

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052019\
 Data File : VU032170.D
 Acq On : 20 May 2019 21:33
 Operator : JC/SP
 Sample : K2889-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BM3

Quant Time: May 21 09:27:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 21 08:29:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	357610	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	367101	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	152526	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	96985	3.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.40%
7) Chloroethane-d5	1.68	69	85970	3.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.80%
11) 1,1-Dichloroethene-d2	2.27	63	138842	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	4.20	46	242087	40.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.88%
24) Chloroform-d	4.64	84	209559	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.20%
26) 1,2-Dichloroethane-d4	5.31	65	107924	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
32) Benzene-d6	5.33	84	407353	3.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.80%
36) 1,2-Dichloropropane-d6	6.33	67	123625	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.60%
41) Toluene-d8	7.56	98	330983	3.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.00%#
43) trans-1,3-Dichloropropene-	7.85	79	40897	3.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.40%
46) 2-Hexanone-d5	8.31	63	236230	44.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	106155	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	131730	4.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.60%

Target Compounds

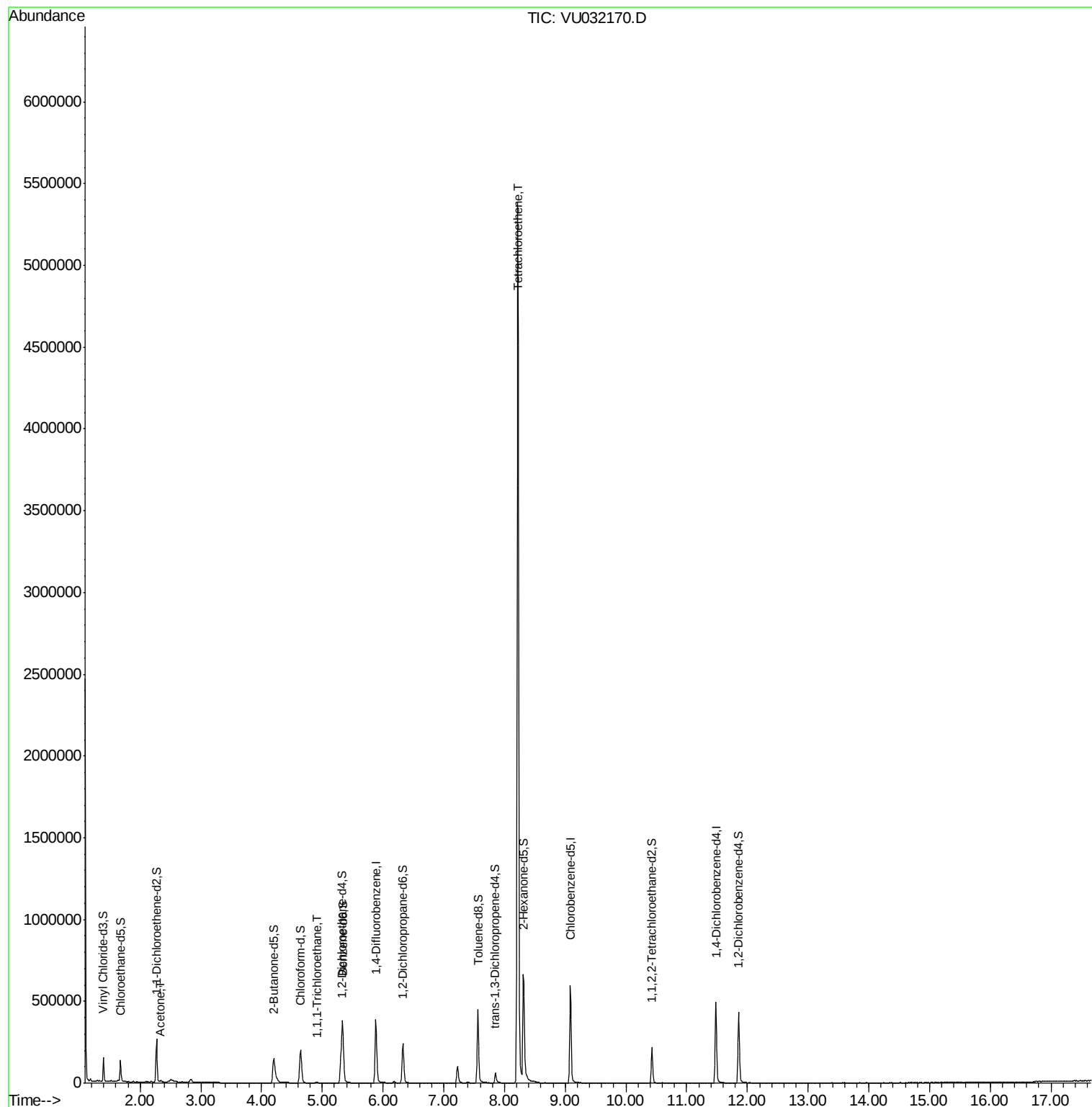
					Ovalue
13) Acetone	2.33	43	4973	2.561 ug/L	89
29) 1,1,1-Trichloroethane	4.91	97	3588	0.168 ug/L #	81
47) Tetrachloroethene	8.22	164	1311314	114.724 ug/L	95

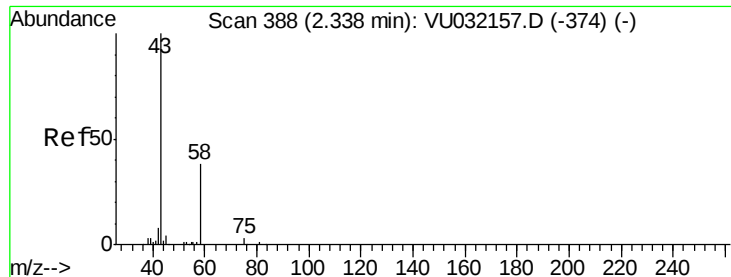
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.561 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

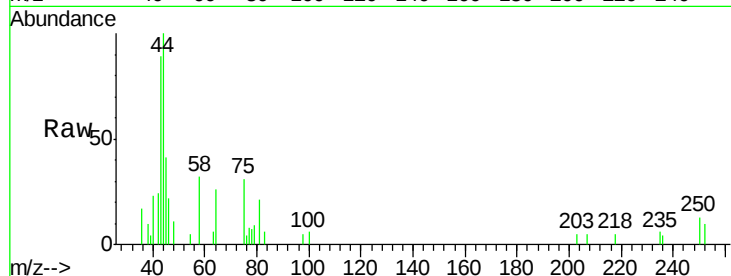
C0BM3

Tot Ion: 43 Resp: 4973

Ion Ratio Lower Upper

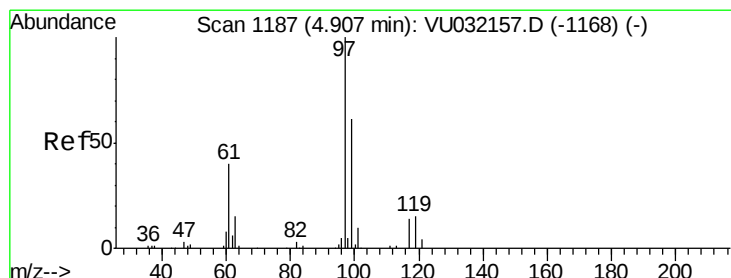
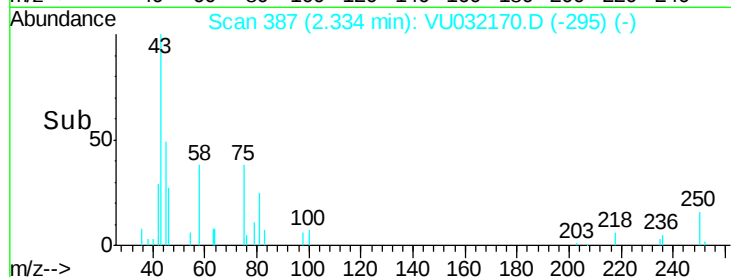
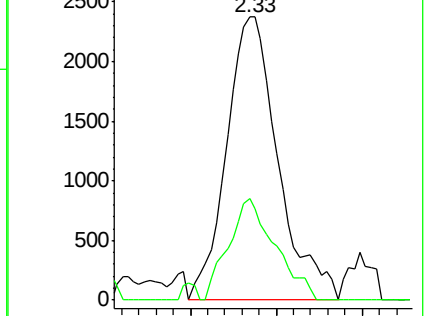
43 100

58 32.4 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032170.D (-295) (-)

Ion 58.05 (57.75 to 58.75): VU032170.D (-295) (-)



#29

1,1,1-Trichloroethane

Concen: 0.168 ug/L

RT: 4.91 min Scan# 1187

Delta R.T. -0.00 min

Lab File: VU032170.D

Acq: 20 May 2019 21:33

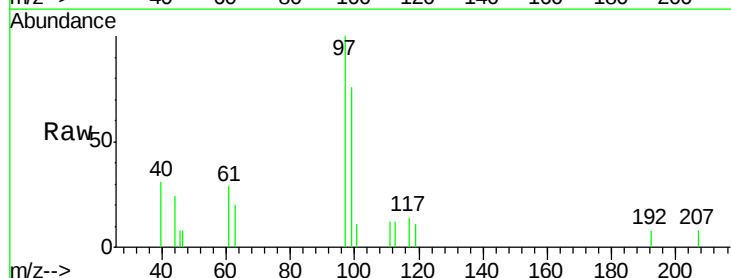
Tgt Ion: 97 Resp: 3588

Ion Ratio Lower Upper

97 100

99 70.4 53.7 80.5

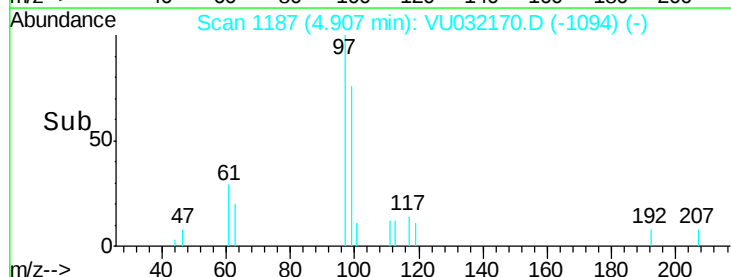
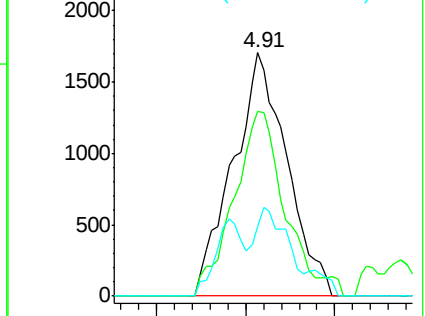
61 16.1 34.2 51.4#

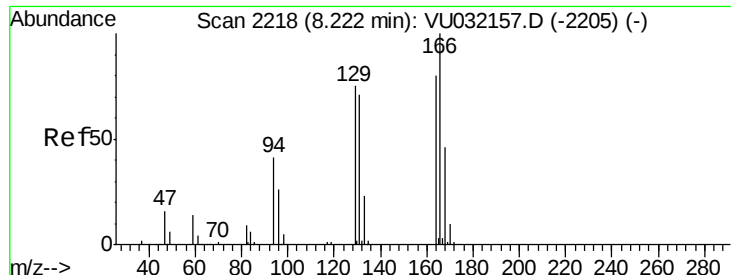


Abundance Ion 96.95 (96.65 to 97.65): VU032170.D (-1094) (-)

Ion 99.05 (98.75 to 99.75): VU032170.D (-1094) (-)

Ion 61.05 (60.75 to 61.75): VU032170.D (-1094) (-)





#47

Tetrachloroethene

Concen: 114.724 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032170.D

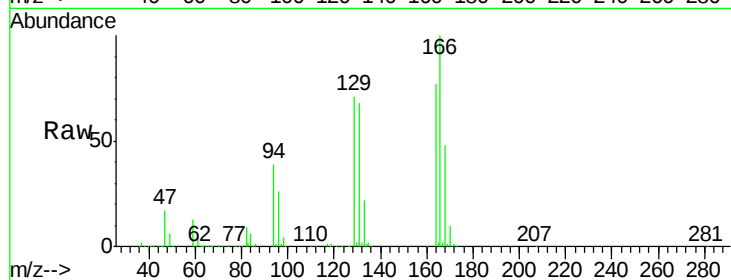
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Tot Ion:164 Resp: 1311314

Ion Ratio Lower Upper

164 100

129 91.7 70.3 130.5

131 87.5 64.5 119.9

166 129.4 92.3 171.5

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

