

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
 Data File : VU040086.D
 Acq On : 10 Sep 2020 17:14
 Operator : SY/MD
 Sample : L3961-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y27

Quant Time: Sep 11 04:22:01 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	116174	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118542	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52050	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31083	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.92	69	25309	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.58	63	49085	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	4.65	46	105532	41.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.20%
24) Chloroform-d	5.08	84	60121	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
26) 1,2-Dichloroethane-d4	5.72	65	36945	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
32) Benzene-d6	5.74	84	113910	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
36) 1,2-Dichloropropane-d6	6.70	67	36160	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.20%
41) Toluene-d8	7.91	98	95482	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
43) trans-1,3-Dichloropropene-	8.19	79	14525	3.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.40%
46) 2-Hexanone-d5	8.64	63	73652	37.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.20%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	32622	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	35923	4.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.20%

Target Compounds

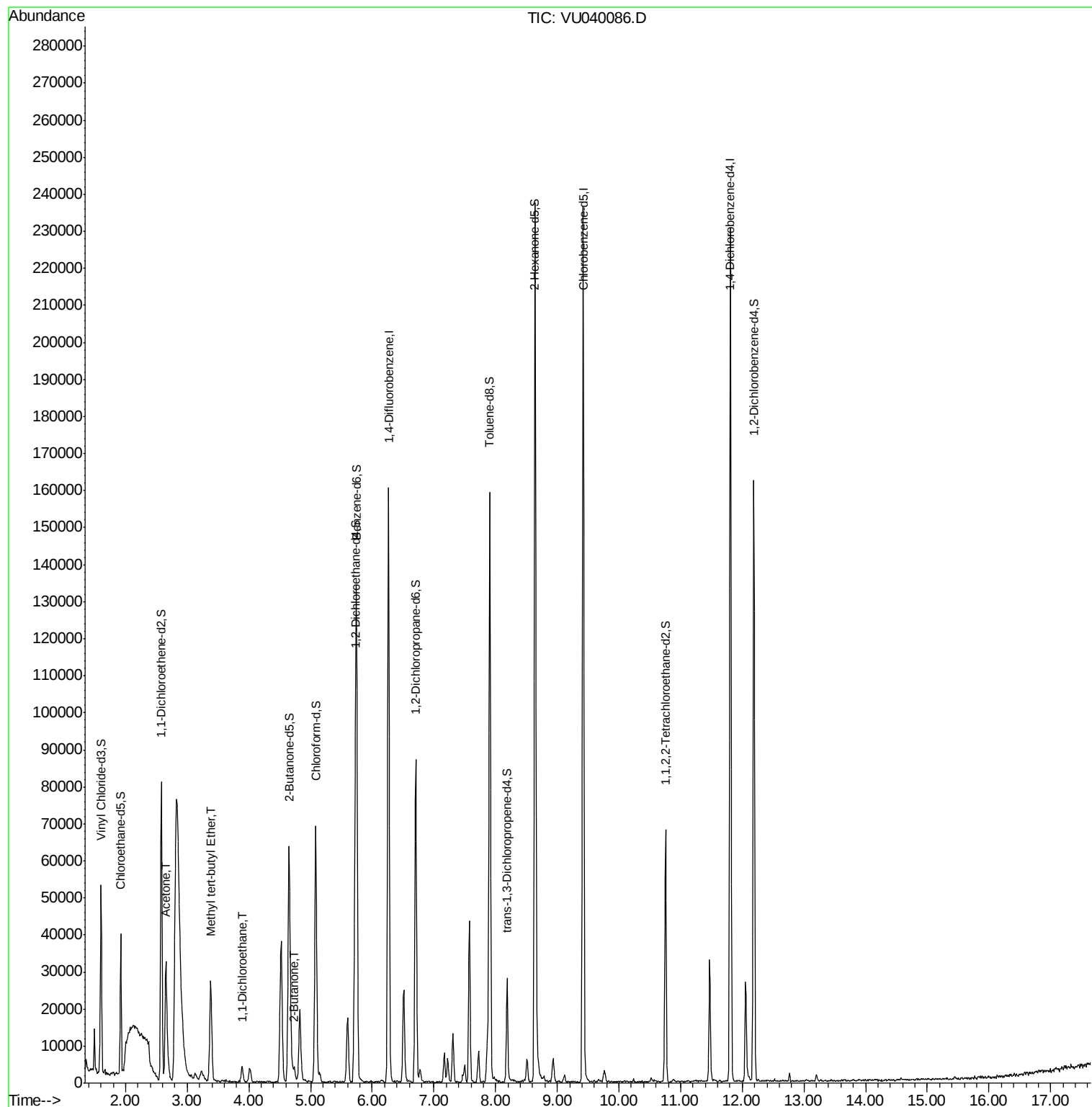
					Ovalue
13) Acetone	2.65	43	49272	20.979 ug/L	97
17) Methyl tert-butyl Ether	3.38	73	27562	1.017 ug/L	97
19) 1,1-Dichloroethane	3.89	63	4781	0.240 ug/L	96
21) 2-Butanone	4.74	43	4709	1.228 ug/L #	76

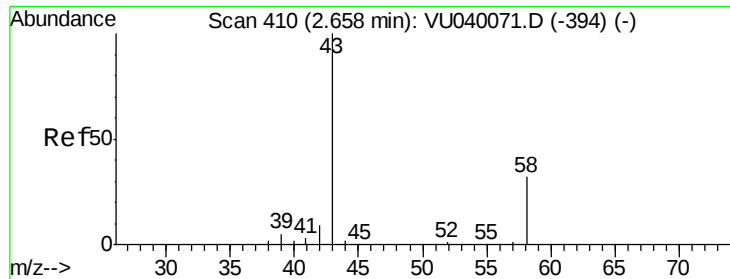
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 20.979 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

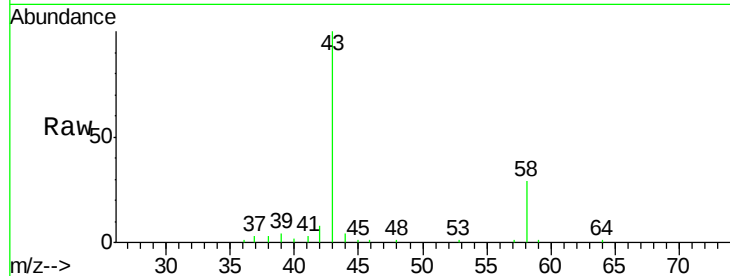
F4Y27

Tot Ion: 43 Resp: 49272

Ion Ratio Lower Upper

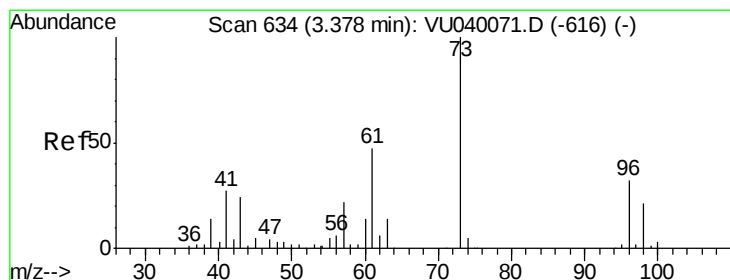
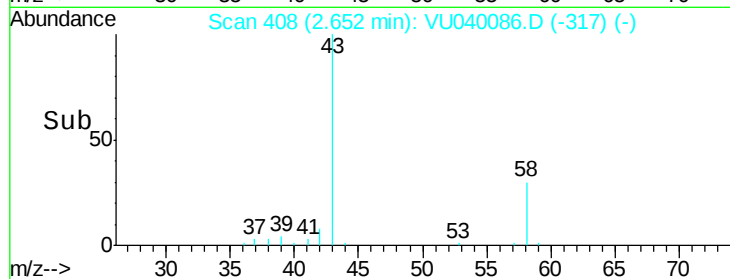
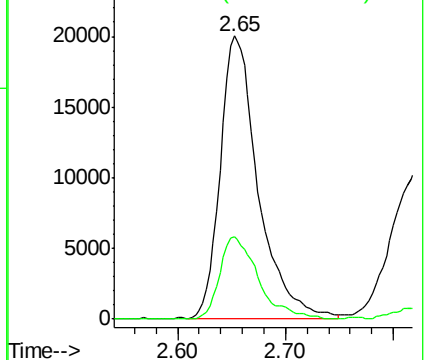
43 100

58 29.4 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#17

Methyl tert-butyl Ether

Concen: 1.017 ug/L

RT: 3.38 min Scan# 634

Delta R.T. 0.00 min

Lab File: VU040086.D

Acq: 10 Sep 2020 17:14

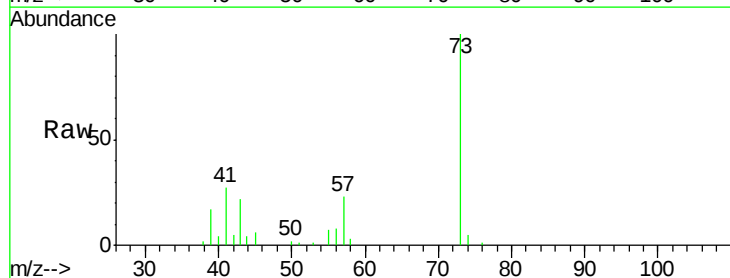
Tgt Ion: 73 Resp: 27562

Ion Ratio Lower Upper

73 100

43 25.8 19.1 28.7

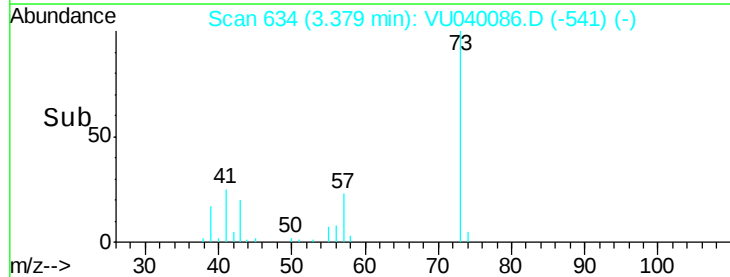
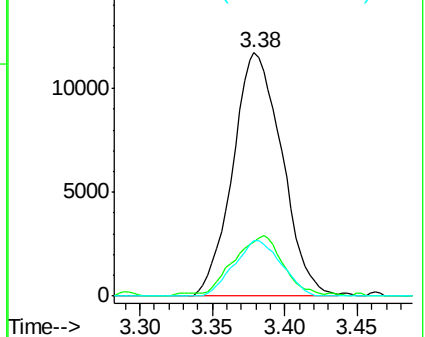
57 22.0 18.3 27.5

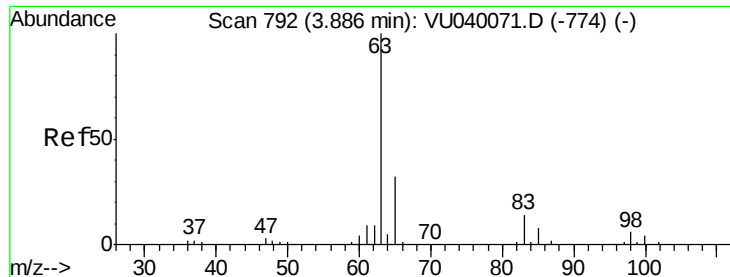


Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0

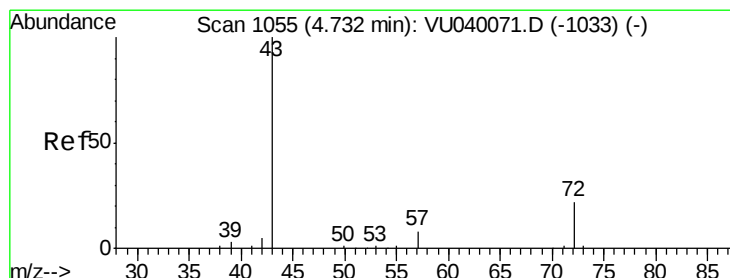
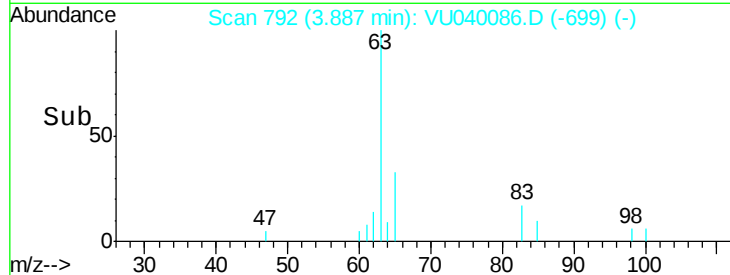
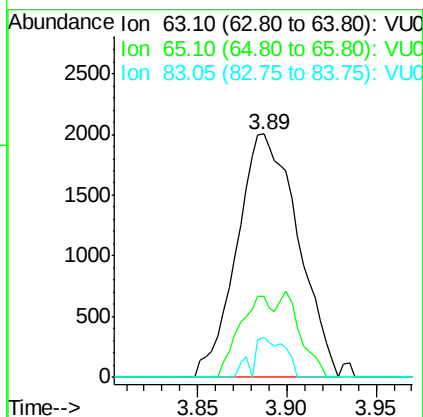
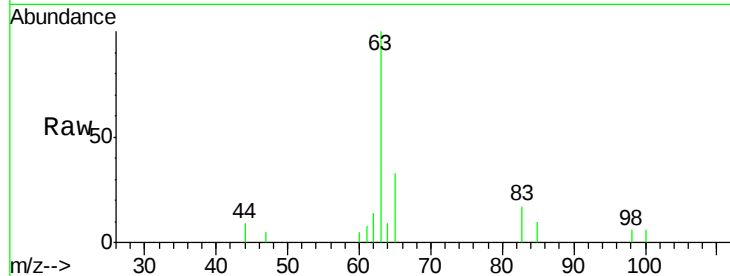




#19
 1,1-Dichloroethane
 Concen: 0.240 ug/L
 RT: 3.89 min Scan# 792
 Delta R.T. 0.00 min
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Tot Ion: 63 Resp: 4781
 Ion Ratio Lower Upper
 63 100
 65 33.4 22.2 41.2
 83 16.5 9.4 17.6



#21
 2-Butanone
 Concen: 1.228 ug/L
 RT: 4.74 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: VU040086.D
 Acq: 10 Sep 2020 17:14

Tgt Ion: 43 Resp: 4709
 Ion Ratio Lower Upper
 43 100
 72 11.6 11.7 35.0#

