

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026481.D
 Acq On : 31 Aug 2018 04:56
 Operator : MD/SY
 Sample : J4694-20 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE40

Quant Time: Aug 31 07:06:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 05:38:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	155982	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	147942	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	62427	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	38777	40.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.24%
7) Chloroethane-d5	1.68	69	36648	41.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.98%
11) 1,1-Dichloroethene-d2	2.27	63	57303	26.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.66%#
21) 2-Butanone-d5	4.18	46	64327	85.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.76%
24) Chloroform-d	4.65	84	74143	40.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.24%
26) 1,2-Dichloroethane-d4	5.31	65	51924	42.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.46%
32) Benzene-d6	5.34	84	148742	43.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.24%
36) 1,2-Dichloropropane-d6	6.33	67	51957	44.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.72%
41) Toluene-d8	7.57	98	135863	41.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.56%
43) trans-1,3-Dichloropropene-	7.85	79	21514	40.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.44%
47) 2-Hexanone-d5	8.31	63	45646	84.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	70960	41.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	53225	46.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.98%

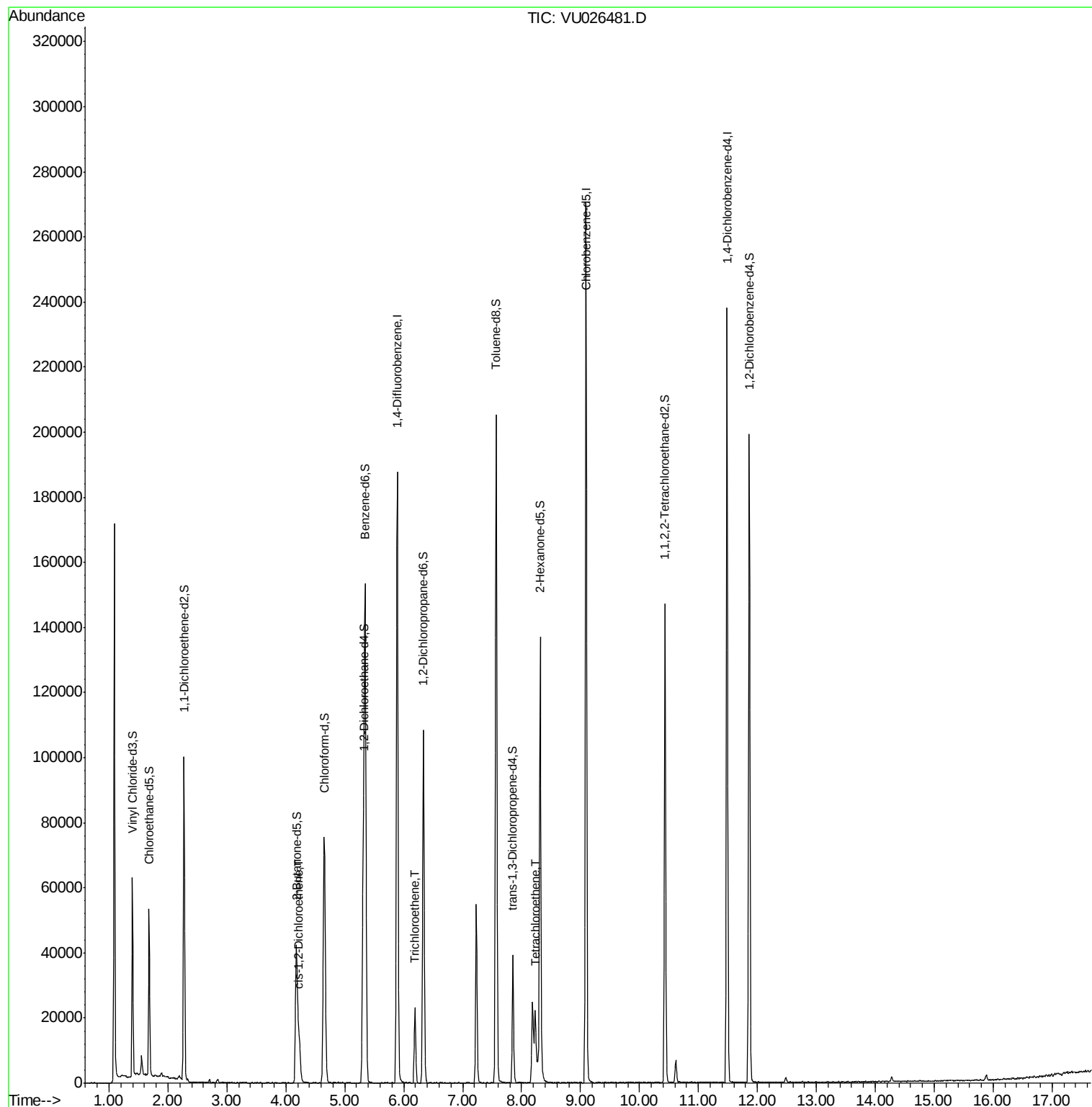
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.23	96	5978	5.30 ug/L	100
34) Trichloroethene	6.19	95	8002	7.52 ug/L	93
46) Tetrachloroethene	8.23	164	3119	3.59 ug/L	93

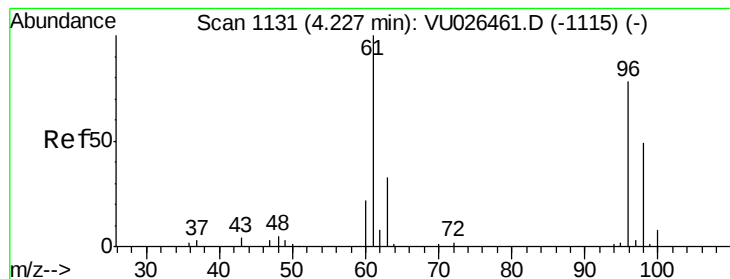
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 5.30 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

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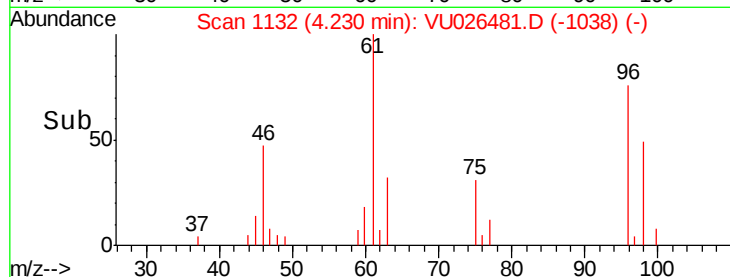
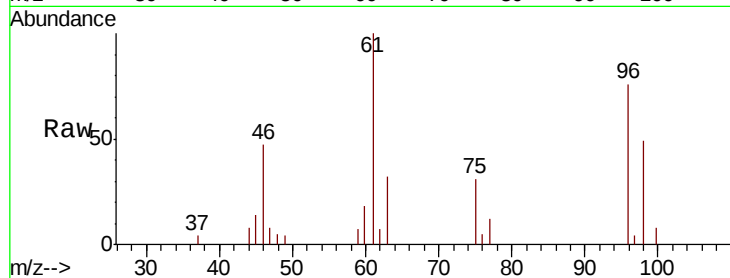
Tot Ion: 96 Resp: 5978

Ion Ratio Lower Upper

96 100

61 131.3 91.6 170.2

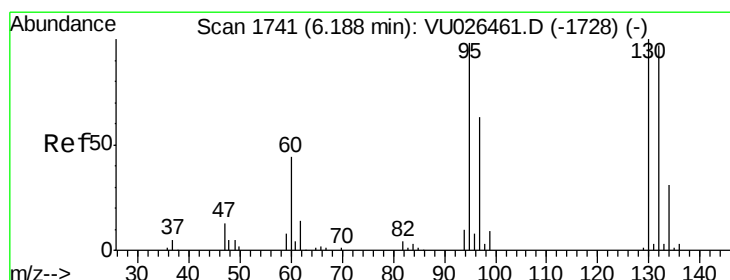
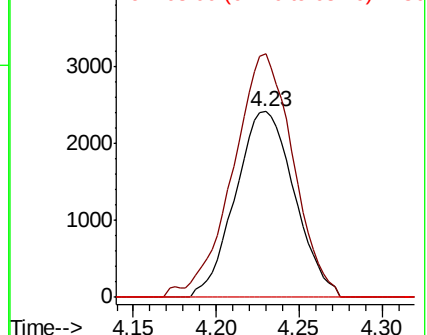
68 0.0 0.0 0.0



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: 7.52 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

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Acq: 31 Aug 2018 04:56

Tgt Ion: 95 Resp: 8002

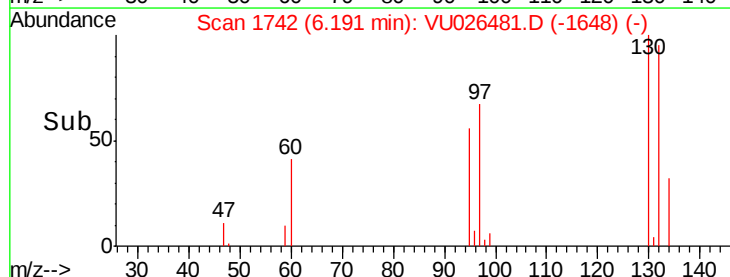
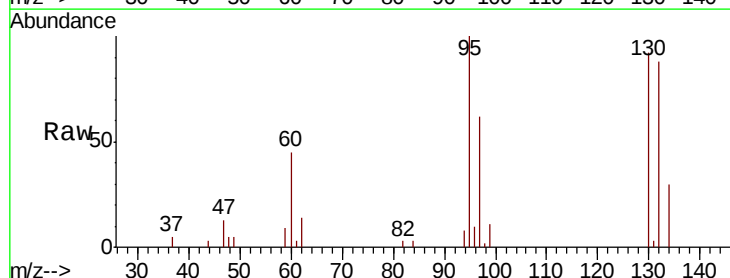
Ion Ratio Lower Upper

95 100

97 61.9 45.1 83.7

132 87.9 67.5 125.3

130 92.4 69.3 128.7

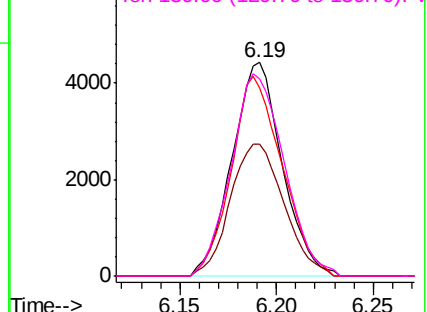


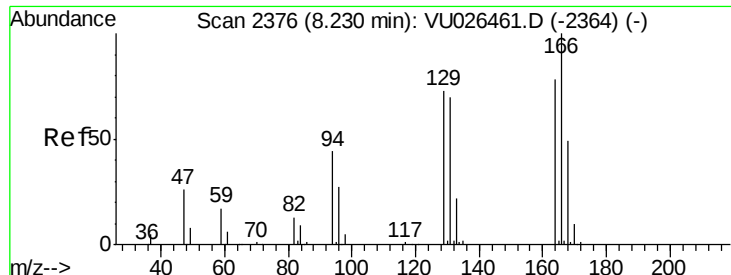
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 3.59 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU026481.D

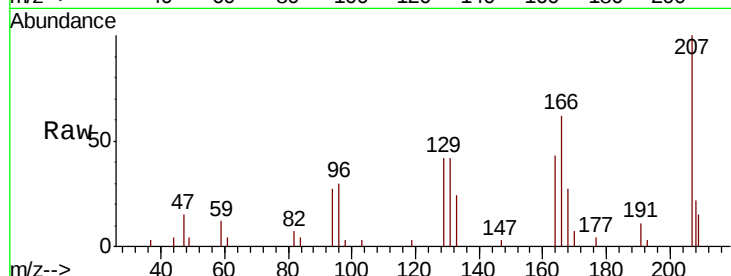
Acq: 31 Aug 2018 04:56

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ClientSampleId :

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Tot Ion:164 Resp: 3119

Ion Ratio Lower Upper

164 100

129 97.8 67.3 125.1

131 96.7 65.3 121.3

166 144.3 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

