

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062019\
 Data File : VU032909.D
 Acq On : 20 Jun 2019 18:50
 Operator : JC/SP
 Sample : K3413-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALF3

Quant Time: Jun 21 07:58:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 21 07:36:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	83216	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	84489	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43281	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	22319	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.68	69	21043	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.27	63	38008	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.19	46	98927	65.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.04%#
24) Chloroform-d	4.64	84	53916	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
26) 1,2-Dichloroethane-d4	5.30	65	32266	6.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	127.40%
32) Benzene-d6	5.33	84	100396	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.32	67	33849	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.56	98	89064	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.85	79	13134	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.31	63	73395	52.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31791	5.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	40347	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

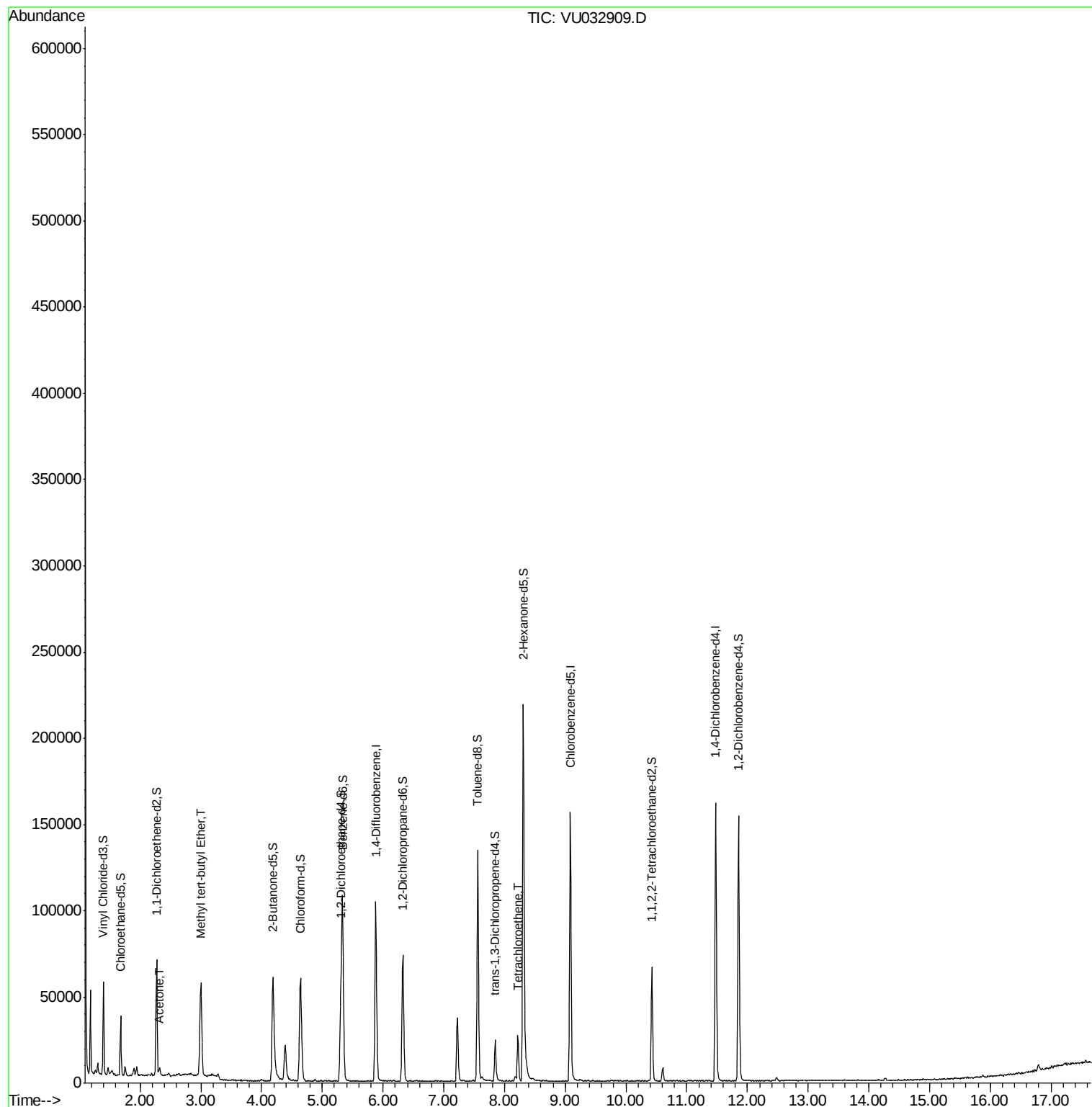
Target Compounds					Ovalue
13) Acetone	2.32	43	4511	3.849 ug/L	97
17) Methyl tert-butyl Ether	3.00	73	51815	3.351 ug/L	96
47) Tetrachloroethene	8.22	164	5812	1.031 ug/L	95

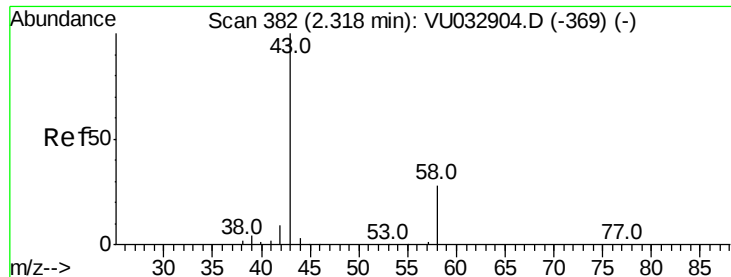
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.849 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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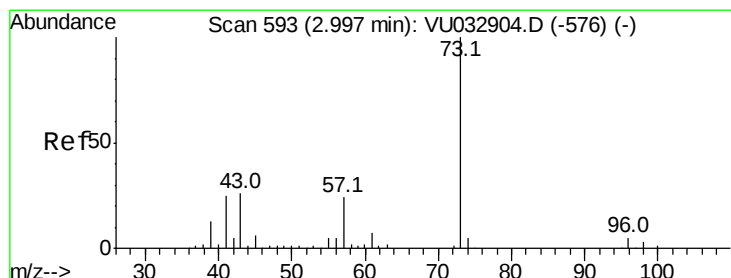
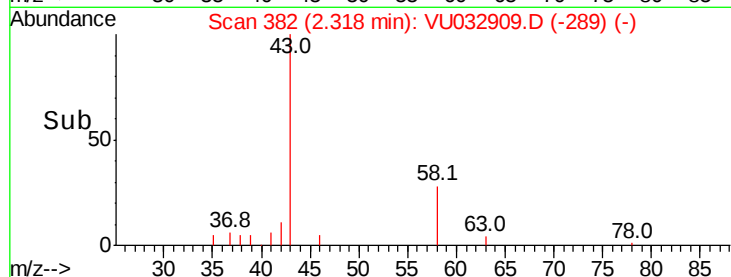
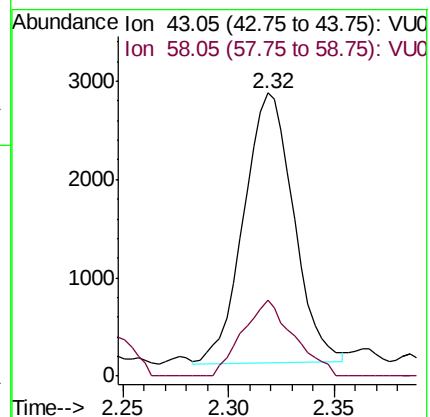
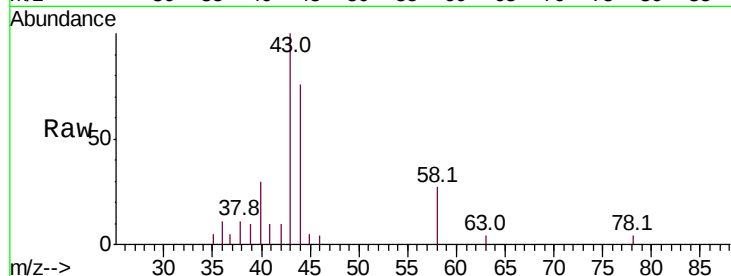
Instrument :
MSVOA_U
ClientSampleId :
GALF3

Tot Ion: 43 Resp: 4511

Ion Ratio Lower Upper

43 100

58 28.9 0.0 60.8



#17

Methyl tert-butyl Ether

Concen: 3.351 ug/L

RT: 3.00 min Scan# 593

Delta R.T. 0.00 min

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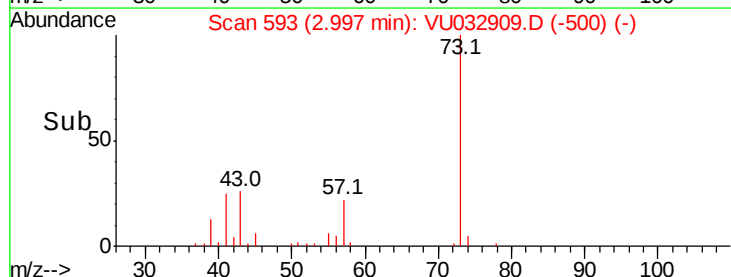
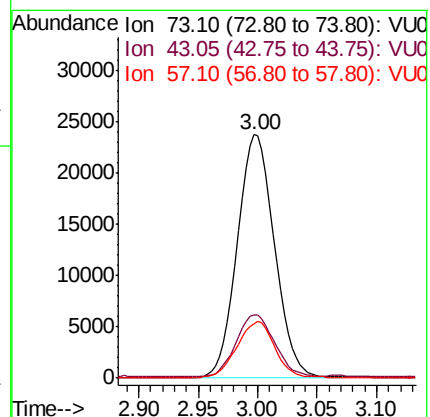
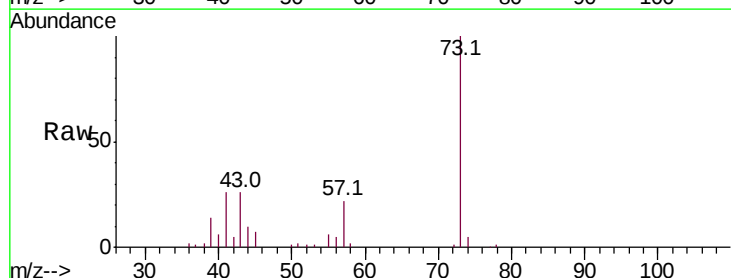
Tgt Ion: 73 Resp: 51815

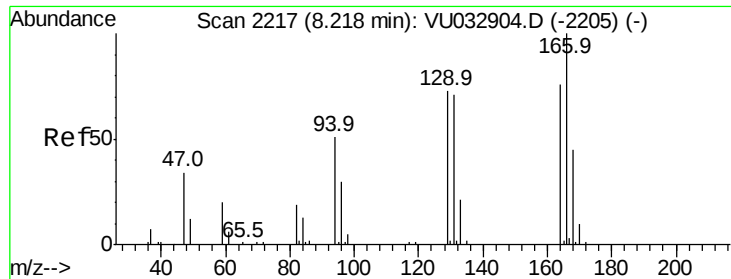
Ion Ratio Lower Upper

73 100

43 26.0 18.6 27.8

57 23.8 18.3 27.5





#47

Tetrachloroethene

Concen: 1.031 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

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Acq: 20 Jun 2019 18:50

Instrument :
MSVOA_U
ClientSampleId :
GALF3

Tot Ion:164 Resp: 5812

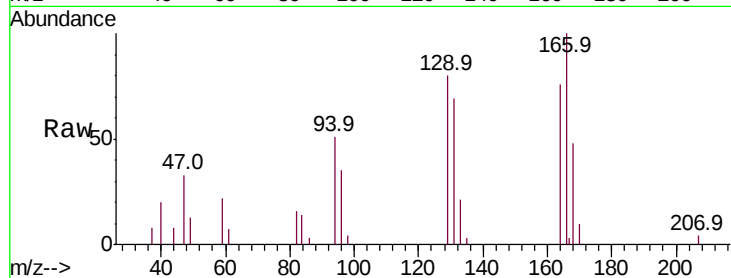
Ion Ratio Lower Upper

164 100

129 105.1 66.1 122.7

131 90.8 65.6 121.8

166 130.9 93.2 173.2



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

