

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026482.D
 Acq On : 31 Aug 2018 05:19
 Operator : MD/SY
 Sample : J4691-05DL 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE02DL

Quant Time: Aug 31 07:09:28 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	155185	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	151919	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	66493	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	38976	40.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.08%
7) Chloroethane-d5	1.68	69	35940	41.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.78%
11) 1,1-Dichloroethene-d2	2.27	63	54951	25.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.76%#
21) 2-Butanone-d5	4.18	46	62675	83.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.99%
24) Chloroform-d	4.65	84	72825	40.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.20%
26) 1,2-Dichloroethane-d4	5.31	65	51480	42.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.16%
32) Benzene-d6	5.34	84	151468	43.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.52%
36) 1,2-Dichloropropane-d6	6.33	67	51520	42.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.66%
41) Toluene-d8	7.57	98	138599	41.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	7.85	79	21691	39.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.98%
47) 2-Hexanone-d5	8.31	63	48554	88.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.01%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	71407	40.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	56506	46.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.68%

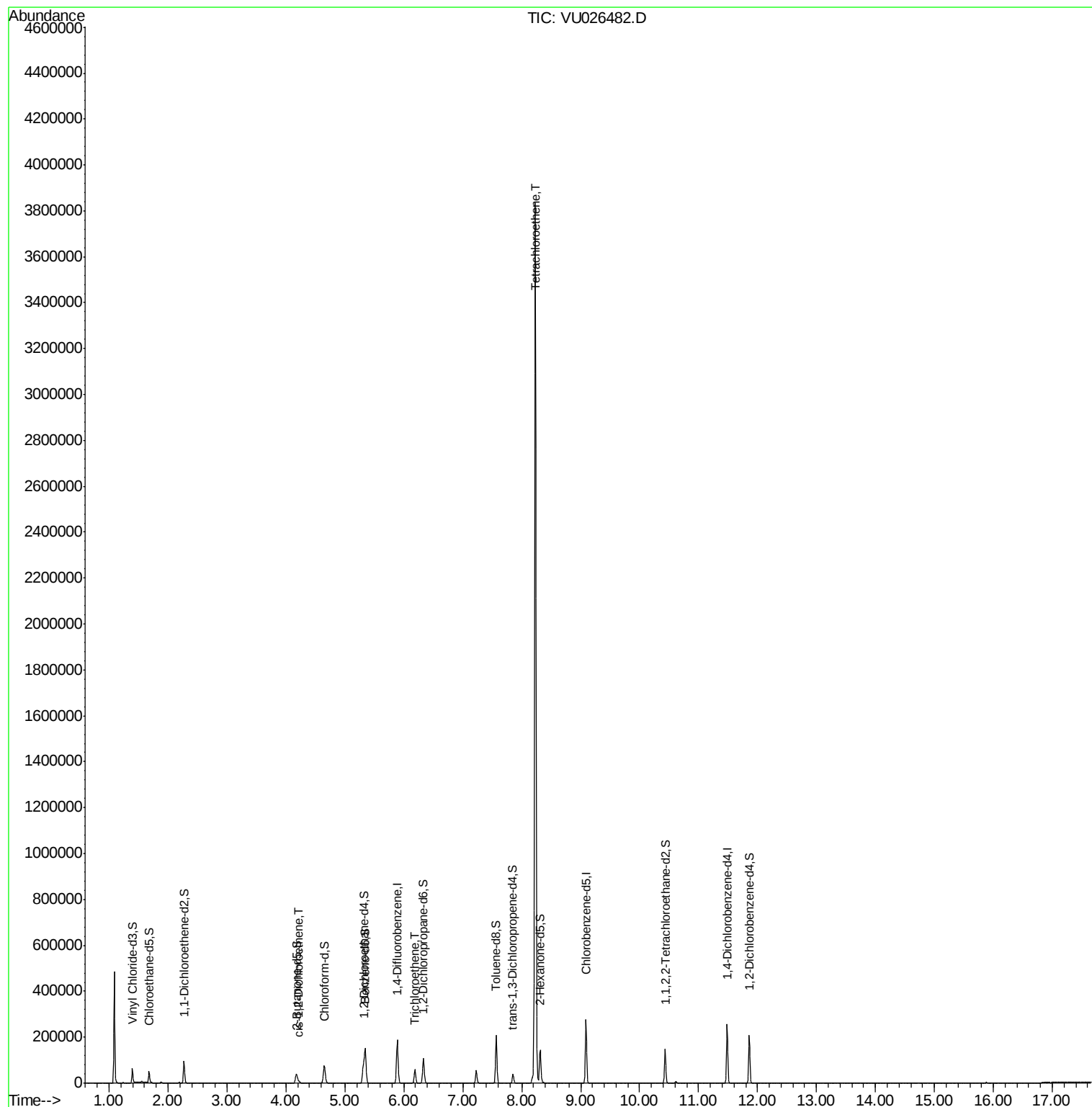
Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	4.23	96	1602	1.43	ug/L	99
34) Trichloroethene	6.19	95	20509	18.77	ug/L	98
46) Tetrachloroethene	8.23	164	840438	940.97	ug/L	98

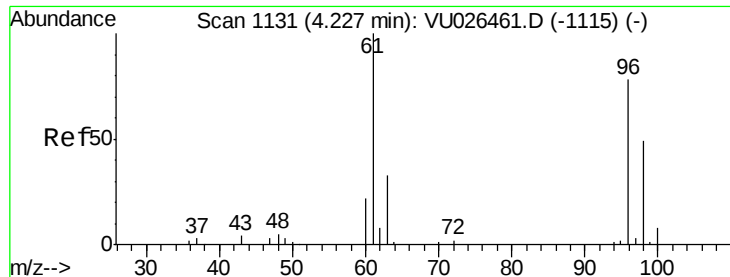
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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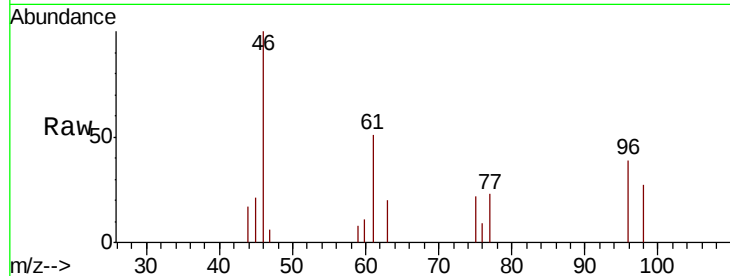




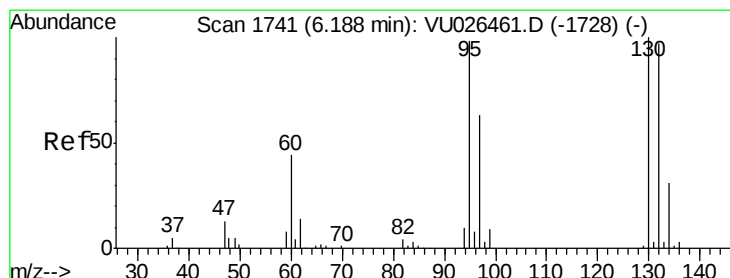
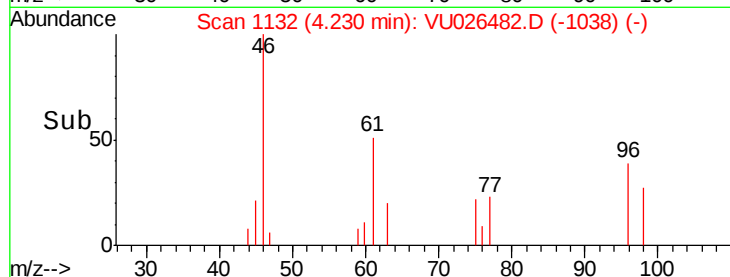
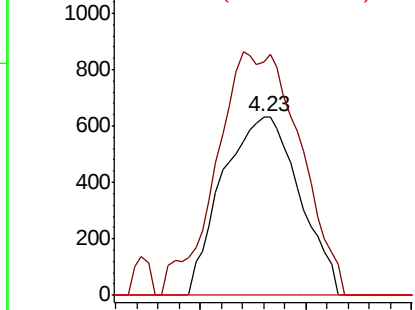
#20
 cis-1,2-Dichloroethene
 Concen: 1.43 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU026482.D
 Acq: 31 Aug 2018 05:19

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE02DL

Tot Ion: 96 Resp: 1602
 Ion Ratio Lower Upper
 96 100
 61 130.1 91.6 170.2
 68 0.0 0.0 0.0



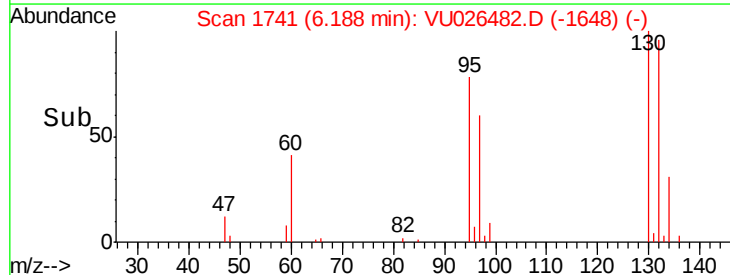
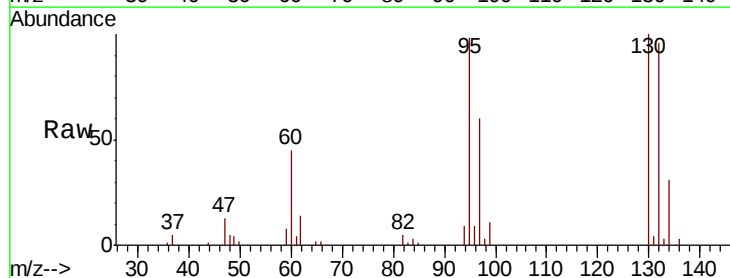
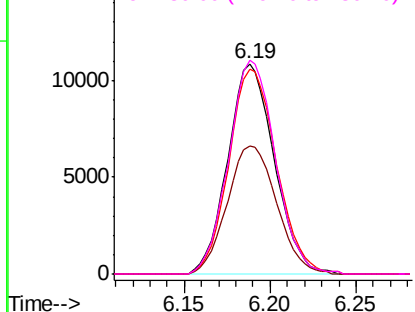
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

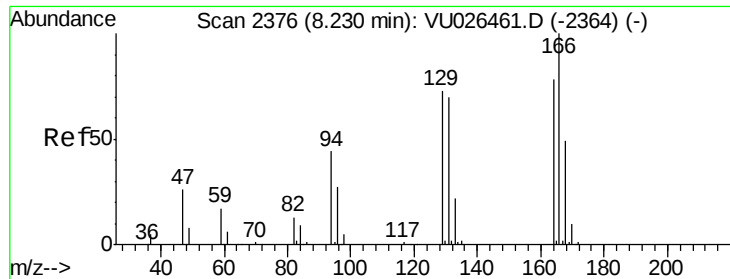


#34
 Trichloroethene
 Concen: 18.77 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU026482.D
 Acq: 31 Aug 2018 05:19

Tgt Ion: 95 Resp: 20509
 Ion Ratio Lower Upper
 95 100
 97 61.1 45.1 83.7
 132 97.2 67.5 125.3
 130 101.5 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: 940.97 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

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Acq: 31 Aug 2018 05:19

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ClientSampleId :

BEE02DL

Tot Ion:164 Resp: 840438

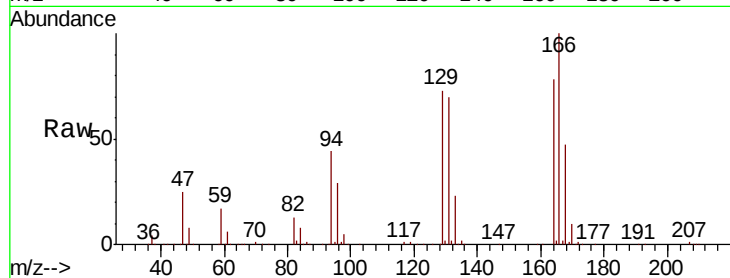
Ion Ratio Lower Upper

164 100

129 94.2 67.3 125.1

131 90.2 65.3 121.3

166 128.6 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

