

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073018\
 Data File : VV006759.D
 Acq On : 30 Jul 2018 13:30
 Operator : SY/MD
 Sample : J4190-07
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE747

Quant Time: Jul 30 17:10:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jul 30 16:58:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	252655	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	232810	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95689	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61222	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.58	69	50967	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.13	63	84470	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	3.95	46	178120	43.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.70%
24) Chloroform-d	4.41	84	113177	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.09	65	58806	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.10	84	233915	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.12	67	77434	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.36	98	193637	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.67	79	24094	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.14	63	138134	41.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.72%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	57209	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	71506	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

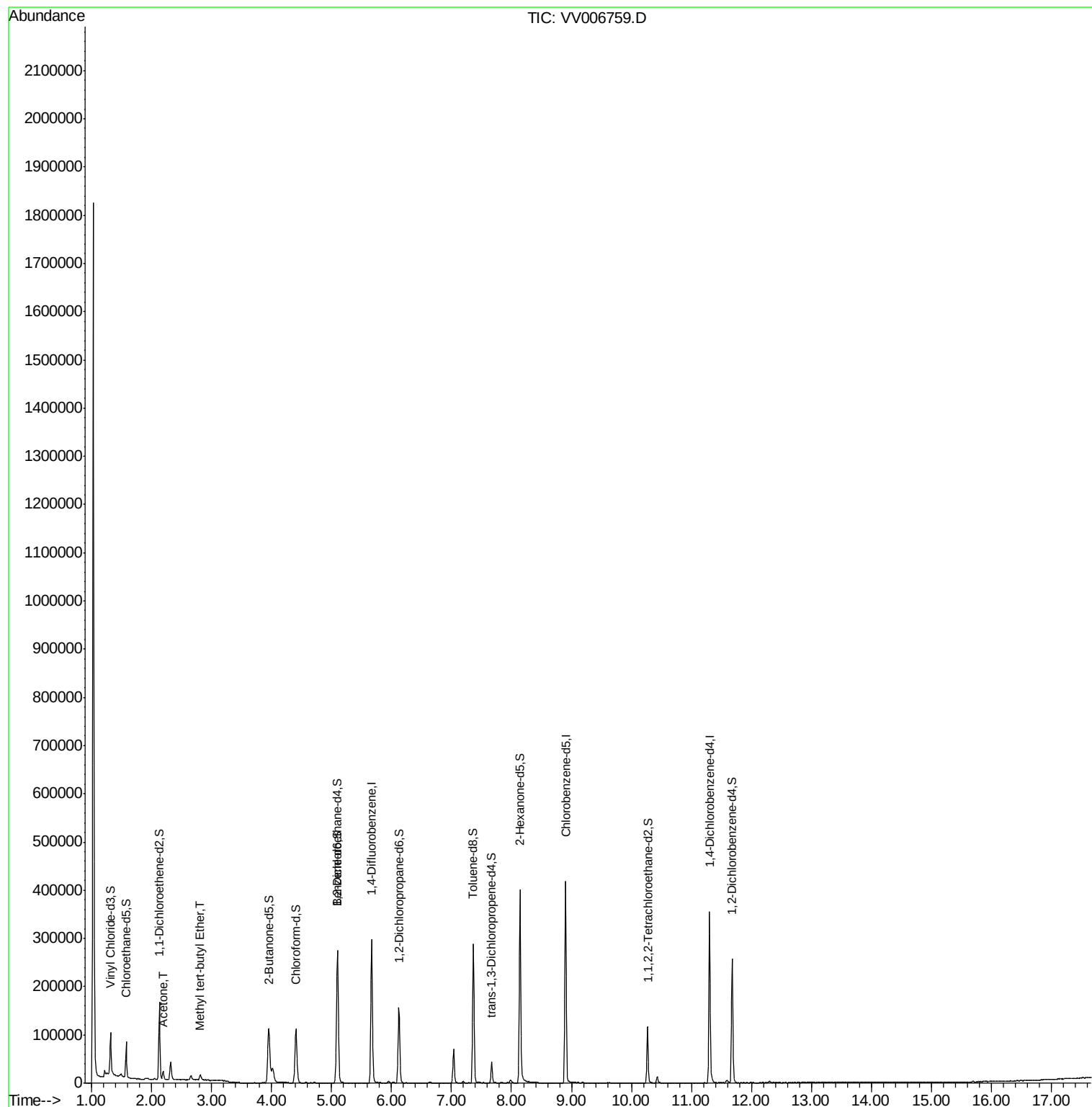
Target Compounds					Ovalue
13) Acetone	2.19	43	15481	5.92 ug/L	96
17) Methyl tert-butyl Ether	2.81	73	10923	0.27 ug/L	97

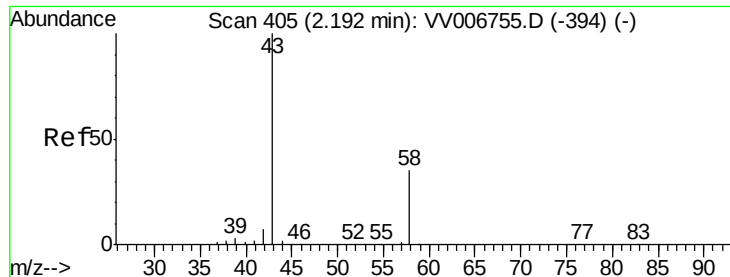
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.92 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampled :

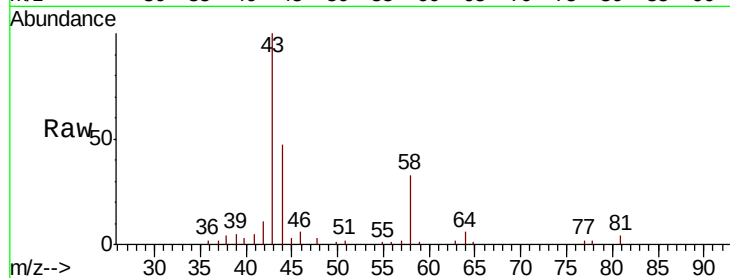
BE747

Tot Ion: 43 Resp: 15481

Ion Ratio Lower Upper

43 100

58 33.5 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.19

10000

8000

6000

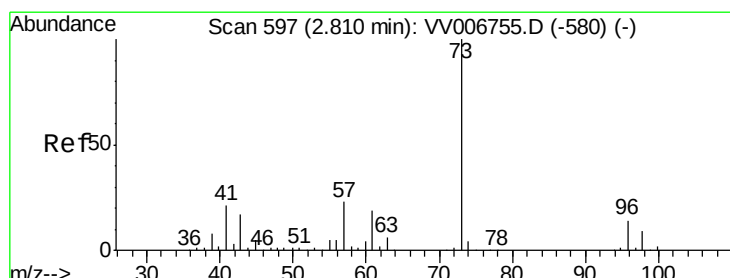
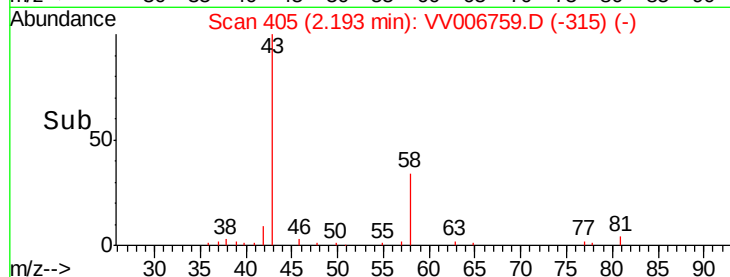
4000

2000

0

Time-->

2.10 2.15 2.20 2.25



#17

Methyl tert-butyl Ether

Concen: 0.27 ug/L

RT: 2.81 min Scan# 598

Delta R.T. 0.00 min

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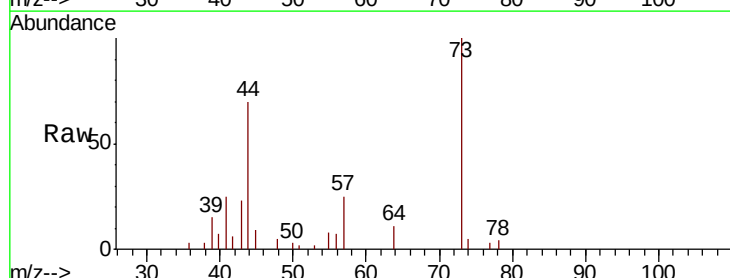
Tgt Ion: 73 Resp: 10923

Ion Ratio Lower Upper

73 100

43 19.0 14.2 21.4

57 23.9 18.2 27.2



Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0

2.81

6000

4000

2000

0

Time-->

2.75 2.80 2.85

