

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082918\
 Data File : VU026432.D
 Acq On : 29 Aug 2018 19:24
 Operator : MD/SY
 Sample : J4691-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE01

Quant Time: Aug 30 02:51:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 30 02:20:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	154445	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	150742	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	74445	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43627	45.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.18%
7) Chloroethane-d5	1.68	69	40589	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.94%
11) 1,1-Dichloroethene-d2	2.27	63	68886	31.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.94%
21) 2-Butanone-d5	4.18	46	70445	94.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.85%
24) Chloroform-d	4.65	84	81905	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
26) 1,2-Dichloroethane-d4	5.31	65	57002	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
32) Benzene-d6	5.35	84	167669	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.52%
36) 1,2-Dichloropropane-d6	6.33	67	57289	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.00%
41) Toluene-d8	7.57	98	158338	47.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.42%
43) trans-1,3-Dichloropropene-	7.85	79	25733	47.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.42%
47) 2-Hexanone-d5	8.31	63	55395	101.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.20%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	78795	44.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	67345	49.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.72%

Target Compounds

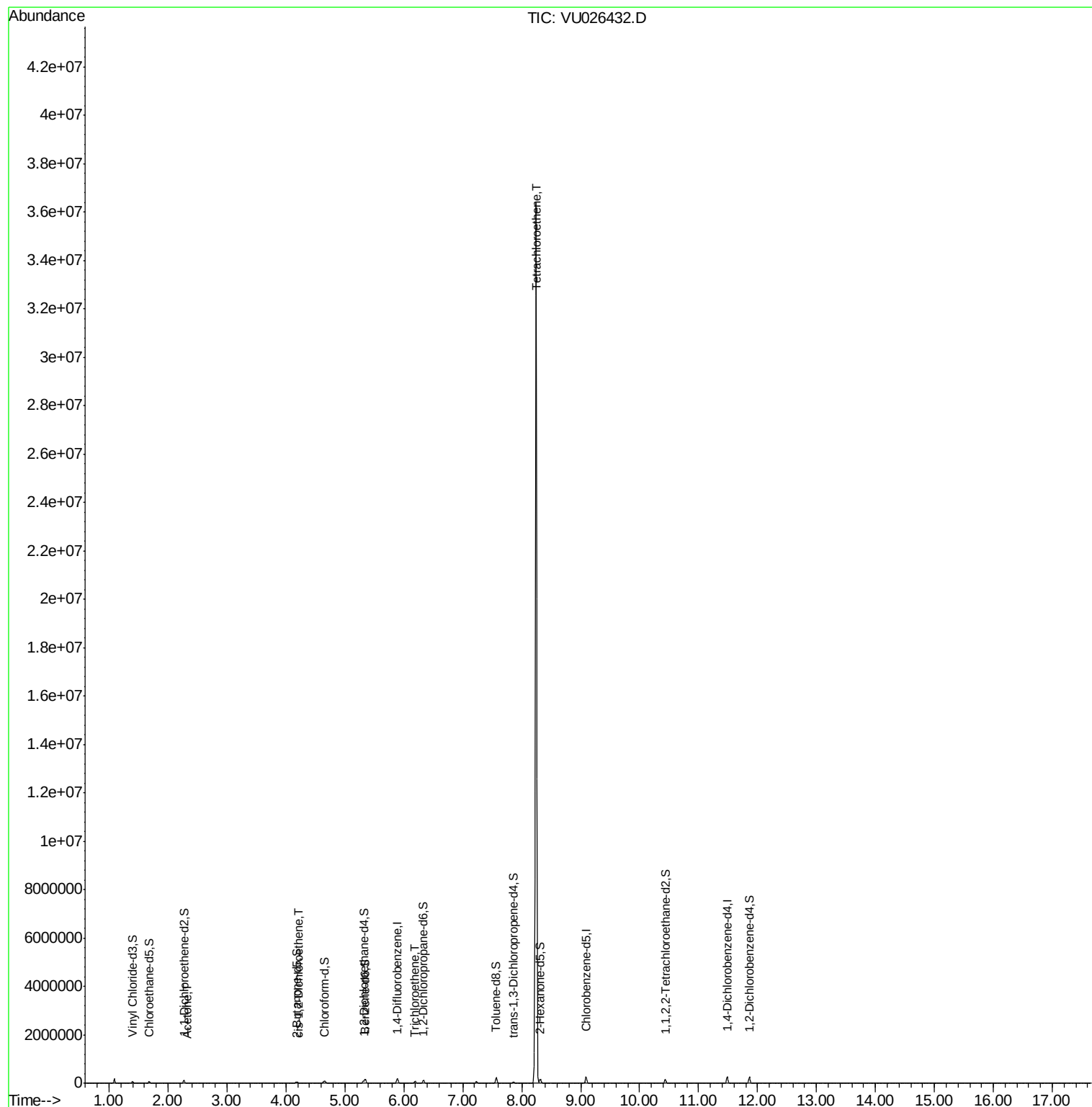
					Ovalue
13) Acetone	2.32	43	7678	11.94	ug/L 98
20) cis-1,2-Dichloroethene	4.23	96	6878	6.16	ug/L 97
34) Trichloroethene	6.19	95	25017	23.08	ug/L 99
46) Tetrachloroethene	8.25	164	7958114	8979.58	ug/L 98

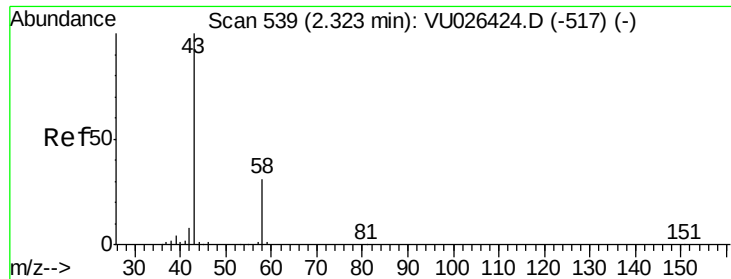
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.94 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU026432.D

Acq: 29 Aug 2018 19:24

Instrument :

MSVOA_U

ClientSampled :

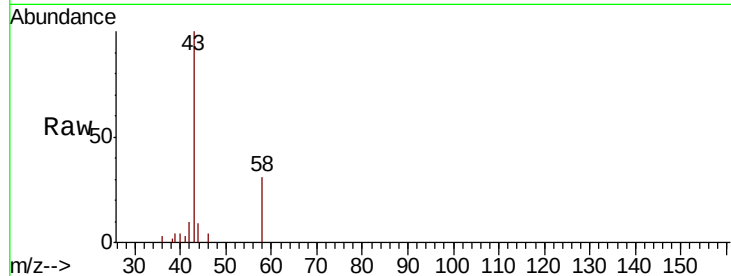
BEE01

Tot Ion: 43 Resp: 7678

Ion Ratio Lower Upper

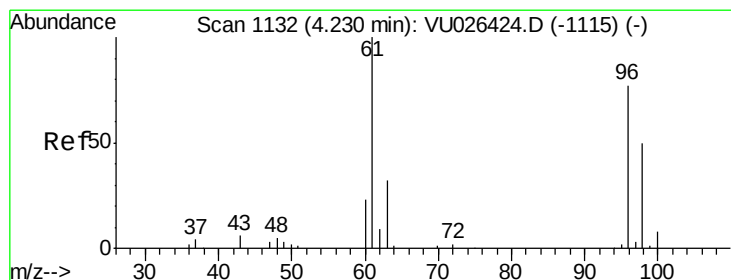
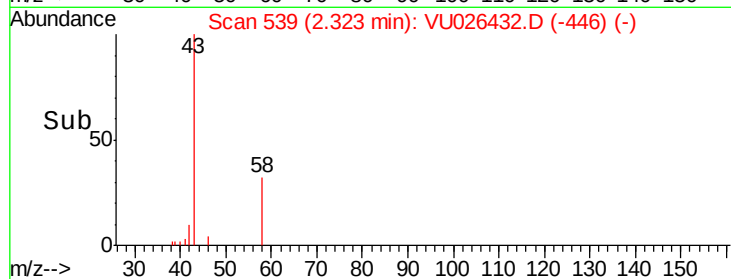
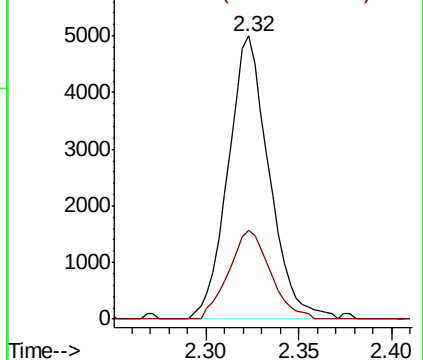
43 100

58 31.9 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 6.16 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

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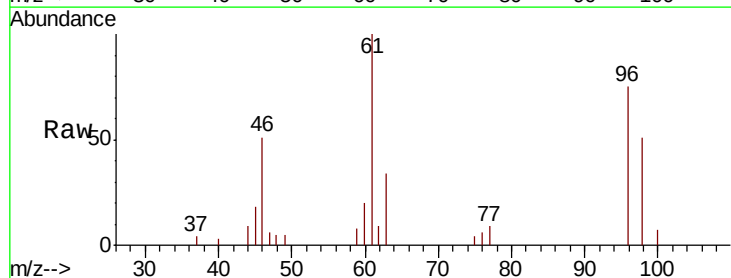
Tgt Ion: 96 Resp: 6878

Ion Ratio Lower Upper

96 100

61 133.9 91.6 170.2

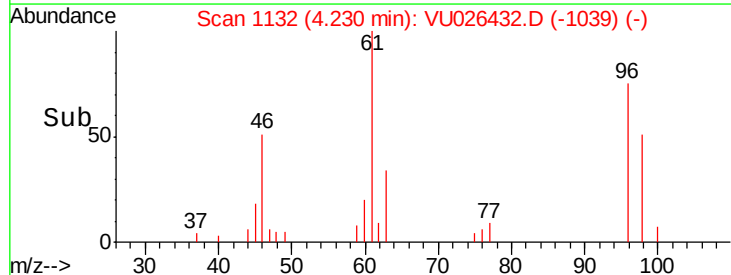
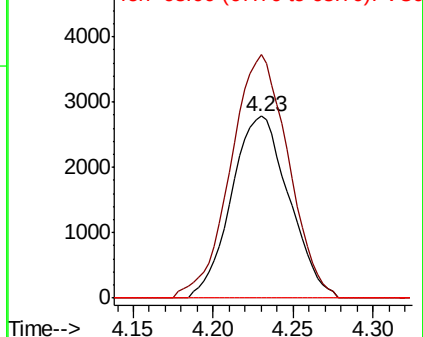
68 0.0 0.0 0.0

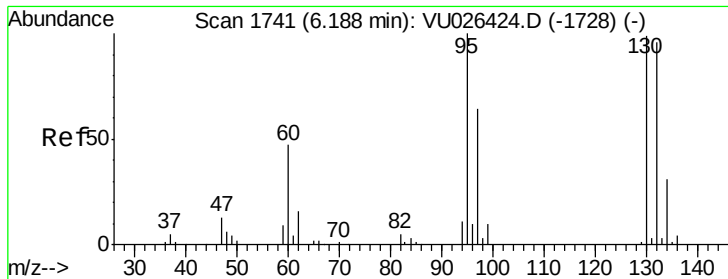


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 23.08 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU026432.D

Acq: 29 Aug 2018 19:24

Instrument :
MSVOA_U
ClientSampleId :
BEE01

Tot Ion: 95 Resp: 25017

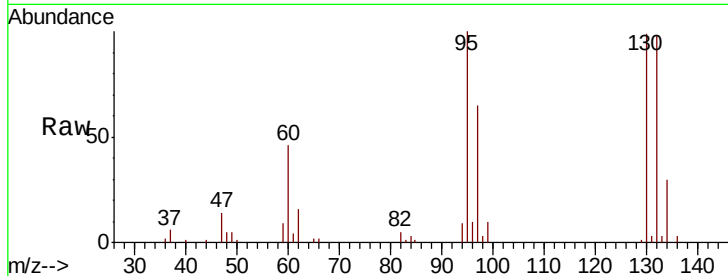
Ion Ratio Lower Upper

95 100

97 64.8 45.1 83.7

132 98.4 67.5 125.3

130 99.2 69.3 128.7

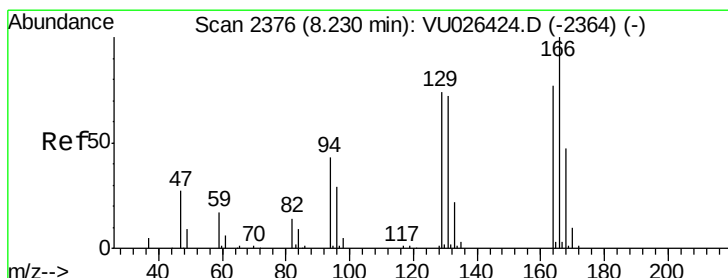
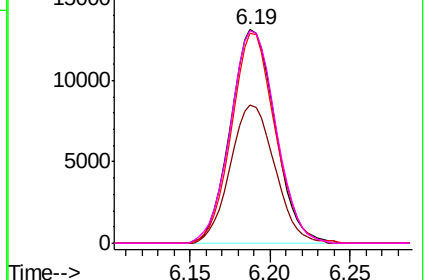
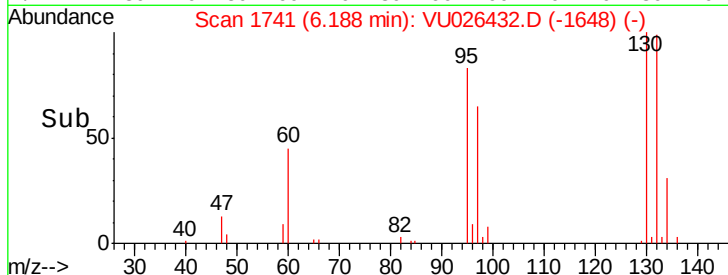


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 8979.58 ug/L

RT: 8.25 min Scan# 2381

Delta R.T. 0.02 min

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Tgt Ion:164 Resp: 7958114

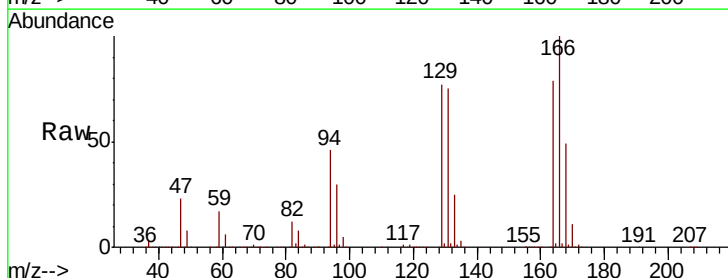
Ion Ratio Lower Upper

164 100

129 97.8 67.3 125.1

131 94.6 65.3 121.3

166 126.5 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

