

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062919\
 Data File : VU033085.D
 Acq On : 28 Jun 2019 21:07
 Operator : JC/SP
 Sample : K3597-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM66

Quant Time: Jun 29 01:26:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 29 00:59:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	82137	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	86218	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	40860	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	35683	6.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	130.60%#
7) Chloroethane-d5	1.68	69	27291	6.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.20%
11) 1,1-Dichloroethene-d2	2.27	63	53821	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.80%
20) 2-Butanone-d5	4.19	46	88785	53.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.98%
24) Chloroform-d	4.64	84	61138	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	5.30	65	33750	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.33	84	113993	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.32	67	35979	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.56	98	99119	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.85	79	14312	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.31	63	58562	48.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29543	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	39011	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

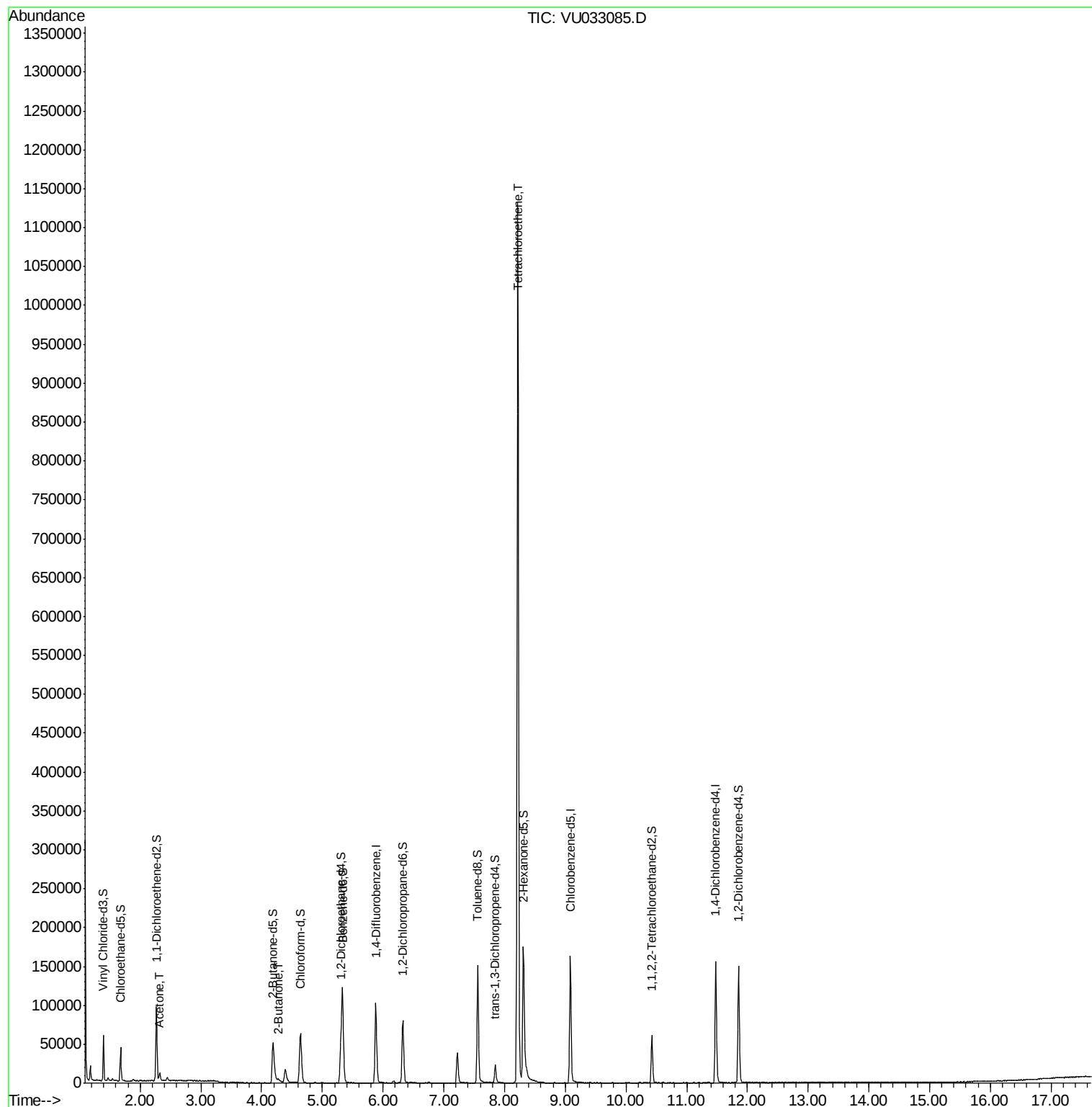
Target Compounds					Ovalue
13) Acetone	2.32	43	9980	7.135 ug/L	97
21) 2-Butanone	4.29	43	5145	2.613 ug/L	96
47) Tetrachloroethene	8.22	164	237173	42.355 ug/L	99

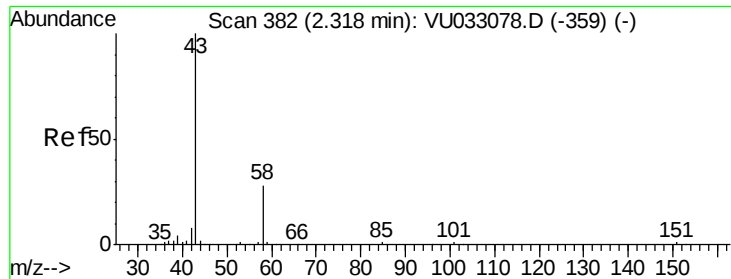
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.135 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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ClientSampleId :

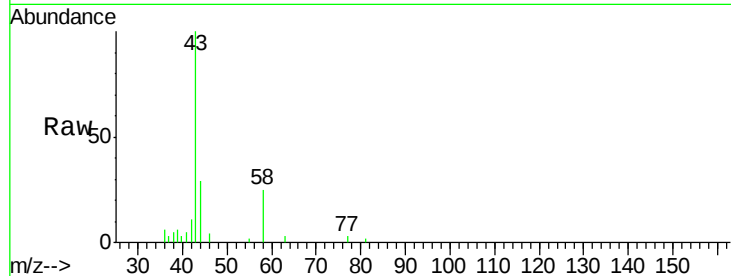
GAM66

Tot Ion: 43 Resp: 9980

Ion Ratio Lower Upper

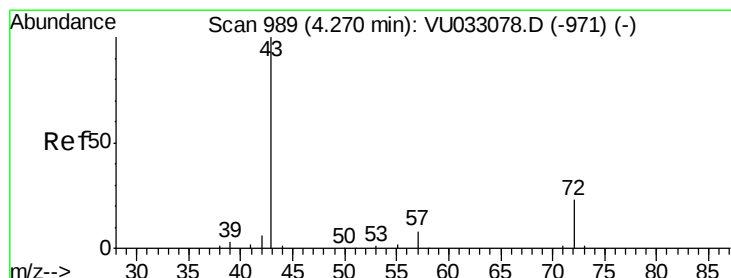
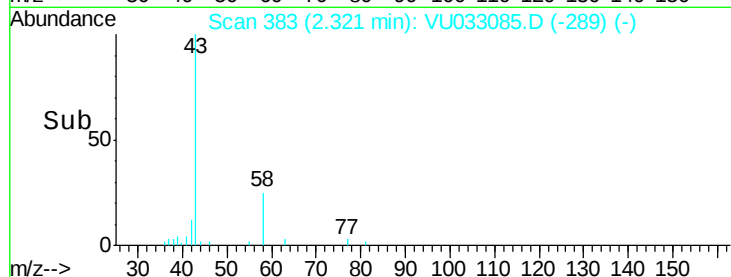
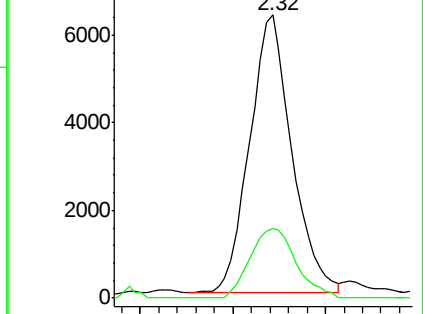
43 100

58 27.4 0.0 51.8



Abundance Ion 43.05 (42.75 to 43.75): VU033078.D (-359) (-)

Ion 58.05 (57.75 to 58.75): VU033078.D (-359) (-)



#21

2-Butanone

Concen: 2.613 ug/L

RT: 4.29 min Scan# 994

Delta R.T. 0.02 min

Lab File: VU033085.D

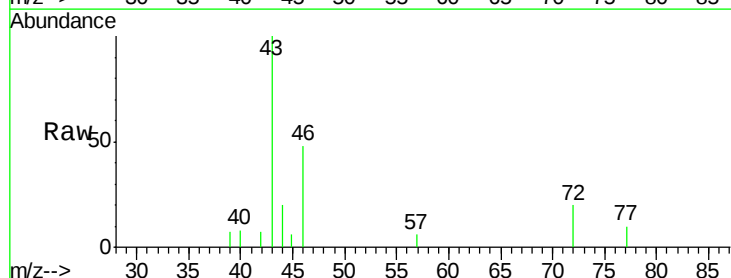
Acq: 28 Jun 2019 21:07

Tgt Ion: 43 Resp: 5145

Ion Ratio Lower Upper

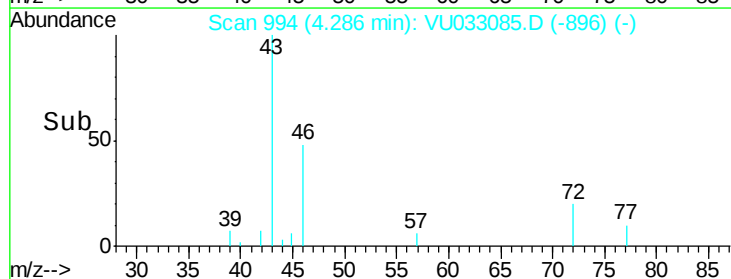
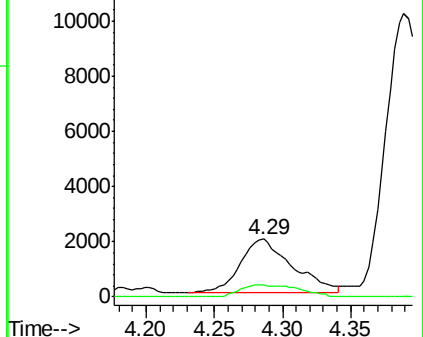
43 100

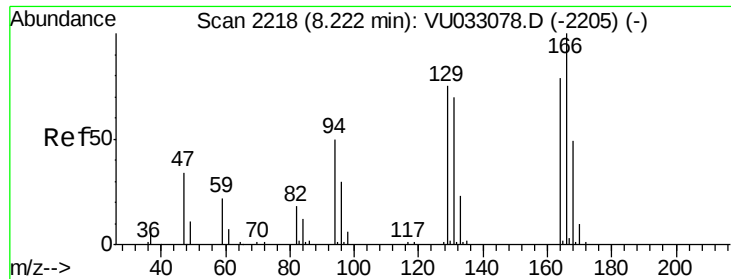
72 24.8 11.5 34.5



Abundance Ion 43.05 (42.75 to 43.75): VU033078.D (-971) (-)

Ion 72.10 (71.80 to 72.80): VU033078.D (-971) (-)





#47

Tetrachloroethene

Concen: 42.355 ug/L

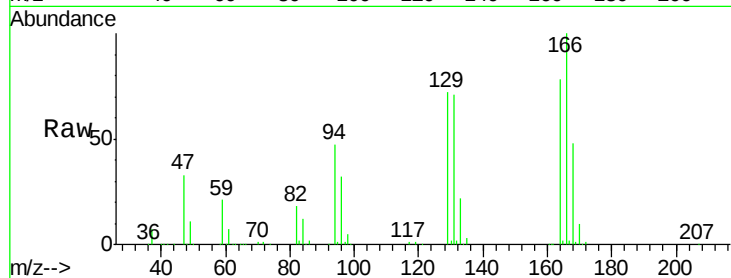
RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

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Tot Ion:164 Resp: 237173

Ion Ratio Lower Upper

164 100

129 93.1 64.9 120.5

131 91.5 63.5 117.9

166 128.7 89.1 165.5

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

