

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080418\
 Data File : VU025836.D
 Acq On : 03 Aug 2018 22:18
 Operator : MD/SY
 Sample : J4340-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F76

Quant Time: Aug 04 00:58:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 23:51:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	306612	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	291072	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	129914	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77716	44.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.80%
7) Chloroethane-d5	1.68	69	65015	45.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.06%
11) 1,1-Dichloroethene-d2	2.27	63	124799	34.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.50%
21) 2-Butanone-d5	4.18	46	145136	107.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.40%
24) Chloroform-d	4.65	84	180189	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.42%
26) 1,2-Dichloroethane-d4	5.31	65	125115	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.04%
32) Benzene-d6	5.35	84	349831	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.72%
36) 1,2-Dichloropropane-d6	6.34	67	112994	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.96%
41) Toluene-d8	7.57	98	323757	45.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.44%
43) trans-1,3-Dichloropropene-	7.85	79	53880	43.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.70%
47) 2-Hexanone-d5	8.31	63	101583	100.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.86%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	149556	44.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	124342	47.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.46%

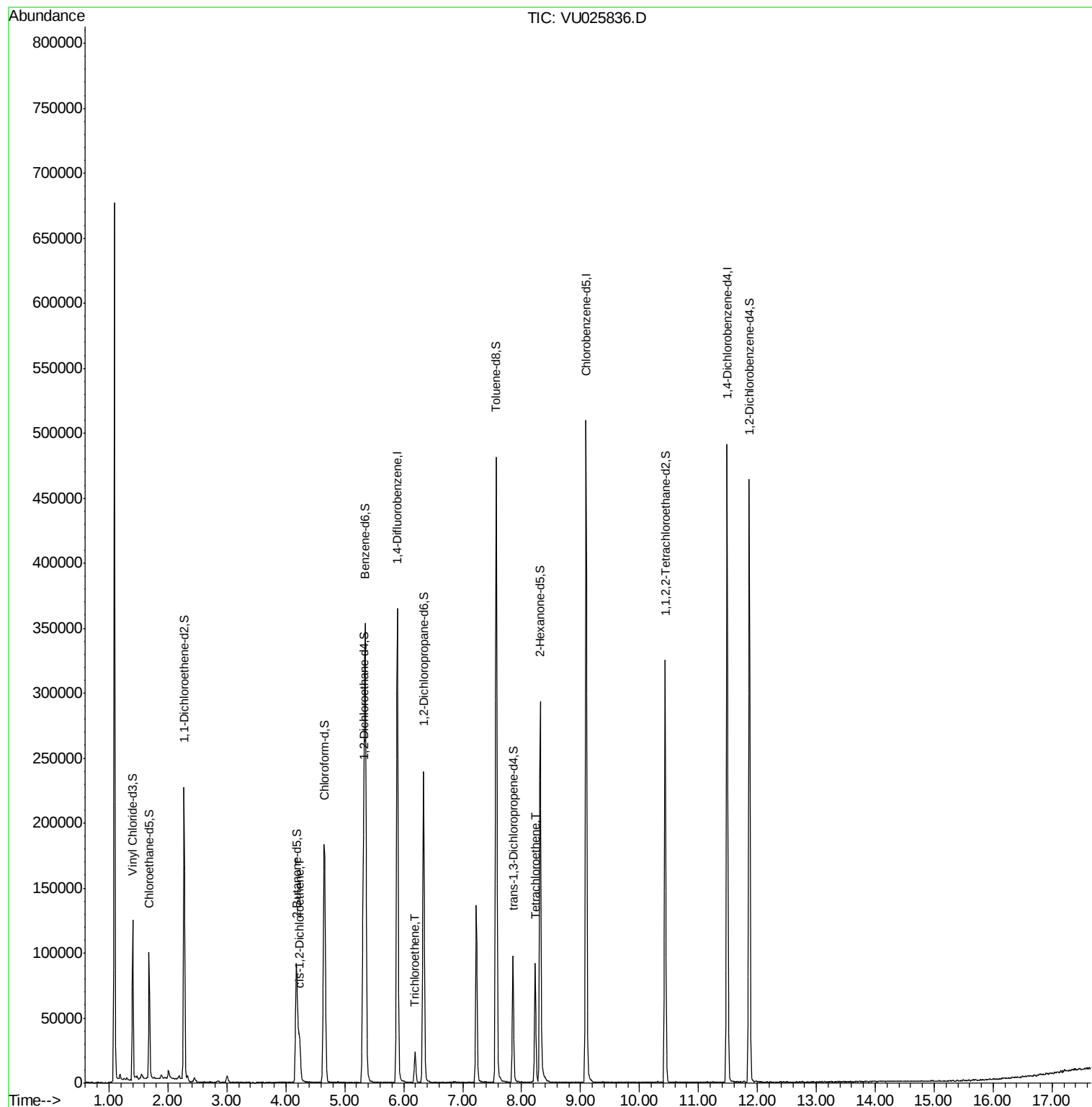
Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	4.23	96	16243	7.22	ug/L	97
34) Trichloroethene	6.19	95	8252	3.72	ug/L	98
46) Tetrachloroethene	8.23	164	20479	10.65	ug/L	96

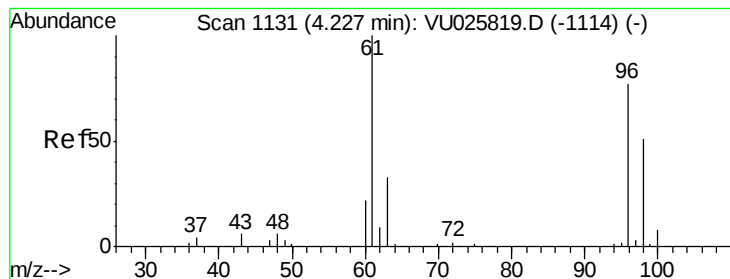
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 7.22 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

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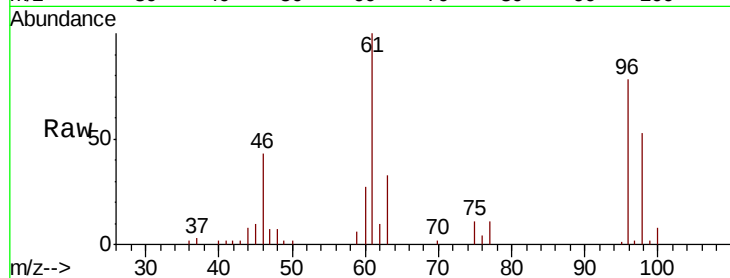
Tot Ion: 96 Resp: 16243

Ion Ratio Lower Upper

96 100

61 128.6 87.4 162.2

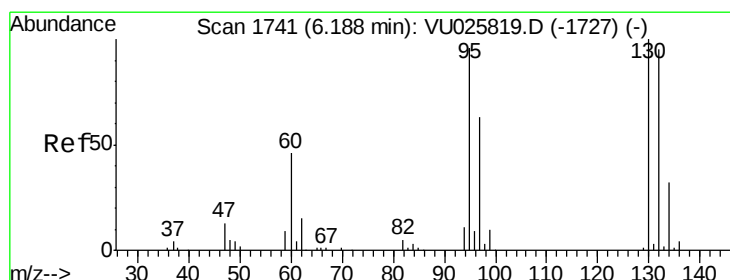
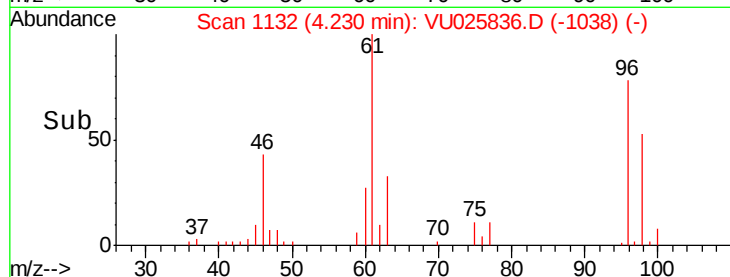
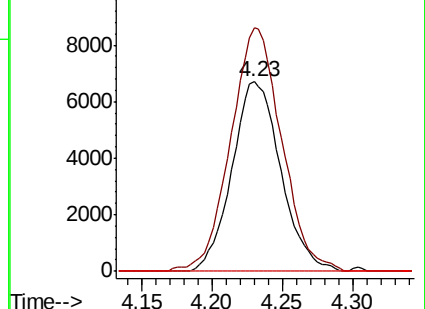
68 0.0 0.0 0.0



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: 3.72 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

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Acq: 03 Aug 2018 22:18

Tgt Ion: 95 Resp: 8252

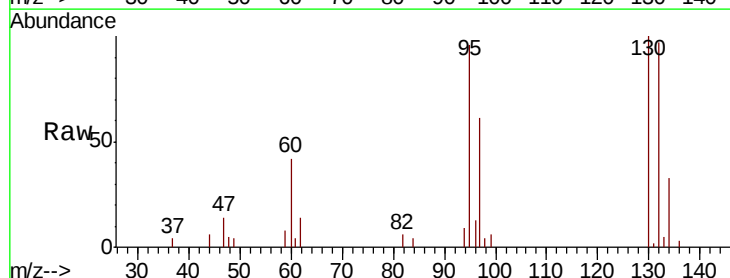
Ion Ratio Lower Upper

95 100

97 63.8 45.9 85.3

132 101.4 72.2 134.2

130 104.6 74.9 139.1

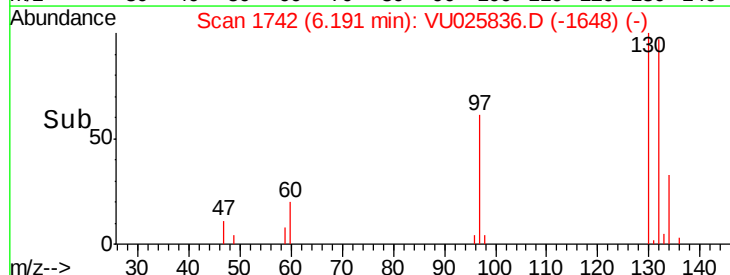
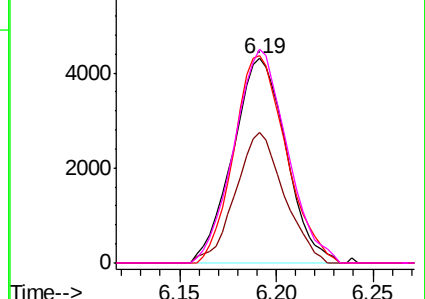


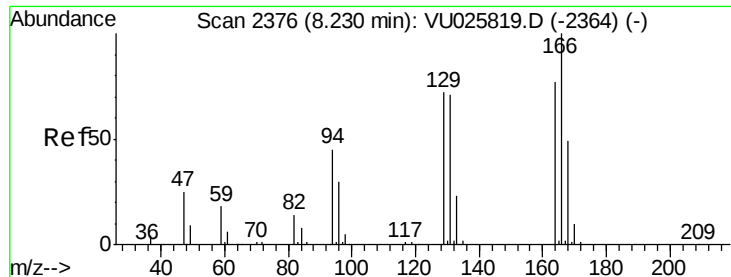
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 10.65 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

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Tot Ion:164 Resp: 20479

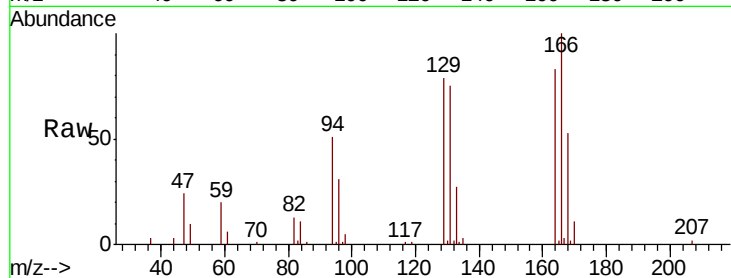
Ion Ratio Lower Upper

164 100

129 95.0 65.1 120.9

131 90.6 62.8 116.6

166 120.8 89.7 166.7



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

