

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090418\
 Data File : VU026521.D
 Acq On : 04 Sep 2018 13:35
 Operator : MD/SY
 Sample : J4694-06 25X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE24

Quant Time: Sep 05 02:16:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 05 01:11:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	169160	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	159054	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	67323	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51561	49.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.40%
7) Chloroethane-d5	1.68	69	43849	46.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.64%
11) 1,1-Dichloroethene-d2	2.27	63	68471	29.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.02%#
21) 2-Butanone-d5	4.18	46	72478	89.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.10%
24) Chloroform-d	4.65	84	81780	41.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.62%
26) 1,2-Dichloroethane-d4	5.31	65	55774	42.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.64%
32) Benzene-d6	5.34	84	164516	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.76%
36) 1,2-Dichloropropane-d6	6.33	67	57150	45.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.76%
41) Toluene-d8	7.57	98	146327	41.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.70%
43) trans-1,3-Dichloropropene-	7.85	79	24194	42.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.14%
47) 2-Hexanone-d5	8.31	63	52329	90.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	77381	41.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	57406	47.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.00%

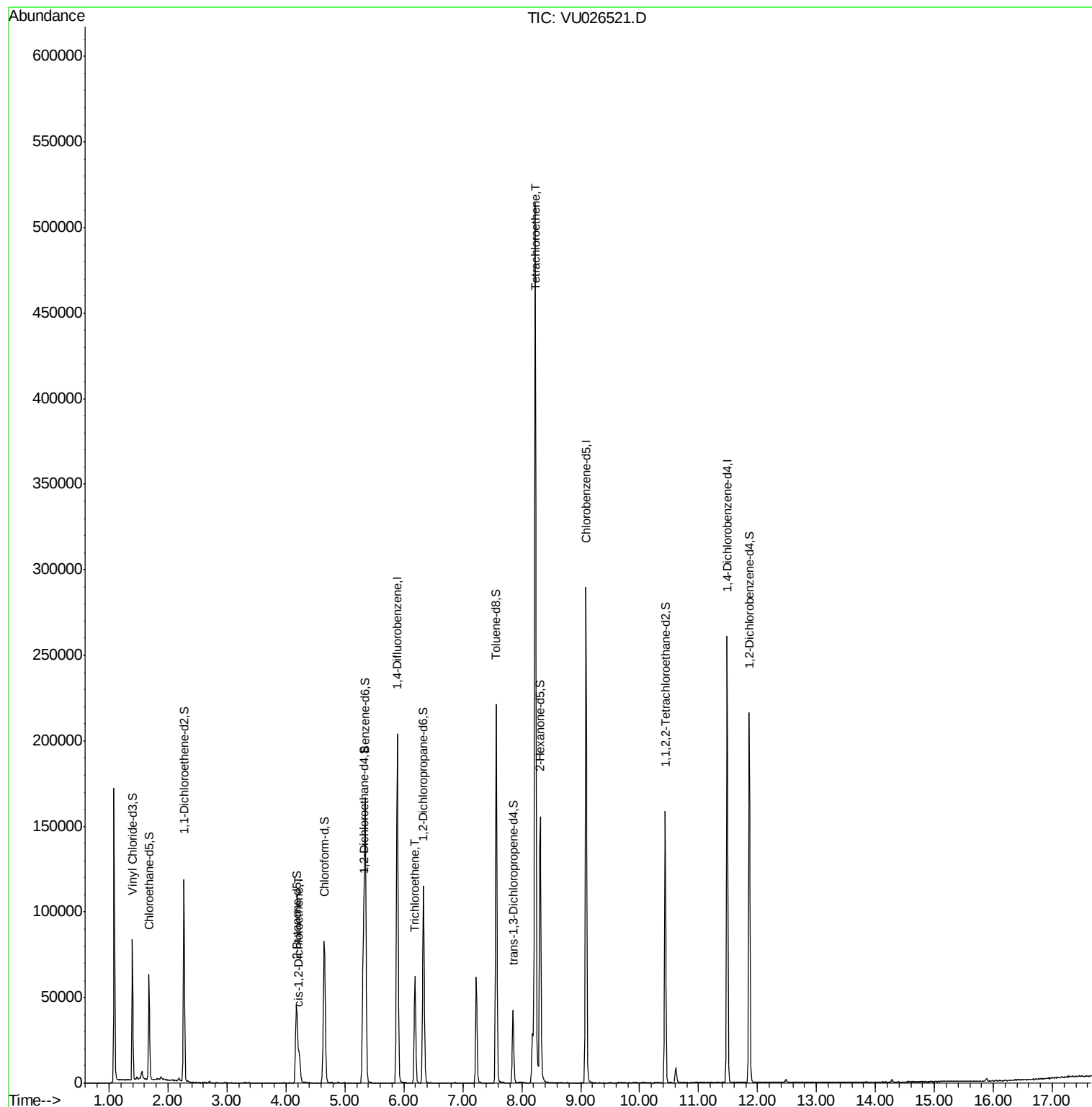
Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	4.23	96	7767	6.35	ug/L	93
34) Trichloroethene	6.19	95	22087	19.31	ug/L	97
46) Tetrachloroethene	8.23	164	112527	120.34	ug/L	97

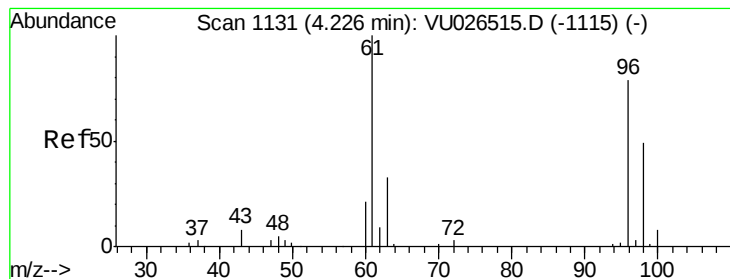
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 6.35 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampled :

BEE24

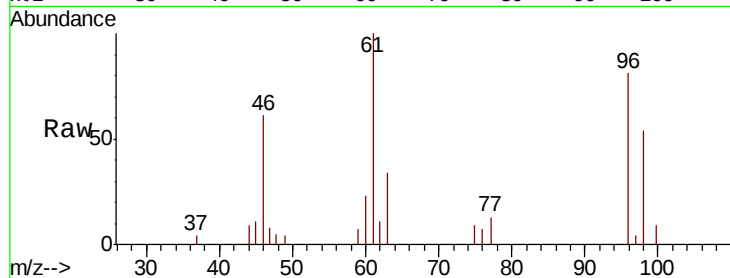
Tot Ion: 96 Resp: 7767

Ion Ratio Lower Upper

96 100

61 123.0 91.6 170.2

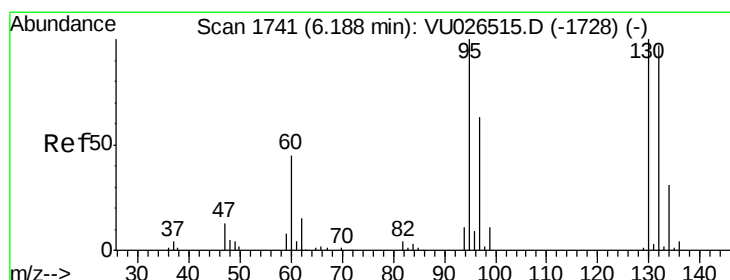
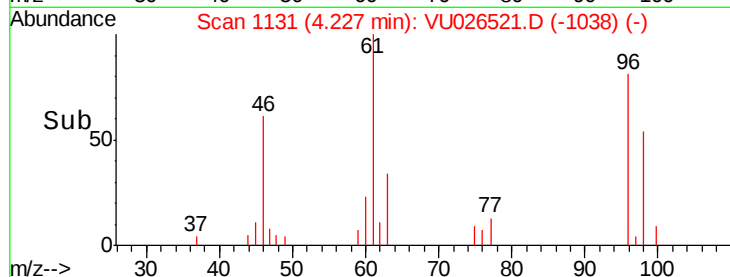
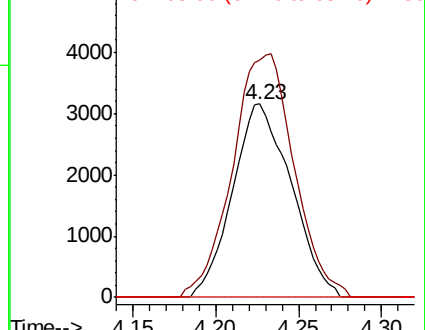
68 0.0 0.0 0.0



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: 19.31 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU026521.D

Acq: 04 Sep 2018 13:35

Tgt Ion: 95 Resp: 22087

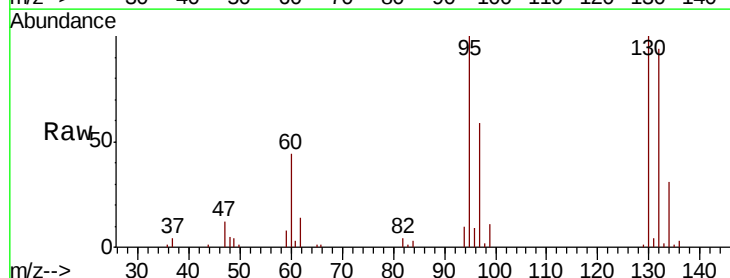
Ion Ratio Lower Upper

95 100

97 58.9 45.1 83.7

132 94.3 67.5 125.3

130 100.2 69.3 128.7

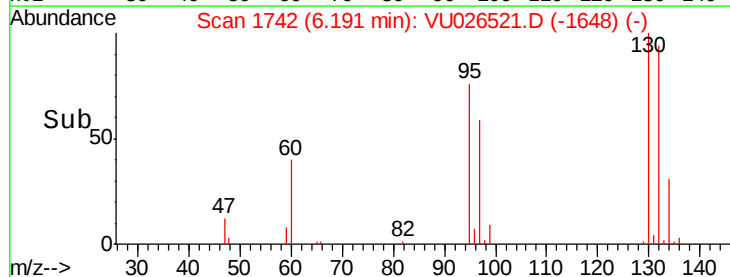
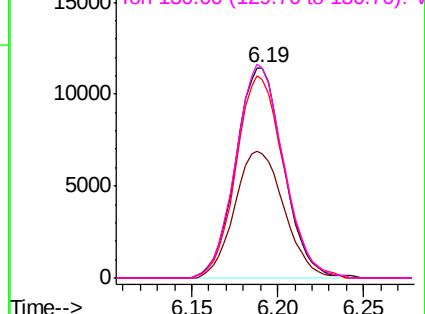


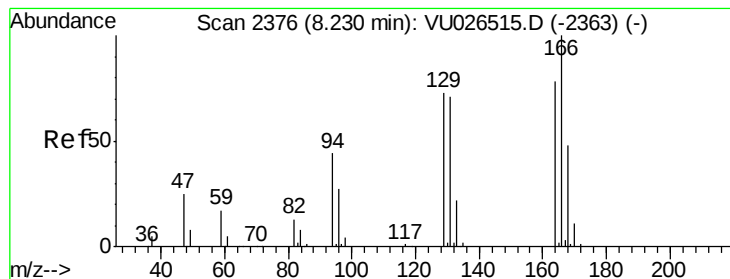
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 120.34 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

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Tot Ion:164 Resp: 112527

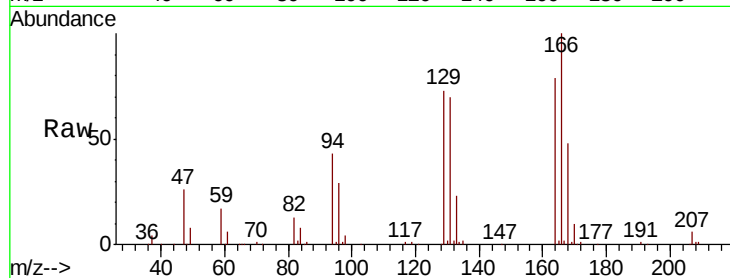
Ion Ratio Lower Upper

164 100

129 93.3 67.3 125.1

131 88.7 65.3 121.3

166 127.2 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

