

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090418\
 Data File : VU026519.D
 Acq On : 04 Sep 2018 12:48
 Operator : MD/SY
 Sample : J4694-04DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE22DL

Quant Time: Sep 05 10:44:33 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	156241	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	146341	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	61447	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37003	38.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.46%
7) Chloroethane-d5	1.68	69	36885	42.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.38%
11) 1,1-Dichloroethene-d2	2.27	63	58003	26.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.22%#
21) 2-Butanone-d5	4.18	46	77099	102.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.62%
24) Chloroform-d	4.65	84	82204	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.92%
26) 1,2-Dichloroethane-d4	5.31	65	56099	46.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.18%
32) Benzene-d6	5.34	84	157526	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.33	67	57364	49.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.02%
41) Toluene-d8	7.57	98	138294	42.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.94%
43) trans-1,3-Dichloropropene-	7.85	79	4560	8.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	17.24%#
47) 2-Hexanone-d5	8.31	63	54805	103.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.13%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	83105	48.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	57821	51.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.72%

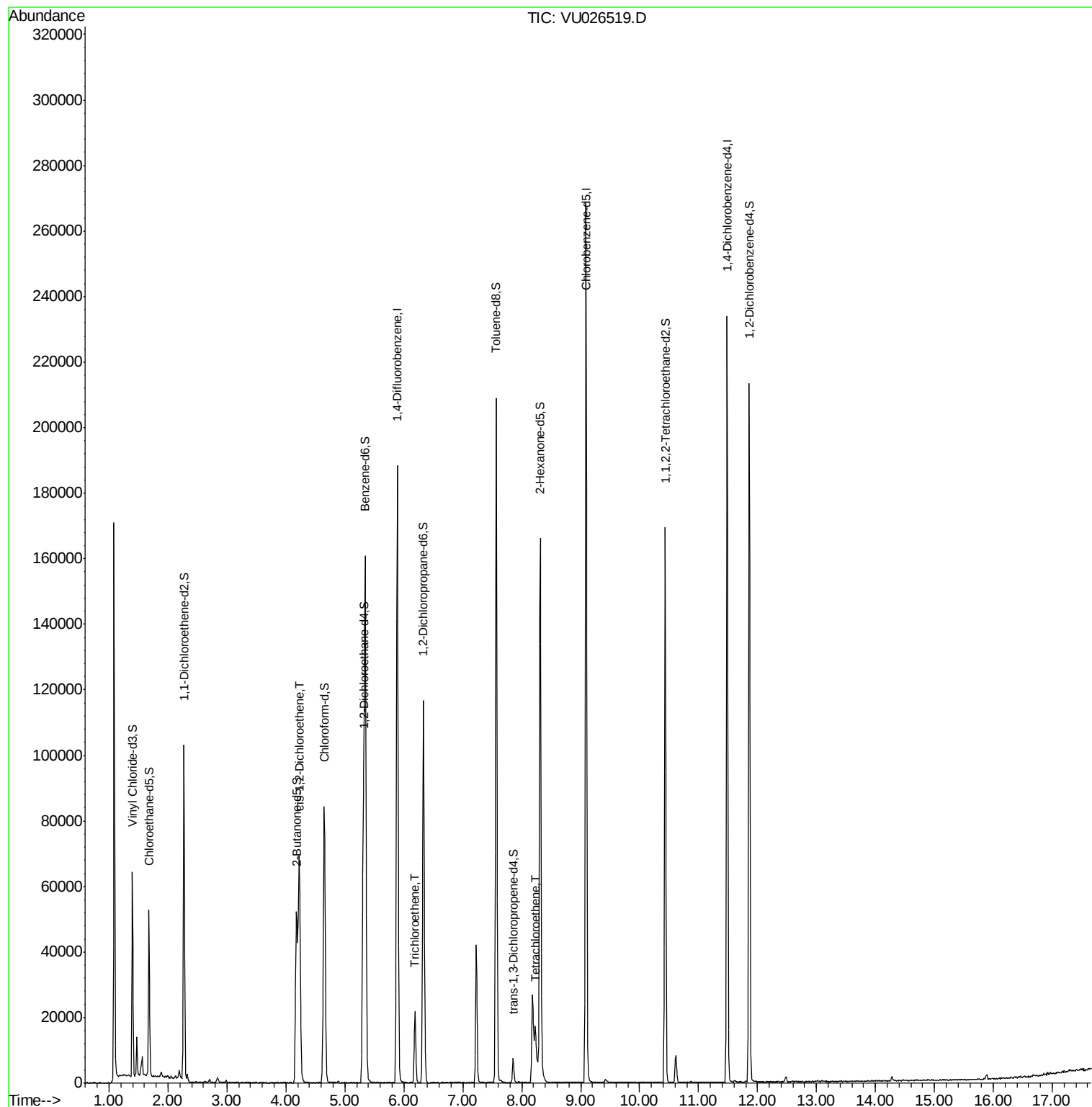
Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	4.23	96	35845	31.72	ug/L	99
34) Trichloroethene	6.19	95	7747	7.36	ug/L	95
46) Tetrachloroethene	8.23	164	2480	2.88	ug/L	93

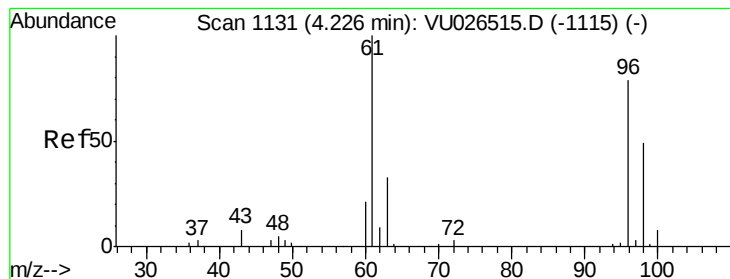
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 31.72 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

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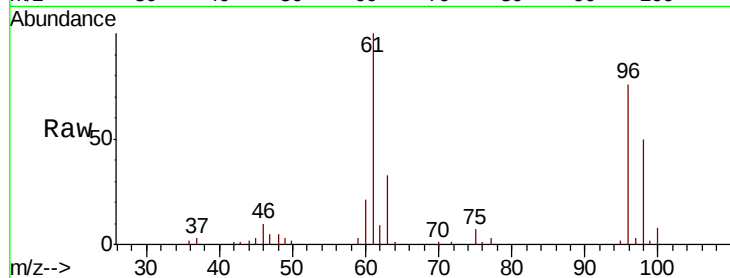
Tot Ion: 96 Resp: 35845

Ion Ratio Lower Upper

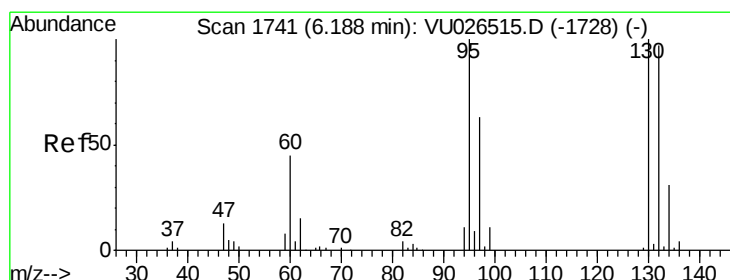
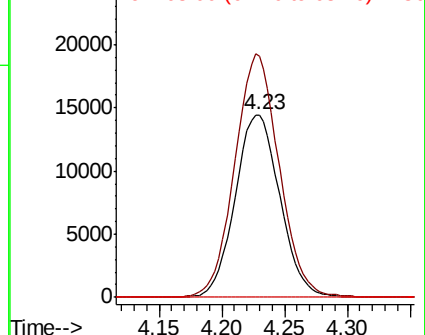
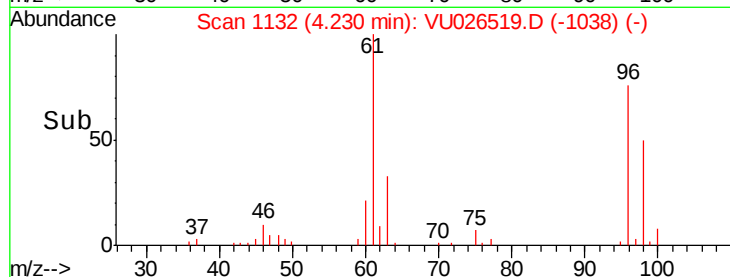
96 100

61 131.7 91.6 170.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU026519.D (-1038) (-)



#34

Trichloroethene

Concen: 7.36 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026519.D

Acq: 04 Sep 2018 12:48

Tgt Ion: 95 Resp: 7747

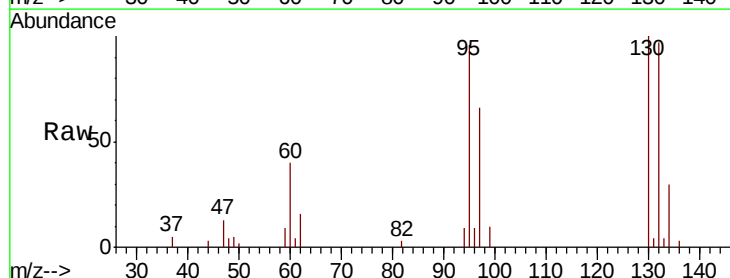
Ion Ratio Lower Upper

95 100

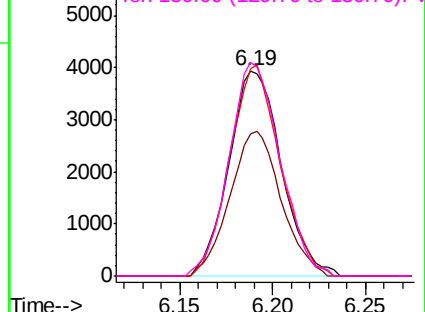
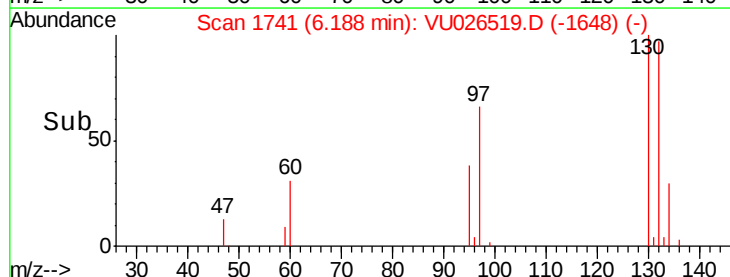
97 69.0 45.1 83.7

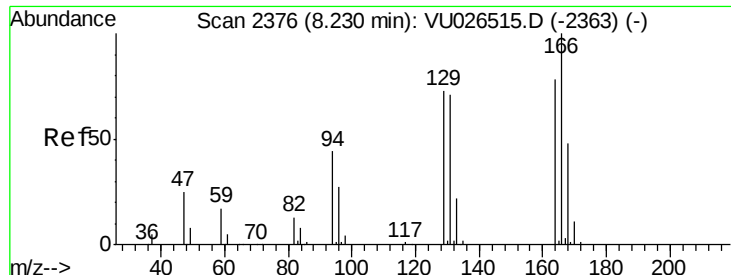
132 100.9 67.5 125.3

130 104.1 69.3 128.7



Abundance Ion 95.00 (94.70 to 95.70): VU026519.D (-1648) (-)





#46

Tetrachloroethene

Concen: 2.88 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026519.D

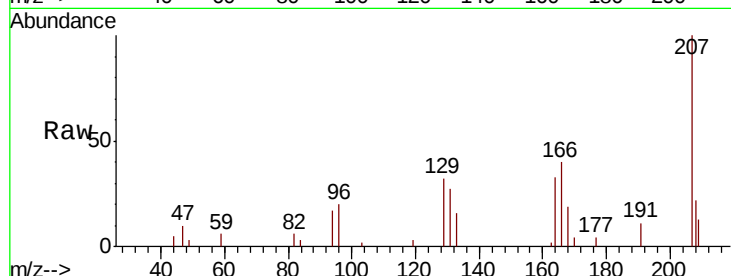
Acq: 04 Sep 2018 12:48

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Tot Ion:164 Resp: 2480

Ion Ratio Lower Upper

164 100

129 96.7 67.3 125.1

131 80.8 65.3 121.3

166 121.1 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

