

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
 Data File : VU039932.D
 Acq On : 21 Aug 2020 16:50
 Operator : SY/MD
 Sample : L3776-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y07

Manual Integrations
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Quant Time: Aug 22 02:07:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 22 00:45:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	73361	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	77925	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33778	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29657	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.92	69	27650	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.58	63	36587	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	4.65	46	108401	52.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.86%
24) Chloroform-d	5.08	84	60170	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.72	65	35672	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.74	84	114974	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.70	67	37445	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.91	98	91030	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.19	79	14173	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.64	63	77958	47.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.68%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	31095	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	38086	5.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.40%

Target Compounds				Ovalue
13) Acetone	2.66	43	28177m	20.136 ug/L
17) Methyl tert-butyl Ether	3.39	73	8780	0.543 ug/L # 90
19) 1,1-Dichloroethane	3.89	63	136525	11.051 ug/L 99

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

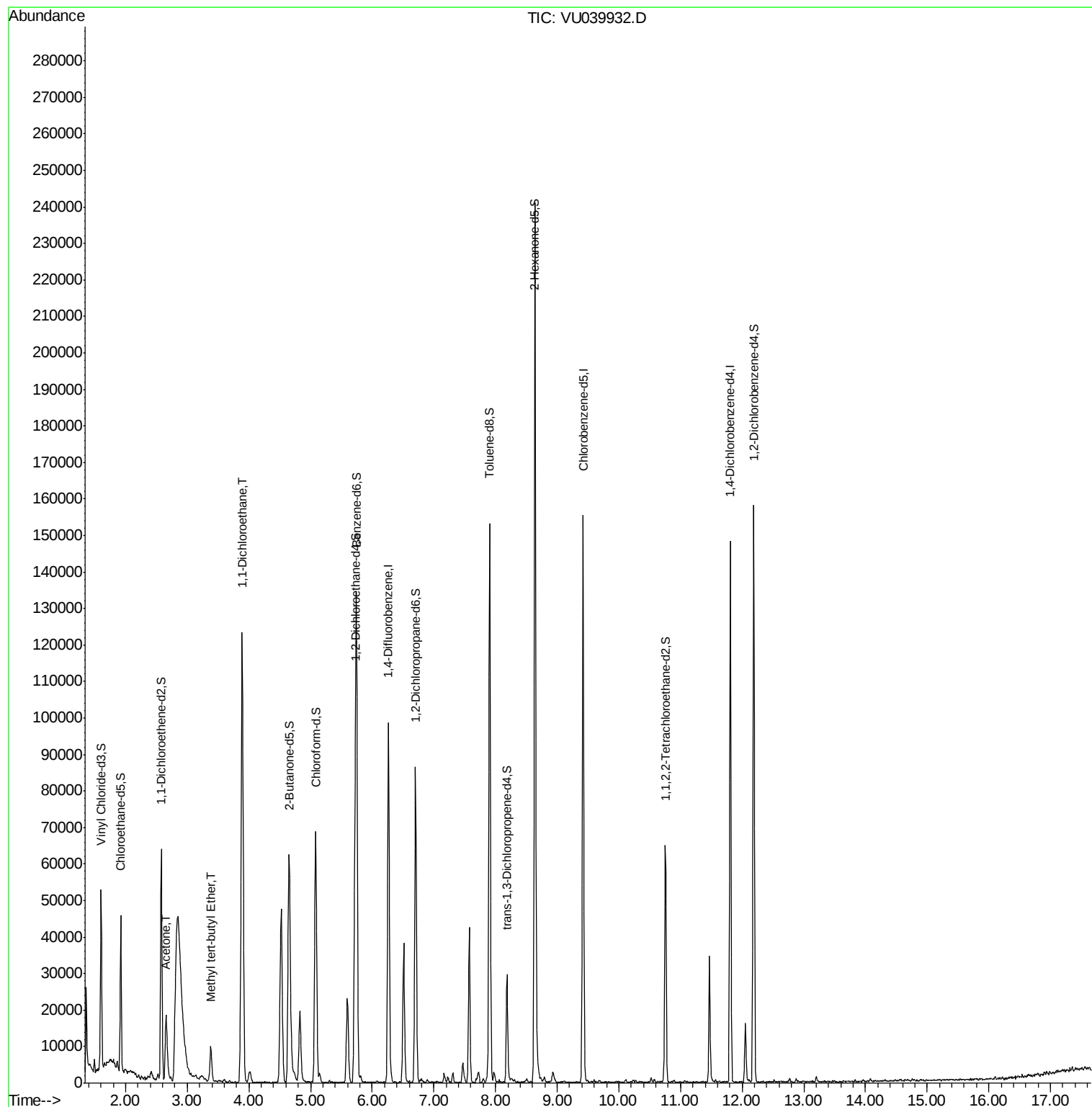
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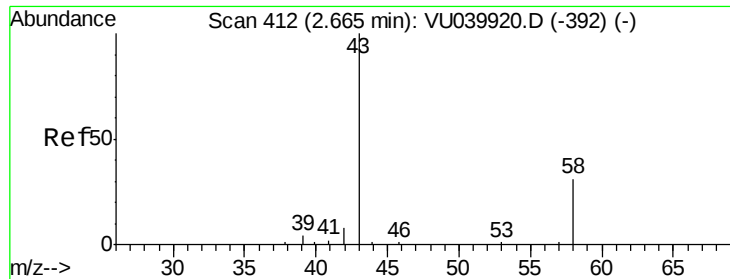
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#13

Acetone

Concen: 20.136 ug/L m

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU039932.D

Acq: 21 Aug 2020 16:50

Instrument :

MSVOA_U

ClientSampled :

F4Y07

Tot Ion: 43 Resp: 28177

Ion Ratio Lower Upper

43 100

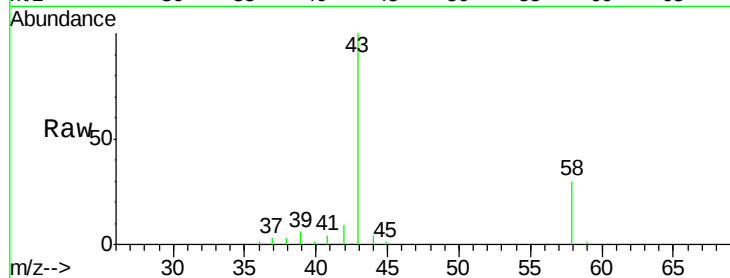
58 1.2 0.0 19.0

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Abundance Ion 43.05 (42.75 to 43.75): VU039932.D (-319) (-)

Ion 58.05 (57.75 to 58.75): VU039932.D (-319) (-)

2.66

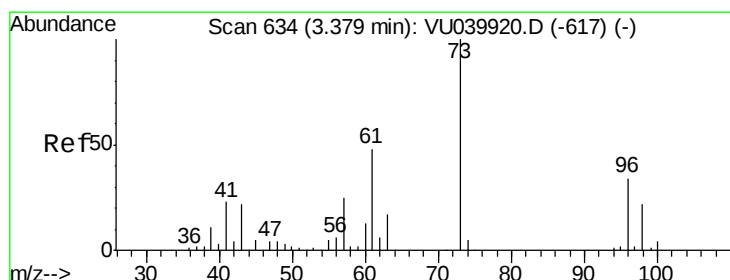
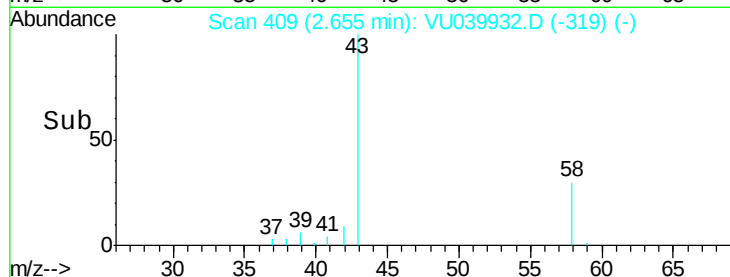
10000

5000

0

Time-->

2.60 2.65 2.70



#17

Methyl tert-butyl Ether

Concen: 0.543 ug/L

RT: 3.39 min Scan# 636

Delta R.T. 0.01 min

Lab File: VU039932.D

Acq: 21 Aug 2020 16:50

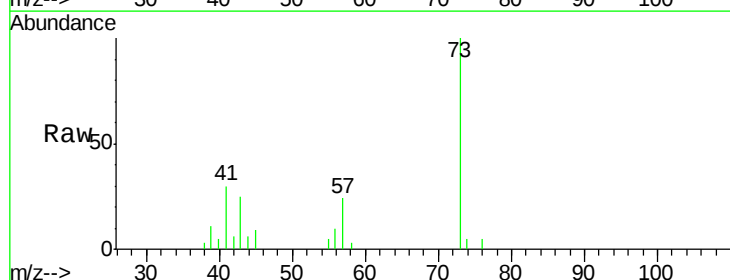
Tgt Ion: 73 Resp: 8780

Ion Ratio Lower Upper

73 100

43 29.0 16.6 24.8#

57 24.4 18.2 27.4



Abundance Ion 73.10 (72.80 to 73.80): VU039932.D (-541) (-)

Ion 43.05 (42.75 to 43.75): VU039932.D (-541) (-)

Ion 57.10 (56.80 to 57.80): VU039932.D (-541) (-)

3.39

5000

4000

3000

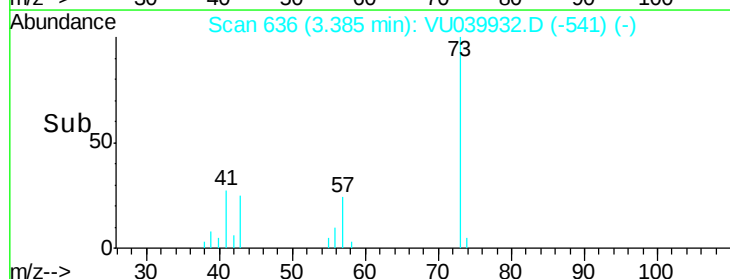
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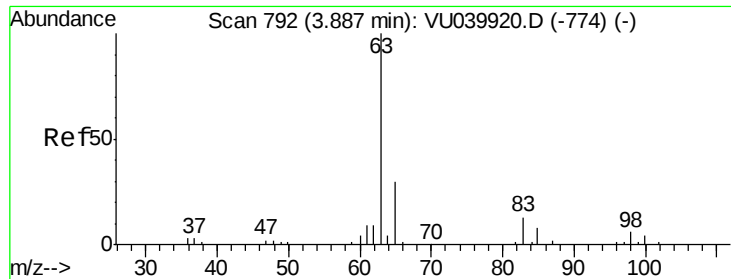
1000

0

Time-->

3.30 3.35 3.40 3.45





#19
 1,1-Dichloroethane
 Concen: 11.051 ug/L
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
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Tot Ion:	63	Resp:	136525
Ion Ratio	Lower	Upper	
63	100		
65	31.2	21.6	40.0
83	14.2	10.3	19.1

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