

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026570.D
 Acq On : 06 Sep 2018 02:18
 Operator : MD/SY
 Sample : J4718-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEGD1

Quant Time: Sep 06 08:10:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 05:59:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	153602	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	144779	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	60736	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	39129	41.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.24%
7) Chloroethane-d5	1.68	69	37680	43.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.68%
11) 1,1-Dichloroethene-d2	2.27	63	56417	26.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.64%#
21) 2-Butanone-d5	4.18	46	75579	102.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.32%
24) Chloroform-d	4.65	84	82796	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.12%
26) 1,2-Dichloroethane-d4	5.31	65	55545	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
32) Benzene-d6	5.34	84	156969	47.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.08%
36) 1,2-Dichloropropane-d6	6.33	67	55744	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.26%
41) Toluene-d8	7.57	98	138161	42.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.78%
43) trans-1,3-Dichloropropene-	7.85	79	22956	43.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.70%
47) 2-Hexanone-d5	8.31	63	51998	98.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	80591	47.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	55471	50.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.68%

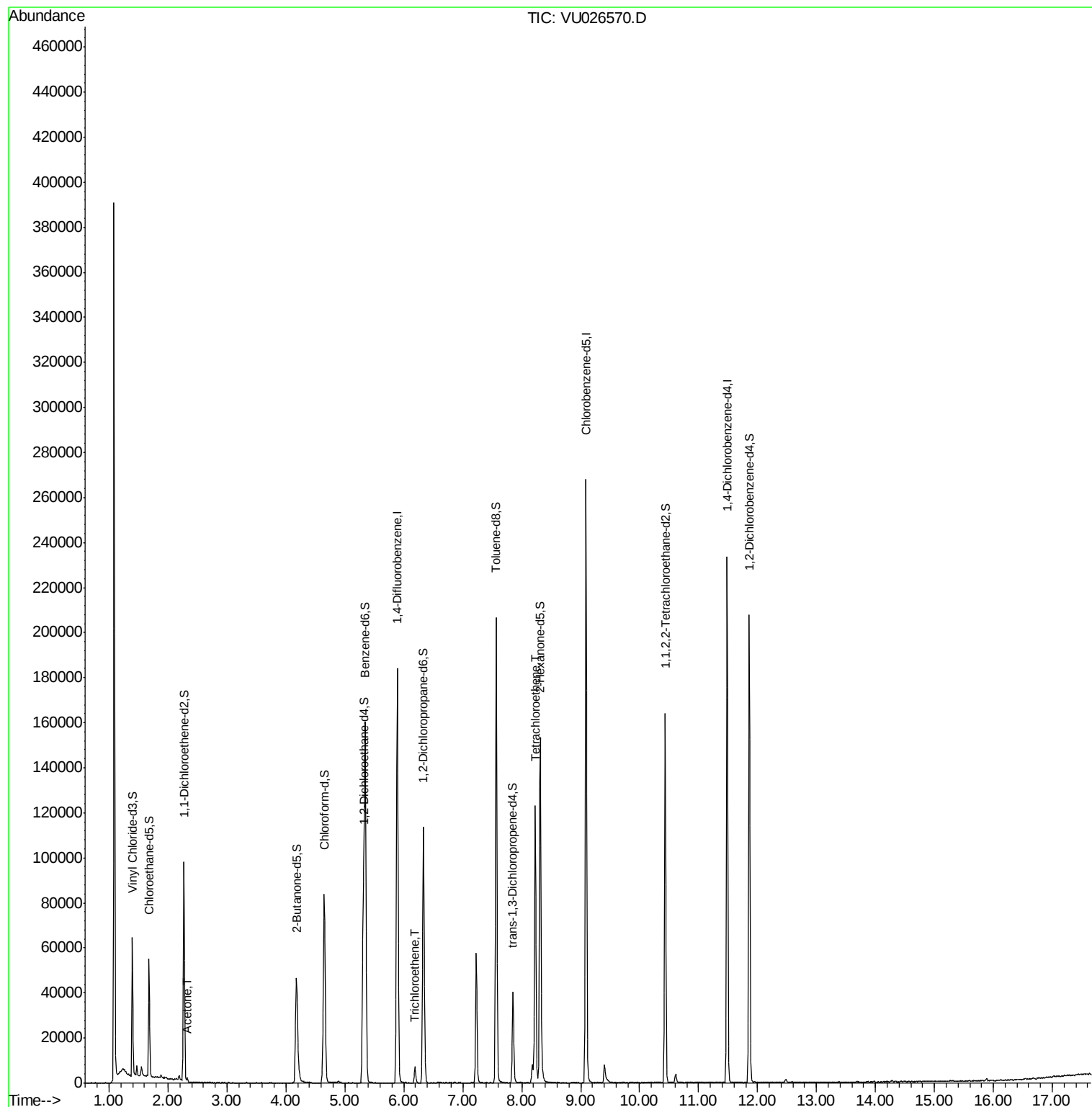
Target Compounds						Ovalue
13) Acetone	2.32	43	1472	2.30	ug/L	49
34) Trichloroethene	6.19	95	2417	2.32	ug/L	93
46) Tetrachloroethene	8.23	164	28532	33.52	ug/L	94

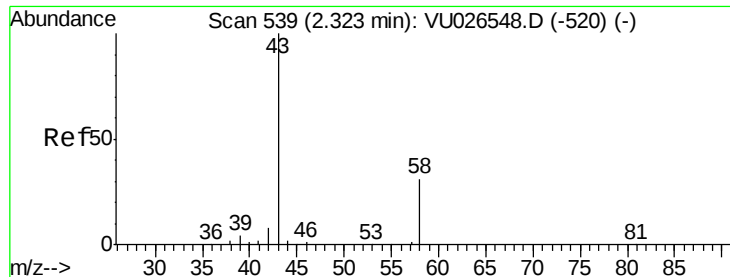
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.30 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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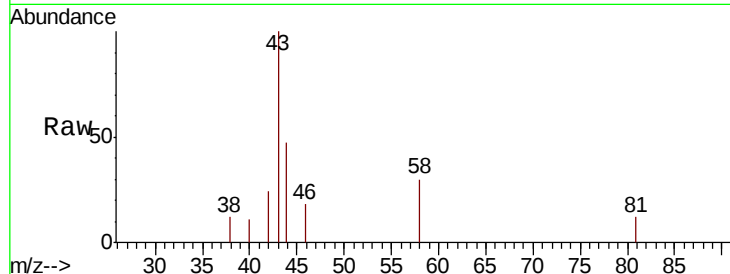
Instrument :
MSVOA_U
ClientSampleId :
BEGD1

Tot Ion: 43 Resp: 1472

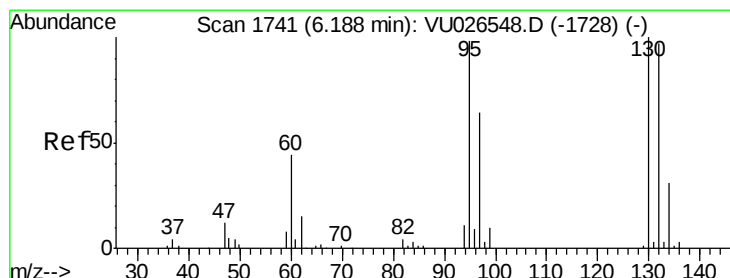
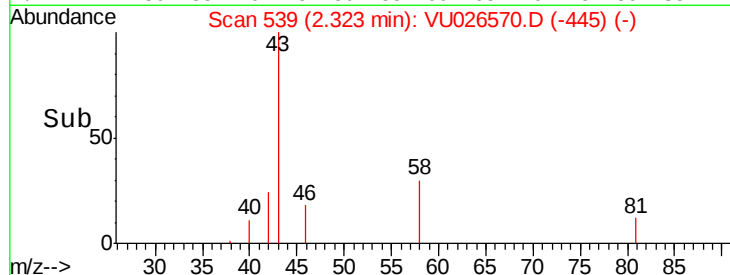
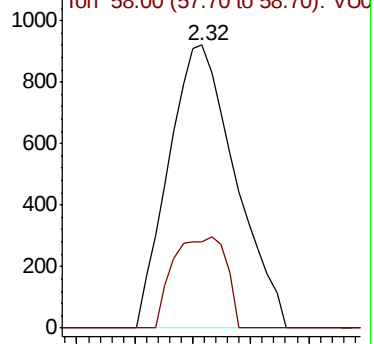
Ion Ratio Lower Upper

43 100

58 2.7 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU026548.D (-520) (-)



#34

Trichloroethene

Concen: 2.32 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026570.D

Acq: 06 Sep 2018 02:18

Tgt Ion: 95 Resp: 2417

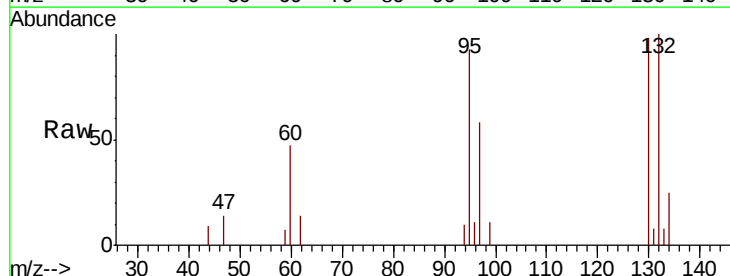
Ion Ratio Lower Upper

95 100

97 62.4 45.1 83.7

132 107.2 67.5 125.3

130 105.0 69.3 128.7



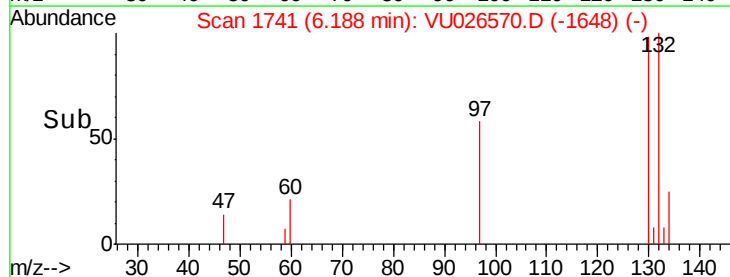
Abundance Ion 95.00 (94.70 to 95.70): VU026548.D (-1728) (-)

Ion 97.00 (96.70 to 97.70): VU026548.D (-1728) (-)

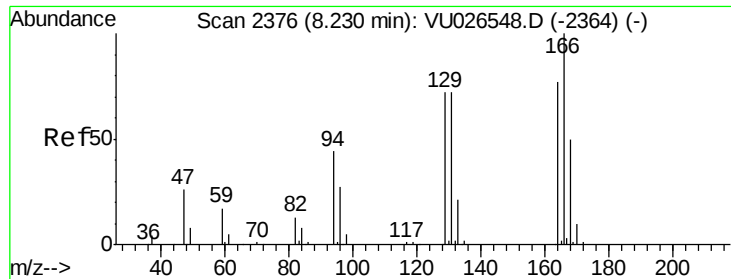
Ion 132.00 (131.70 to 132.70): VU026548.D (-1728) (-)

Ion 130.00 (129.70 to 130.70): VU026548.D (-1728) (-)

Time-->



Time-->



#46

Tetrachloroethene

Concen: 33.52 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026570.D

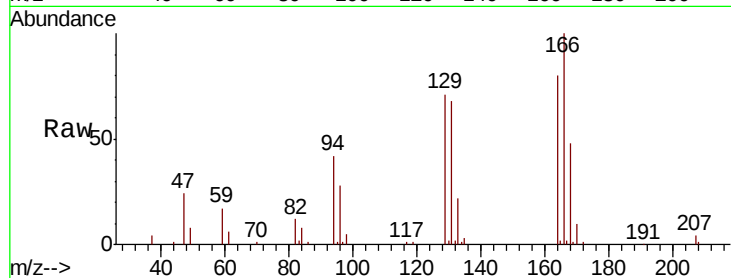
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Tot Ion:164 Resp: 28532

Ion Ratio Lower Upper

164 100

129 88.5 67.3 125.1

131 85.4 65.3 121.3

166 125.1 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

