

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062919\
 Data File : VU033073.D
 Acq On : 28 Jun 2019 15:06
 Operator : JC/SP
 Sample : K3597-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM65

Quant Time: Jun 29 00:48:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 29 00:32:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	89937	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	89561	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45538	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36409	6.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.60%
7) Chloroethane-d5	1.68	69	28903	5.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.20%
11) 1,1-Dichloroethene-d2	2.27	63	55725	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.80%
20) 2-Butanone-d5	4.19	46	89487	49.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.48%
24) Chloroform-d	4.64	84	63040	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.31	65	35881	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.33	84	120860	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
36) 1,2-Dichloropropane-d6	6.32	67	39473	5.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.40%
41) Toluene-d8	7.56	98	107710	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	7.85	79	15405	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	8.31	63	63383	50.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29545	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	42584	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

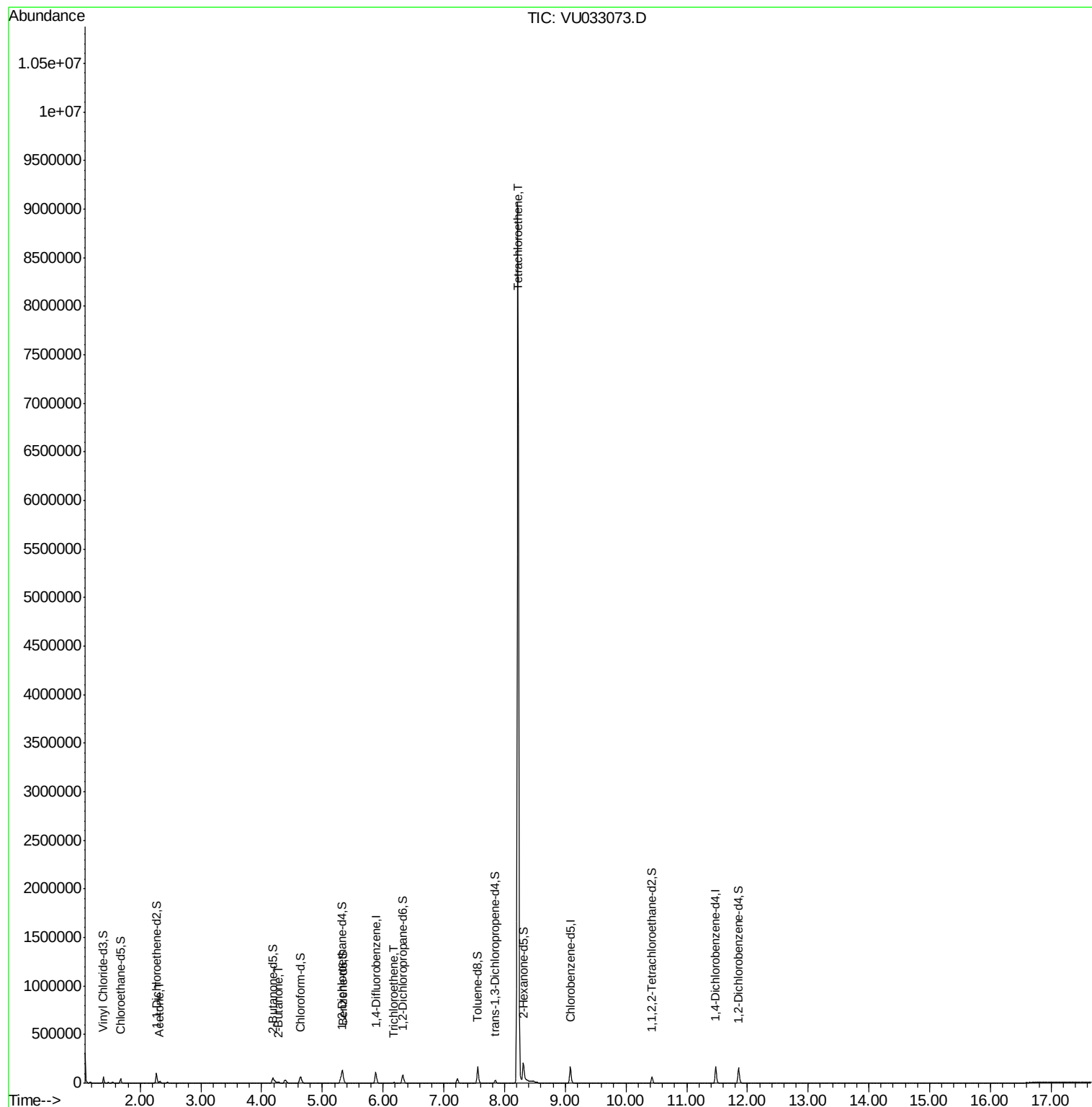
					Ovalue
13) Acetone	2.32	43	16249	10.610 ug/L	99
21) 2-Butanone	4.28	43	8691	4.031 ug/L	94
34) Trichloroethene	6.18	95	2090	0.289 ug/L	86
47) Tetrachloroethene	8.22	164	1851864	318.365 ug/L	97

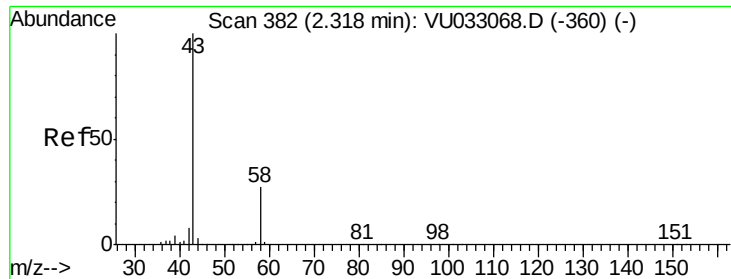
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.610 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU033073.D

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MSVOA_U

ClientSampleId :

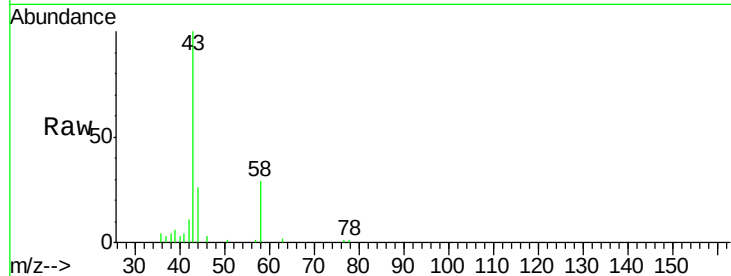
GAM65

Tot Ion: 43 Resp: 16249

Ion Ratio Lower Upper

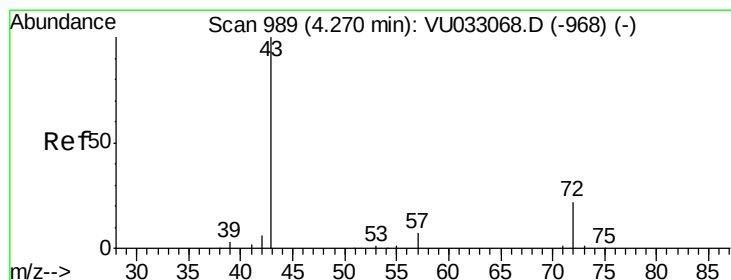
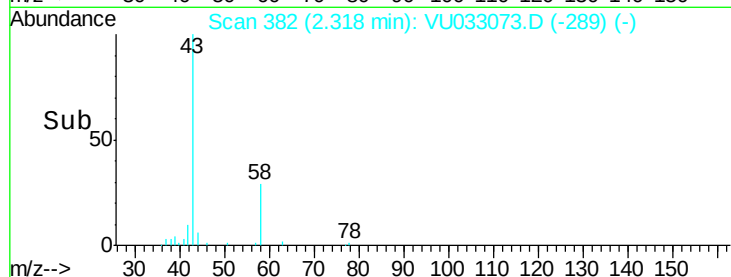
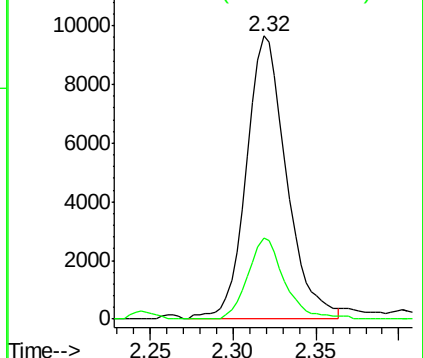
43 100

58 26.2 0.0 51.8



Abundance Ion 43.05 (42.75 to 43.75): VU033068.D (-360) (-)

Ion 58.05 (57.75 to 58.75): VU033068.D (-360) (-)



#21

2-Butanone

Concen: 4.031 ug/L

RT: 4.28 min Scan# 993

Delta R.T. 0.01 min

Lab File: VU033073.D

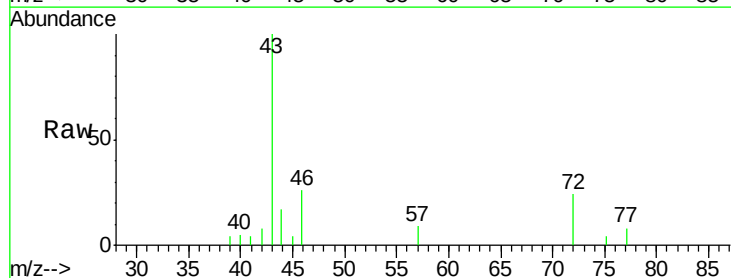
Acq: 28 Jun 2019 15:06

Tgt Ion: 43 Resp: 8691

Ion Ratio Lower Upper

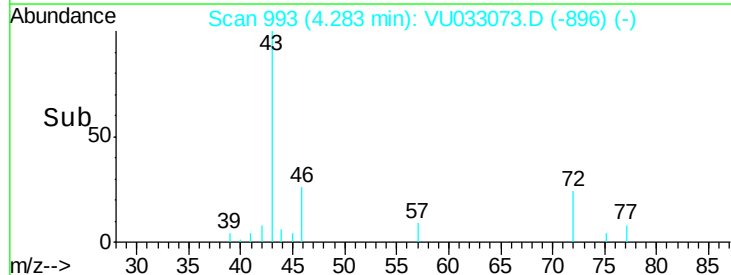
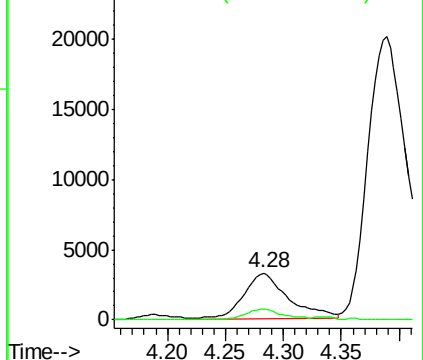
43 100

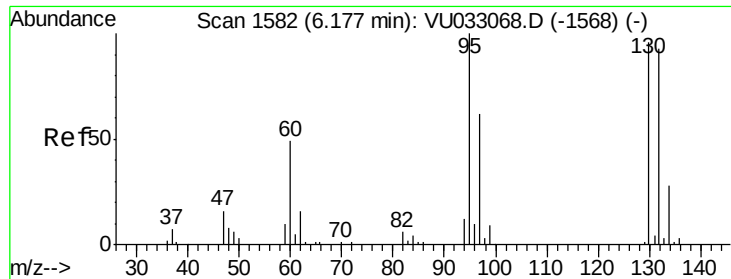
72 20.3 11.5 34.5



Abundance Ion 43.05 (42.75 to 43.75): VU033068.D (-968) (-)

Ion 72.10 (71.80 to 72.80): VU033068.D (-968) (-)





#34

Trichloroethene

Concen: 0.289 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU033073.D

Acq: 28 Jun 2019 15:06

Instrument :

MSVOA_U

ClientSampleId :

GAM65

Tot Ion: 95 Resp: 2090

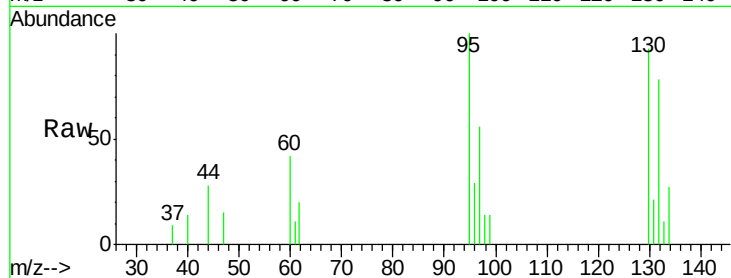
Ion Ratio Lower Upper

95 100

97 56.0 46.0 85.4

132 78.0 68.6 127.4

130 92.6 71.1 132.1

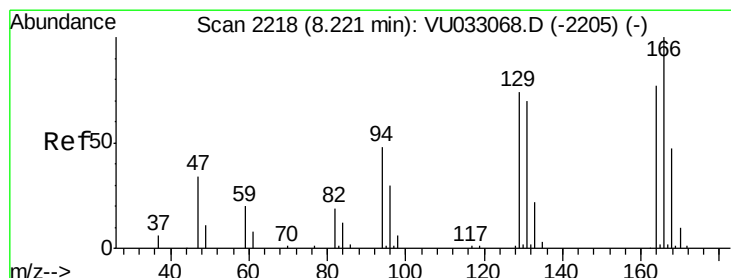
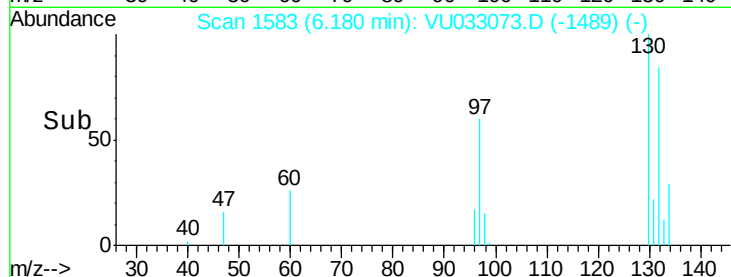
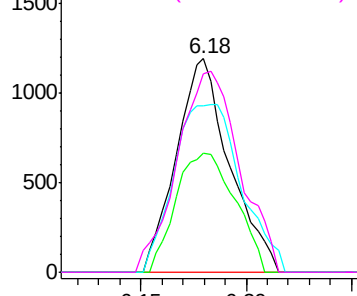


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 318.365 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU033073.D

Acq: 28 Jun 2019 15:06

Tgt Ion: 164 Resp: 1851864

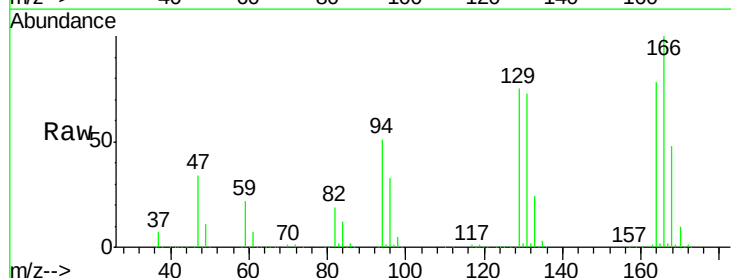
Ion Ratio Lower Upper

164 100

129 96.6 64.9 120.5

131 94.1 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

