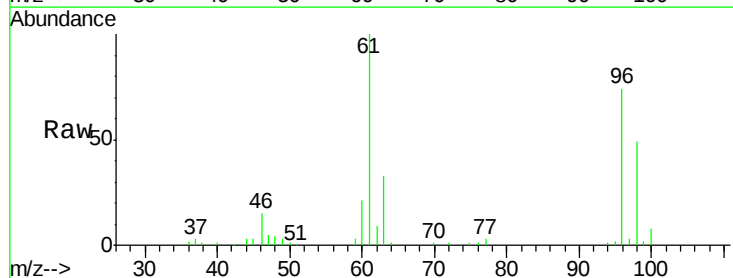
Tgt Ion: 96 Resp: 65326

Ion Ratio Lower Upper

96 100

61 134.5 93.9 174.5

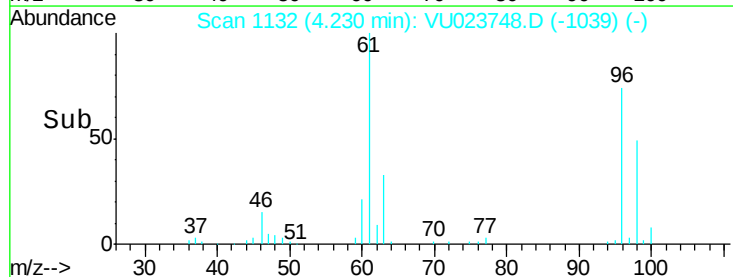
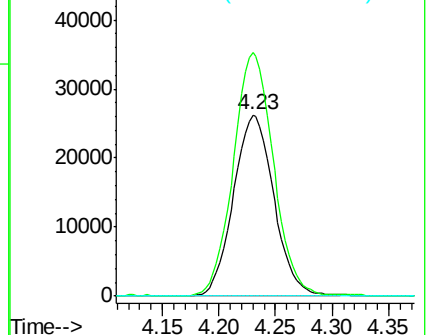
68 0.0 0.0 0.0

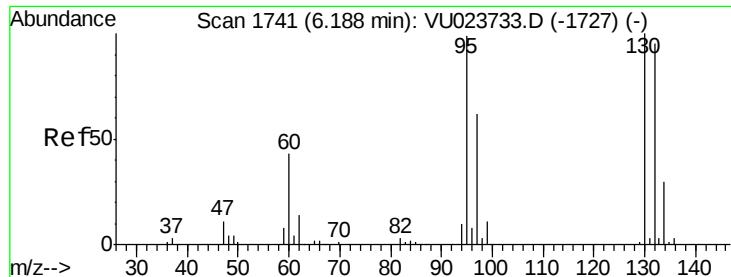


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 225.99 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU023748.D

Acq: 08 May 2018 20:29

Tot Ion: 95 Resp: 658659

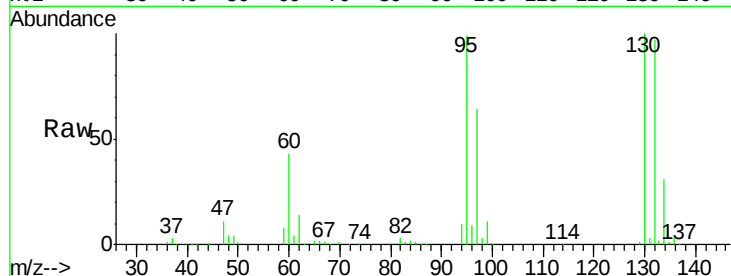
Ion Ratio Lower Upper

95 100

97 64.7 44.2 82.2

132 97.3 67.8 125.8

130 100.7 69.6 129.2

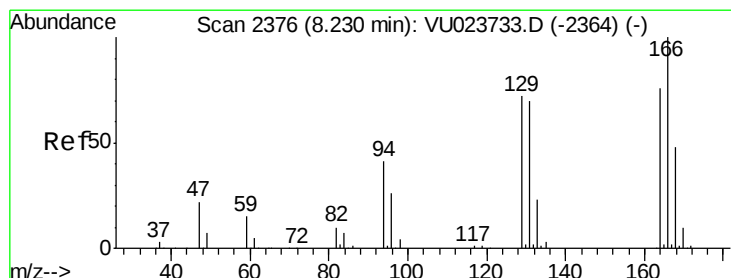
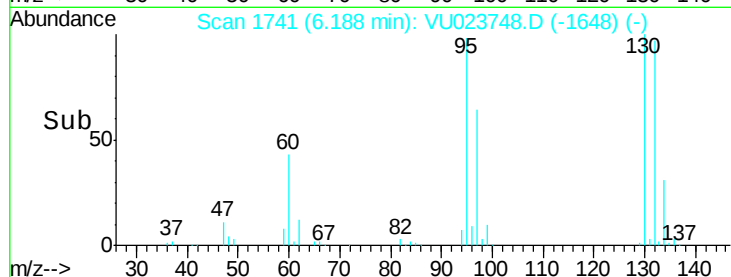
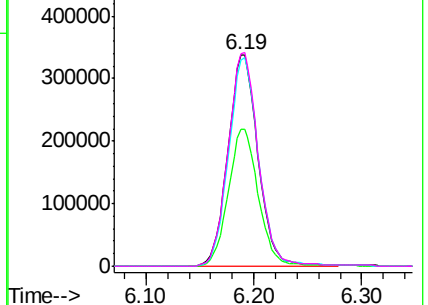


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 8.18 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

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Acq: 08 May 2018 20:29

Tgt Ion:164 Resp: 19736

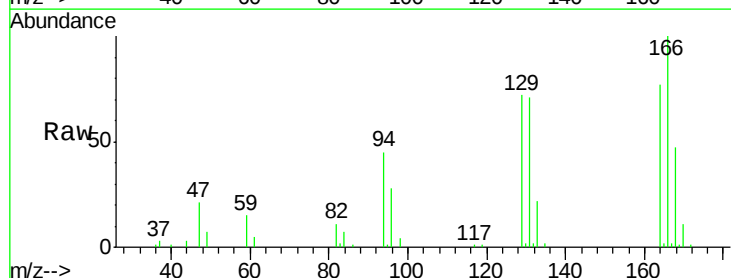
Ion Ratio Lower Upper

164 100

129 93.8 66.9 124.3

131 92.3 63.6 118.0

166 130.0 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

