

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026532.D
 Acq On : 05 Sep 2018 09:53
 Operator : MD/SY
 Sample : J4694-13 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE31

Quant Time: Sep 06 05:23:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 04:37:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	133070	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	122965	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	49721	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	31100	37.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.44%
7) Chloroethane-d5	1.68	69	33421	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.76%
11) 1,1-Dichloroethene-d2	2.27	63	44366	23.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.78%#
21) 2-Butanone-d5	4.18	46	77820	121.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.61%
24) Chloroform-d	4.65	84	75118	48.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.48%
26) 1,2-Dichloroethane-d4	5.31	65	54746	52.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.62%
32) Benzene-d6	5.35	84	140003	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.33	67	53176	54.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.24%
41) Toluene-d8	7.57	98	118818	43.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.86%
43) trans-1,3-Dichloropropene-	7.85	79	12792	28.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.54%#
47) 2-Hexanone-d5	8.31	63	55311	123.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.87%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	80659	56.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	48435	53.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.38%

Target Compounds

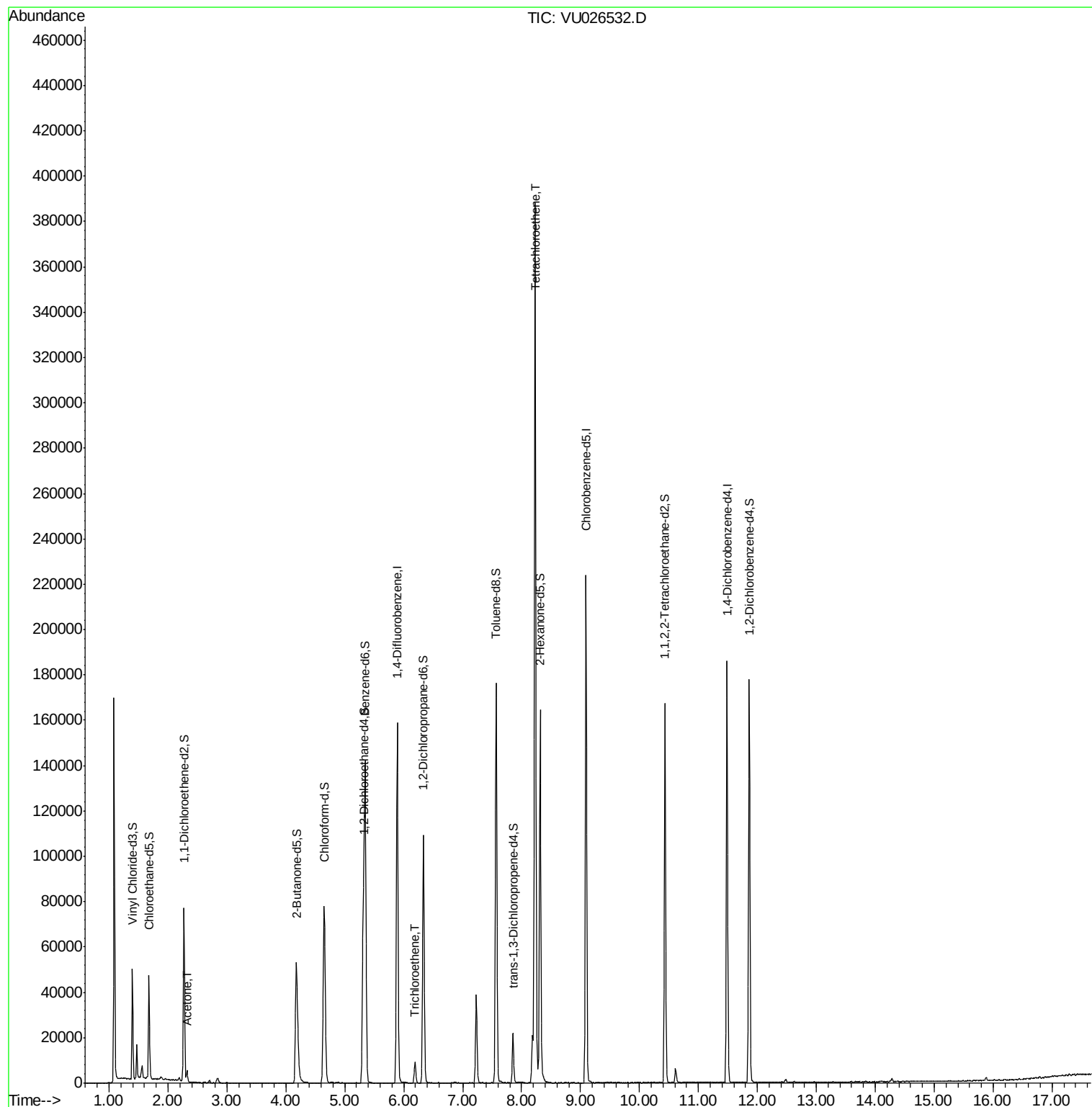
					Ovalue
13) Acetone	2.32	43	5130	9.26	ug/L 98
34) Trichloroethene	6.19	95	3522	3.98	ug/L 95
46) Tetrachloroethene	8.23	164	84953	117.51	ug/L 99

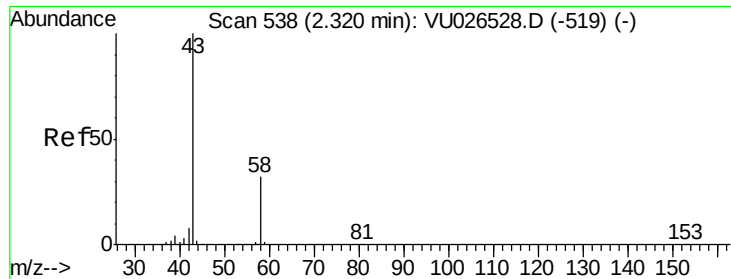
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.26 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

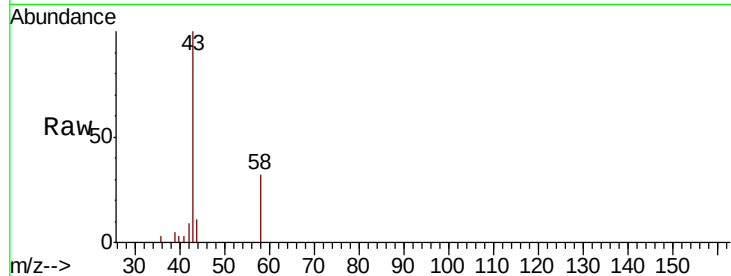
BEE31

Tot Ion: 43 Resp: 5130

Ion Ratio Lower Upper

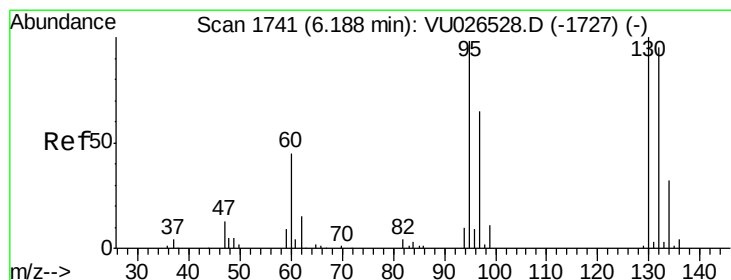
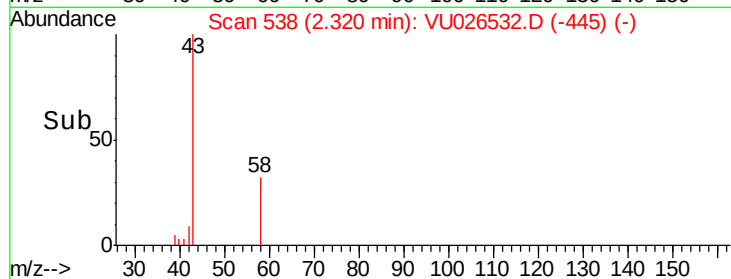
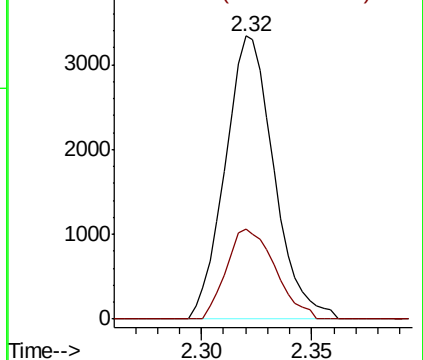
43 100

58 31.8 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#34

Trichloroethene

Concen: 3.98 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU026532.D

Acq: 05 Sep 2018 09:53

Tgt Ion: 95 Resp: 3522

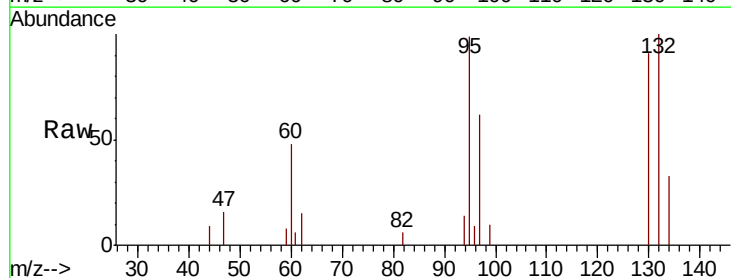
Ion Ratio Lower Upper

95 100

97 63.0 45.1 83.7

132 101.2 67.5 125.3

130 91.9 69.3 128.7

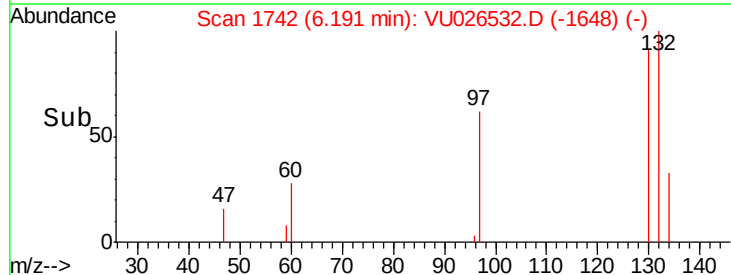
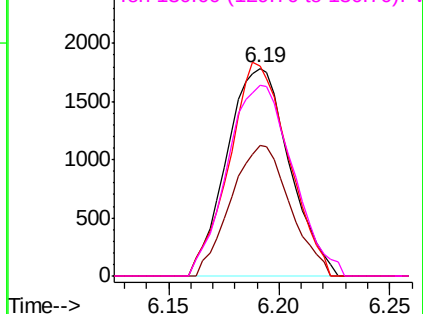


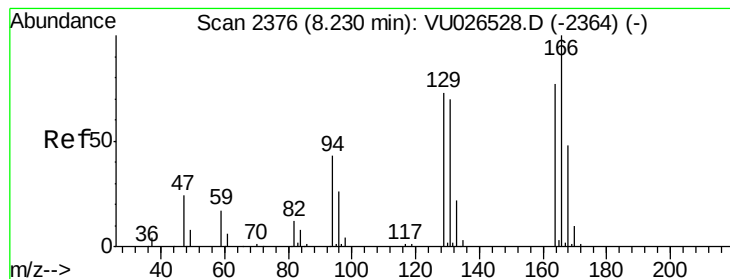
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 117.51 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

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Instrument :
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Tot Ion:164 Resp: 84953

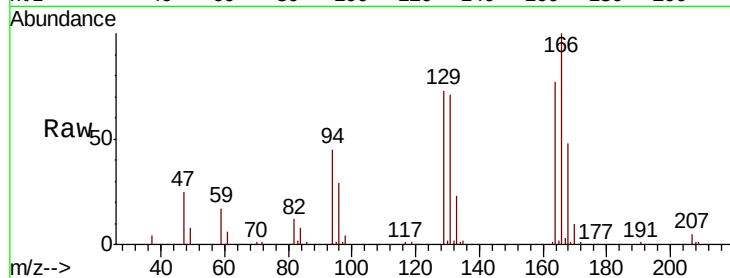
Ion Ratio Lower Upper

164 100

129 94.7 67.3 125.1

131 92.2 65.3 121.3

166 130.2 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

