

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062919\
 Data File : VU033088.D
 Acq On : 28 Jun 2019 22:20
 Operator : JC/SP
 Sample : K3597-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM69

Quant Time: Jun 29 01:46:12 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	86892	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	91155	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43805	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37876	6.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	131.00%#
7) Chloroethane-d5	1.68	69	29141	6.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	123.20%
11) 1,1-Dichloroethene-d2	2.27	63	57763	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.00%
20) 2-Butanone-d5	4.19	46	94800	53.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.98%
24) Chloroform-d	4.64	84	65664	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
26) 1,2-Dichloroethane-d4	5.31	65	36952	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.33	84	122255	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.32	67	40028	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.56	98	106378	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	7.85	79	15407	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	8.31	63	67404	52.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31246	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	44720	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

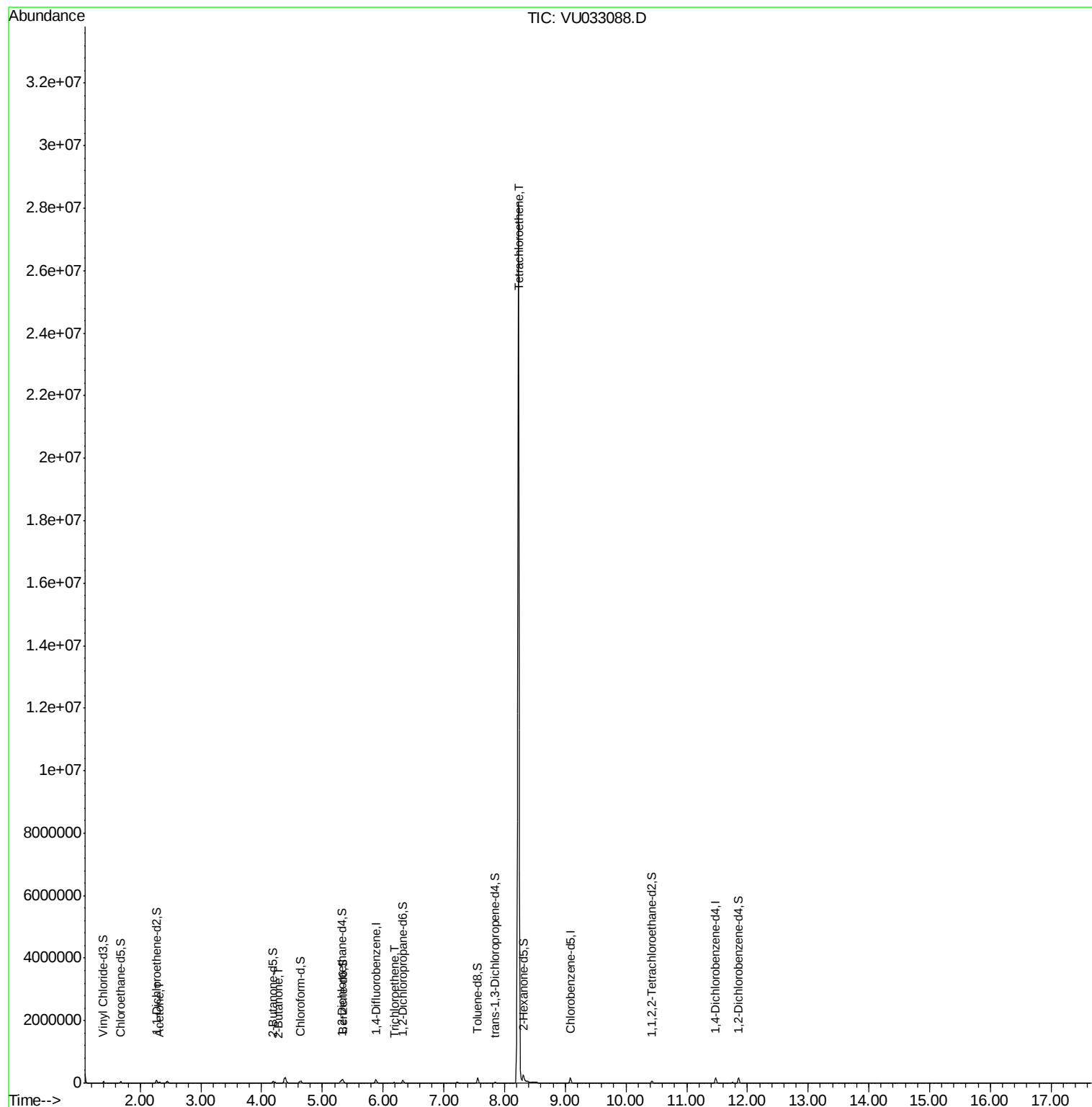
Target Compounds					Ovalue
13) Acetone	2.32	43	46022	31.103 ug/L	99
21) 2-Butanone	4.28	43	9062	4.351 ug/L	78
34) Trichloroethene	6.18	95	5697	0.774 ug/L	92
47) Tetrachloroethene	8.23	164	5583335	943.080 ug/L	94

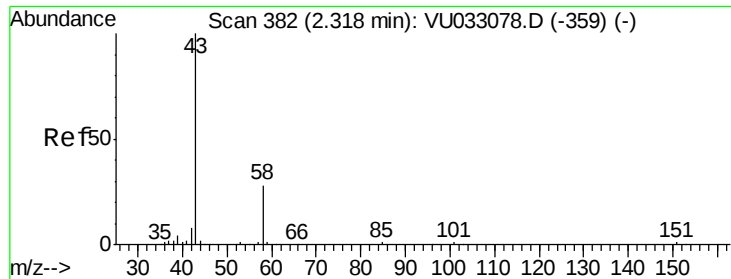
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 31.103 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

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Acq: 28 Jun 2019 22:20

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MSVOA_U

ClientSampleId :

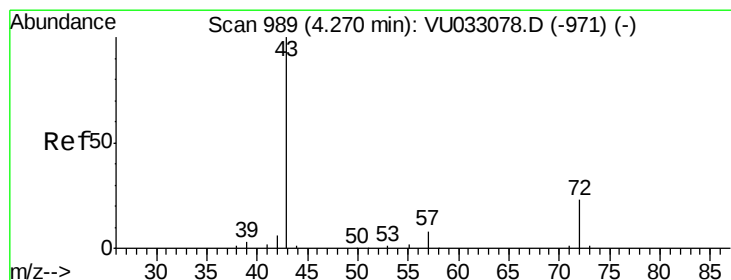
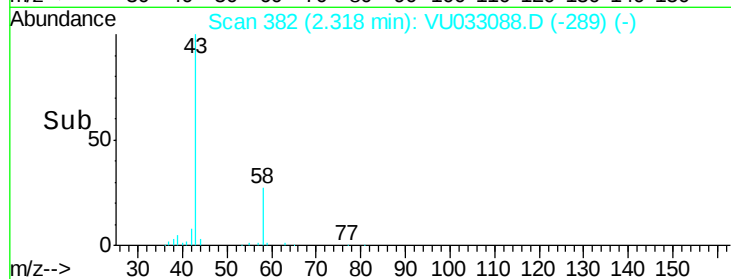
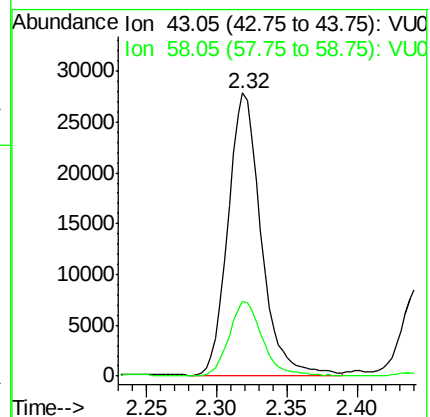
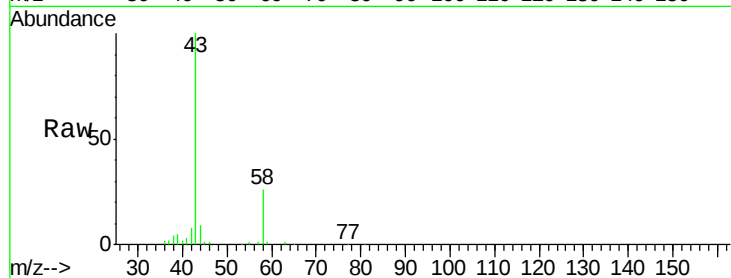
GAM69

Tot Ion: 43 Resp: 46022

Ion Ratio Lower Upper

43 100

58 26.4 0.0 51.8



#21

2-Butanone

Concen: 4.351 ug/L

RT: 4.28 min Scan# 993

Delta R.T. 0.01 min

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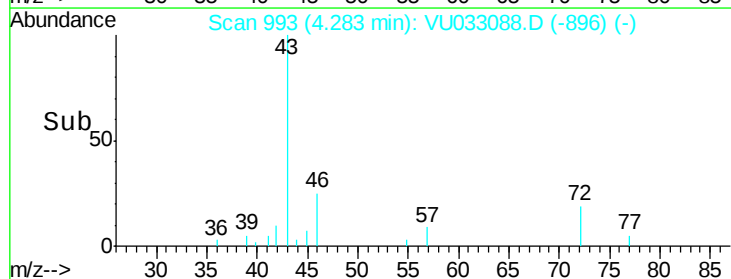
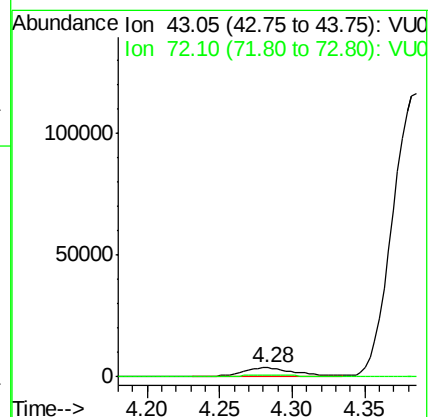
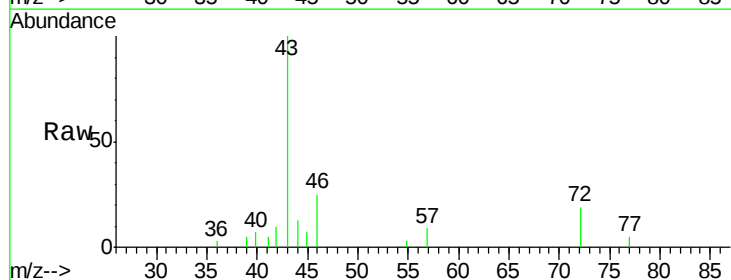
Acq: 28 Jun 2019 22:20

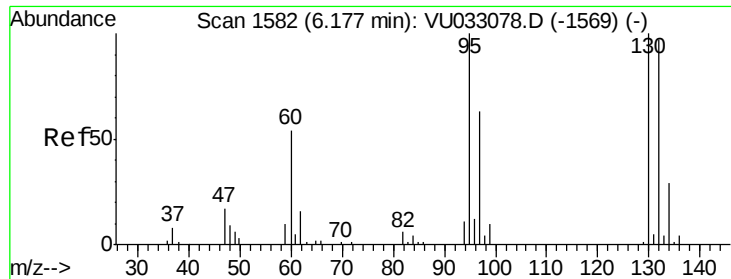
Tgt Ion: 43 Resp: 9062

Ion Ratio Lower Upper

43 100

72 12.3 11.5 34.5





#34

Trichloroethene

Concen: 0.774 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU033088.D

Acq: 28 Jun 2019 22:20

Instrument :

MSVOA_U

ClientSampleId :

GAM69

Tot Ion: 95 Resp: 5697

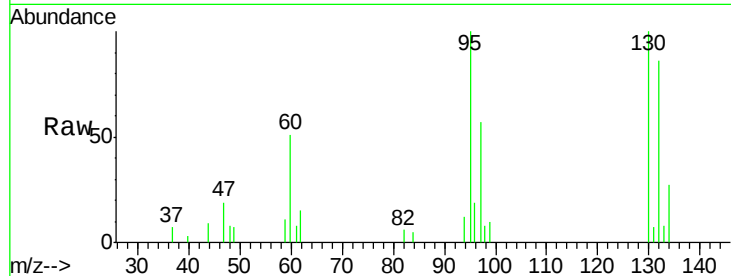
Ion Ratio Lower Upper

95 100

97 57.1 46.0 85.4

132 85.9 68.6 127.4

130 99.6 71.1 132.1

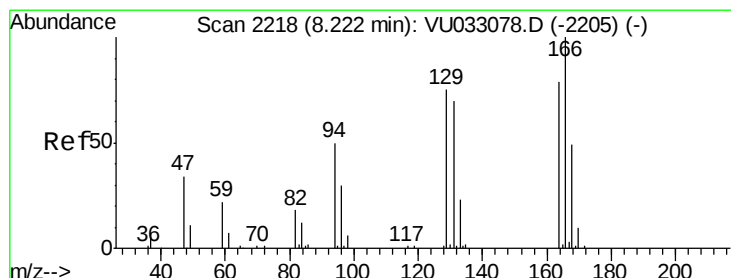
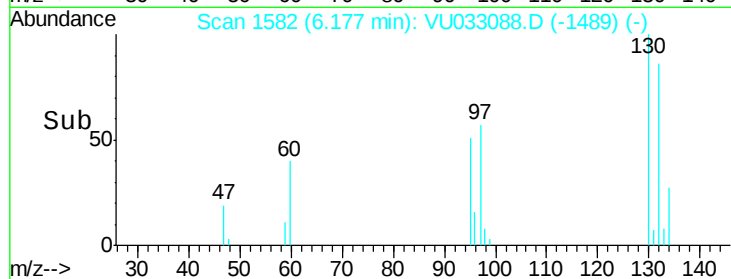
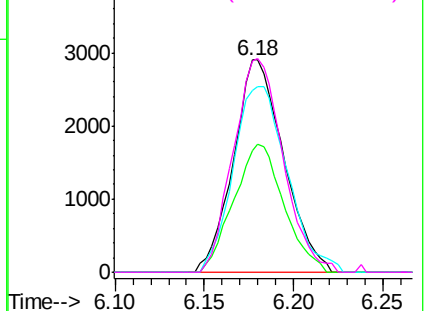


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 943.080 ug/L

RT: 8.23 min Scan# 2221

Delta R.T. 0.01 min

Lab File: VU033088.D

Acq: 28 Jun 2019 22:20

Tgt Ion:164 Resp: 5583335

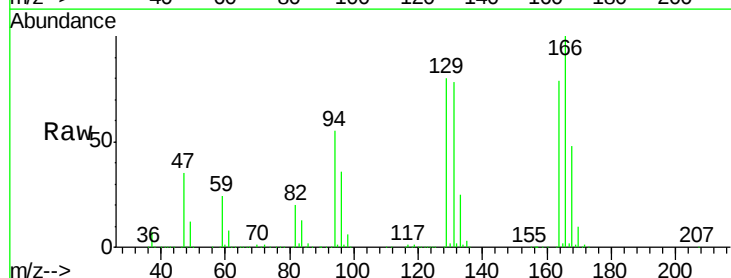
Ion Ratio Lower Upper

164 100

129 101.6 64.9 120.5

131 99.0 63.5 117.9

166 126.2 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

