

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062919\
 Data File : VU033092.D
 Acq On : 28 Jun 2019 23:57
 Operator : JC/SP
 Sample : K3597-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM73

Quant Time: Jun 29 01:57:33 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	81679	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	87031	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	40083	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	35887	6.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	132.00%#
7) Chloroethane-d5	1.68	69	27801	6.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	125.20%
11) 1,1-Dichloroethene-d2	2.27	63	54425	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.20%
20) 2-Butanone-d5	4.19	46	101664	61.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.20%
24) Chloroform-d	4.64	84	63197	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.00%
26) 1,2-Dichloroethane-d4	5.31	65	37041	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.80%
32) Benzene-d6	5.33	84	116649	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.32	67	38515	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.56	98	101469	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	7.85	79	15091	5.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.80%
46) 2-Hexanone-d5	8.31	63	65492	53.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32934	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	42574	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

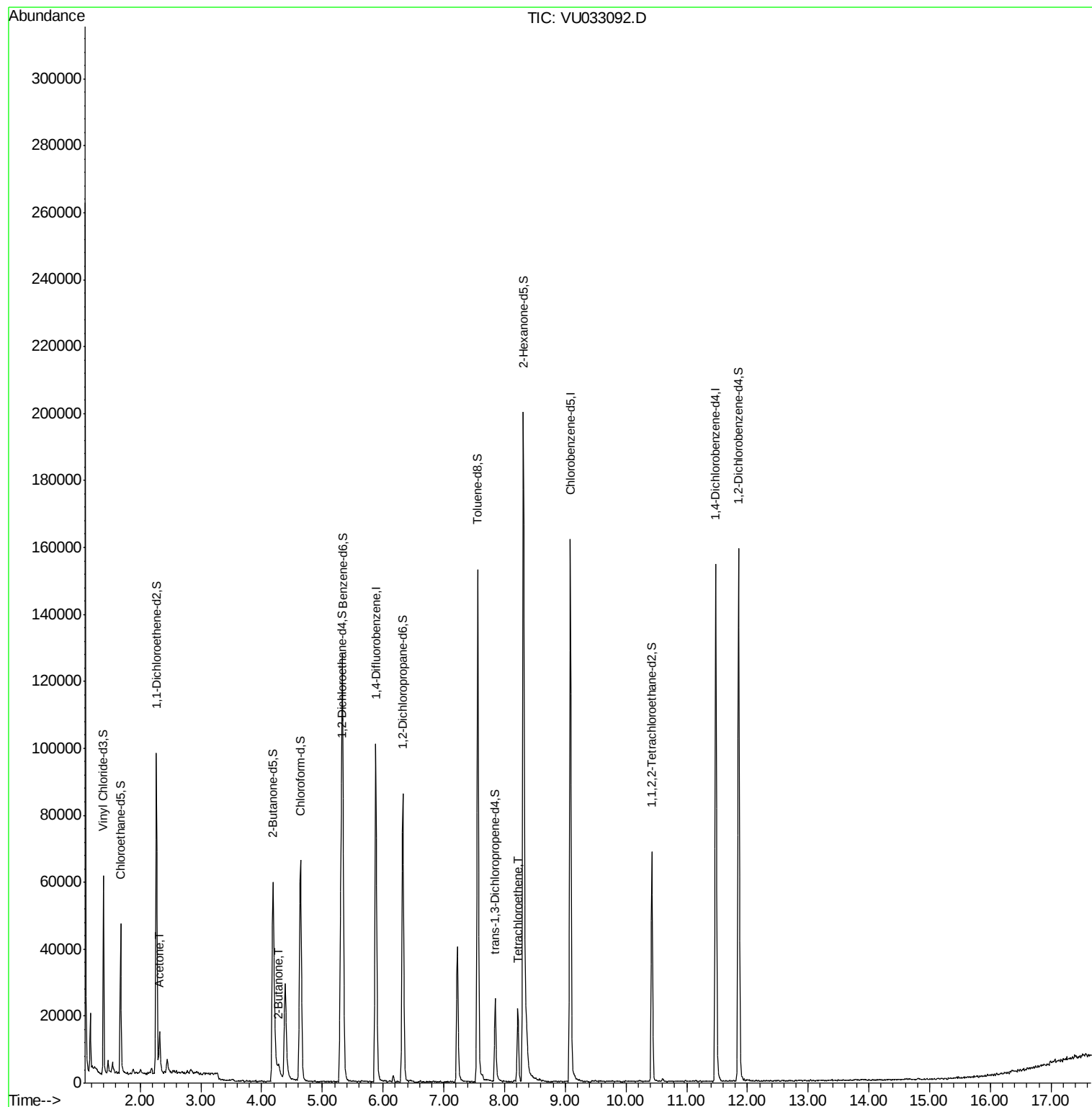
Target Compounds					Ovalue
13) Acetone	2.32	43	12306	8.847 ug/L	95
21) 2-Butanone	4.28	43	5685	2.904 ug/L #	74
47) Tetrachloroethene	8.22	164	4766	0.843 ug/L	96

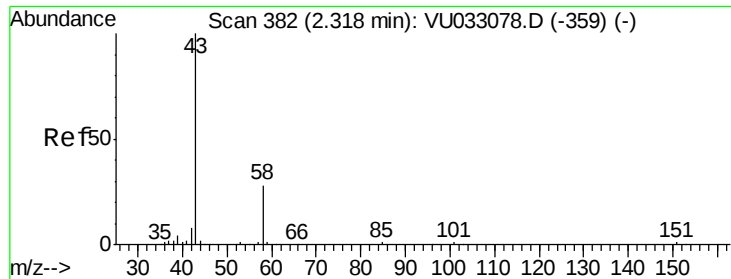
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.847 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU033092.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_U

ClientSampled :

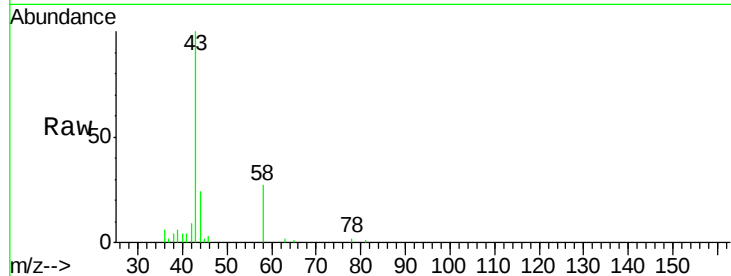
GAM73

Tot Ion: 43 Resp: 12306

Ion Ratio Lower Upper

43 100

58 28.6 0.0 51.8



Abundance Ion 43.05 (42.75 to 43.75): VU033092.D (-359) (-)

Ion 58.05 (57.75 to 58.75): VU033092.D (-359) (-)

2.32

8000

6000

4000

2000

0

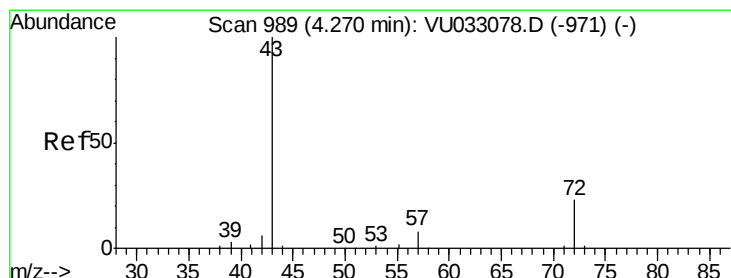
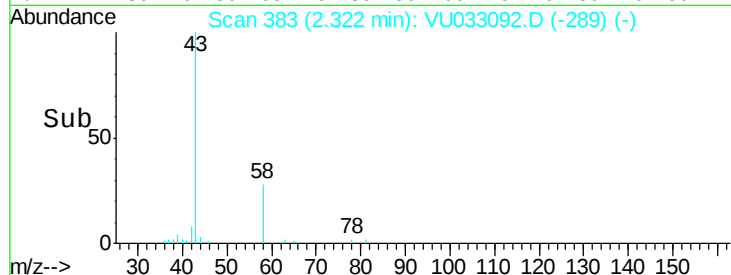
Time-->

2.25

2.30

2.35

2.40



#21

2-Butanone

Concen: 2.904 ug/L

RT: 4.28 min Scan# 993

Delta R.T. 0.01 min

Lab File: VU033092.D

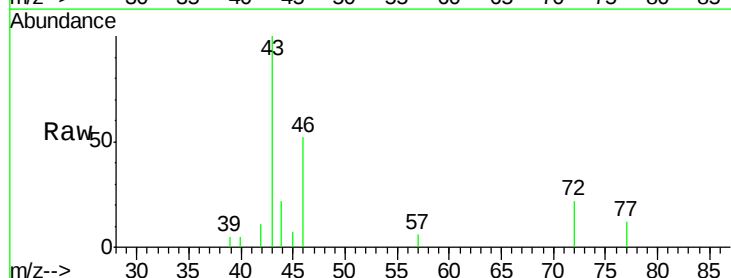
Acq: 28 Jun 2019 23:57

Tgt Ion: 43 Resp: 5685

Ion Ratio Lower Upper

43 100

72 10.5 11.5 34.5#



Abundance Ion 43.05 (42.75 to 43.75): VU033092.D (-971) (-)

Ion 72.10 (71.80 to 72.80): VU033092.D (-971) (-)

4.28

8000

6000

4000

2000

0

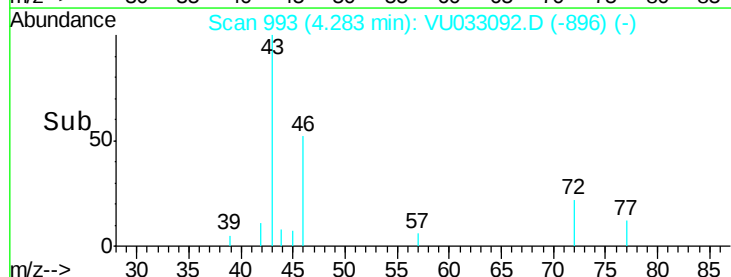
Time-->

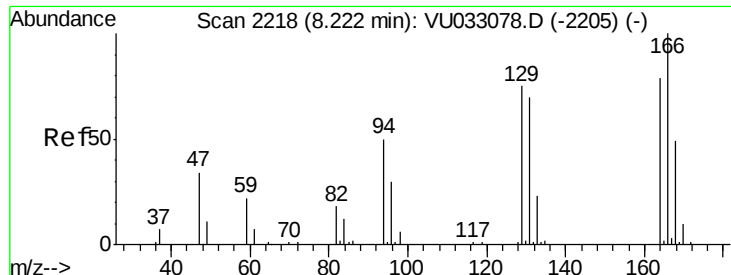
4.20

4.25

4.30

4.35





#47

Tetrachloroethene

Concen: 0.843 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. -0.00 min

Lab File: VU033092.D

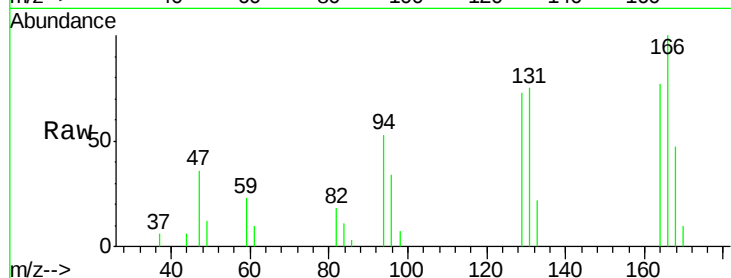
Acq: 28 Jun 2019 23:57

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MSVOA_U

ClientSampleId :

GAM73



Tot Ion:164 Resp: 4766

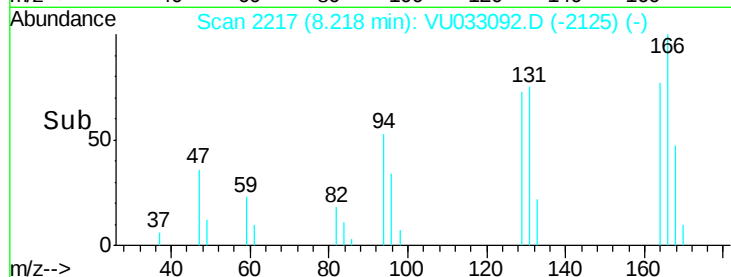
Ion Ratio Lower Upper

164 100

129 94.7 64.9 120.5

131 97.8 63.5 117.9

166 130.4 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

