

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062019\
 Data File : VU032908.D
 Acq On : 20 Jun 2019 18:26
 Operator : JC/SP
 Sample : K3413-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALF2

Quant Time: Jun 21 07:53:31 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	89376	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	90096	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46165	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	22764	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.68	69	20693	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.27	63	38569	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.19	46	99251	61.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.40%
24) Chloroform-d	4.64	84	55276	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.31	65	33093	6.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.80%
32) Benzene-d6	5.33	84	101936	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.32	67	34996	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.56	98	90704	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.85	79	13715	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.31	63	72644	49.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31855	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	40699	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

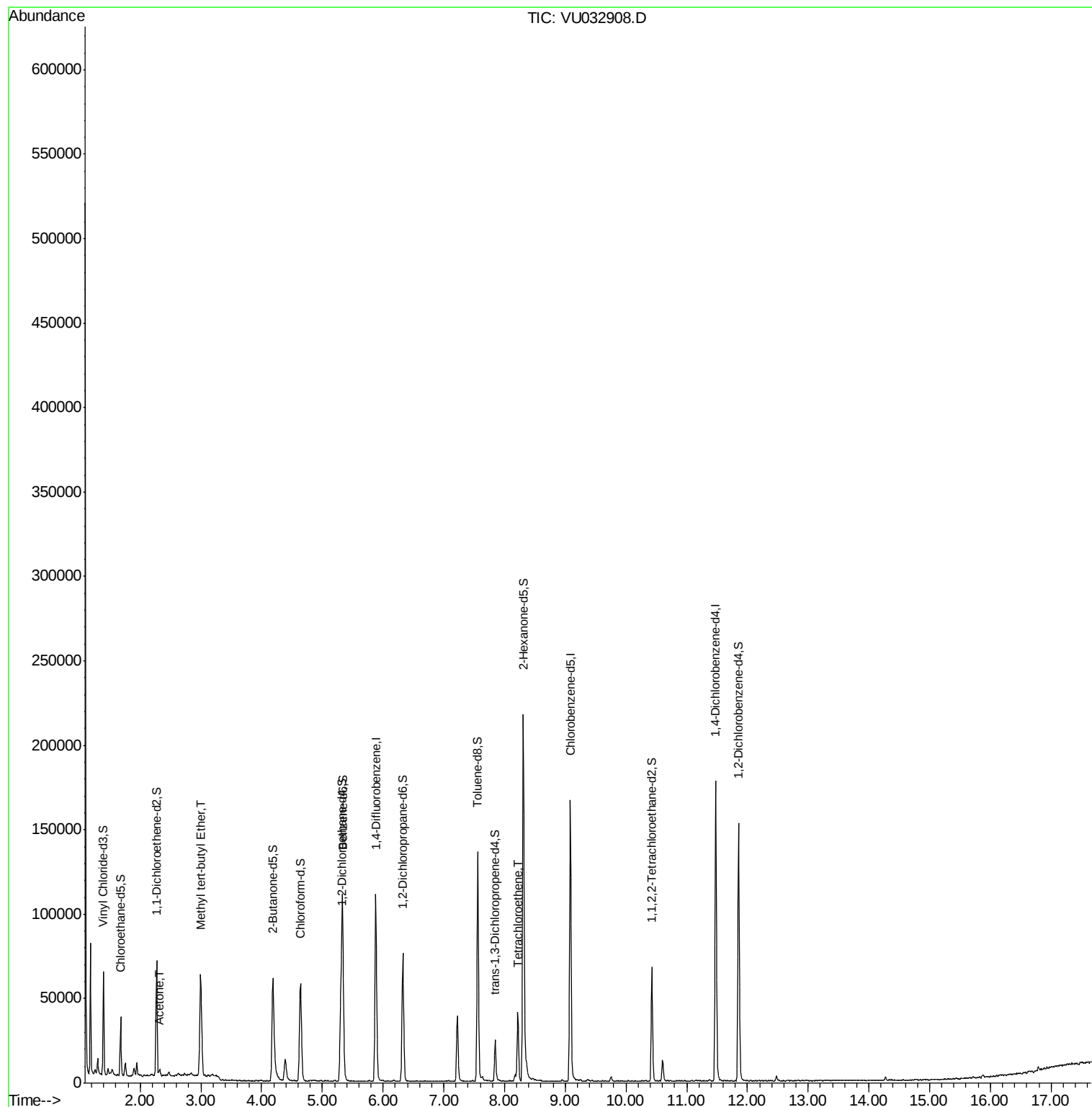
Target Compounds					Ovalue
13) Acetone	2.32	43	3180	2.526 ug/L	97
17) Methyl tert-butyl Ether	3.00	73	57420	3.457 ug/L	96
47) Tetrachloroethene	8.22	164	9112	1.515 ug/L	91

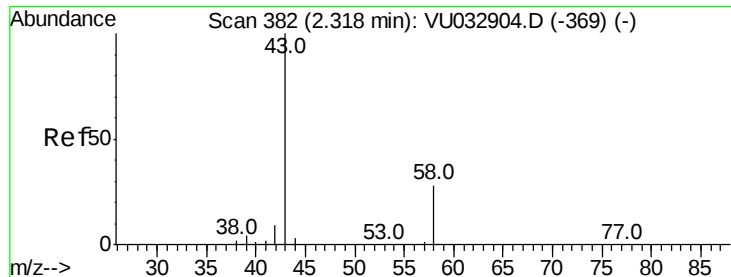
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.526 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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ClientSampleId :

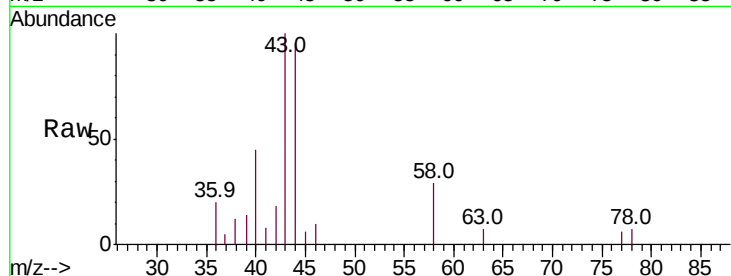
GALF2

Tot Ion: 43 Resp: 3180

Ion Ratio Lower Upper

43 100

58 29.0 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032908.D (-369) (-)

Ion 58.05 (57.75 to 58.75): VU032908.D (-369) (-)

2500

2000

1500

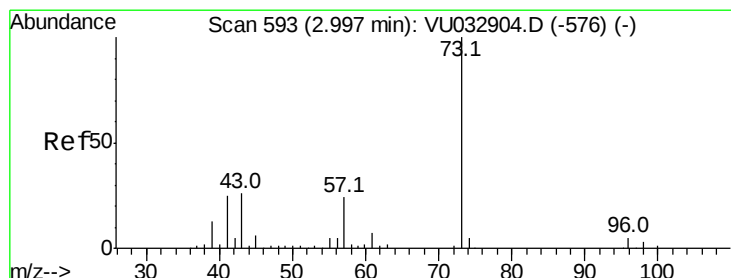
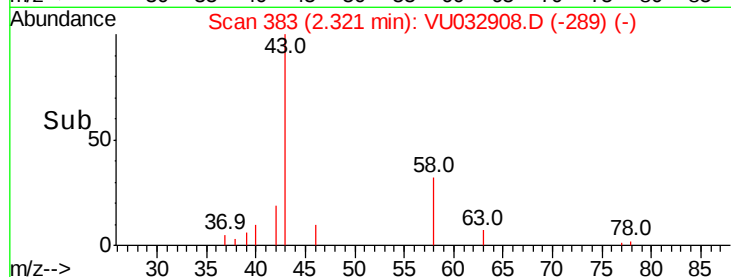
1000

500

0

2.30 2.32 2.35

Time-->



#17

Methyl tert-butyl Ether

Concen: 3.457 ug/L

RT: 3.00 min Scan# 593

Delta R.T. -0.00 min

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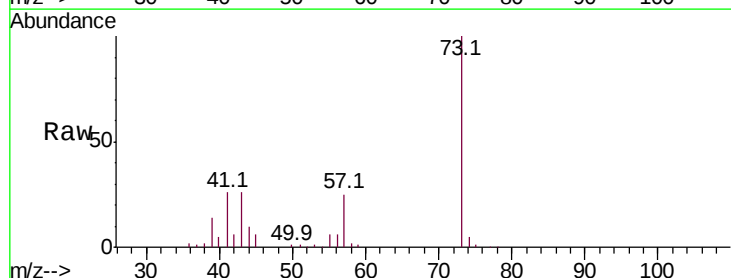
Tgt Ion: 73 Resp: 57420

Ion Ratio Lower Upper

73 100

43 25.4 18.6 27.8

57 24.3 18.3 27.5



Abundance Ion 73.10 (72.80 to 73.80): VU032908.D (-576) (-)

Ion 43.05 (42.75 to 43.75): VU032908.D (-576) (-)

Ion 57.10 (56.80 to 57.80): VU032908.D (-576) (-)

30000

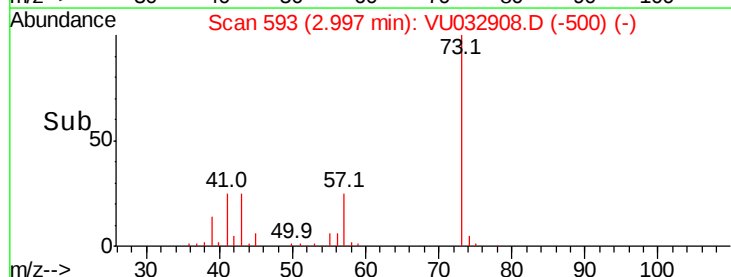
20000

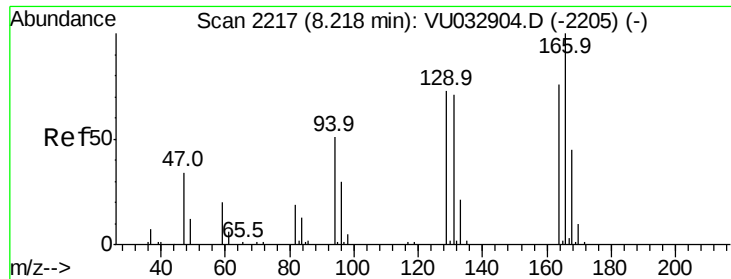
10000

0

2.90 2.95 3.00 3.05 3.10

Time-->





#47

Tetrachloroethene

Concen: 1.515 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032908.D

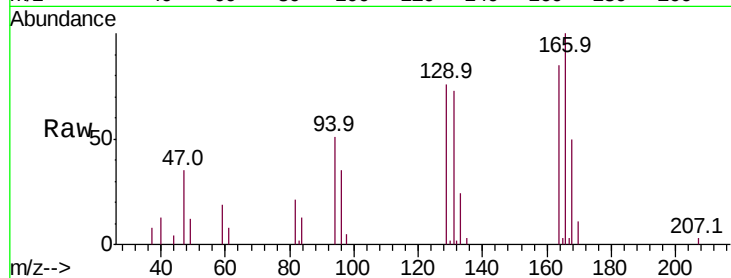
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Tot Ion:164 Resp: 9112

Ion Ratio Lower Upper

164 100

129 89.6 66.1 122.7

131 86.6 65.6 121.8

166 117.9 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

