

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052720\
 Data File : VU038317.D
 Acq On : 27 May 2020 13:50
 Operator : JC/MD
 Sample : L2749-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4X5

Quant Time: May 28 05:02:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 04:16:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	315011	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	307128	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	148410	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86578	3.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.20%
7) Chloroethane-d5	1.93	69	82087	3.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.80%
11) 1,1-Dichloroethene-d2	2.59	63	133562	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.66	46	333256	46.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.76%
24) Chloroform-d	5.10	84	191402	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.74	65	113652	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.76	84	401690	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.72	67	130873	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.92	98	357472	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	8.20	79	50753	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.65	63	275608	49.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.10%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108229	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	141861	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

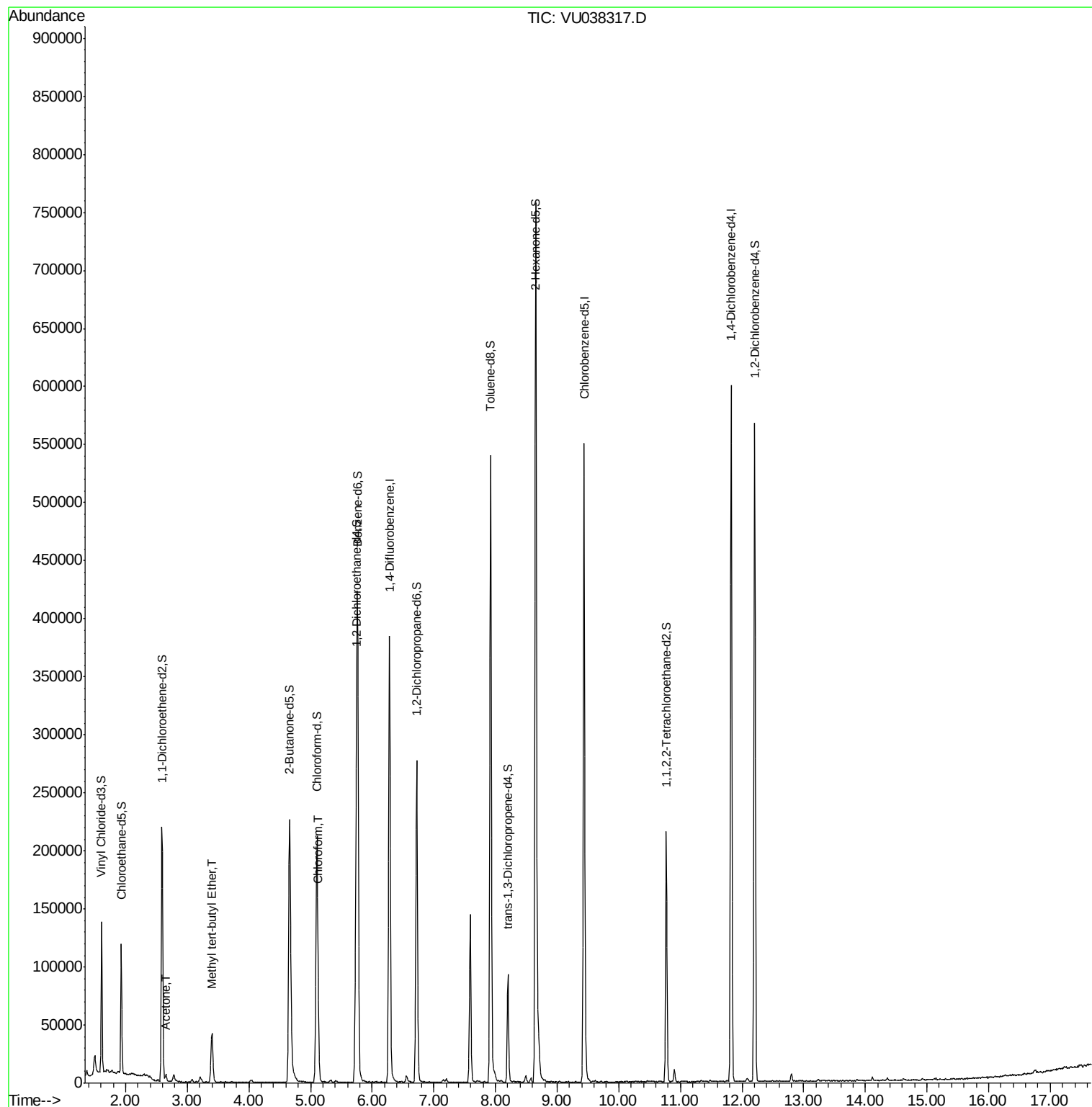
Target Compounds					Ovalue
13) Acetone	2.65	43	6663	1.494 ug/L	99
17) Methyl tert-butyl Ether	3.40	73	46464	0.765 ug/L	99
25) Chloroform	5.13	83	21811	0.502 ug/L	100

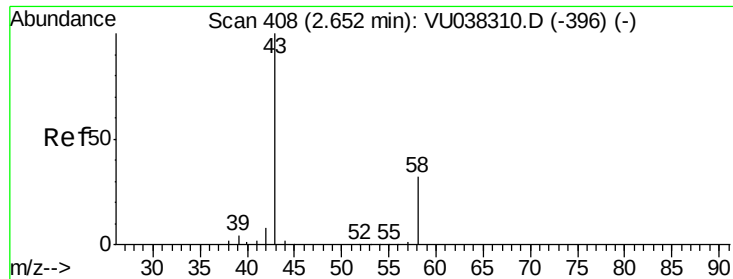
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.494 ug/L

RT: 2.65 min Scan# 407

Delta R.T. -0.00 min

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Acq: 27 May 2020 13:50

Instrument :

MSVOA_U

ClientSampleId :

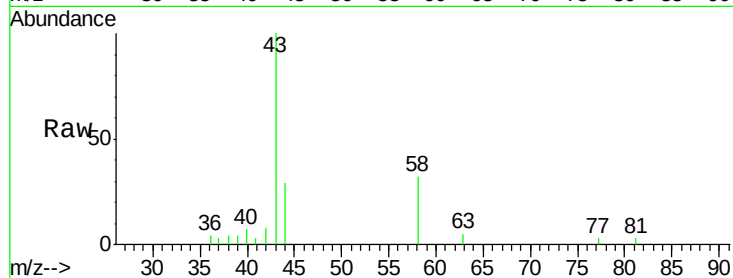
BE4X5

Tot Ion: 43 Resp: 6663

Ion Ratio Lower Upper

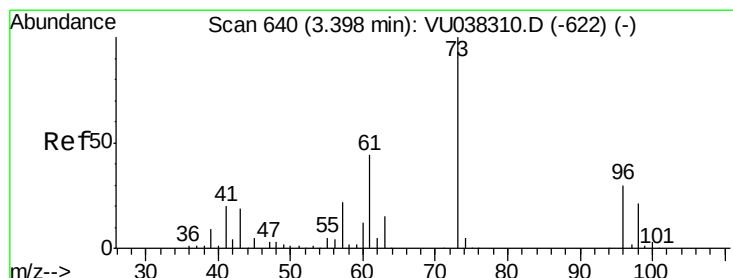
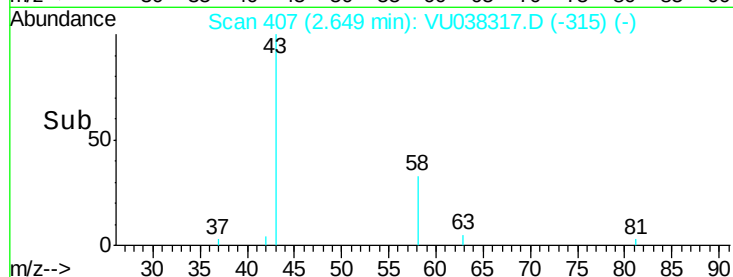
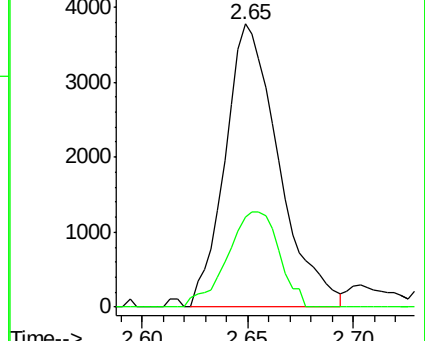
43 100

58 32.5 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038317.D (-315) (-)

Ion 58.05 (57.75 to 58.75): VU038317.D (-315) (-)



#17

Methyl tert-butyl Ether

Concen: 0.765 ug/L

RT: 3.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: VU038317.D

Acq: 27 May 2020 13:50

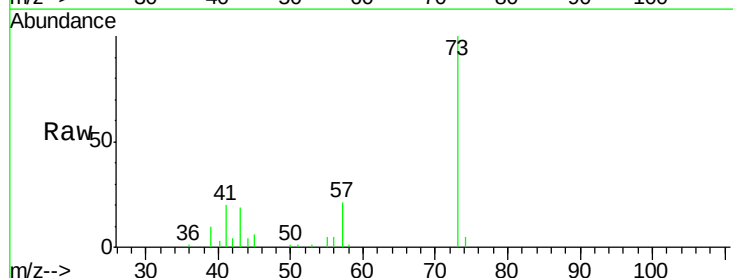
Tgt Ion: 73 Resp: 46464

Ion Ratio Lower Upper

73 100

43 20.3 16.9 25.3

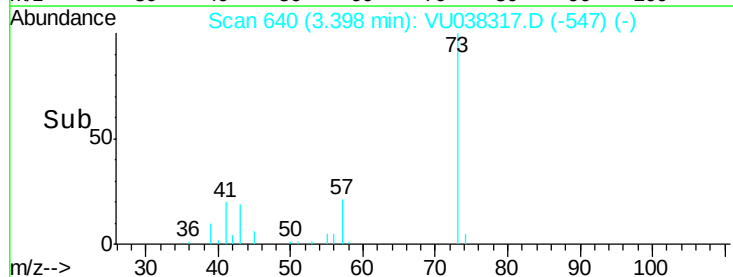
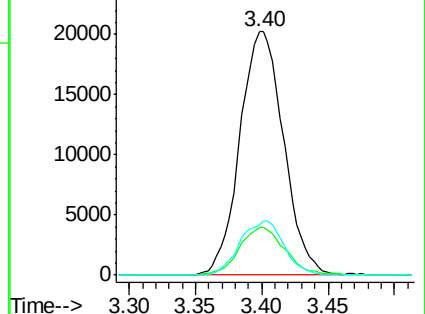
57 22.4 18.2 27.2

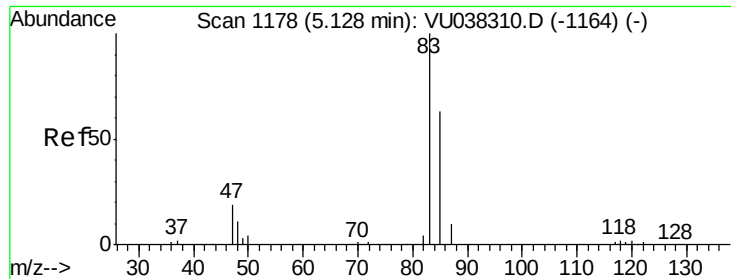


Abundance Ion 73.10 (72.80 to 73.80): VU038317.D (-547) (-)

Ion 43.05 (42.75 to 43.75): VU038317.D (-547) (-)

Ion 57.10 (56.80 to 57.80): VU038317.D (-547) (-)





#25
 Chloroform
 Concen: 0.502 ug/L
 RT: 5.13 min Scan# 1178
 Delta R.T. -0.00 min
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Tot Ion: 83 Resp: 21811
 Ion Ratio Lower Upper
 83 100
 85 65.9 46.2 85.8

