

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062919\
 Data File : VU033096.D
 Acq On : 29 Jun 2019 01:33
 Operator : JC/SP
 Sample : K3597-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM77

Manual Integrations
 APPROVED

MMDadoda
 7/1/2019 1:04:50 PM

Quant Time: Jun 29 03:37:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 29 03:29:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	84711	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	89521	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42510	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37001	6.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	131.20%#
7) Chloroethane-d5	1.68	69	29089	6.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	126.20%
11) 1,1-Dichloroethene-d2	2.27	63	56261	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.00%
20) 2-Butanone-d5	4.19	46	91926	53.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.40%
24) Chloroform-d	4.64	84	64213	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
26) 1,2-Dichloroethane-d4	5.31	65	36119	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.33	84	120286	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
36) 1,2-Dichloropropane-d6	6.32	67	39153	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.56	98	105260	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	7.85	79	14875	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.31	63	63532	50.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	30735	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	45407	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds					Ovalue
13) Acetone	2.32	43	46393	32.161 ug/L	99
21) 2-Butanone	4.28	43	4824m	2.376 ug/L	
34) Trichloroethene	6.18	95	2508	0.347 ug/L	78
47) Tetrachloroethene	8.22	164	1097012	188.678 ug/L	97

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

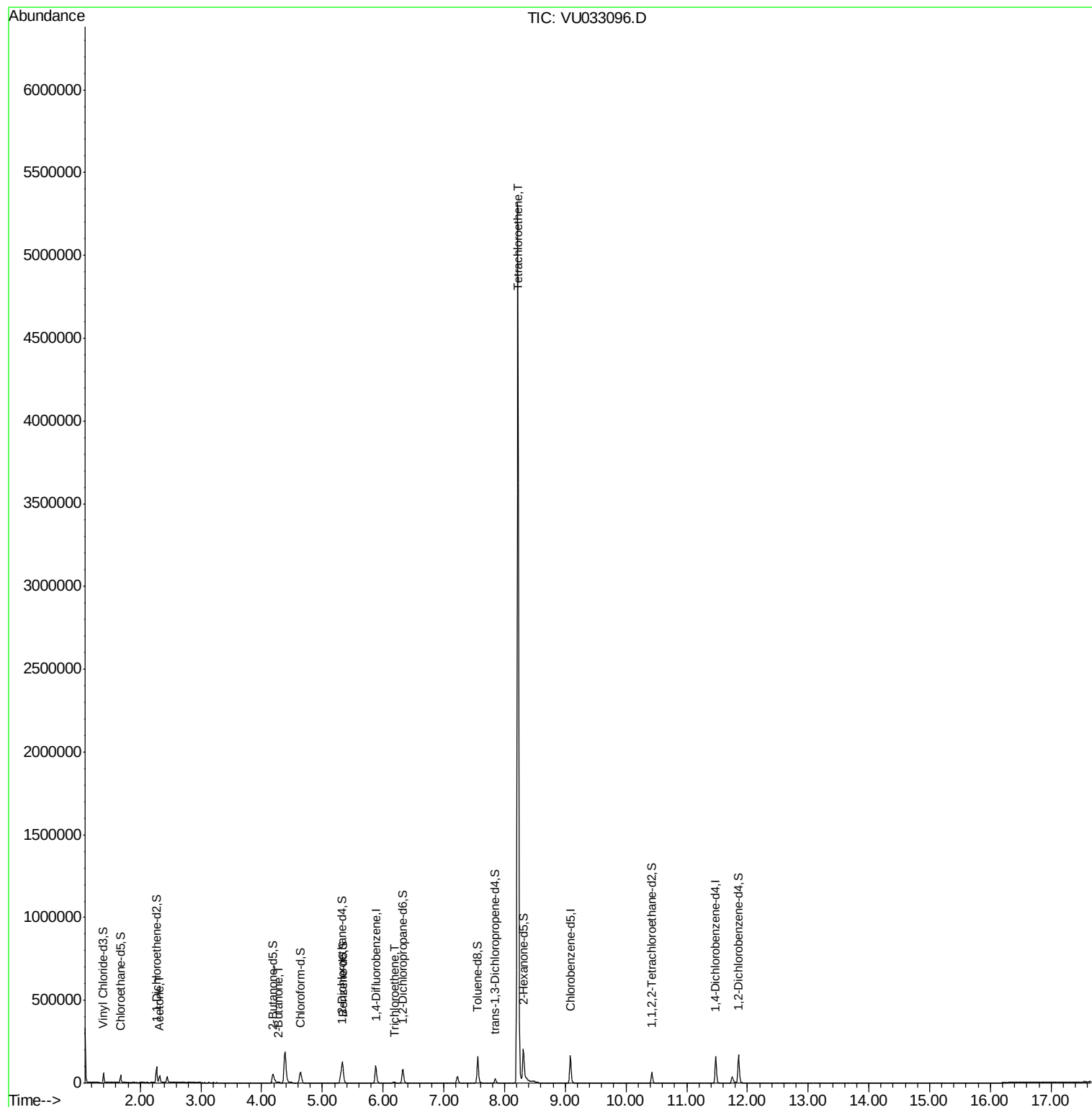
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062919\
Data File : VU033096.D
Acq On : 29 Jun 2019 01:33
Operator : JC/SP
Sample : K3597-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 33 Sample Multiplier: 1

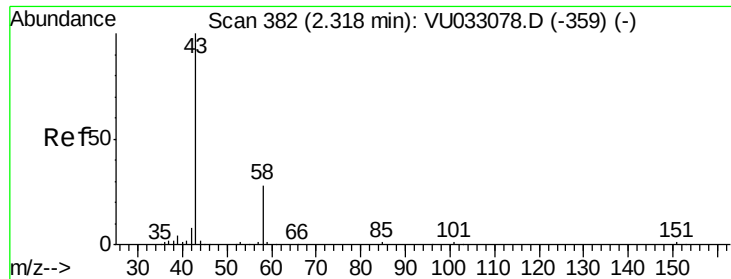
Instrument :
MSVOA_U
ClientSampleId :
GAM77

Manual Integrations
APPROVED

MMDadoda
7/1/2019 1:04:50 PM

Quant Time: Jun 29 03:37:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 29 03:29:42 2019
Response via : Initial Calibration





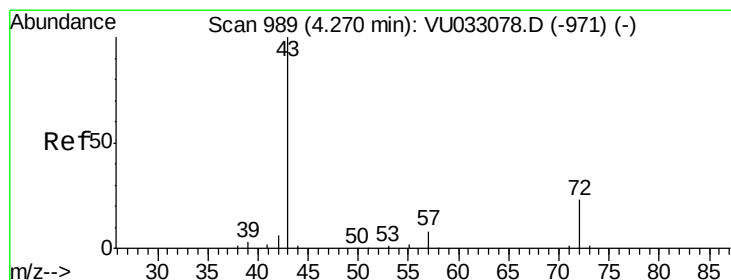
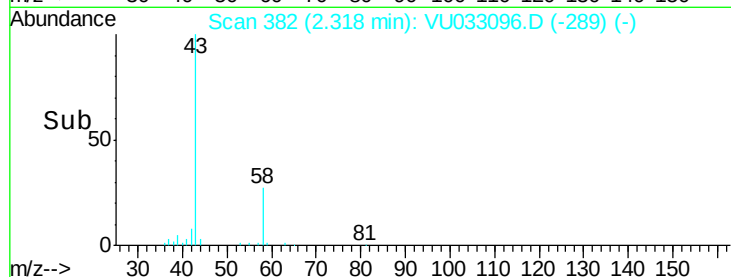
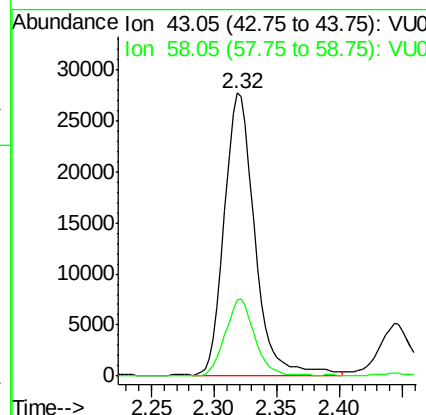
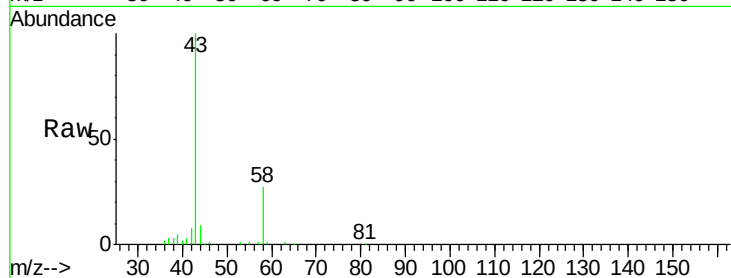
#13
Acetone
Concen: 32.161 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VU033096.D
Acq: 29 Jun 2019 01:33

Instrument :
MSVOA_U
ClientSampleId :
GAM77

Tot Ion	43	Resp	46393
Ion Ratio	100	Lower	Upper
43	100		
58	26.5	0.0	51.8

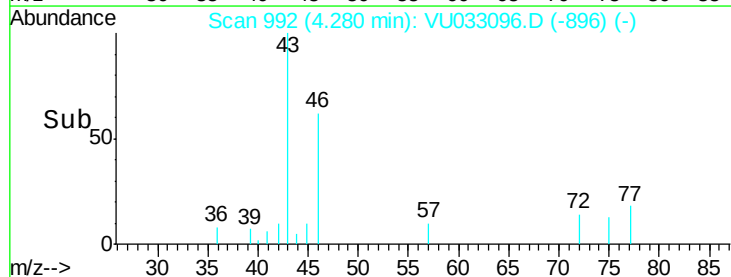
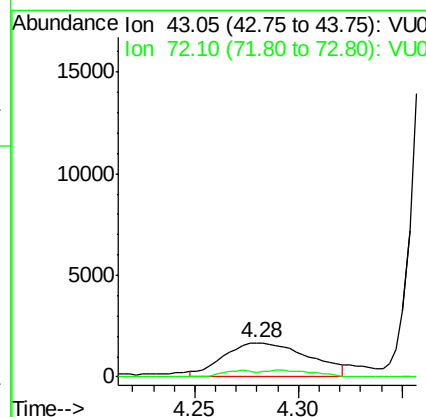
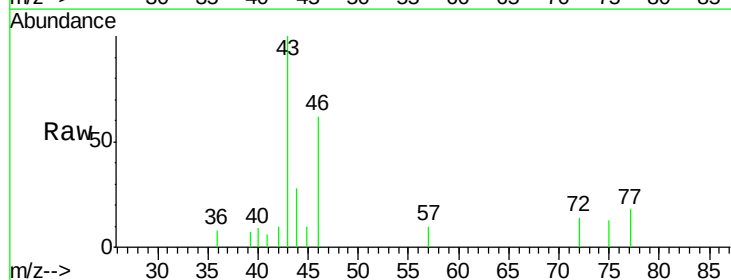
Manual Integrations
APPROVED

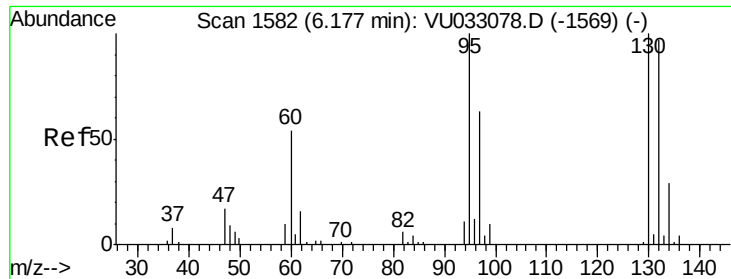
MMDadoda
7/1/2019 1:04:50 PM



#21
2-Butanone
Concen: 2.376 ug/L m
RT: 4.28 min Scan# 992
Delta R.T. 0.01 min
Lab File: VU033096.D
Acq: 29 Jun 2019 01:33

Tgt Ion	43	Resp	4824
Ion Ratio	100	Lower	Upper
43	100		
72	11.3	11.5	34.5#





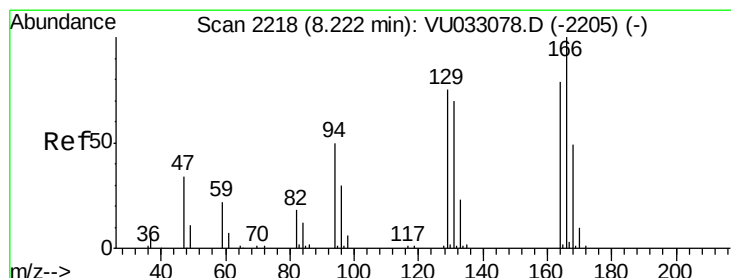
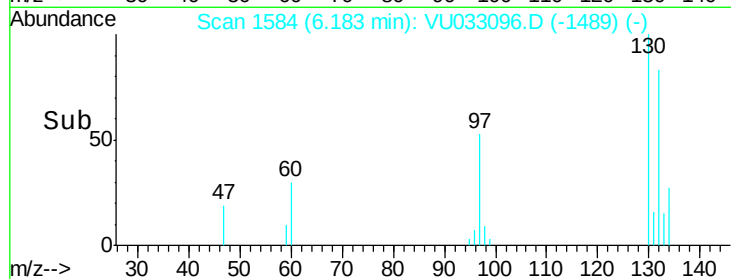
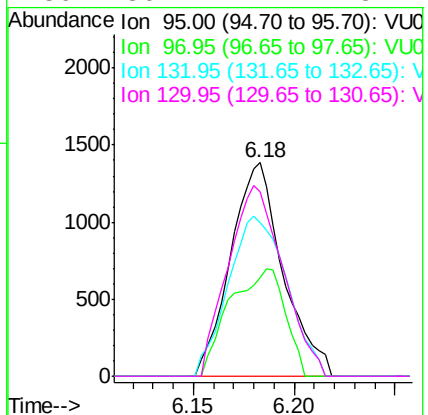
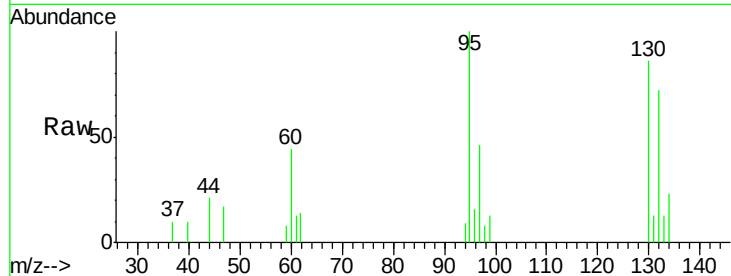
#34
 Trichloroethene
 Concen: 0.347 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: VU033096.D
 Acq: 29 Jun 2019 01:33

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM77

Tot Ion	Ratio	Lower	Upper
95	100		
97	46.2	46.0	85.4
132	71.9	68.6	127.4
130	86.4	71.1	132.1

Manual Integrations
 APPROVED

MMDadoda
 7/1/2019 1:04:50 PM



#47
 Tetrachloroethene
 Concen: 188.678 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU033096.D
 Acq: 29 Jun 2019 01:33

Tgt Ion	Ratio	Lower	Upper
164	100		
129	97.7	64.9	120.5
131	93.1	63.5	117.9
166	128.6	89.1	165.5

