

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082520\
 Data File : VU039968.D
 Acq On : 25 Aug 2020 15:20
 Operator : SY/MD
 Sample : L3777-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y24

Manual Integrations
 APPROVED

sam
 8/26/2020 5:20:07 PM

Quant Time: Aug 26 04:21:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 26 03:42:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	76274	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	74177	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	35310	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	25903	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.92	69	21582	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.40%
11) 1,1-Dichloroethene-d2	2.58	63	39428	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.65	46	81711	38.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.76%
24) Chloroform-d	5.09	84	52661	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.72	65	30766	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	5.75	84	100538	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.70	67	32391	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.91	98	84421	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	8.19	79	12199	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.64	63	57070	36.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.58%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24851	3.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	34114	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

				Ovalue	
13) Acetone	2.66	43	35220m	24.208	ug/L
17) Methyl tert-butyl Ether	3.38	73	8177	0.486	ug/L #
19) 1,1-Dichloroethane	3.89	63	136737	10.646	ug/L

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

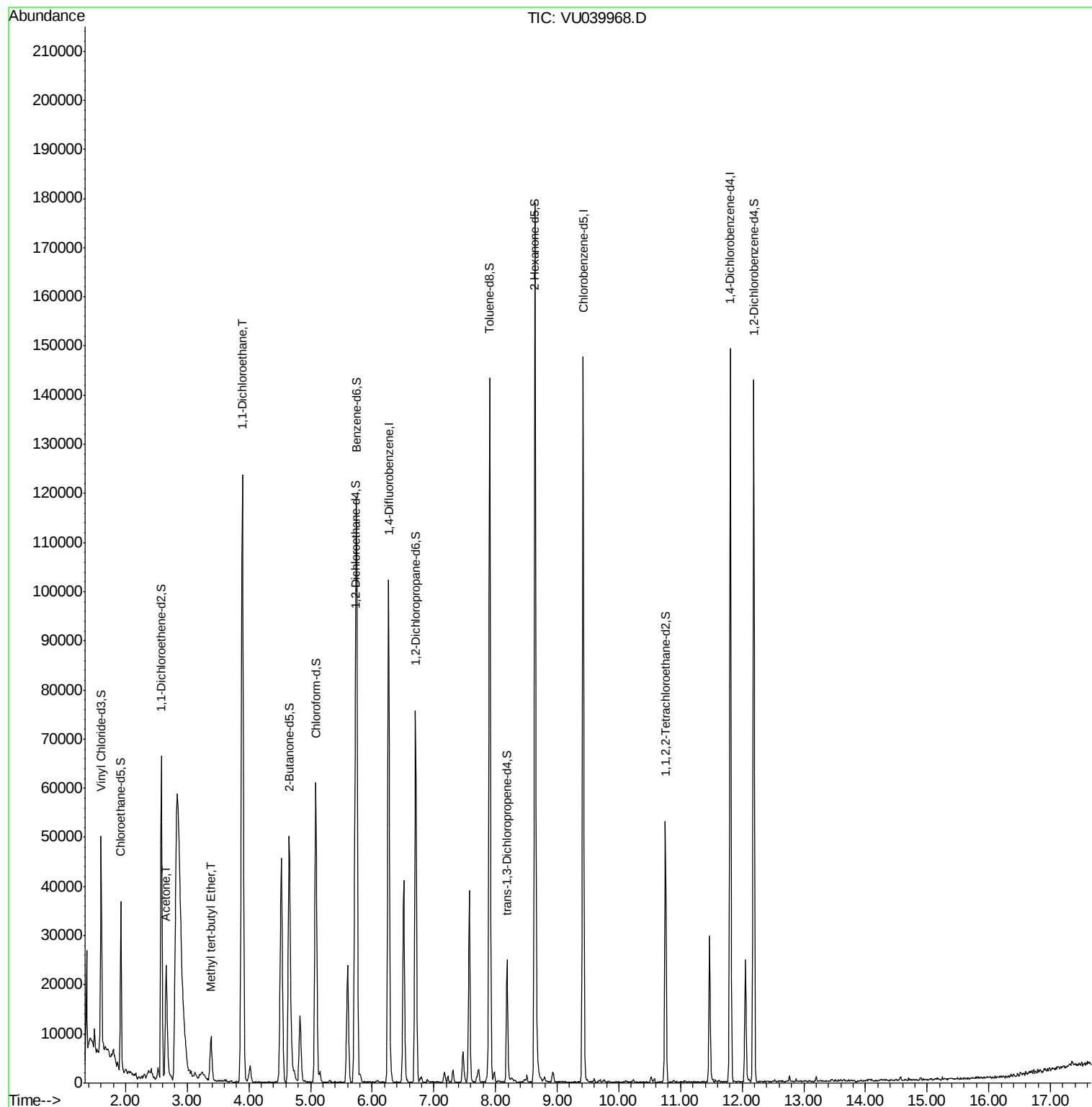
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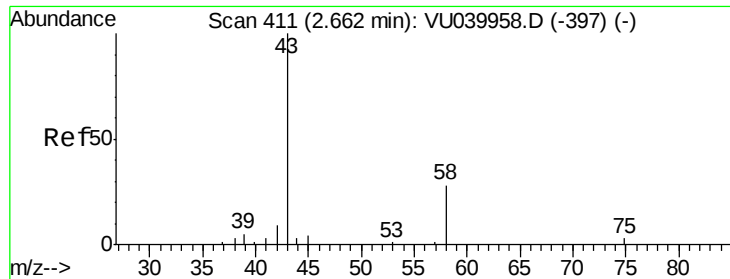
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#13

Acetone

Concen: 24.208 ug/L m

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU039968.D

Acq: 25 Aug 2020 15:20

Tot Ion: 43 Resp: 35220

Ion Ratio Lower Upper

43 100

58 3.0 0.0 19.0

Instrument :

MSVOA_U

ClientSampleId :

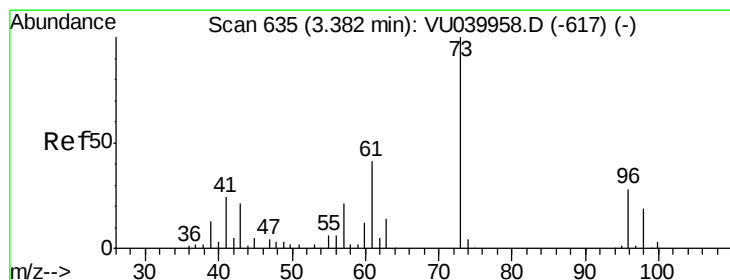
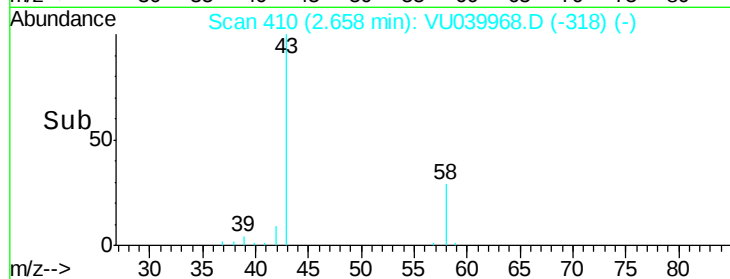
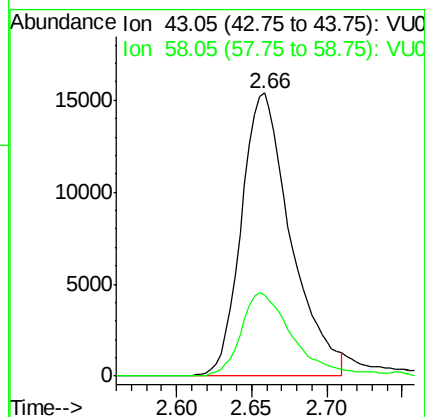
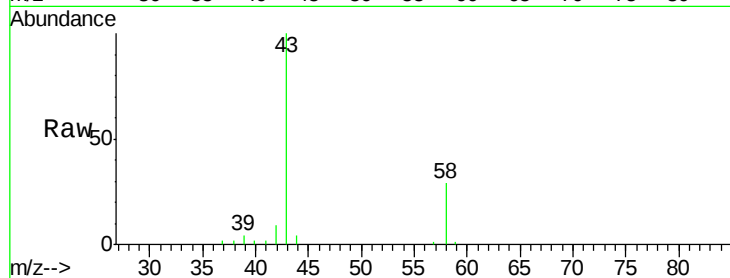
F4Y24

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#17

Methyl tert-butyl Ether

Concen: 0.486 ug/L

RT: 3.38 min Scan# 636

Delta R.T. 0.00 min

Lab File: VU039968.D

Acq: 25 Aug 2020 15:20

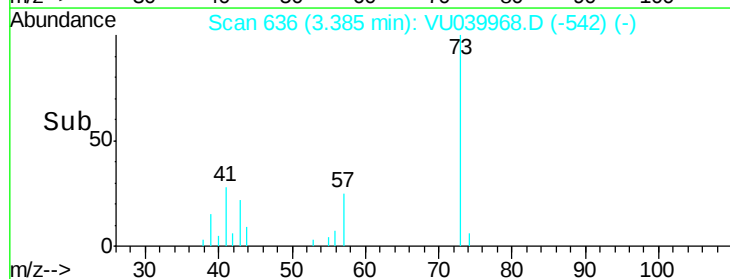
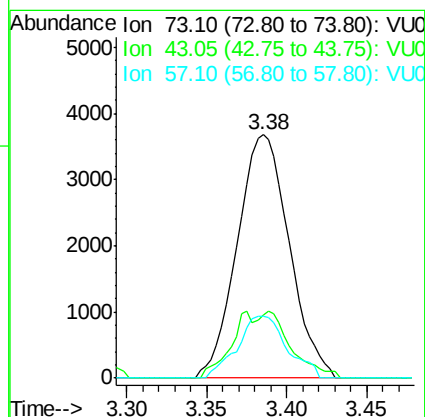
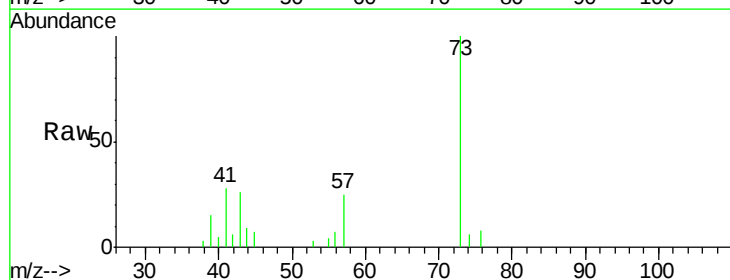
Tgt Ion: 73 Resp: 8177

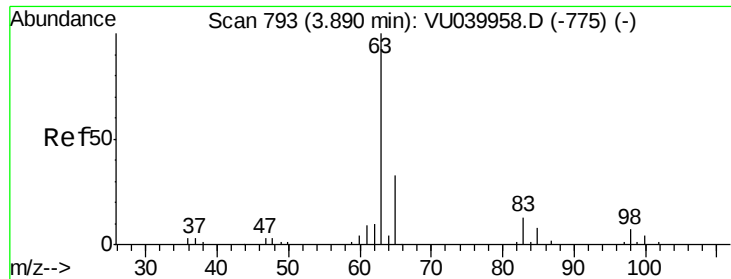
Ion Ratio Lower Upper

73 100

43 15.9 16.6 24.8#

57 24.3 18.2 27.4





#19

1,1-Dichloroethane

Concen: 10.646 ug/L

RT: 3.89 min Scan# 794

Delta R.T. 0.00 min

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Tot Ion	Ratio	Resp Lower	Upper
63	100		
65	31.4	21.6	40.0
83	13.8	10.3	19.1

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