

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
 Data File : VU039933.D
 Acq On : 21 Aug 2020 17:14
 Operator : SY/MD
 Sample : L3776-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y08

Manual Integrations
 APPROVED

sam
 8/24/2020 5:55:44 PM

Quant Time: Aug 22 02:21:02 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	70148	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	76378	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33196	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28850	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.92	69	26628	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.58	63	37245	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.65	46	106072	54.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.34%
24) Chloroform-d	5.08	84	59853	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.72	65	34296	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.74	84	105079	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.70	67	34987	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.91	98	89089	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.19	79	14679	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.64	63	78973	49.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.88%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30265	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	37552	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

				Ovalue	
13) Acetone	2.66	43	26673m	19.935	ug/L
17) Methyl tert-butyl Ether	3.39	73	6893	0.446	ug/L # 93
19) 1,1-Dichloroethane	3.89	63	64195	5.434	ug/L 98
42) Toluene	7.97	91	2852	0.100	ug/L 89

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

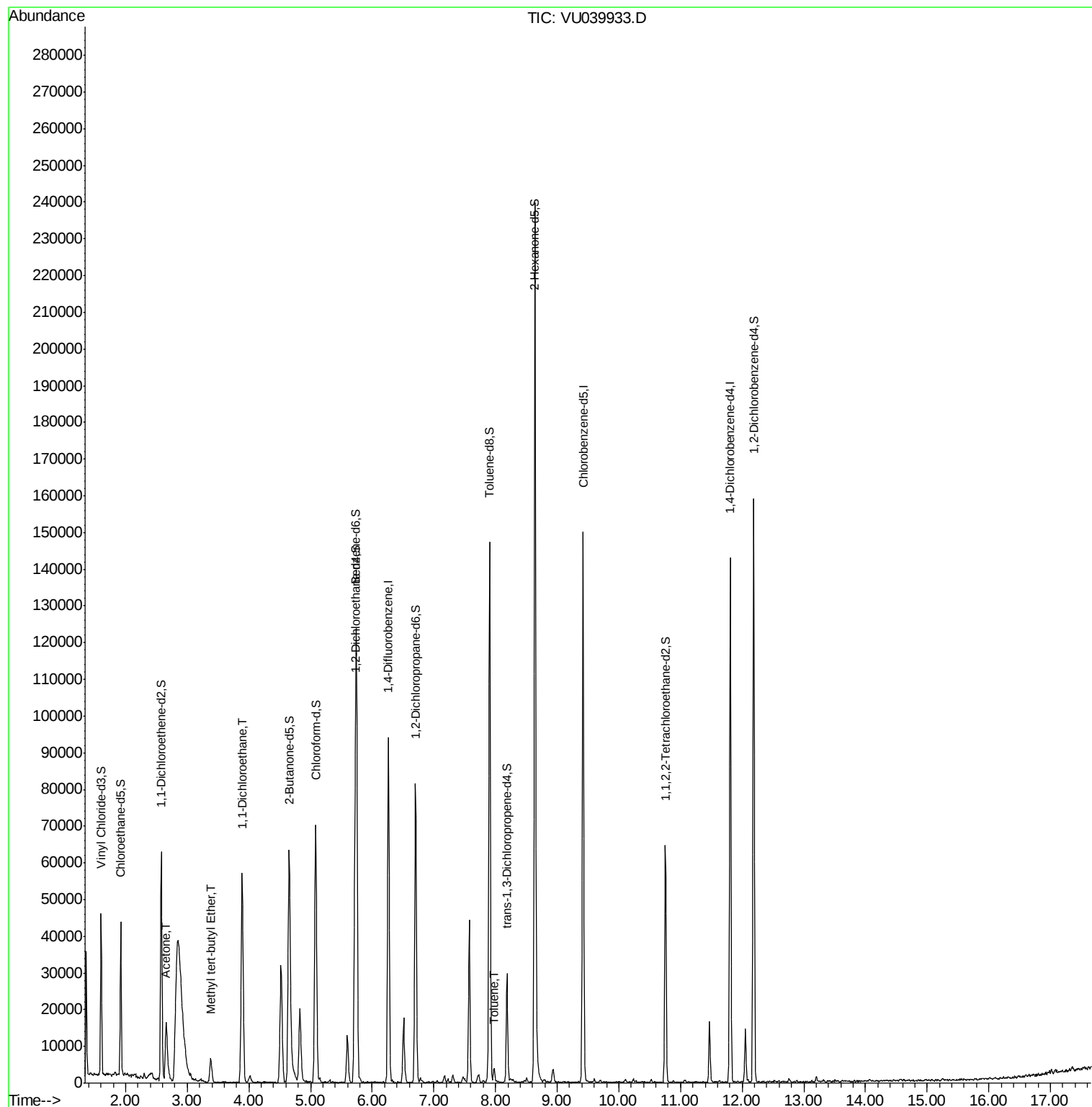
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU082120\
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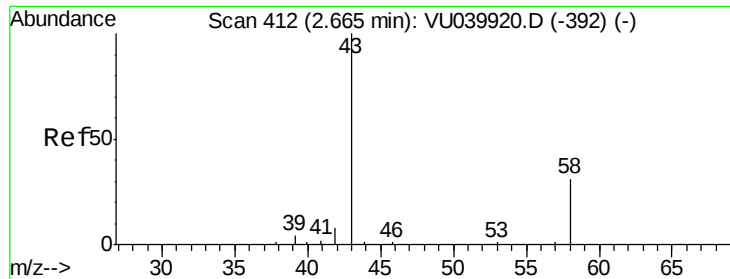
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Response via : Initial Calibration





#13

Acetone

Concen: 19.935 ug/L m

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU039933.D

Acq: 21 Aug 2020 17:14

Instrument :

MSVOA_U

ClientSampleId :

F4Y08

Tot Ion: 43 Resp: 26673

Ion Ratio Lower Upper

43 100

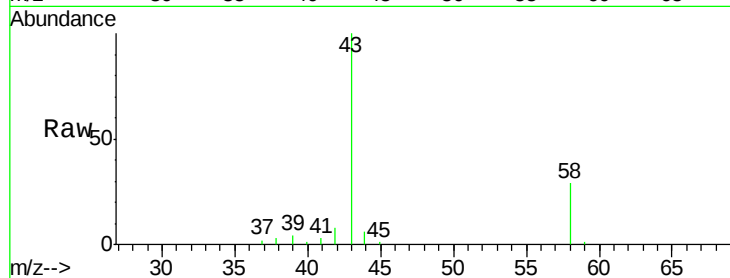
58 2.8 0.0 19.0

Manual Integrations

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Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

12000

10000

8000

6000

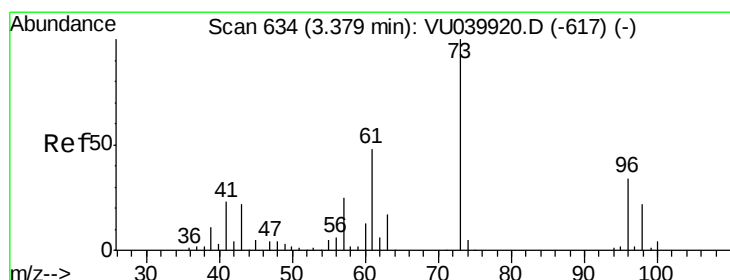
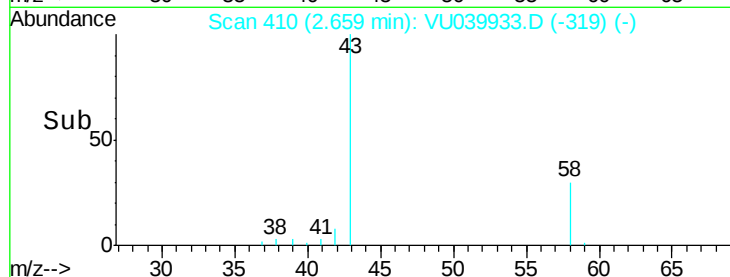
4000

2000

0

Time-->

2.60 2.65 2.70 2.75



#17

Methyl tert-butyl Ether

Concen: 0.446 ug/L

RT: 3.39 min Scan# 636

Delta R.T. 0.01 min

Lab File: VU039933.D

Acq: 21 Aug 2020 17:14

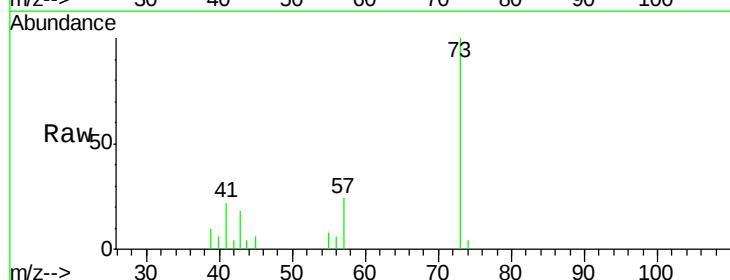
Tgt Ion: 73 Resp: 6893

Ion Ratio Lower Upper

73 100

43 16.5 16.6 24.8#

57 25.3 18.2 27.4



Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0

4000

3000

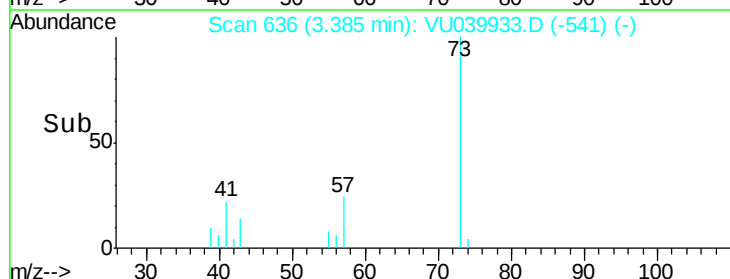
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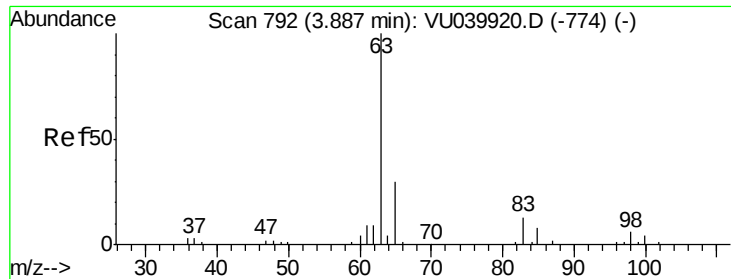
1000

0

Time-->

3.30 3.35 3.40 3.45





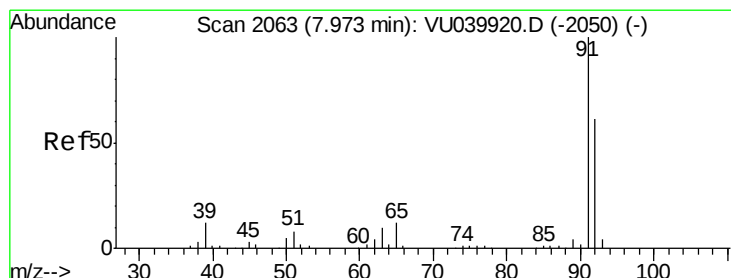
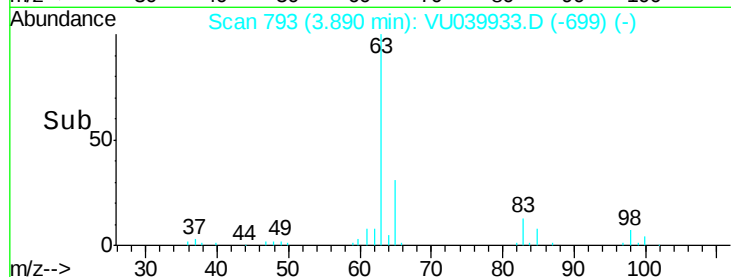
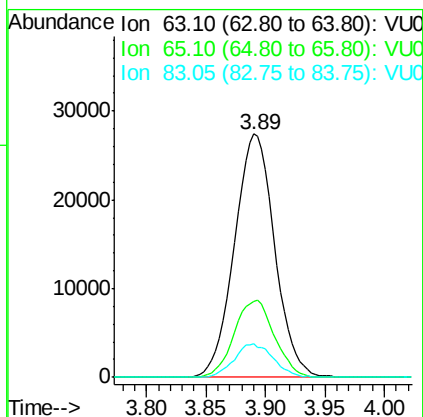
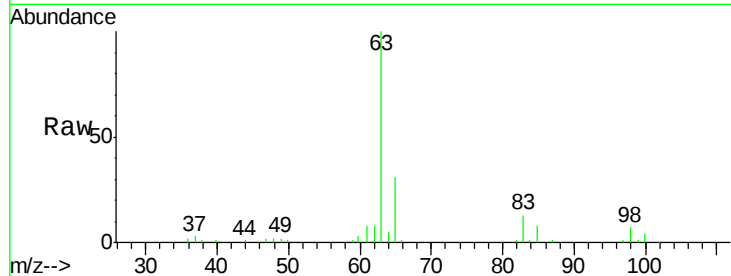
#19
 1,1-Dichloroethane
 Concen: 5.434 ug/L
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU039933.D
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Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	21.6	40.0
83	13.6	10.3	19.1

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#42
 Toluene
 Concen: 0.100 ug/L
 RT: 7.97 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VU039933.D
 Acq: 21 Aug 2020 17:14

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	42.3	78.5

