

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062919\
 Data File : VU033091.D
 Acq On : 28 Jun 2019 23:33
 Operator : JC/SP
 Sample : K3597-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM72

Quant Time: Jun 29 01:55:01 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	84719	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	89218	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42511	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36708	6.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	130.20%#
7) Chloroethane-d5	1.68	69	29312	6.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	127.20%
11) 1,1-Dichloroethene-d2	2.27	63	56217	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.80%
20) 2-Butanone-d5	4.19	46	93017	54.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.66%
24) Chloroform-d	4.64	84	65279	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.60%
26) 1,2-Dichloroethane-d4	5.31	65	36985	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.33	84	120809	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
36) 1,2-Dichloropropane-d6	6.32	67	39069	5.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.80%
41) Toluene-d8	7.56	98	105650	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	7.85	79	14849	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.31	63	62238	49.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31529	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	43323	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

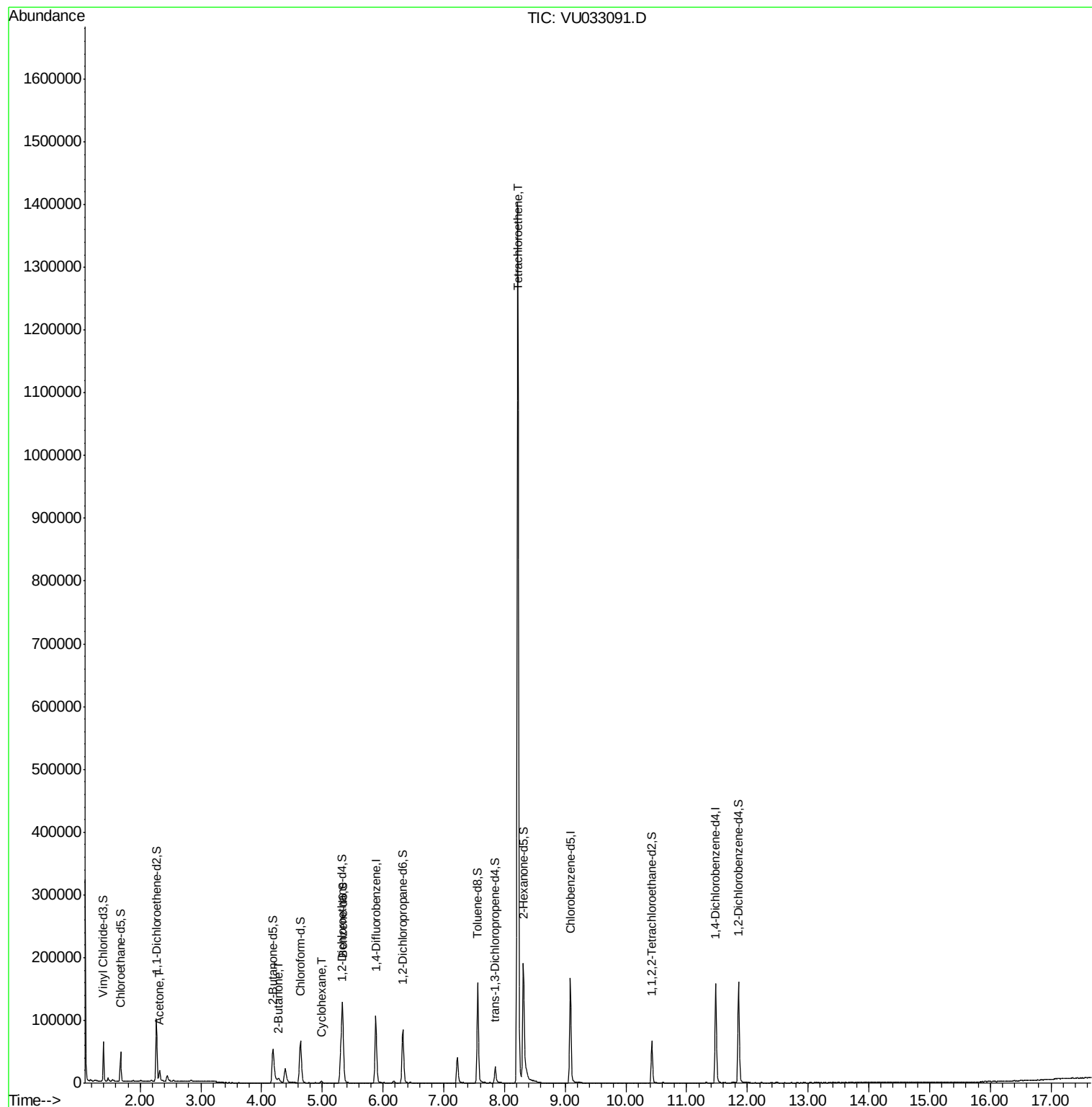
Target Compounds					Ovalue
13) Acetone	2.32	43	17897	12.405 ug/L	93
21) 2-Butanone	4.28	43	9603	4.729 ug/L	99
30) Cyclohexane	4.98	56	1228	0.117 ug/L #	85
47) Tetrachloroethene	8.22	164	297065	51.267 ug/L	99

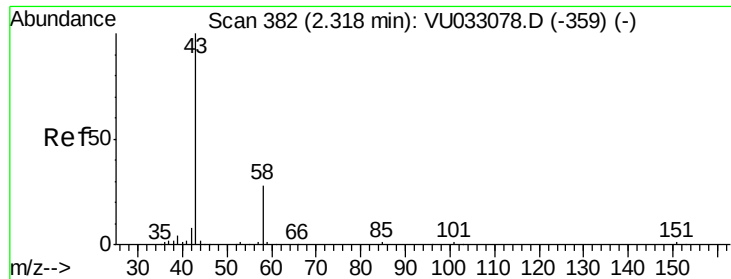
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.405 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

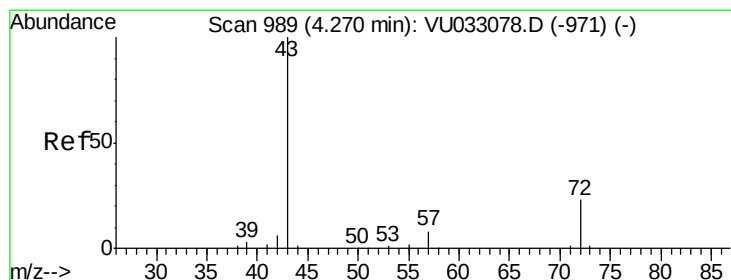
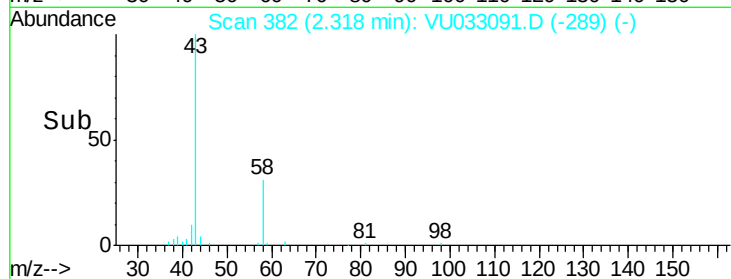
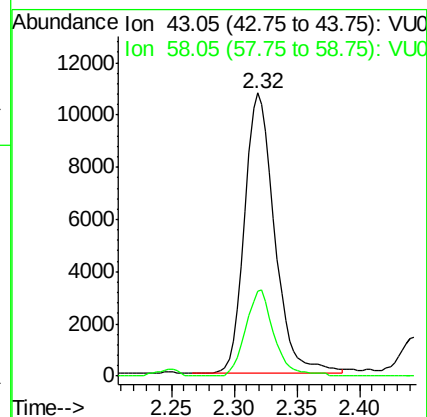
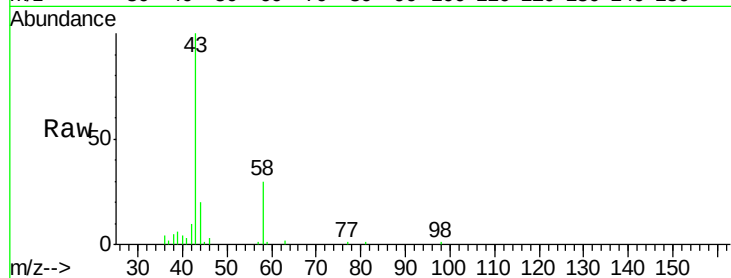
GAM72

Tot Ion: 43 Resp: 17897

Ion Ratio Lower Upper

43 100

58 29.2 0.0 51.8



#21

2-Butanone

Concen: 4.729 ug/L

RT: 4.28 min Scan# 992

Delta R.T. 0.01 min

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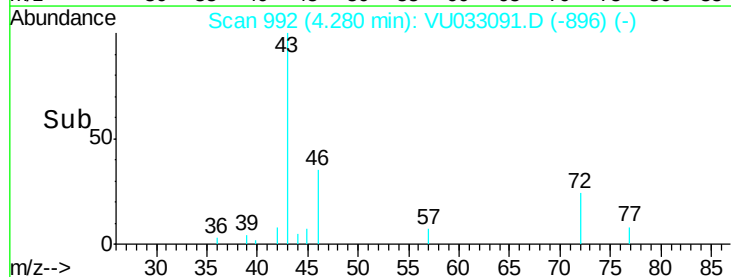
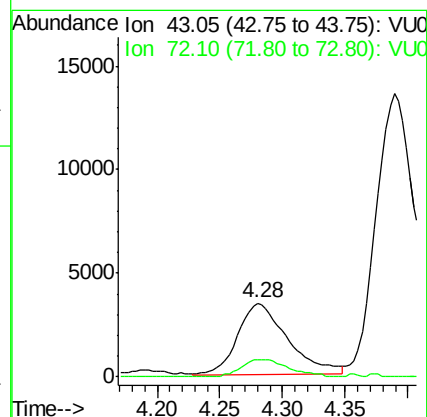
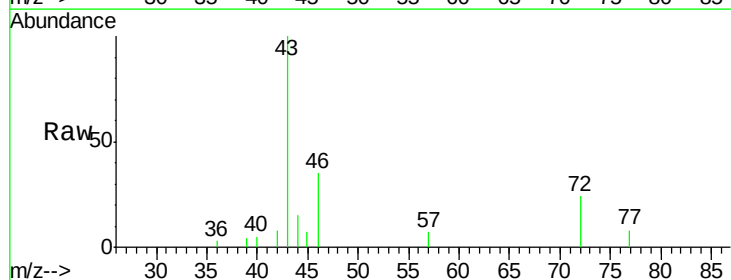
Acq: 28 Jun 2019 23:33

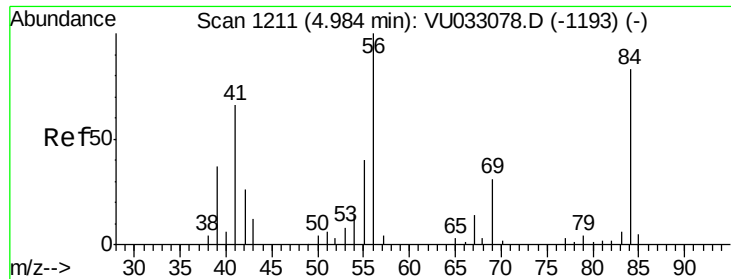
Tgt Ion: 43 Resp: 9603

Ion Ratio Lower Upper

43 100

72 22.6 11.5 34.5

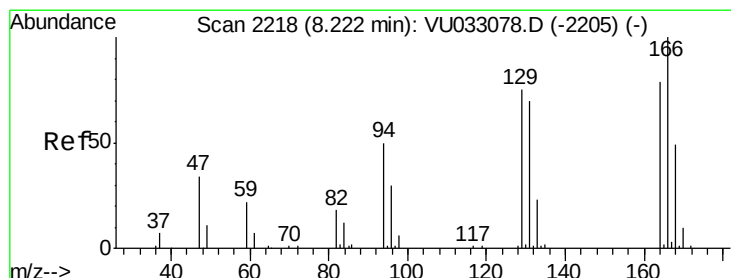
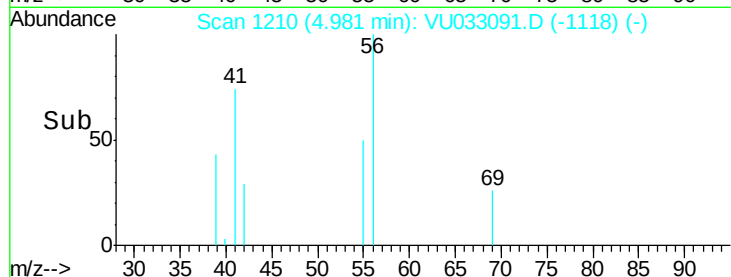
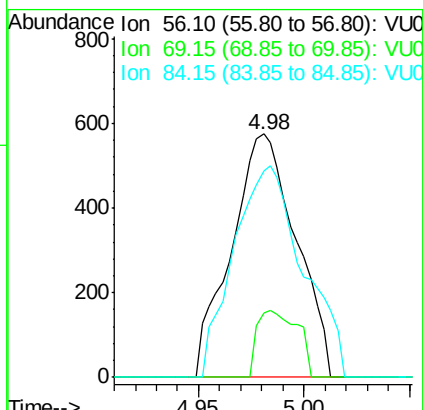
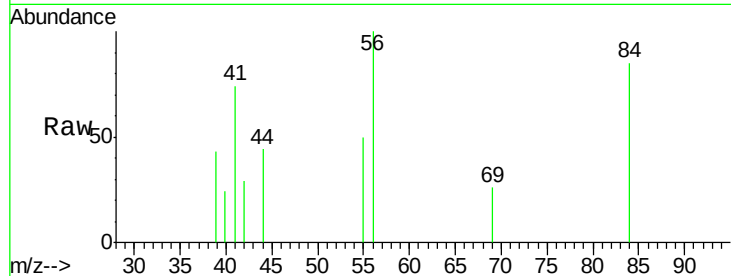




#30
Cyclohexane
Concen: 0.117 ug/L
RT: 4.98 min Scan# 1210
Delta R.T. -0.00 min
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Tot Ion: 56 Resp: 1228
Ion Ratio Lower Upper
56 100
69 17.1 23.7 35.5#
84 93.2 65.8 98.8



#47
Tetrachloroethene
Concen: 51.267 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU033091.D
Acq: 28 Jun 2019 23:33

Tgt Ion:164 Resp: 297065
Ion Ratio Lower Upper
164 100
129 94.2 64.9 120.5
131 89.9 63.5 117.9
166 127.7 89.1 165.5

