

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090418\
 Data File : VU026524.D
 Acq On : 04 Sep 2018 14:44
 Operator : MD/SY
 Sample : J4694-08 4X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE26

Quant Time: Sep 05 02:30:16 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	164336	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	153639	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	65360	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37733	37.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.12%
7) Chloroethane-d5	1.68	69	37355	40.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.24%
11) 1,1-Dichloroethene-d2	2.27	63	56024	24.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.86%#
21) 2-Butanone-d5	4.18	46	78841	99.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.77%
24) Chloroform-d	4.65	84	82773	43.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.08%
26) 1,2-Dichloroethane-d4	5.31	65	56981	44.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.02%
32) Benzene-d6	5.35	84	159338	45.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.33	67	57216	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.06%
41) Toluene-d8	7.57	98	141020	41.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.50%
43) trans-1,3-Dichloropropene-	7.85	79	15090	27.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.32%#
47) 2-Hexanone-d5	8.31	63	55838	100.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	82984	46.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	58416	49.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.52%

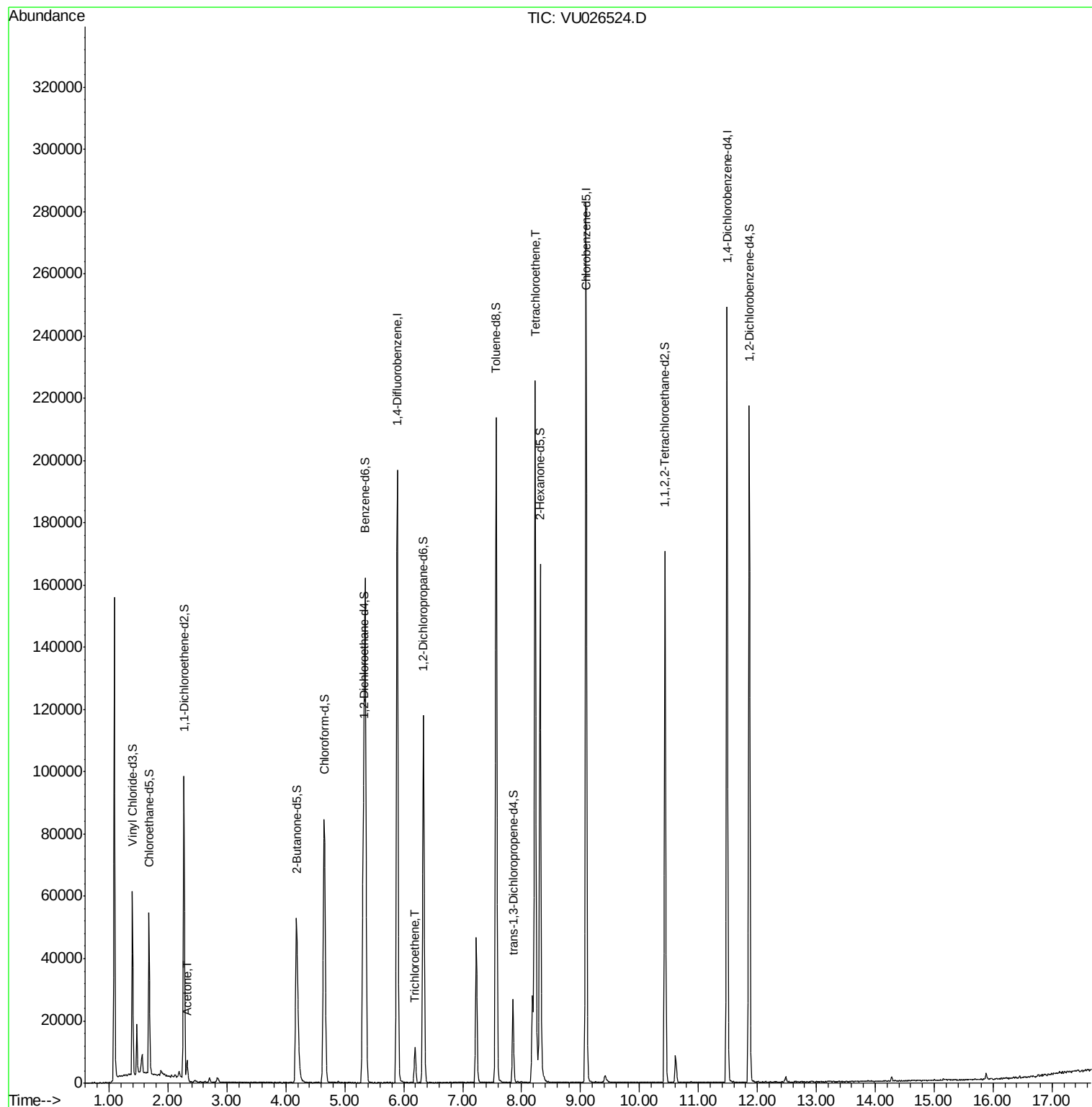
Target Compounds						Ovalue
13) Acetone	2.32	43	6458	9.44	ug/L	100
34) Trichloroethene	6.19	95	4215	3.82	ug/L	96
46) Tetrachloroethene	8.23	164	50059	55.42	ug/L	95

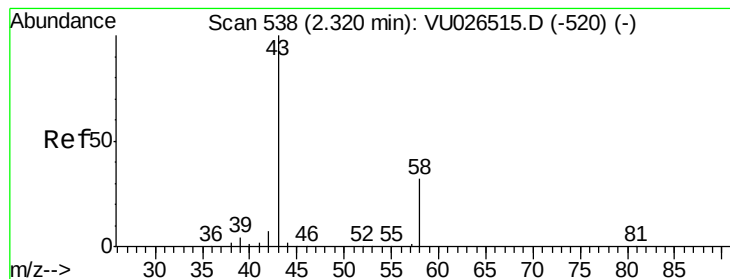
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.44 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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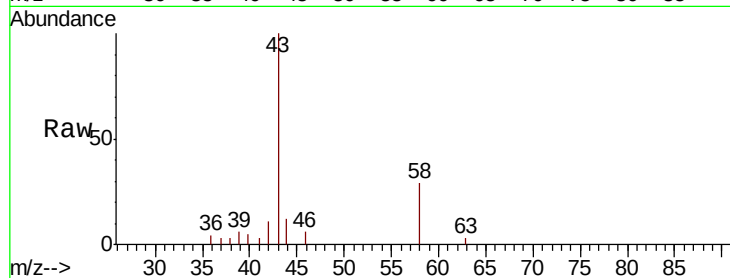
BEE26

Tot Ion: 43 Resp: 6458

Ion Ratio Lower Upper

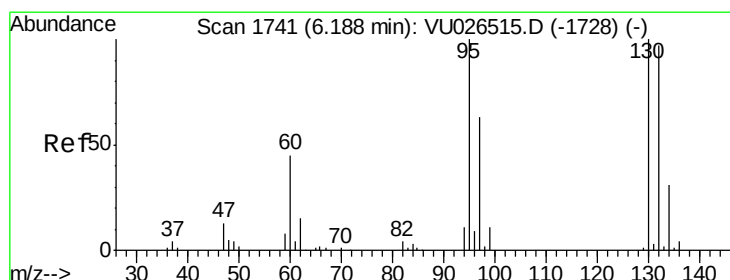
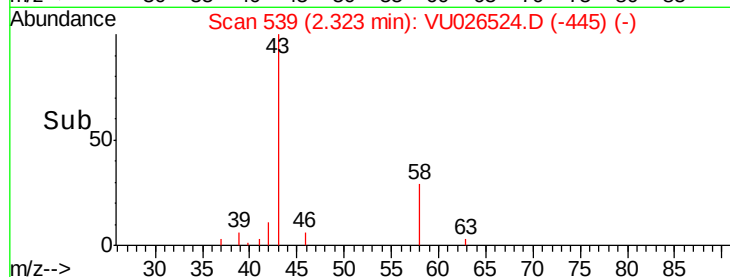
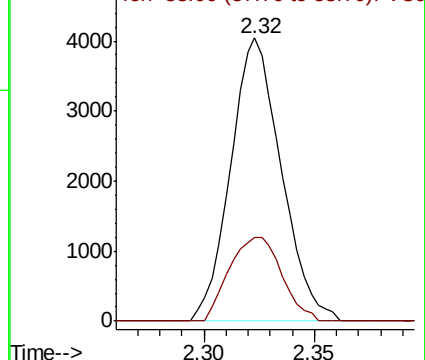
43 100

58 30.6 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: 3.82 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

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Tgt Ion: 95 Resp: 4215

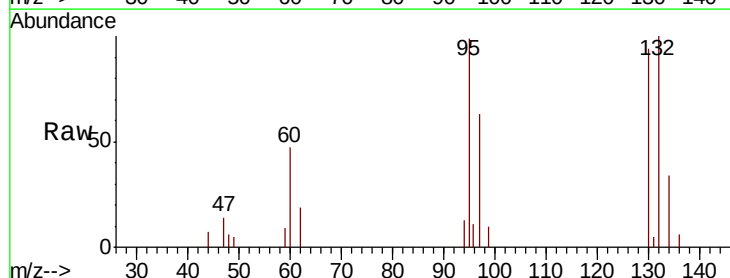
Ion Ratio Lower Upper

95 100

97 63.2 45.1 83.7

132 100.9 67.5 125.3

130 94.7 69.3 128.7

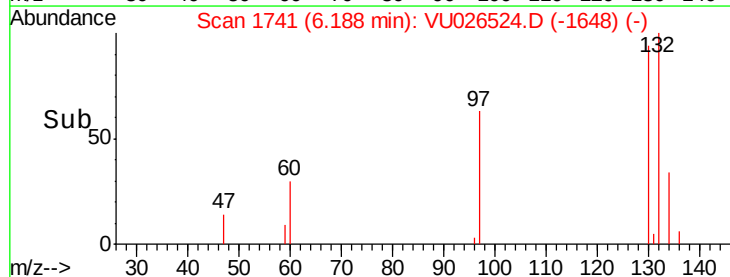
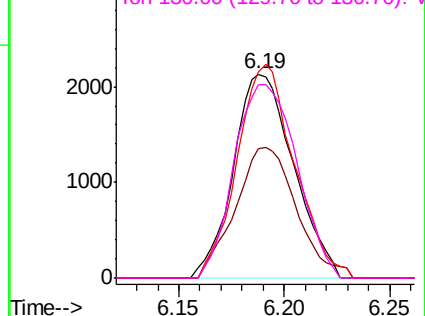


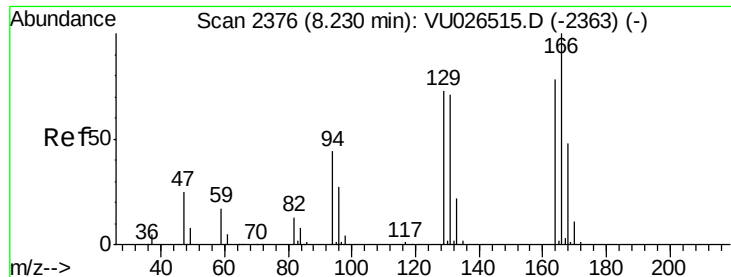
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 55.42 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

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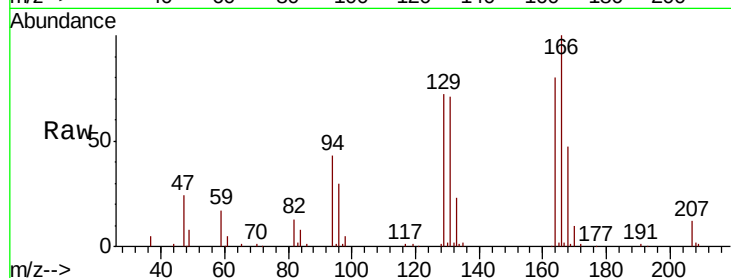
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Tot Ion:164 Resp: 50059

Ion Ratio Lower Upper

164 100

129 90.6 67.3 125.1

131 88.7 65.3 121.3

166 125.0 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

