

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083118\
 Data File : VU026509.D
 Acq On : 31 Aug 2018 18:54
 Operator : MD/SY
 Sample : J4691-16DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE13DL

Quant Time: Sep 01 05:39:50 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	142545	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	133564	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	57183	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37337	42.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.56%
7) Chloroethane-d5	1.68	69	36016	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.30%
11) 1,1-Dichloroethene-d2	2.27	63	53204	26.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.50%#
21) 2-Butanone-d5	4.18	46	74513	108.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.70%
24) Chloroform-d	4.65	84	80387	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.38%
26) 1,2-Dichloroethane-d4	5.31	65	55435	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.84%
32) Benzene-d6	5.34	84	154296	50.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.24%
36) 1,2-Dichloropropane-d6	6.33	67	54773	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.58%
41) Toluene-d8	7.57	98	137943	46.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.84%
43) trans-1,3-Dichloropropene-	7.85	79	23426	48.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.02%
47) 2-Hexanone-d5	8.31	63	53902	111.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.13%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	79715	51.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	56522	54.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.96%

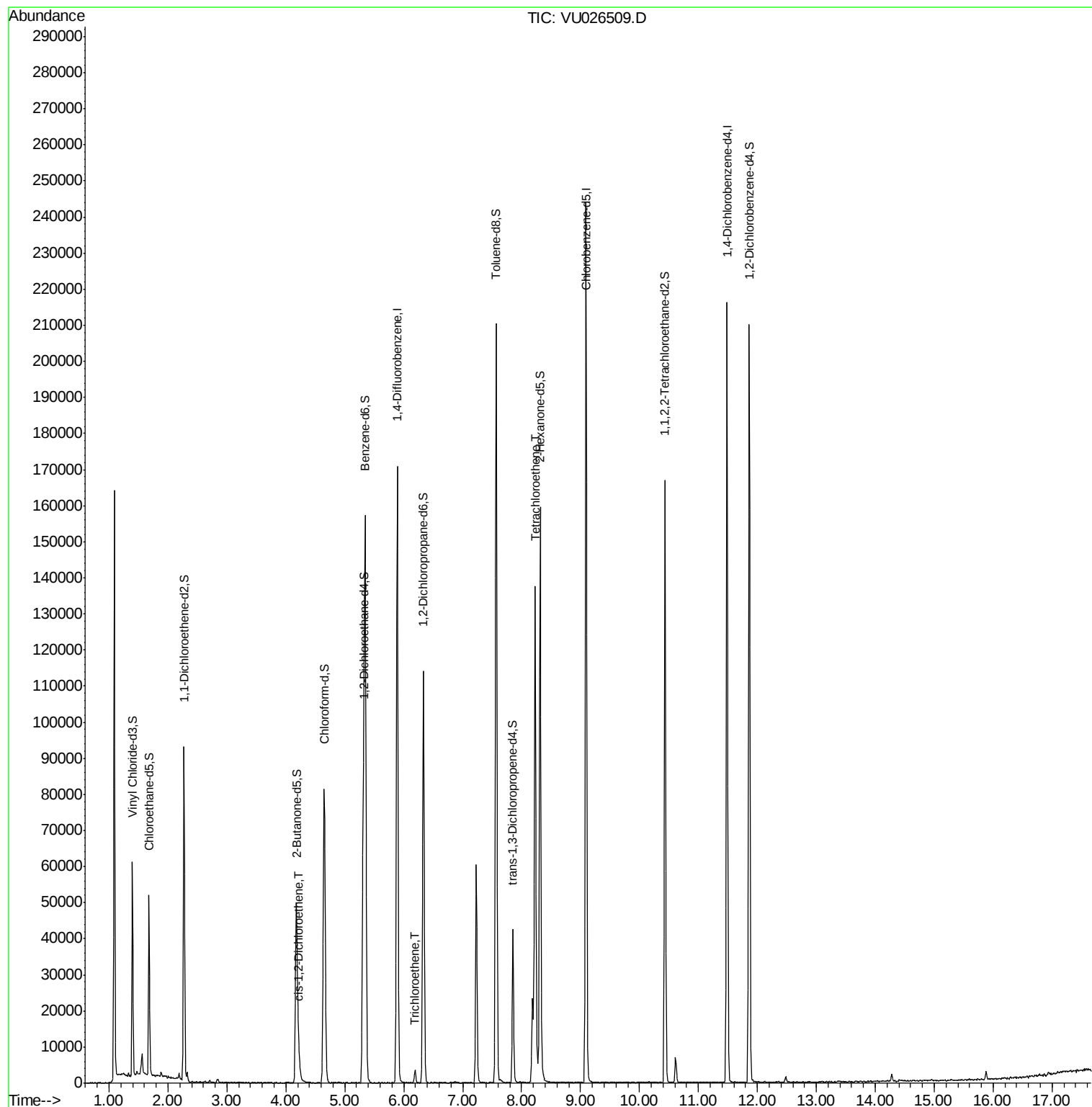
Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	4.23	96	1550	1.50	ug/L	98
34) Trichloroethene	6.19	95	1320	1.37	ug/L	91
46) Tetrachloroethene	8.23	164	29750	37.89	ug/L	95

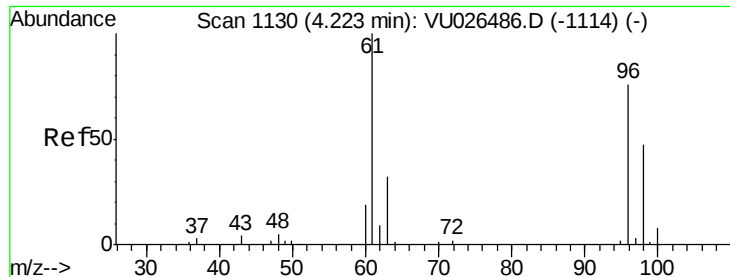
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 1.50 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

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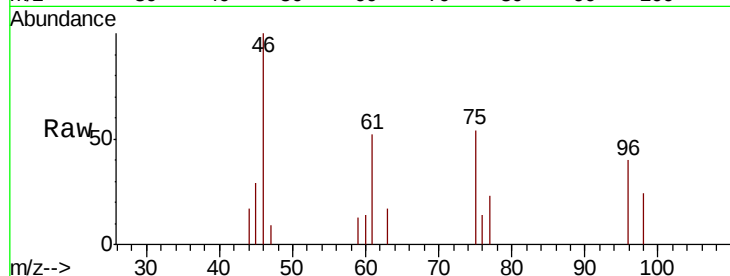
Tot Ion: 96 Resp: 1550

Ion Ratio Lower Upper

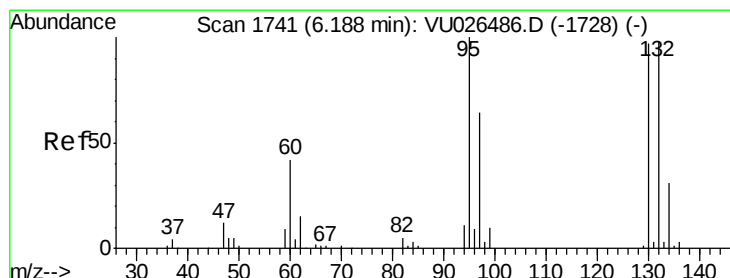
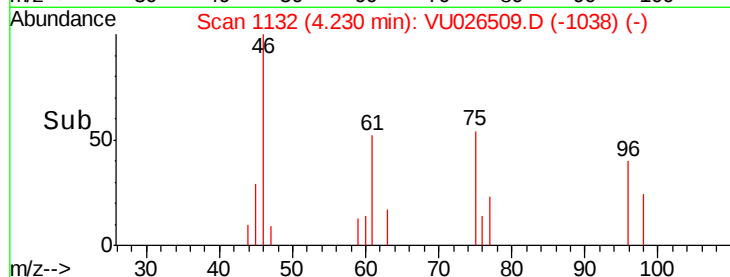
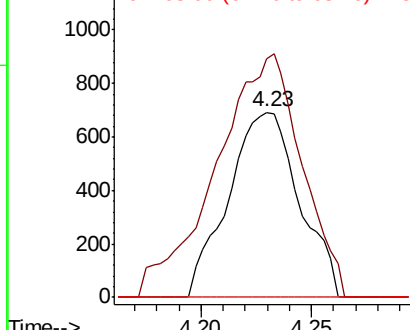
96 100

61 128.6 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: 1.37 ug/L

RT: 6.19 min Scan# 1743

Delta R.T. 0.01 min

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Acq: 31 Aug 2018 18:54

Tgt Ion: 95 Resp: 1320

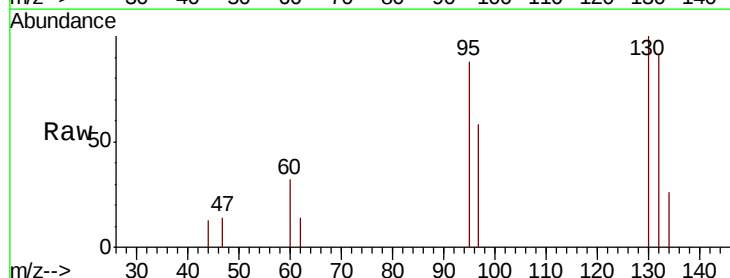
Ion Ratio Lower Upper

95 100

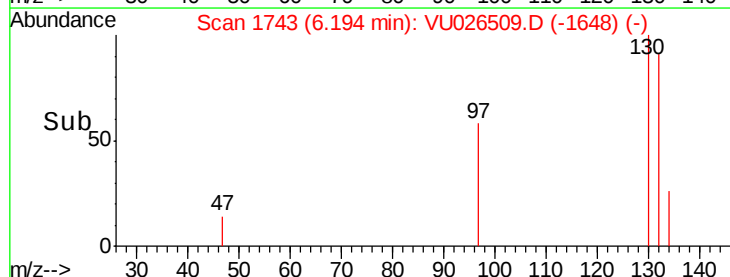
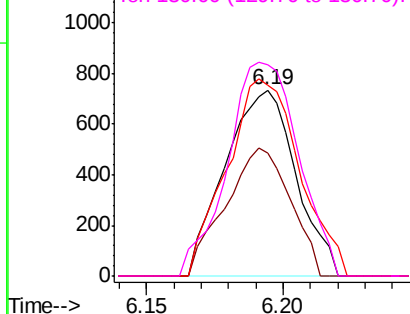
97 65.9 45.1 83.7

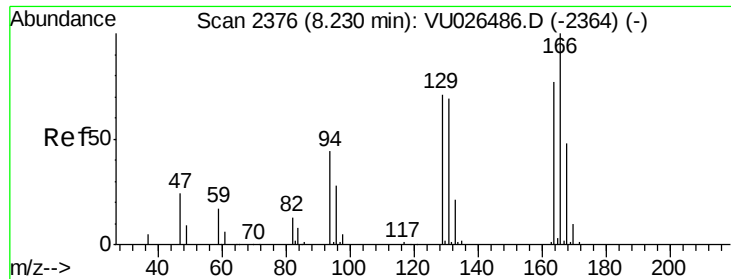
132 103.0 67.5 125.3

130 113.6 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





#46

Tetrachloroethene

Concen: 37.89 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: 29750

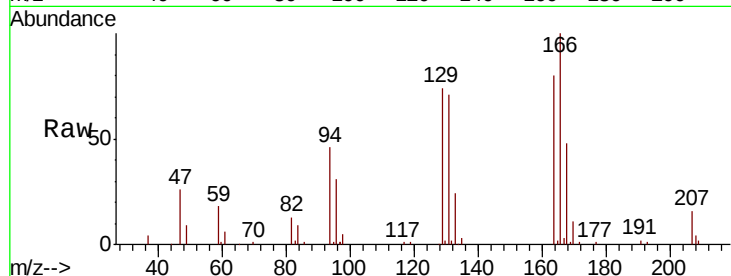
Ion Ratio Lower Upper

164 100

129 92.1 67.3 125.1

131 88.3 65.3 121.3

166 124.4 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

