

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091420\
 Data File : VU040117.D
 Acq On : 14 Sep 2020 13:40
 Operator : SY/MD
 Sample : L3961-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y42

Manual Integrations
 APPROVED

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 9/15/2020 8:30:17 AM

Quant Time: Sep 15 02:52:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 15 01:48:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124263	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	126741	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	58089	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30471	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.92	69	25803	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.58	63	49254	2.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.60%#
20) 2-Butanone-d5	4.66	46	107974	39.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.58%
24) Chloroform-d	5.08	84	61901	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.20%
26) 1,2-Dichloroethane-d4	5.72	65	38126	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
32) Benzene-d6	5.74	84	113041	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.40%
36) 1,2-Dichloropropane-d6	6.70	67	37371	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.60%
41) Toluene-d8	7.91	98	94922	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.00%
43) trans-1,3-Dichloropropene-	8.19	79	14159	3.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.20%
46) 2-Hexanone-d5	8.64	63	75283	35.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.94%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	33341	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	38978	4.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.00%

Target Compounds				Ovalue
13) Acetone	2.69	43	50349m	20.042 ug/L
17) Methyl tert-butyl Ether	3.38	73	9230	0.318 ug/L
21) 2-Butanone	4.74	43	3205	0.781 ug/L

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

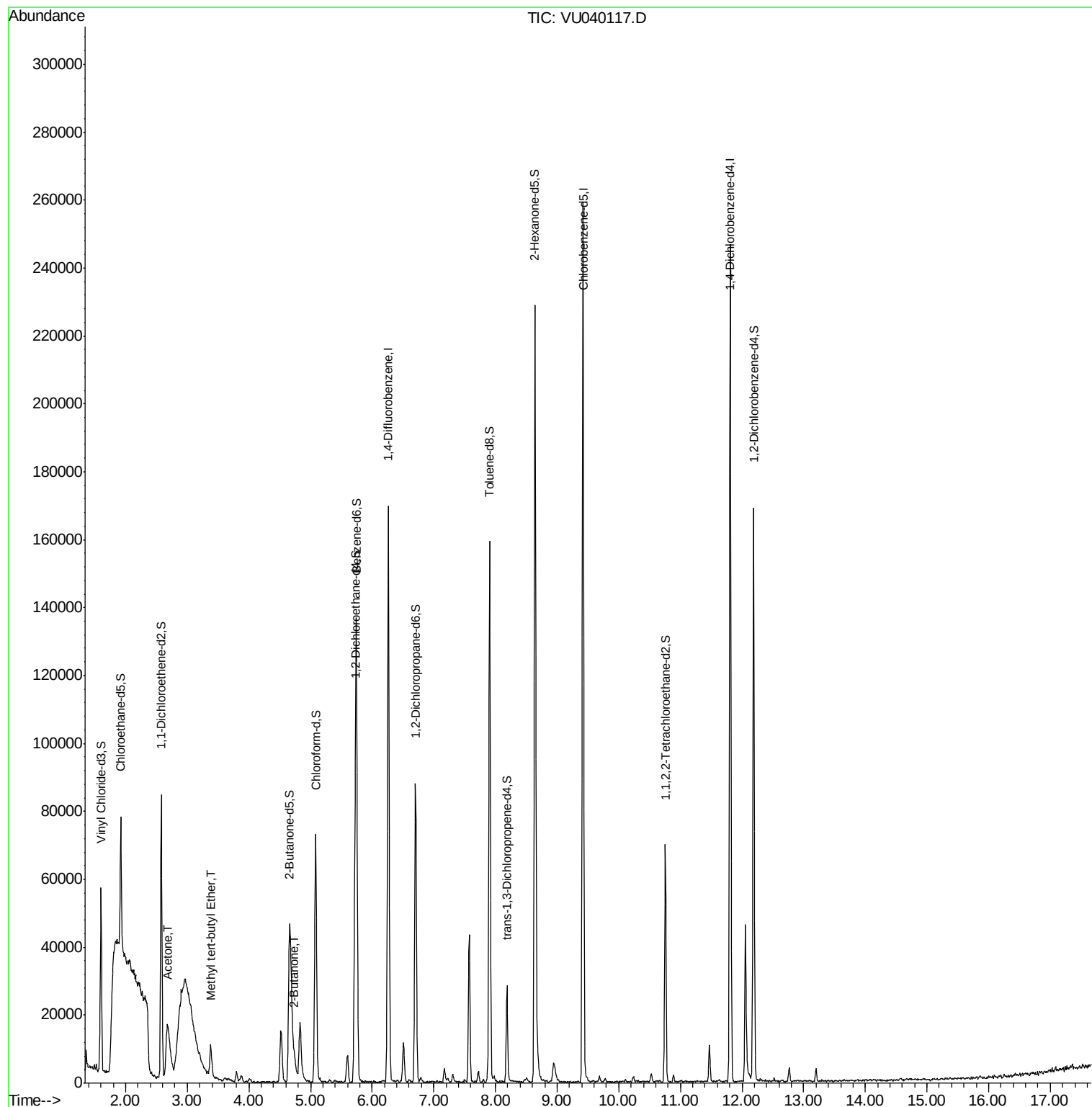
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091420\
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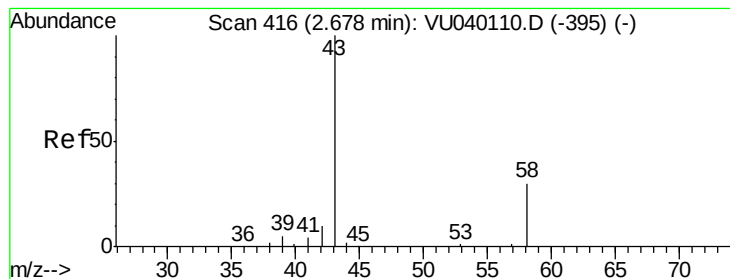
Instrument :
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#13

Acetone

Concen: 20.042 ug/L m

RT: 2.69 min Scan# 419

Delta R.T. 0.01 min

Lab File: VU040117.D

Acq: 14 Sep 2020 13:40

Instrument :

MSVOA_U

ClientSampleId :

F4Y42

Tot Ion: 43 Resp: 50349

Ion Ratio Lower Upper

43 100

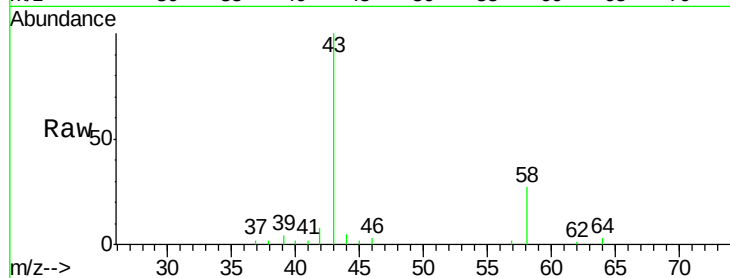
58 11.5 0.0 55.4

Manual Integrations

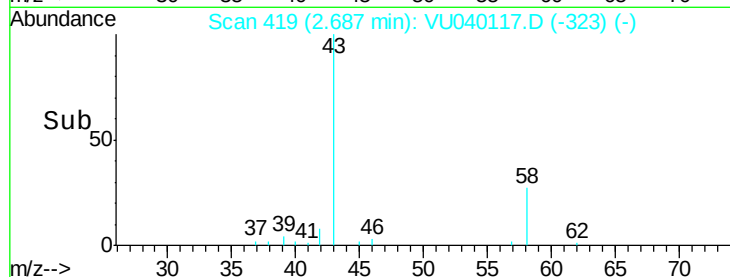
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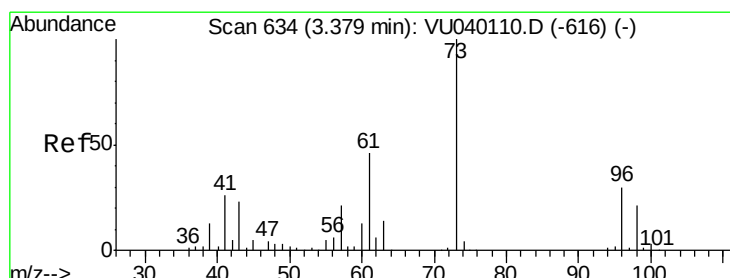
Abundance Ion 43.05 (42.75 to 43.75): VU040117.D (-323) (-)



Ion 58.05 (57.75 to 58.75): VU040117.D (-323) (-)

2.69

Time-->



#17

Methyl tert-butyl Ether

Concen: 0.318 ug/L

RT: 3.38 min Scan# 634

Delta R.T. -0.00 min

Lab File: VU040117.D

Acq: 14 Sep 2020 13:40

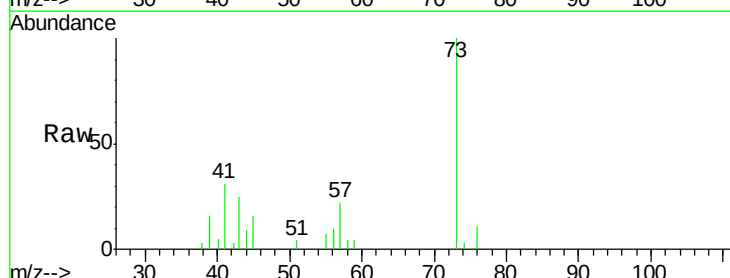
Tgt Ion: 73 Resp: 9230

Ion Ratio Lower Upper

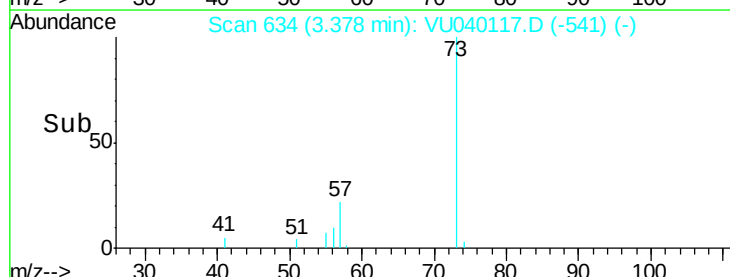
73 100

43 20.5 19.1 28.7

57 21.7 18.3 27.5



Abundance Ion 73.10 (72.80 to 73.80): VU040117.D (-541) (-)

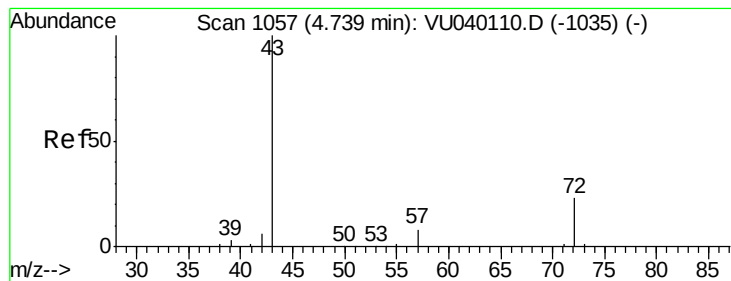


Ion 43.05 (42.75 to 43.75): VU040117.D (-541) (-)

Ion 57.10 (56.80 to 57.80): VU040117.D (-541) (-)

3.38

Time-->



#21
 2-Butanone
 Concen: 0.781 ug/L
 RT: 4.74 min Scan# 1059
 Delta R.T. 0.01 min
 Lab File: VU040117.D
 Acq: 14 Sep 2020 13:40

Instrument :
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Tot Ion	Ratio	Lower	Upper
43	100		
72	13.1	11.7	35.0

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