

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083118\
 Data File : VU026505.D
 Acq On : 31 Aug 2018 17:22
 Operator : MD/SY
 Sample : J4691-08 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE05

Quant Time: Sep 01 04:53:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 01 01:02:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	156728	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	147719	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	64276	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37481	38.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.20%
7) Chloroethane-d5	1.68	69	36151	41.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.44%
11) 1,1-Dichloroethene-d2	2.27	63	55227	25.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.50%#
21) 2-Butanone-d5	4.18	46	73689	97.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.77%
24) Chloroform-d	4.65	84	80621	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.92%
26) 1,2-Dichloroethane-d4	5.31	65	54920	44.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.96%
32) Benzene-d6	5.34	84	156201	45.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.76%
36) 1,2-Dichloropropane-d6	6.33	67	55917	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.62%
41) Toluene-d8	7.57	98	140956	42.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.78%
43) trans-1,3-Dichloropropene-	7.85	79	23734	44.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.88%
47) 2-Hexanone-d5	8.31	63	54190	101.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	81260	47.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	58473	50.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.28%

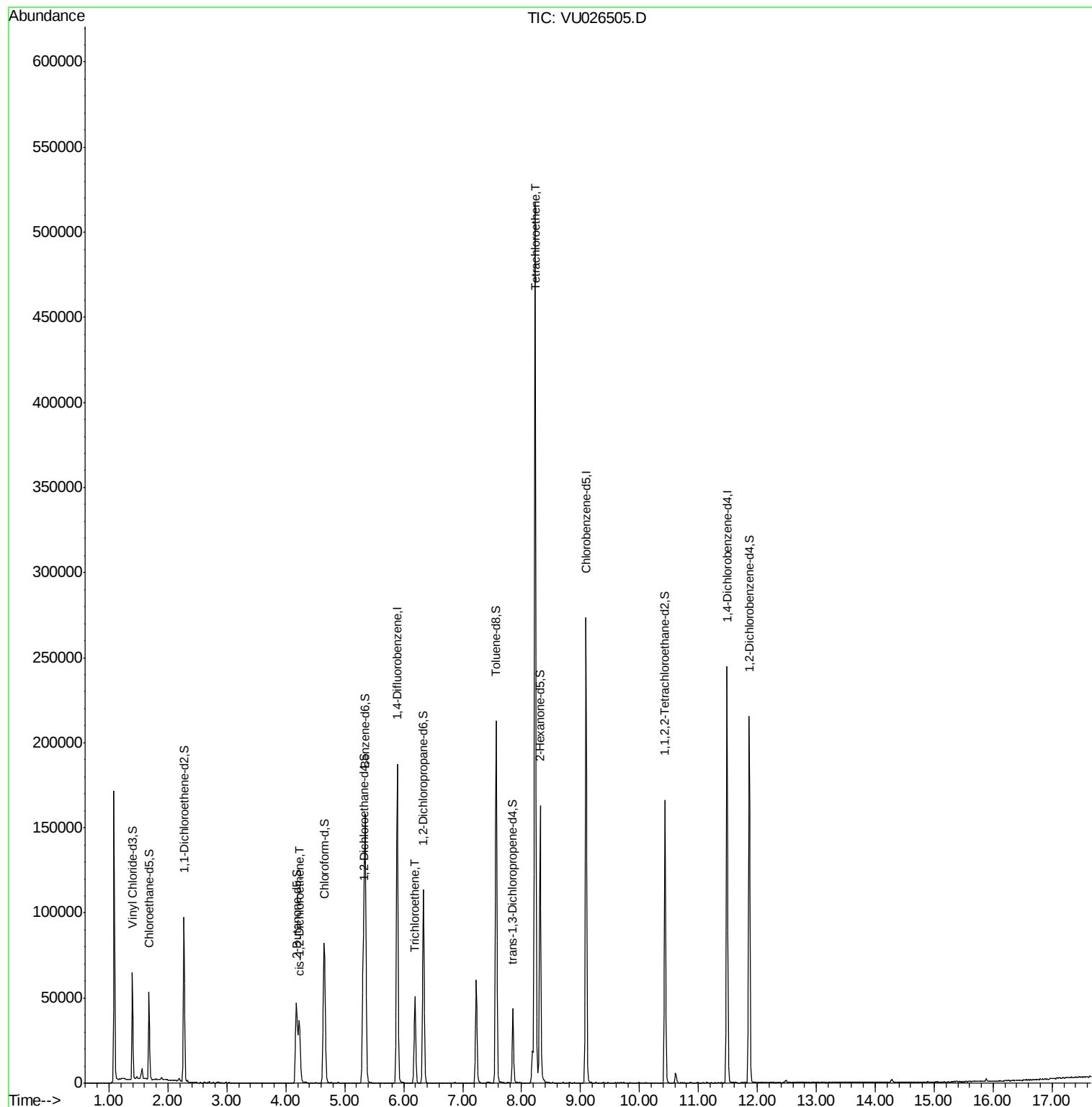
Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	4.23	96	18315	16.16	ug/L	97
34) Trichloroethene	6.19	95	17441	16.42	ug/L	97
46) Tetrachloroethene	8.23	164	113776	131.01	ug/L	97

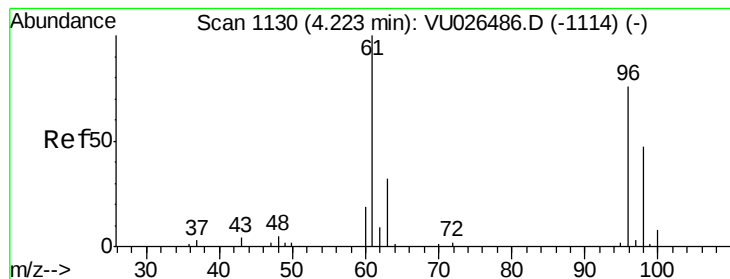
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 16.16 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

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BEE05

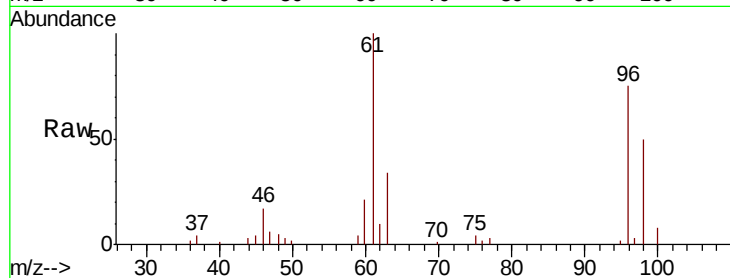
Tot Ion: 96 Resp: 18315

Ion Ratio Lower Upper

96 100

61 134.1 91.6 170.2

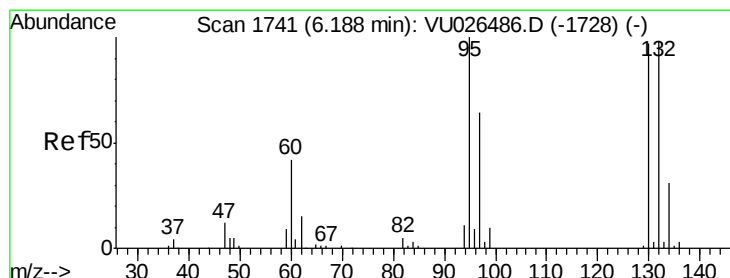
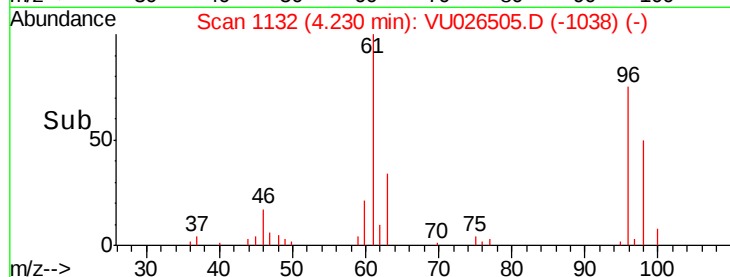
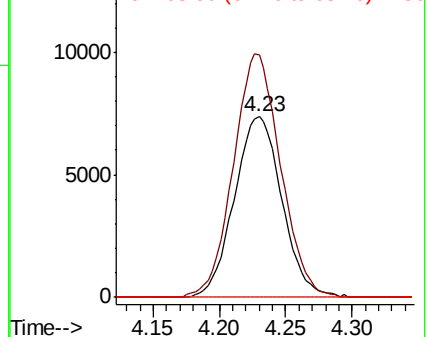
68 0.0 0.0 0.0



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: 16.42 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

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Acq: 31 Aug 2018 17:22

Tgt Ion: 95 Resp: 17441

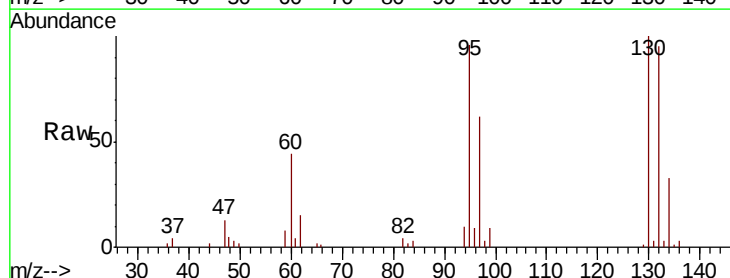
Ion Ratio Lower Upper

95 100

97 64.5 45.1 83.7

132 99.0 67.5 125.3

130 103.7 69.3 128.7

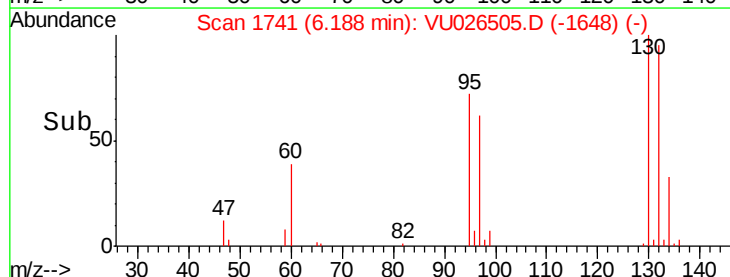
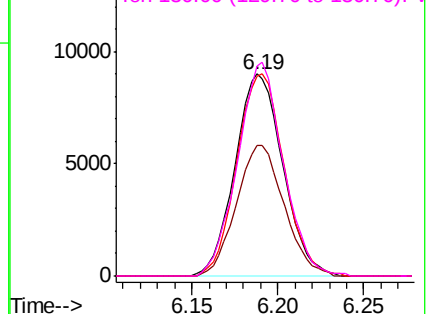


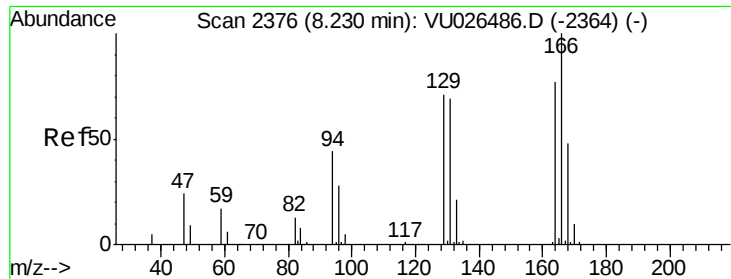
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 131.01 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

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ClientSampleId :

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Tot Ion:164 Resp: 113776

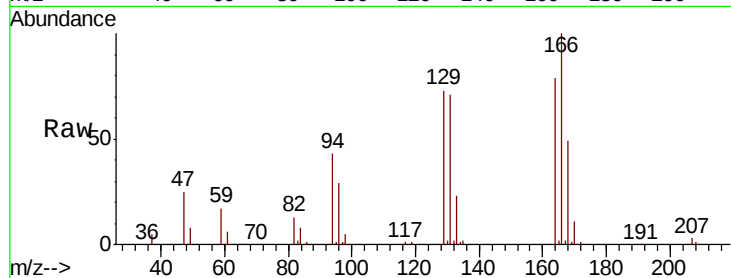
Ion Ratio Lower Upper

164 100

129 93.3 67.3 125.1

131 90.2 65.3 121.3

166 127.3 90.9 168.7



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

