

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090618\
 Data File : VU026588.D
 Acq On : 06 Sep 2018 19:39
 Operator : MD/SY
 Sample : J4749-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5FA9

Quant Time: Sep 07 06:36:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 05:26:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	151399	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	136847	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	55870	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55809	59.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	119.00%
7) Chloroethane-d5	1.68	69	49110	57.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.94%
11) 1,1-Dichloroethene-d2	2.27	63	77929	36.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.78%
21) 2-Butanone-d5	4.18	46	90695	124.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.57%
24) Chloroform-d	4.65	84	96506	54.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.94%
26) 1,2-Dichloroethane-d4	5.31	65	65736	55.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.46%
32) Benzene-d6	5.34	84	192692	61.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.18%
36) 1,2-Dichloropropane-d6	6.33	67	67870	62.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	125.28%#
41) Toluene-d8	7.57	98	168639	55.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.78%
43) trans-1,3-Dichloropropene-	7.85	79	28097	56.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.56%
47) 2-Hexanone-d5	8.31	63	64366	129.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	129.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	90724	56.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	61186	60.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.72%#

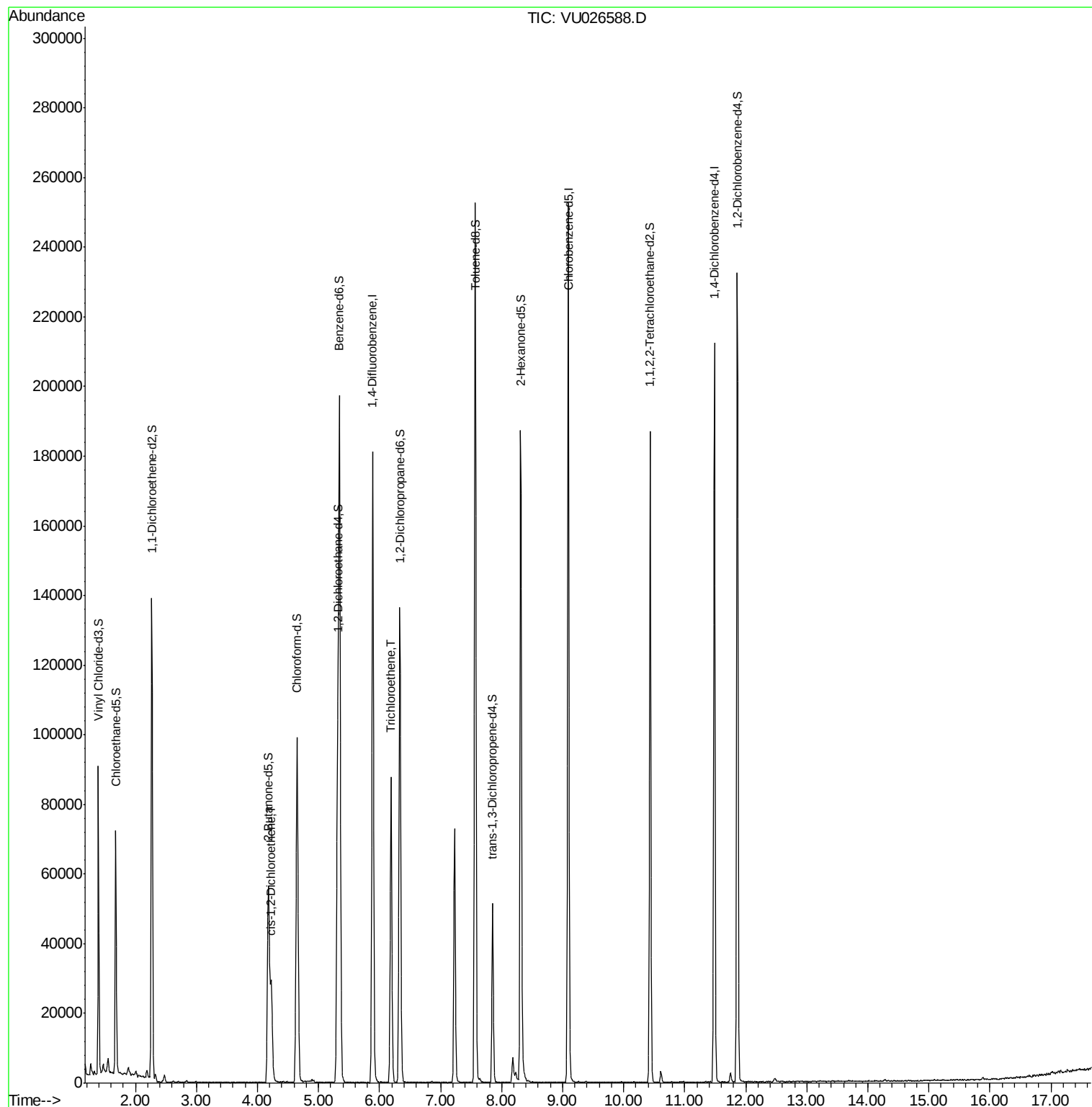
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.23	96	14375	13.13 ug/L	97
34) Trichloroethene	6.19	95	30292	30.78 ug/L	98

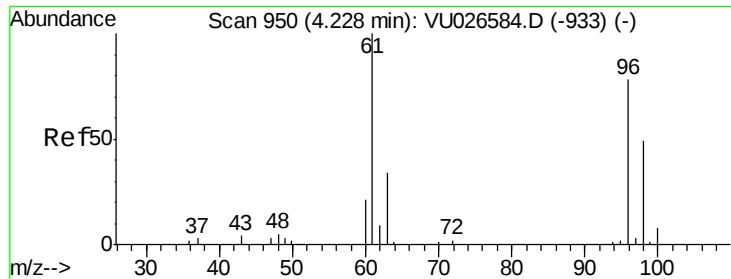
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 13.13 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

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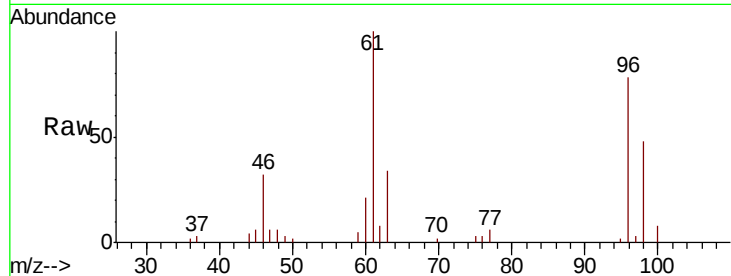
Tot Ion: 96 Resp: 14375

Ion Ratio Lower Upper

96 100

61 127.5 91.6 170.2

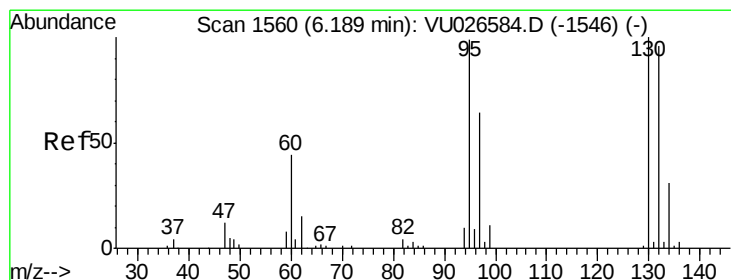
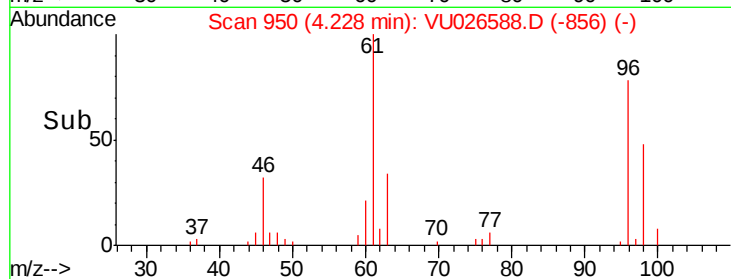
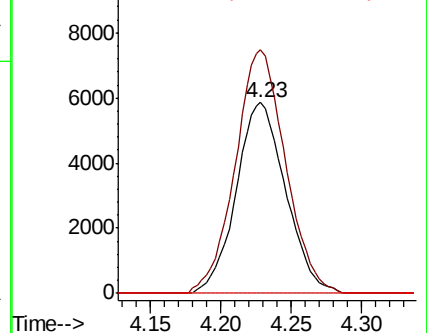
68 0.0 0.0 0.0



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: 30.78 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

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Tgt Ion: 95 Resp: 30292

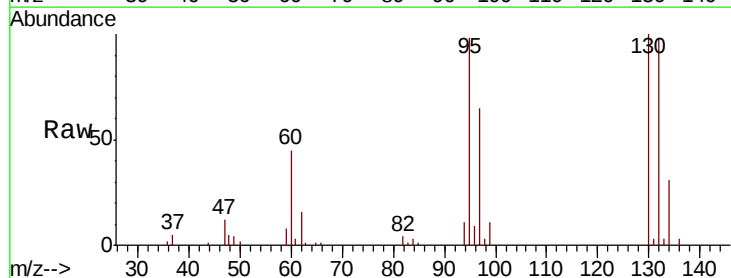
Ion Ratio Lower Upper

95 100

97 66.0 45.1 83.7

132 99.0 67.5 125.3

130 101.6 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

