

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
 Data File : VU039935.D
 Acq On : 21 Aug 2020 18:02
 Operator : SY/MD
 Sample : L3776-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y11

Quant Time: Aug 22 02:36:06 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	71744	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	77881	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32983	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27378	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.92	69	26476	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.58	63	35122	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.65	46	102561	51.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.42%
24) Chloroform-d	5.09	84	56577	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.72	65	33441	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.75	84	105541	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.70	67	33699	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.91	98	87954	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	8.19	79	13225	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.64	63	75720	46.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.98%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30048	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	35333	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

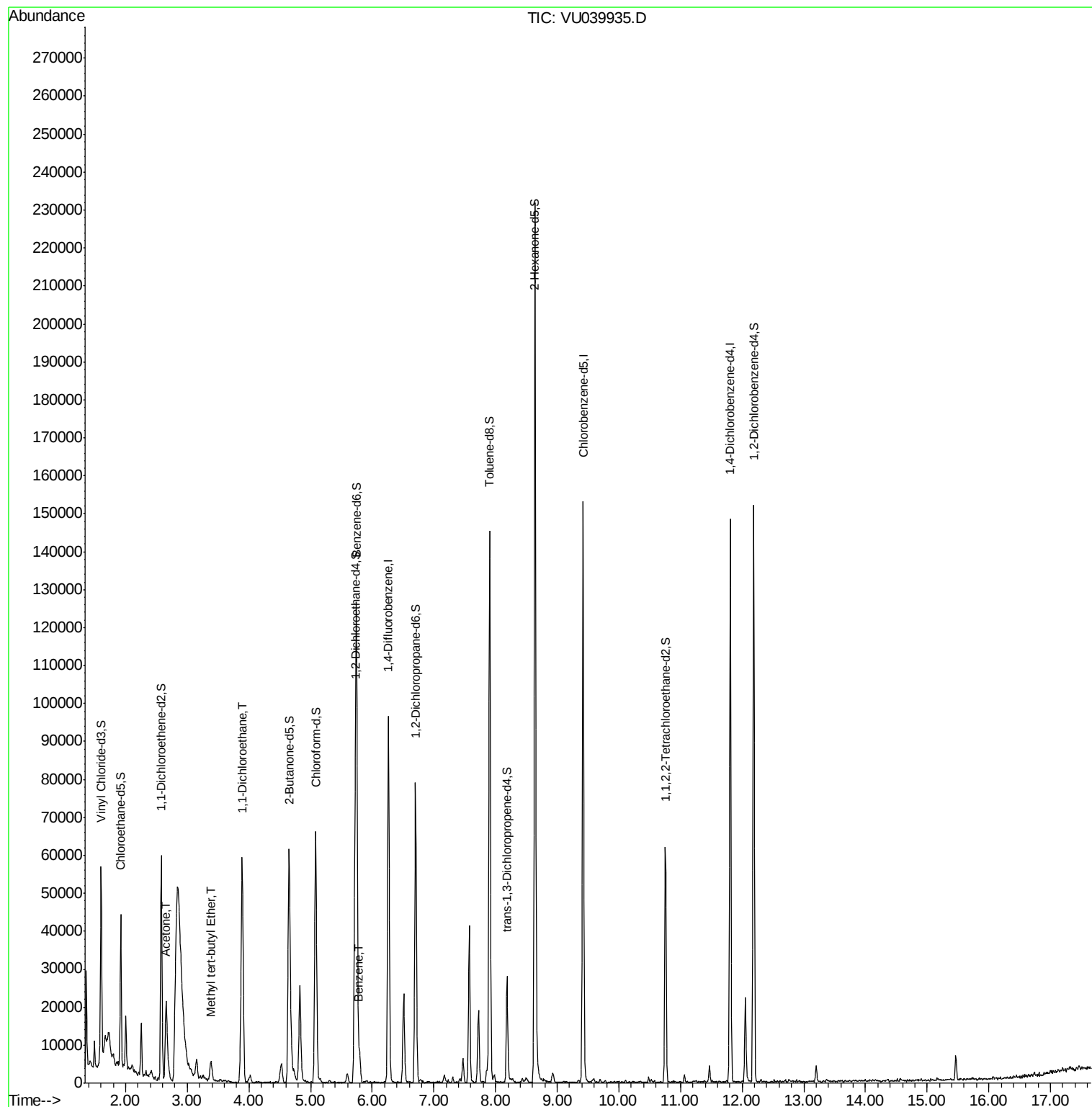
					Ovalue
13) Acetone	2.66	43	34890	25.496	ug/L # 39
17) Methyl tert-butyl Ether	3.38	73	5187	0.328	ug/L # 92
19) 1,1-Dichloroethane	3.89	63	63196	5.231	ug/L 98
33) Benzene	5.79	78	6858	0.242	ug/L 100

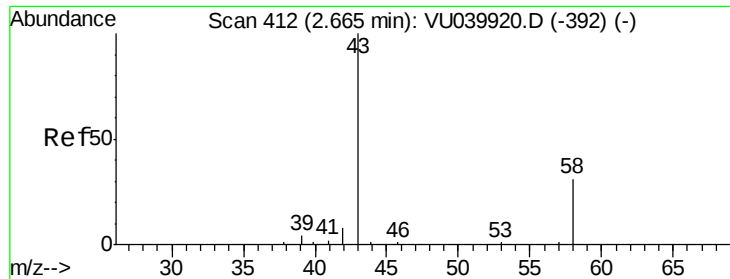
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 25.496 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU039935.D

Acq: 21 Aug 2020 18:02

Instrument :

MSVOA_U

ClientSampled :

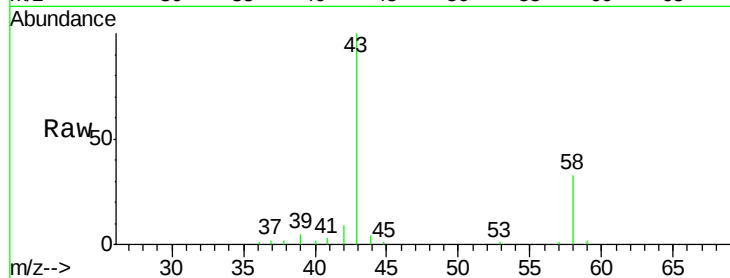
F4Y11

Tot Ion: 43 Resp: 34890

Ion Ratio Lower Upper

43 100

58 31.8 0.0 19.0#



Abundance Ion 43.05 (42.75 to 43.75): VU039935.D (-319) (-)

Ion 58.05 (57.75 to 58.75): VU039935.D (-319) (-)

2.66

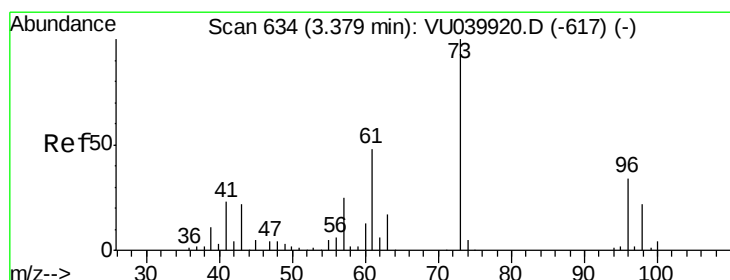
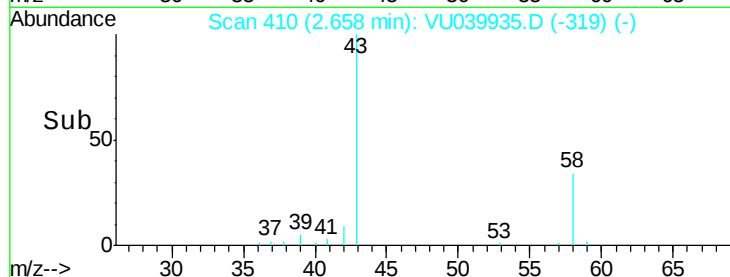
15000

10000

5000

0

Time-->



#17

Methyl tert-butyl Ether

Concen: 0.328 ug/L

RT: 3.38 min Scan# 636

Delta R.T. 0.01 min

Lab File: VU039935.D

Acq: 21 Aug 2020 18:02

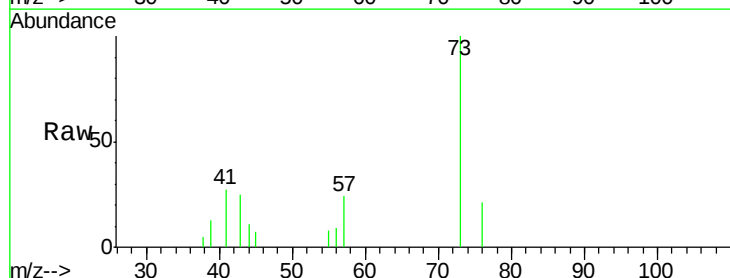
Tgt Ion: 73 Resp: 5187

Ion Ratio Lower Upper

73 100

43 27.2 16.6 24.8#

57 21.7 18.2 27.4



Abundance Ion 73.10 (72.80 to 73.80): VU039935.D (-541) (-)

Ion 43.05 (42.75 to 43.75): VU039935.D (-541) (-)

Ion 57.10 (56.80 to 57.80): VU039935.D (-541) (-)

3.38

3000

2500

2000

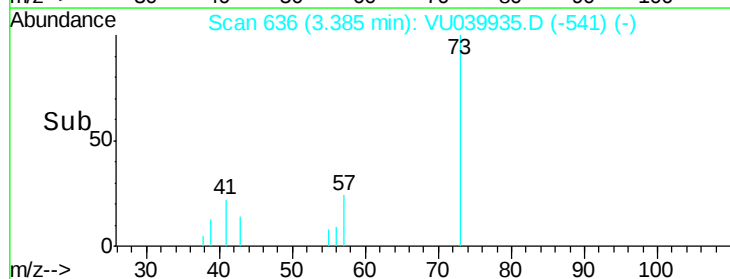
1500

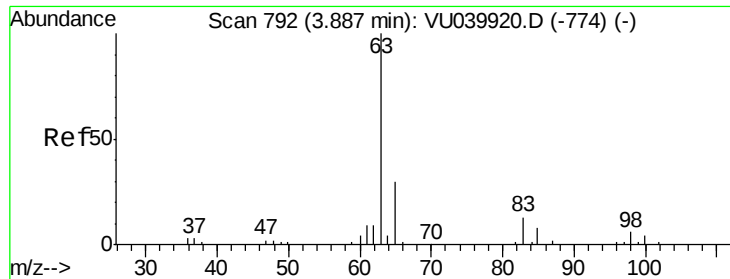
1000

500

0

Time-->

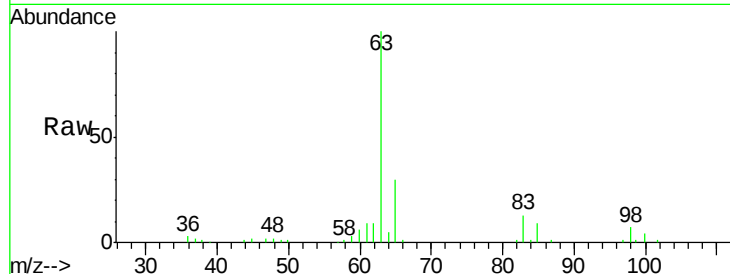




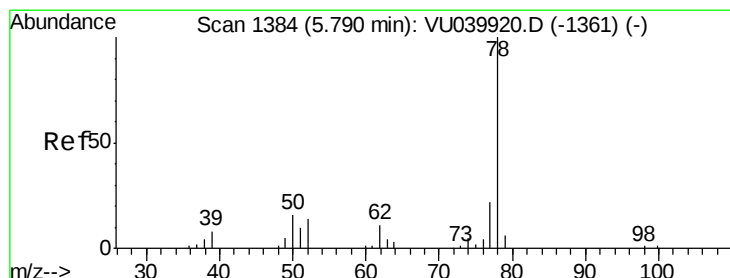
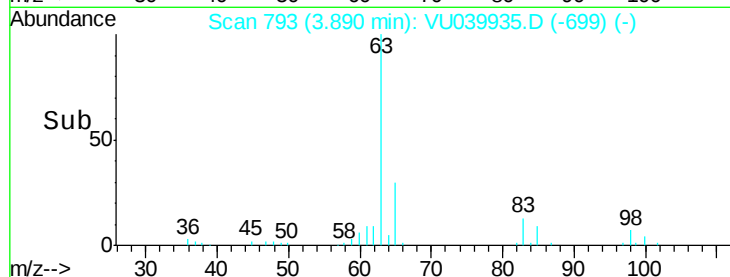
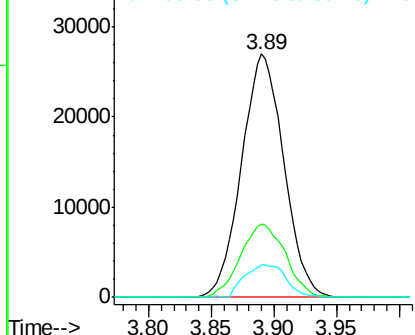
#19
 1,1-Dichloroethane
 Concen: 5.231 ug/L
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU039935.D
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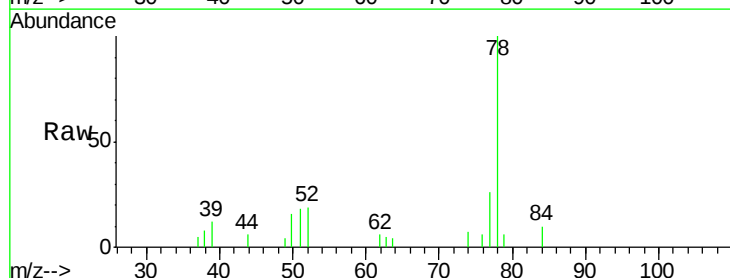
Tot Ion: 63 Resp: 63196
 Ion Ratio Lower Upper
 63 100
 65 30.1 21.6 40.0
 83 13.1 10.3 19.1



Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0



#33
 Benzene
 Concen: 0.242 ug/L
 RT: 5.79 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VU039935.D
 Acq: 21 Aug 2020 18:02
 Tgt Ion: 78 Resp: 6858



Abundance Ion 78.10 (77.80 to 78.80): VU0

