

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
 Data File : VU040088.D
 Acq On : 10 Sep 2020 18:01
 Operator : SY/MD
 Sample : L3961-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y29

Quant Time: Sep 11 05:02:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 11 01:49:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	106220	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	107738	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45642	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30420	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	1.92	69	24687	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.58	63	49039	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.65	46	101699	43.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.68%
24) Chloroform-d	5.08	84	58183	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.72	65	36478	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	5.75	84	111190	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.70	67	36135	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.91	98	92169	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	8.19	79	13733	3.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.20%
46) 2-Hexanone-d5	8.64	63	72756	40.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.66%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30958	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	35266	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

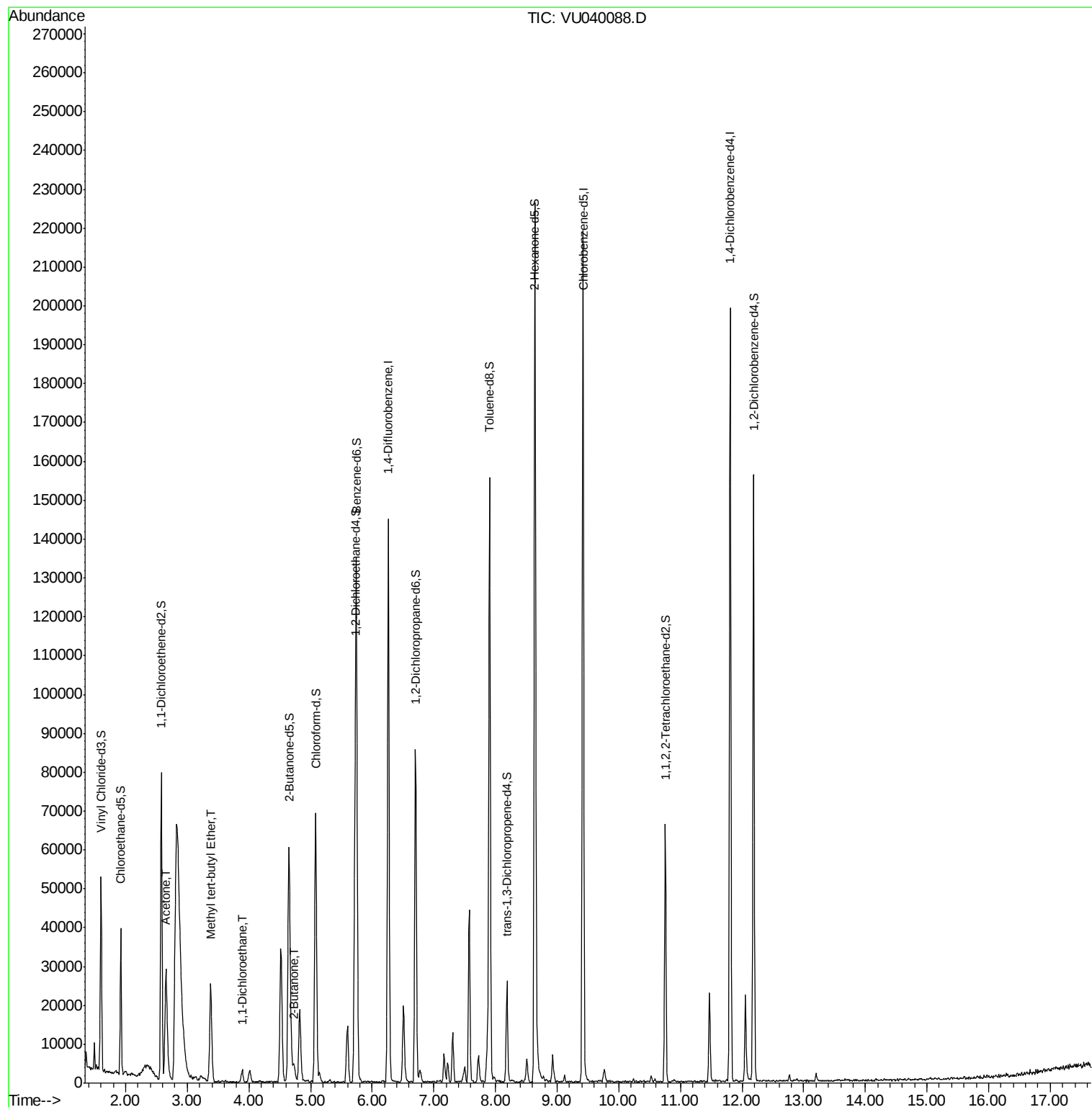
					Ovalue
13) Acetone	2.66	43	49472	23.038	ug/L 98
17) Methyl tert-butyl Ether	3.38	73	24874	1.004	ug/L 96
19) 1,1-Dichloroethane	3.90	63	3696	0.203	ug/L 88
21) 2-Butanone	4.74	43	4390	1.252	ug/L 94

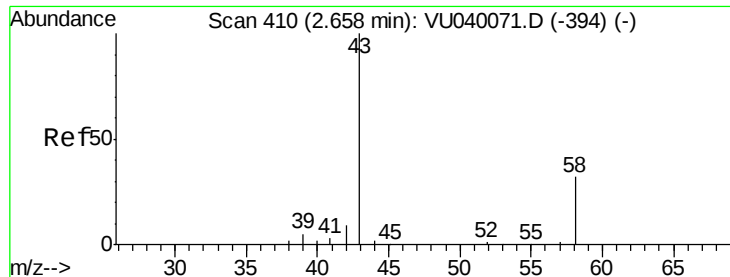
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 23.038 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU040088.D

Acq: 10 Sep 2020 18:01

Instrument :

MSVOA_U

ClientSampled :

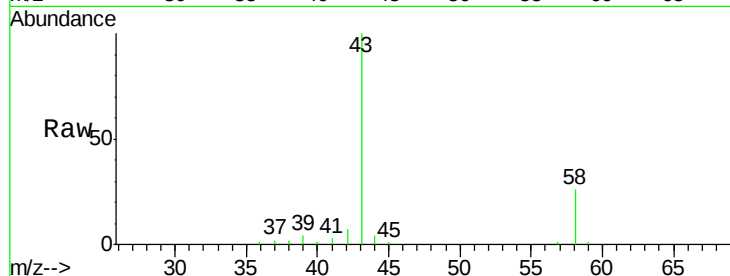
F4Y29

Tot Ion: 43 Resp: 49472

Ion Ratio Lower Upper

43 100

58 26.8 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

20000

15000

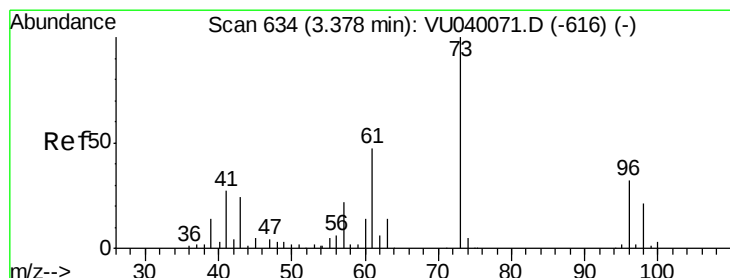
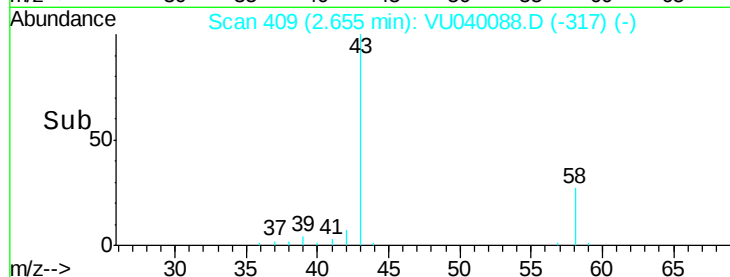
10000

5000

0

2.60 2.70 2.80

Time-->



#17

Methyl tert-butyl Ether

Concen: 1.004 ug/L

RT: 3.38 min Scan# 635

Delta R.T. 0.00 min

Lab File: VU040088.D

Acq: 10 Sep 2020 18:01

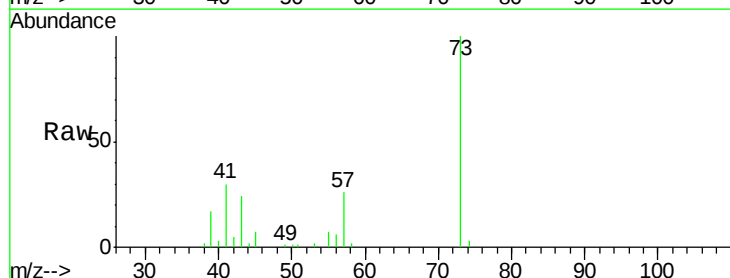
Tgt Ion: 73 Resp: 24874

Ion Ratio Lower Upper

73 100

43 27.0 19.1 28.7

57 24.0 18.3 27.5



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

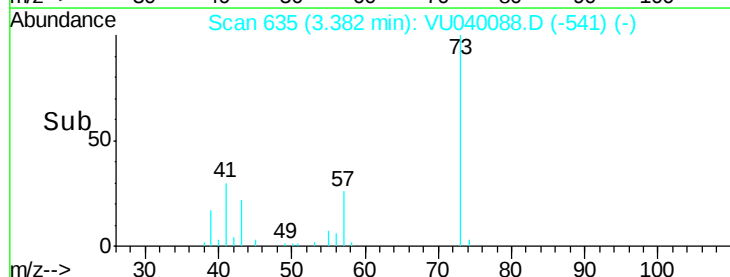
10000

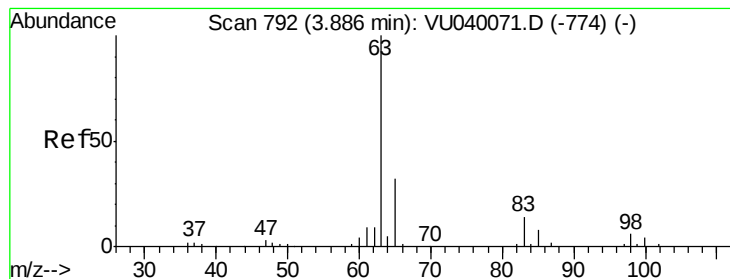
5000

0

3.30 3.35 3.40 3.45

Time-->





#19

1,1-Dichloroethane

Concen: 0.203 ug/L

RT: 3.90 min Scan# 795

Delta R.T. 0.01 min

Lab File: VU040088.D

Acq: 10 Sep 2020 18:01

Instrument :

MSVOA_U

ClientSampleId :

F4Y29

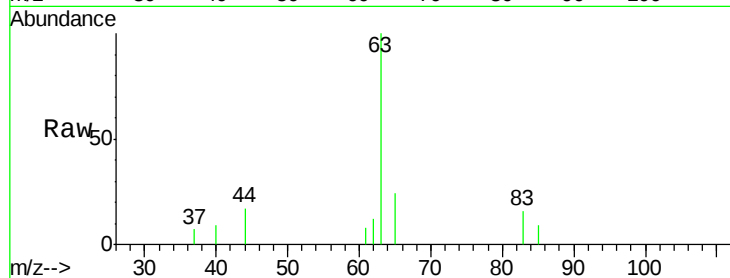
Tot Ion: 63 Resp: 3696

Ion Ratio Lower Upper

63 100

65 23.8 22.2 41.2

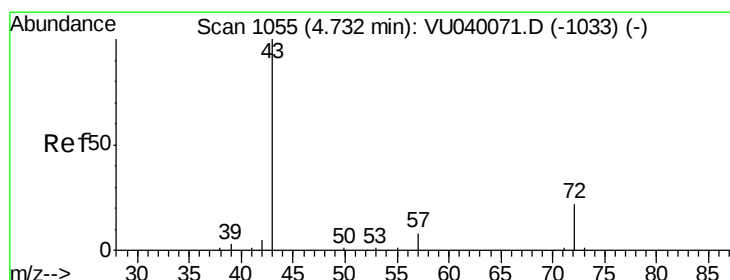
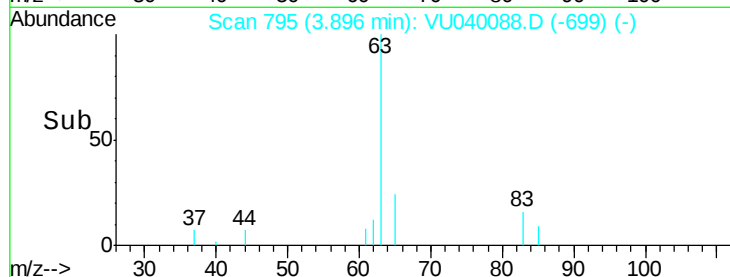
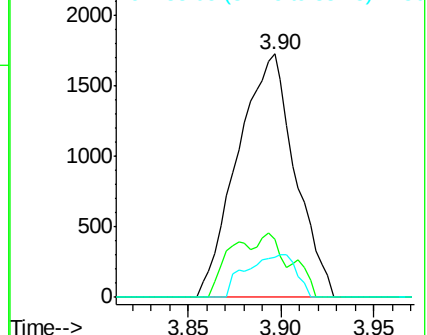
83 16.5 9.4 17.6



Abundance Ion 63.10 (62.80 to 63.80): VU040071.D (-774) (-)

Ion 65.10 (64.80 to 65.80): VU040071.D (-774) (-)

Ion 83.05 (82.75 to 83.75): VU040071.D (-774) (-)



#21

2-Butanone

Concen: 1.252 ug/L

RT: 4.74 min Scan# 1057

Delta R.T. 0.01 min

Lab File: VU040088.D

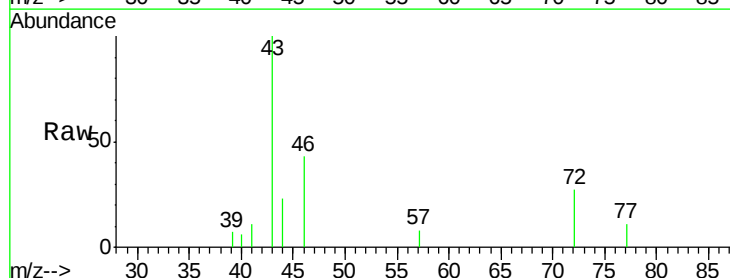
Acq: 10 Sep 2020 18:01

Tgt Ion: 43 Resp: 4390

Ion Ratio Lower Upper

43 100

72 20.5 11.7 35.0



Abundance Ion 43.05 (42.75 to 43.75): VU040071.D (-1033) (-)

Ion 72.10 (71.80 to 72.80): VU040071.D (-1033) (-)

