

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081519\
 Data File : VV012249.D
 Acq On : 15 Aug 2019 15:19
 Operator : SY/MD
 Sample : K4373-07
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG6

Quant Time: Aug 16 04:32:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 16 04:21:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	177128	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	172422	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	75529	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40080	3.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	1.58	69	28888	3.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.20%
11) 1,1-Dichloroethene-d2	2.13	63	56173	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	3.94	46	34982	14.84	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	29.68%#
24) Chloroform-d	4.40	84	84220	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.00%
26) 1,2-Dichloroethane-d4	5.08	65	44849	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.10	84	183160	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.11	67	52950	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.40%
41) Toluene-d8	7.36	98	162304	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	7.66	79	19923	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.13	63	38995	24.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	49.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	31064	3.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	60157	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

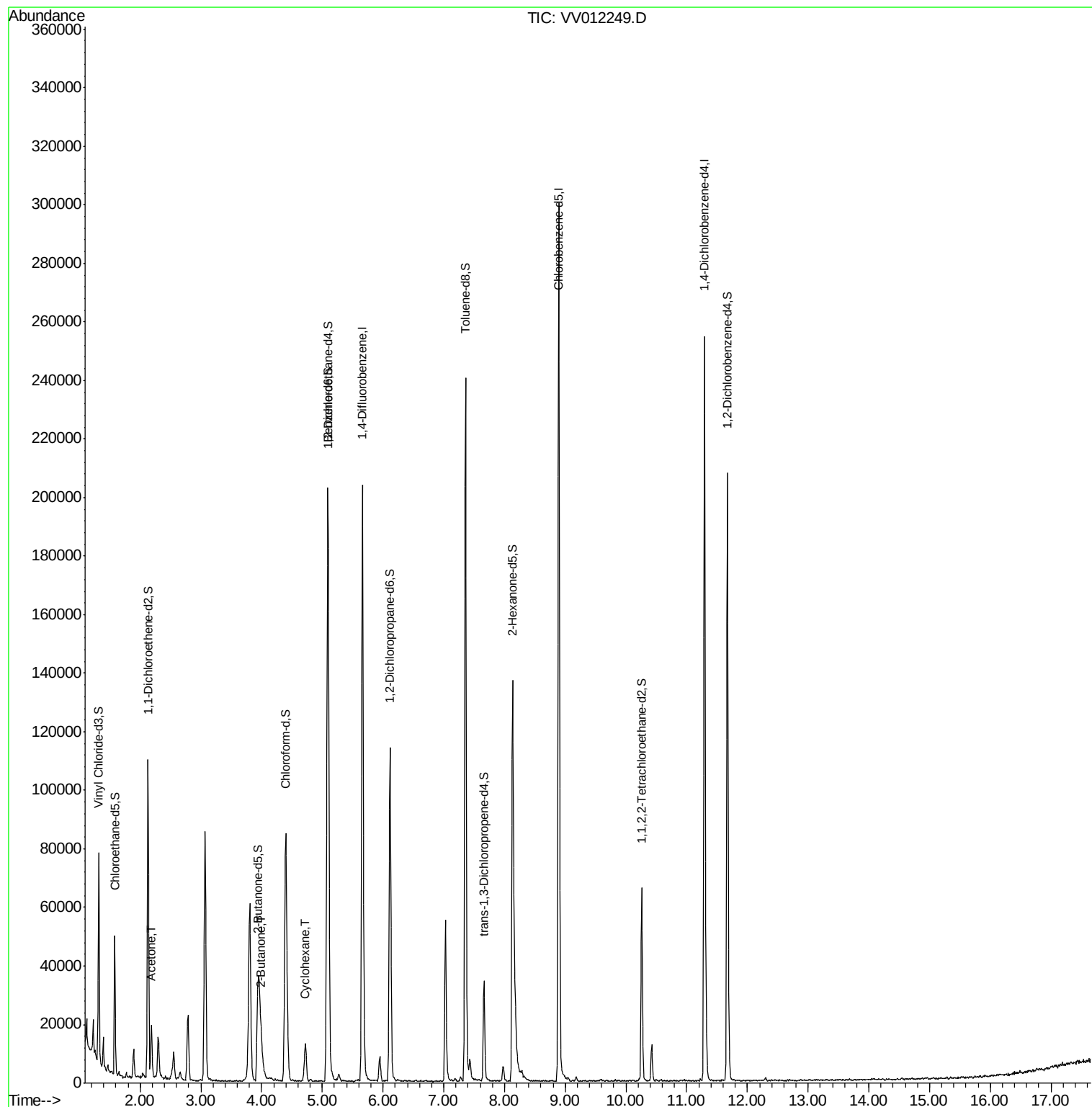
Target Compounds					Ovalue
13) Acetone	2.18	43	15508	10.558 ug/L	98
21) 2-Butanone	4.00	43	12746	4.244 ug/L #	61
30) Cyclohexane	4.72	56	6512	0.310 ug/L	98

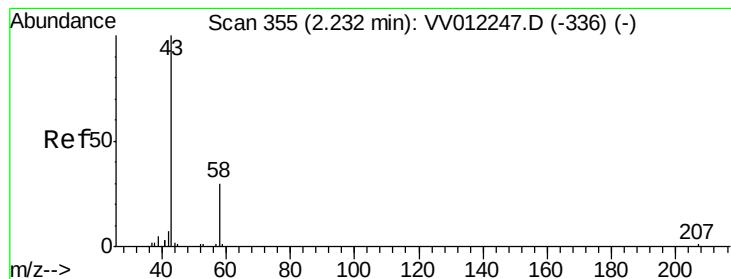
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.558 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.05 min

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Instrument :

MSVOA_V

ClientSampleId :

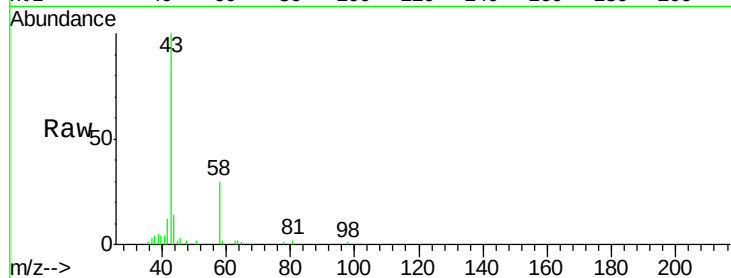
C0AG6

Tot Ion: 43 Resp: 15508

Ion Ratio Lower Upper

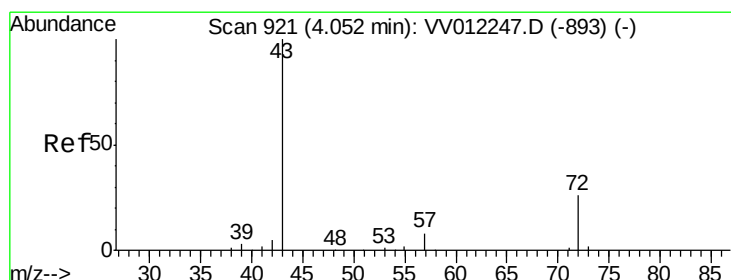
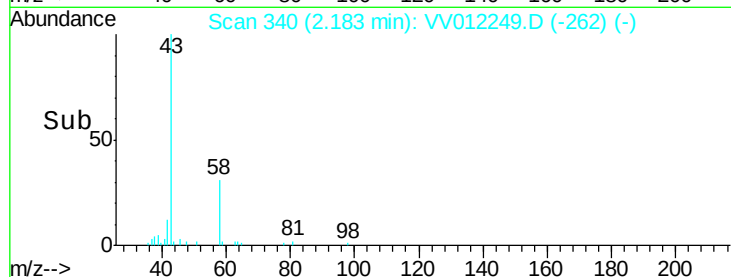
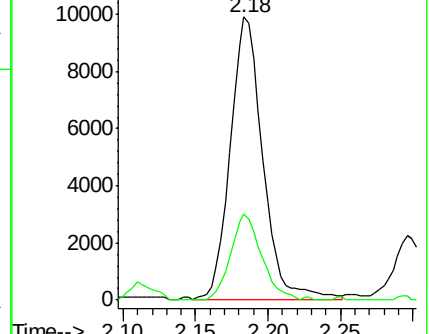
43 100

58 28.6 0.0 59.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#21

2-Butanone

Concen: 4.244 ug/L

RT: 4.00 min Scan# 906

Delta R.T. -0.05 min

Lab File: VV012249.D

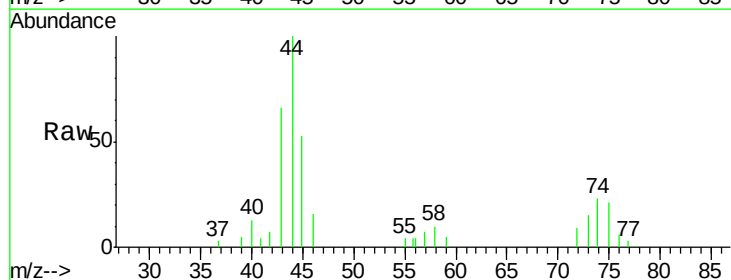
Acq: 15 Aug 2019 15:19

Tgt Ion: 43 Resp: 12746

Ion Ratio Lower Upper

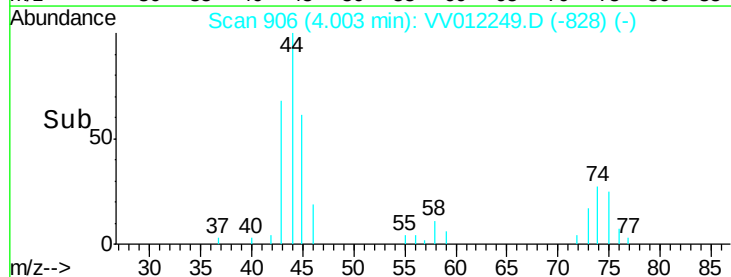
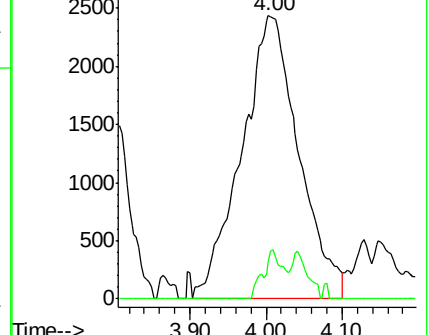
43 100

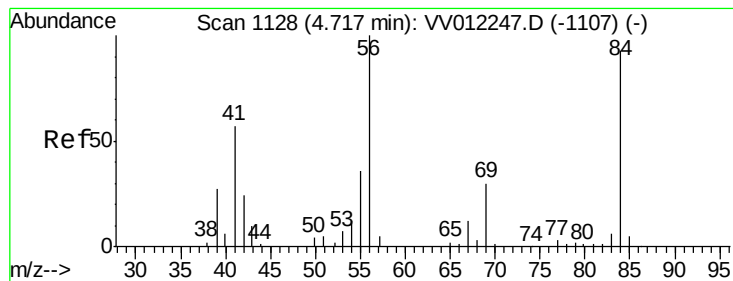
72 5.9 12.9 38.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0





#30

Cyclohexane

Concen: 0.310 ug/L

RT: 4.72 min Scan# 1129

Delta R.T. 0.00 min

Lab File: VV012249.D

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Tot Ion: 56 Resp: 6512

Ion Ratio Lower Upper

56 100

69 32.3 24.6 36.8

84 90.7 71.0 106.6

