

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU052618\
 Data File : VU024158.D
 Acq On : 26 May 2018 20:30
 Operator : MD/SY
 Sample : J3091-10 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 28 01:56:20 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	284383	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	265640	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	93309	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	84768	39.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.42%
7) Chloroethane-d5	1.68	69	73810	42.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.98%
11) 1,1-Dichloroethene-d2	2.27	63	125495	31.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.42%
21) 2-Butanone-d5	4.18	46	164895	95.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.94%
24) Chloroform-d	4.65	84	176000	45.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.86%
26) 1,2-Dichloroethane-d4	5.31	65	113585	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.56%
32) Benzene-d6	5.35	84	343856	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.54%
36) 1,2-Dichloropropane-d6	6.34	67	120694	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.80%
41) Toluene-d8	7.57	98	295234	43.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.66%
43) trans-1,3-Dichloropropene-	7.85	79	42946	42.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.72%
47) 2-Hexanone-d5	8.31	63	113644	94.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.54%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	169053	45.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.98%
64) 1,2-Dichlorobenzene-d4	11.87	152	106836	52.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.44%

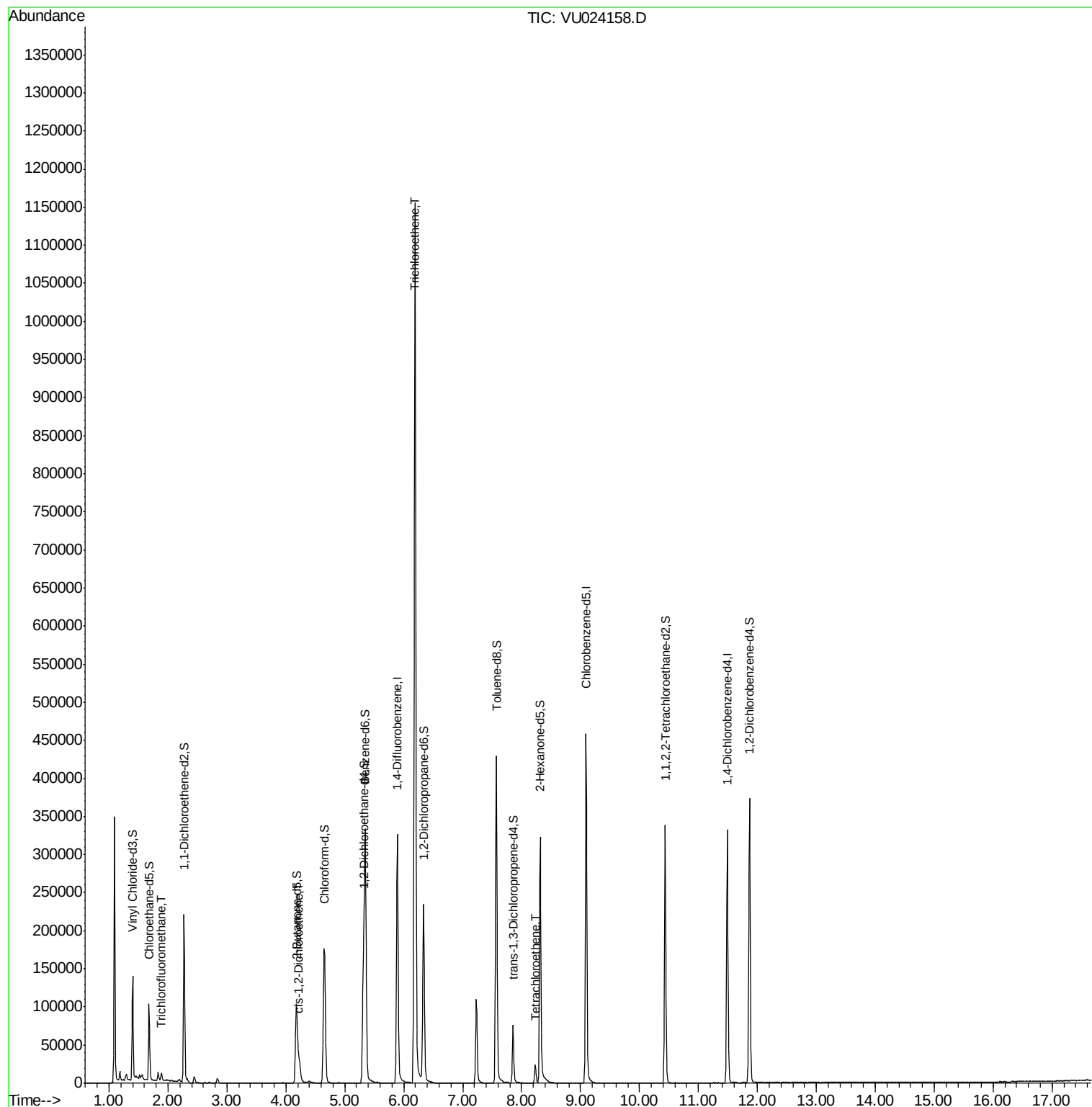
Target Compounds

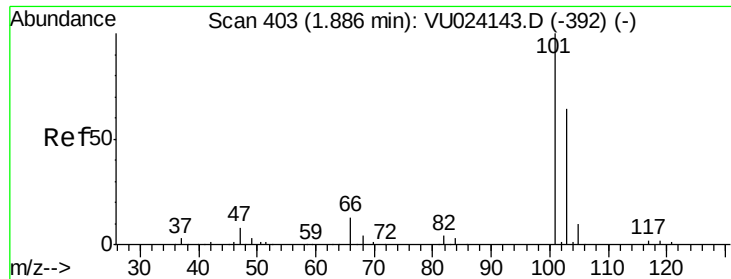
					Ovalue
9) Trichlorofluoromethane	1.89	101	4981	1.44 ug/L	93
20) cis-1,2-Dichloroethene	4.23	96	13165	5.75 ug/L	89
34) Trichloroethene	6.19	95	414008	166.67 ug/L	98
46) Tetrachloroethene	8.23	164	6142	3.53 ug/L	98

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

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#9

Trichlorofluoromethane

Concen: 1.44 ug/L

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU024158.D

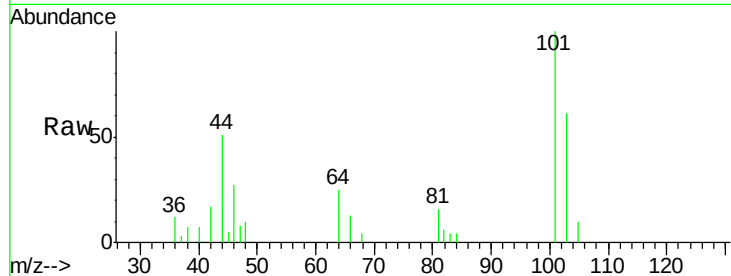
Acq: 26 May 2018 20:30

Tot Ion:101 Resp: 4981

Ion Ratio Lower Upper

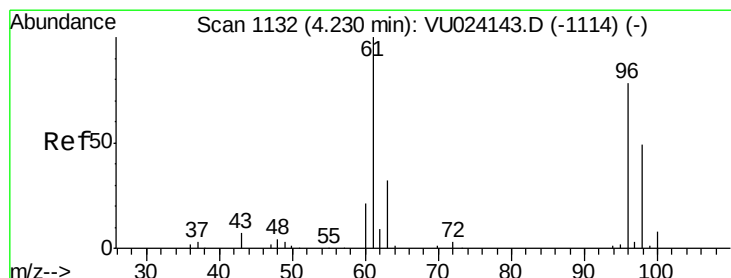
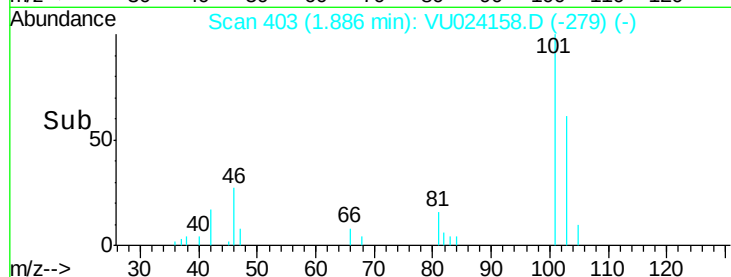
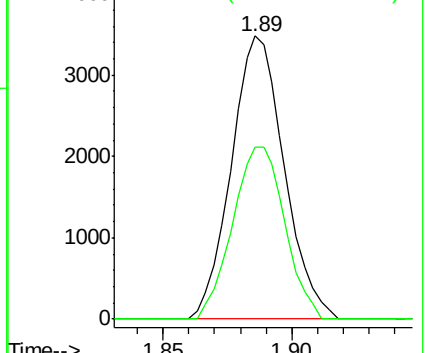
101 100

103 59.7 52.1 78.1



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: 5.75 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024158.D

Acq: 26 May 2018 20:30

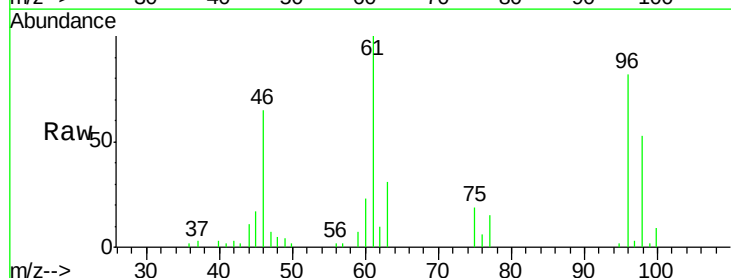
Tgt Ion: 96 Resp: 13165

Ion Ratio Lower Upper

96 100

61 122.4 94.8 176.0

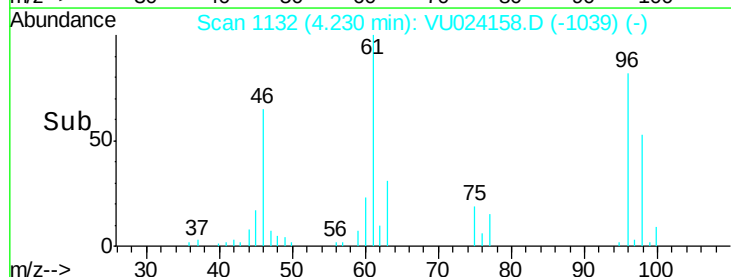
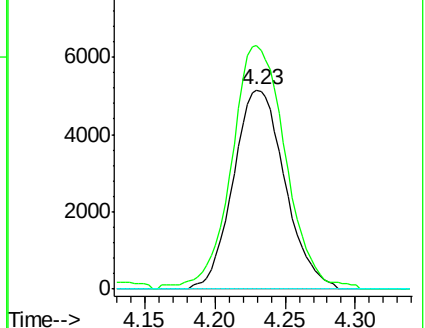
68 0.0 0.0 0.0

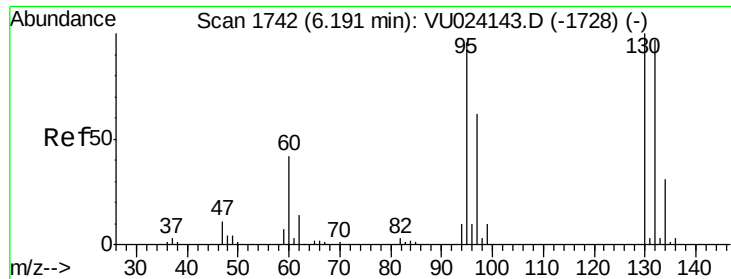


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 166.67 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024158.D

Acq: 26 May 2018 20:30

Tot Ion: 95 Resp: 414008

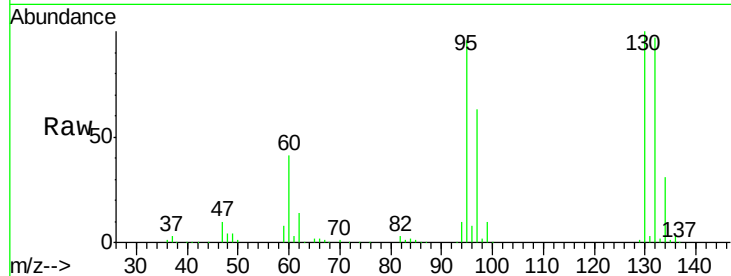
Ion Ratio Lower Upper

95 100

97 65.4 44.5 82.7

132 100.5 69.0 128.2

130 103.6 70.6 131.0

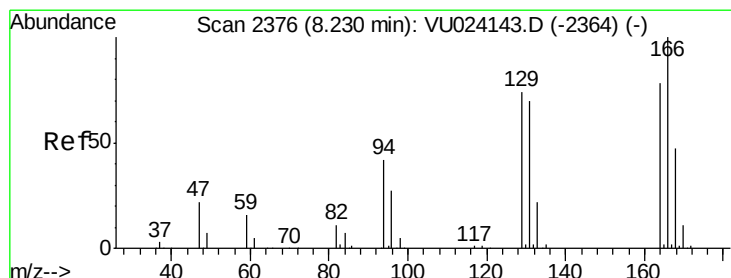
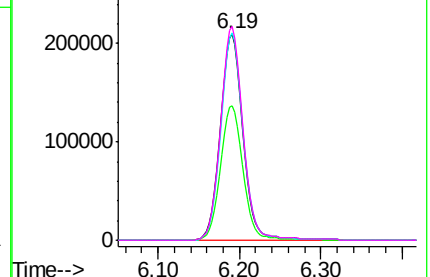
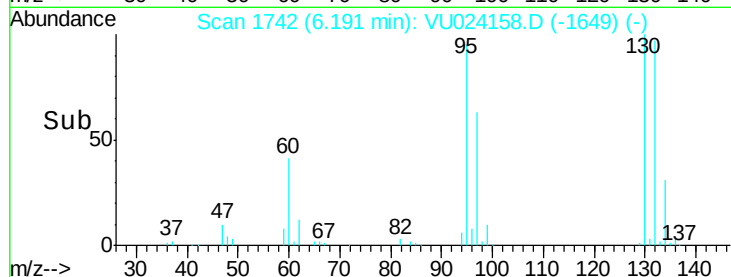


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 3.53 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024158.D

Acq: 26 May 2018 20:30

Tgt Ion: 164 Resp: 6142

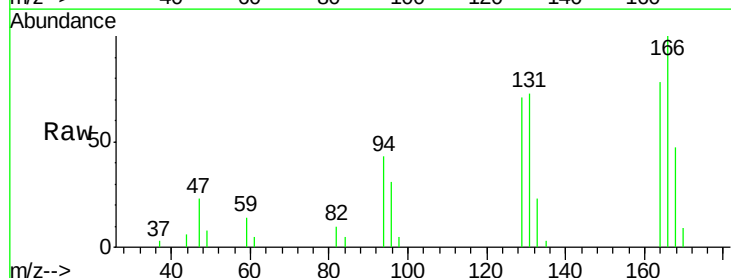
Ion Ratio Lower Upper

164 100

129 91.0 66.6 123.6

131 93.6 64.5 119.9

166 128.0 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

