

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080518\
 Data File : VU025872.D
 Acq On : 04 Aug 2018 14:37
 Operator : MD/SY
 Sample : J4340-07DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F72DL

Quant Time: Aug 06 01:46:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 06 01:30:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	306841	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287256	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	138070	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67336	38.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.88%
7) Chloroethane-d5	1.68	69	60671	41.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.98%
11) 1,1-Dichloroethene-d2	2.27	63	119267	32.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.40%
21) 2-Butanone-d5	4.18	46	138958	102.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.75%
24) Chloroform-d	4.65	84	173228	44.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.31	65	119925	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
32) Benzene-d6	5.35	84	328167	44.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.08%
36) 1,2-Dichloropropane-d6	6.33	67	108366	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.30%
41) Toluene-d8	7.57	98	305370	43.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.44%
43) trans-1,3-Dichloropropene-	7.85	79	52413	43.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.46%
47) 2-Hexanone-d5	8.31	63	96578	97.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.16%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	149150	44.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	128042	45.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.52%

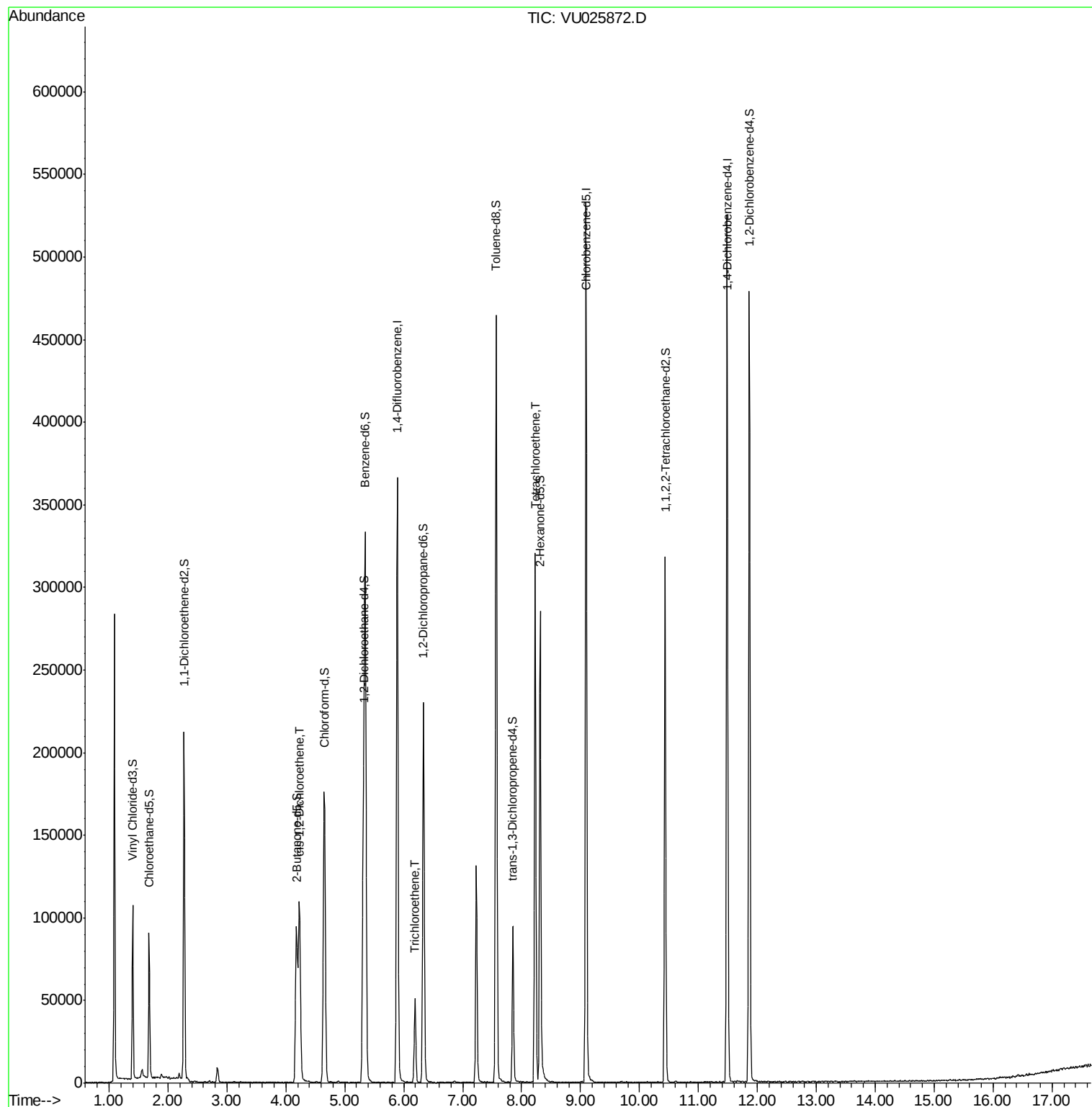
Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	4.23	96	57143	25.39	ug/L	96
34) Trichloroethene	6.19	95	17076	7.80	ug/L	94
46) Tetrachloroethene	8.23	164	72366	38.12	ug/L	99

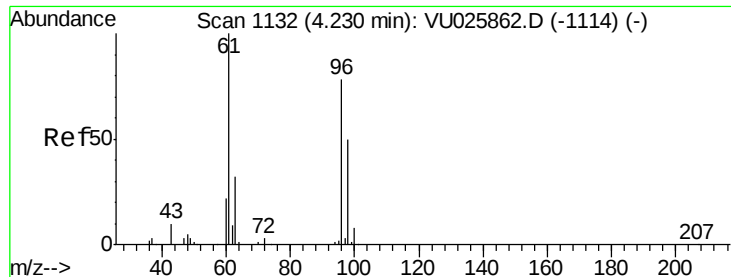
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 25.39 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

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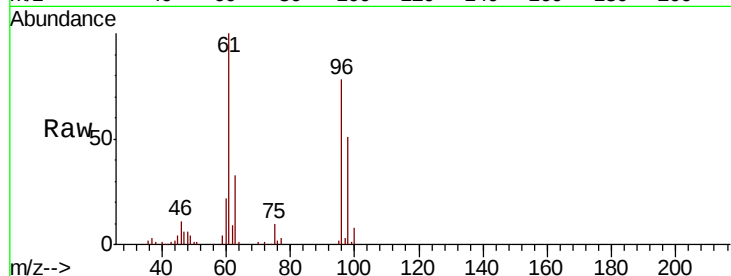
Tot Ion: 96 Resp: 57143

Ion Ratio Lower Upper

96 100

61 129.0 87.4 162.2

68 0.0 0.0 0.0

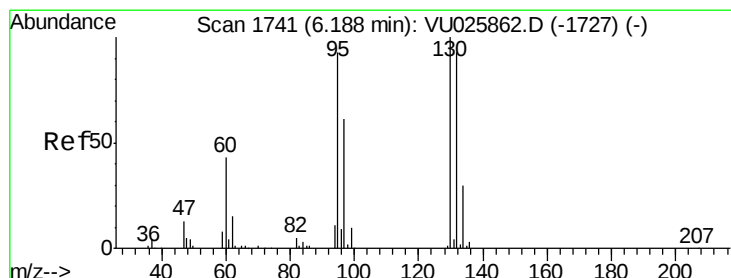
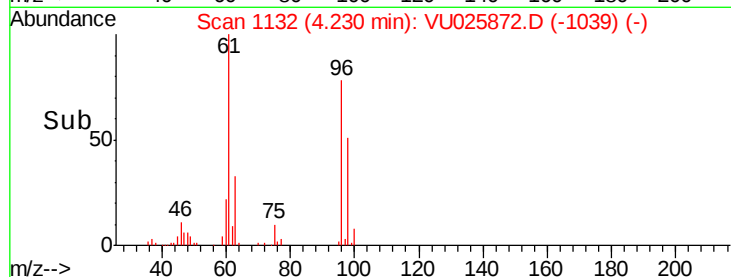
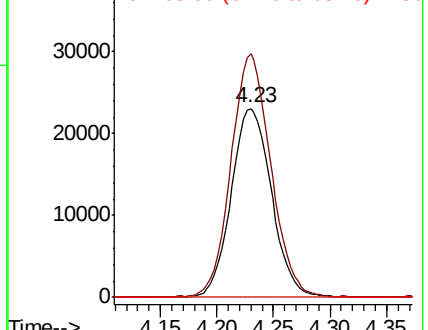


Abundance

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: 7.80 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

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Tgt Ion: 95 Resp: 17076

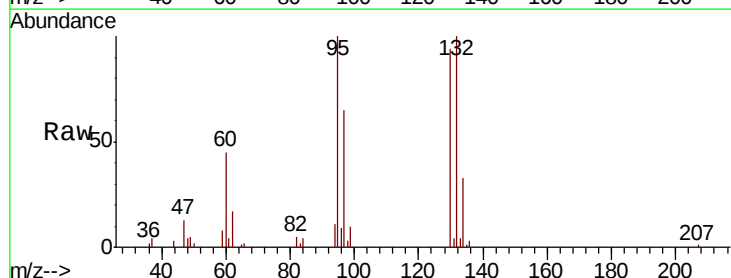
Ion Ratio Lower Upper

95 100

97 64.5 45.9 85.3

132 100.0 72.2 134.2

130 94.2 74.9 139.1



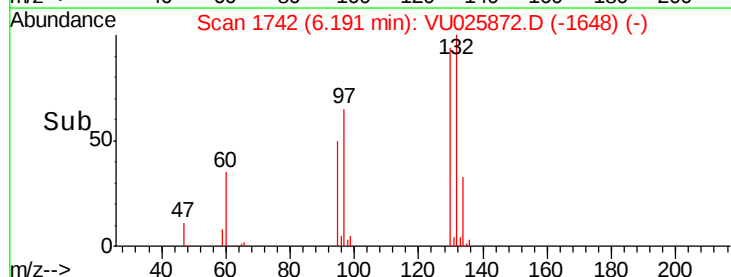
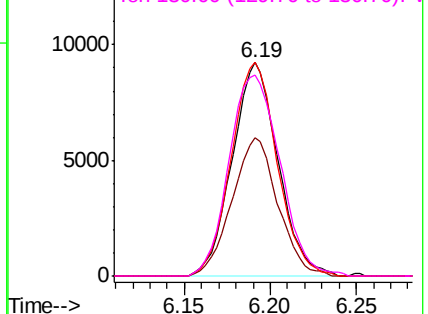
Abundance

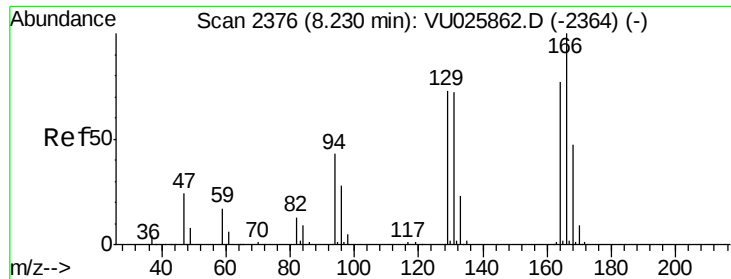
Ion 95.00 (94.70 to 95.70): VU0

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: 38.12 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

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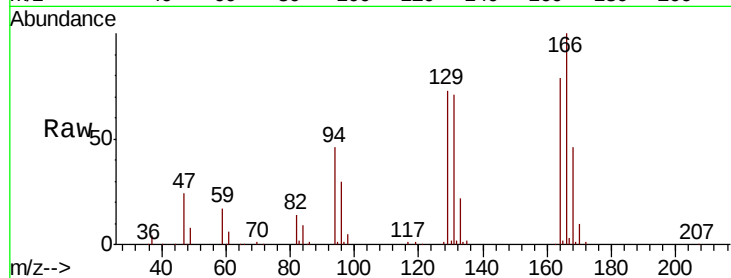
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Tot Ion:164 Resp: 72366

Ion Ratio Lower Upper

164 100

129 91.6 65.1 120.9

131 89.8 62.8 116.6

166 126.3 89.7 166.7

