

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
 Data File : VU039936.D
 Acq On : 21 Aug 2020 18:26
 Operator : SY/MD
 Sample : L3776-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y12

Manual Integrations
 APPROVED

sam
 8/24/2020 5:55:37 PM

Quant Time: Aug 22 02:41:40 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	79352	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	70892	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	34698	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27013	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.92	69	25429	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.58	63	36404	2.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.40%#
20) 2-Butanone-d5	4.65	46	101813	45.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.92%
24) Chloroform-d	5.08	84	56405	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.72	65	32016	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	5.74	84	107651	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.70	67	36233	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.91	98	83861	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.19	79	12241	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.64	63	69190	46.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.34%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29048	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	35034	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds				Ovalue
13) Acetone	2.66	43	22596m	14.929 ug/L
17) Methyl tert-butyl Ether	3.38	73	5158	0.295 ug/L # 82
19) 1,1-Dichloroethane	3.89	63	66119	4.948 ug/L 99
33) Benzene	5.79	78	7723	0.300 ug/L 100

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

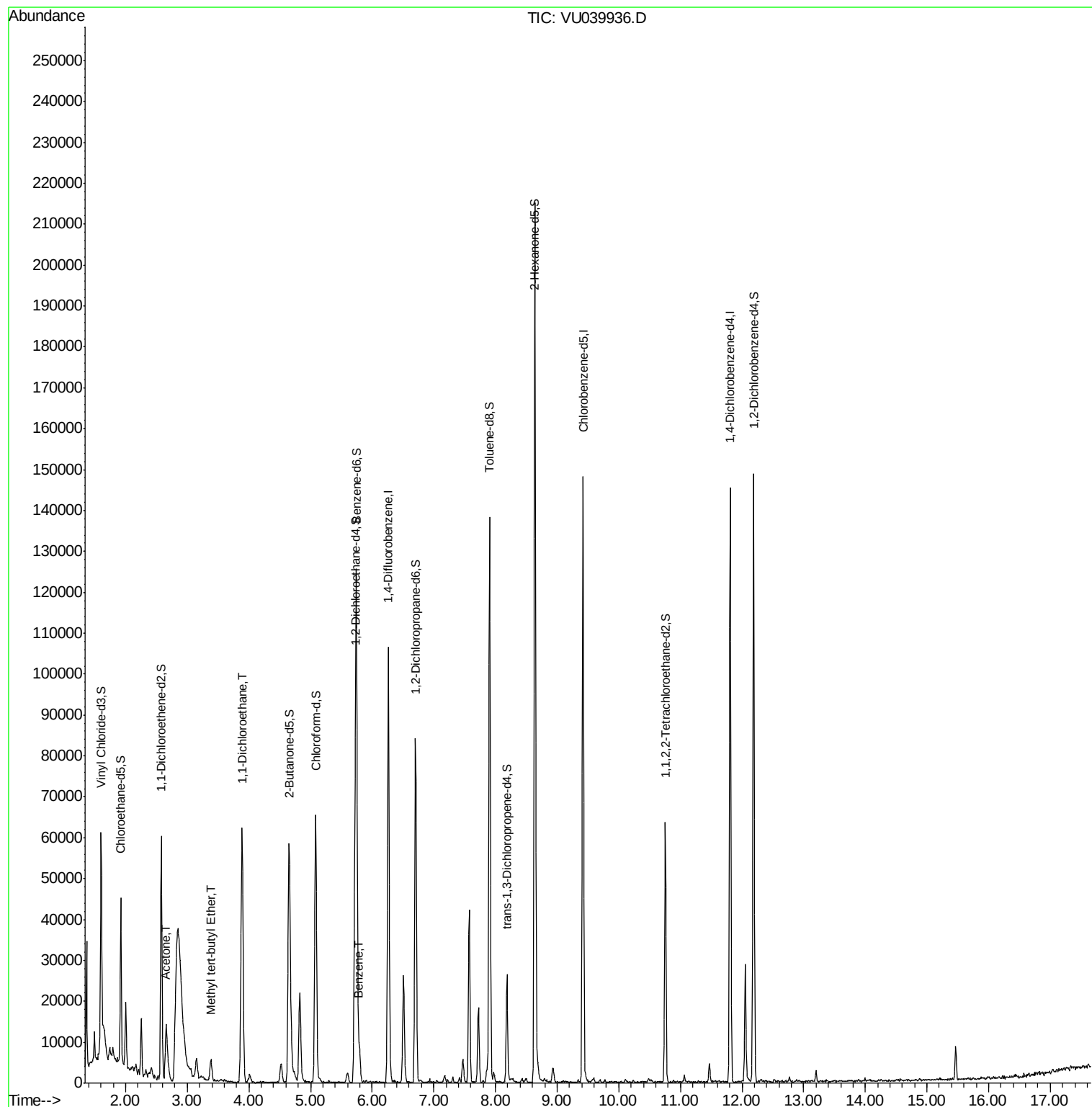
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU082120\
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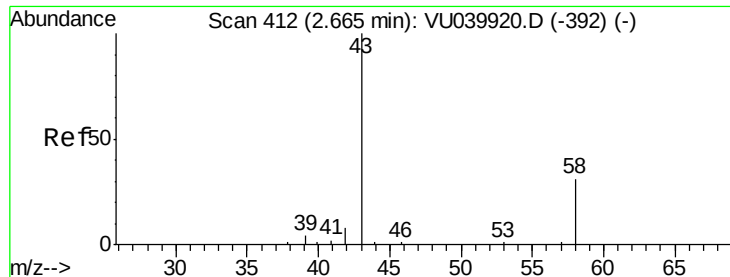
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 22 00:45:05 2020
Response via : Initial Calibration





#13

Acetone

Concen: 14.929 ug/L m

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU039936.D

Acq: 21 Aug 2020 18:26

Instrument :

MSVOA_U

ClientSampled :

F4Y12

Tot Ion: 43 Resp: 22596

Ion Ratio Lower Upper

43 100

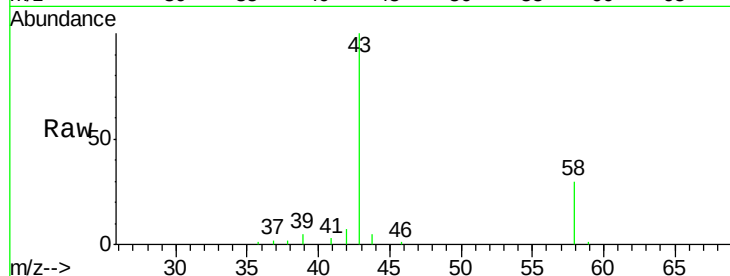
58 1.9 0.0 19.0

Manual Integrations

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Abundance Ion 43.05 (42.75 to 43.75): VU039936.D (-319) (-)

Ion 58.05 (57.75 to 58.75): VU039936.D (-319) (-)

2.66

10000

8000

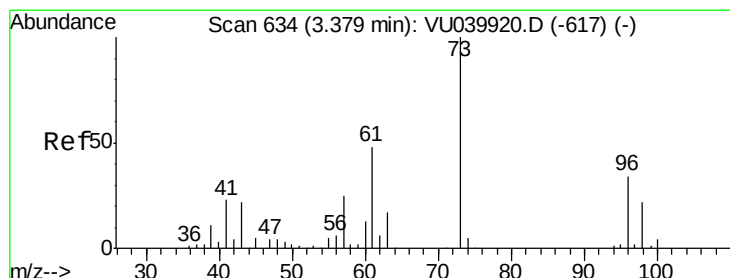
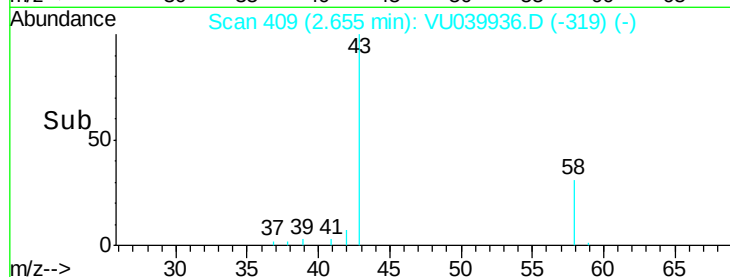
6000

4000

2000

0

Time-->



#17

Methyl tert-butyl Ether

Concen: 0.295 ug/L

RT: 3.38 min Scan# 634

Delta R.T. -0.00 min

Lab File: VU039936.D

Acq: 21 Aug 2020 18:26

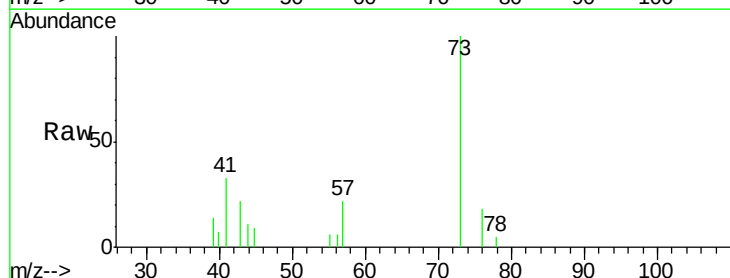
Tgt Ion: 73 Resp: 5158

Ion Ratio Lower Upper

73 100

43 12.4 16.6 24.8#

57 14.5 18.2 27.4#



Abundance Ion 73.10 (72.80 to 73.80): VU039936.D (-541) (-)

Ion 43.05 (42.75 to 43.75): VU039936.D (-541) (-)

Ion 57.10 (56.80 to 57.80): VU039936.D (-541) (-)

3.38

3000

2500

2000

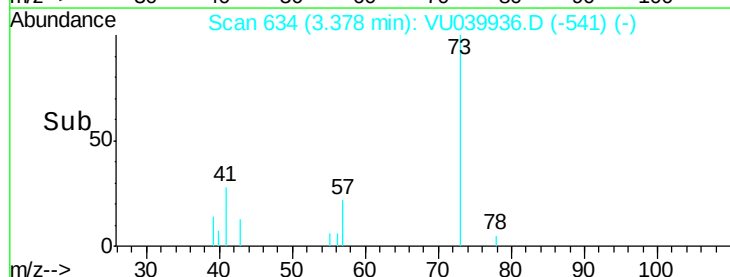
1500

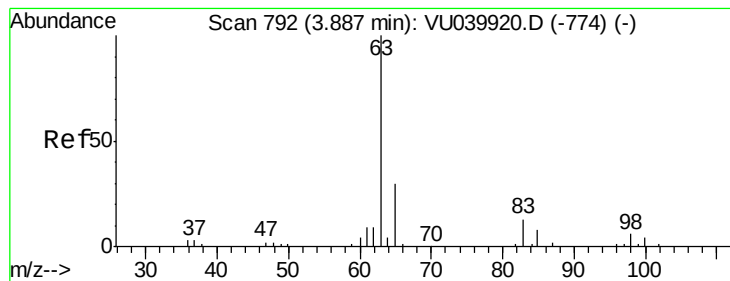
1000

500

0

Time-->





#19

1,1-Dichloroethane

Concen: 4.948 ug/L

RT: 3.89 min Scan# 793

Delta R.T. 0.00 min

Lab File: VU039936.D

Acq: 21 Aug 2020 18:26

Instrument :

MSVOA_U

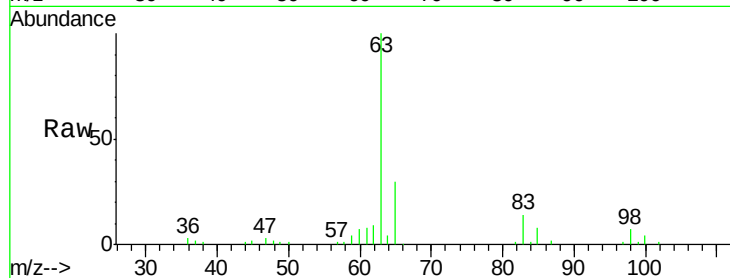
ClientSampleId :

F4Y12

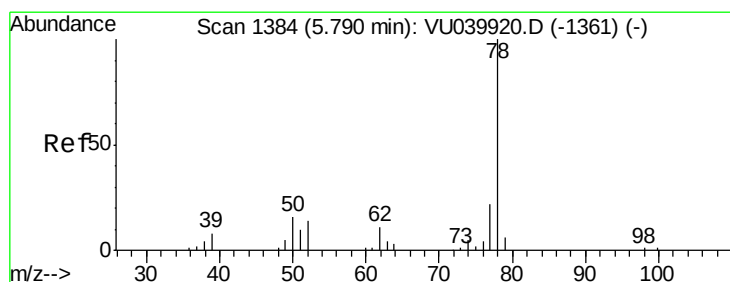
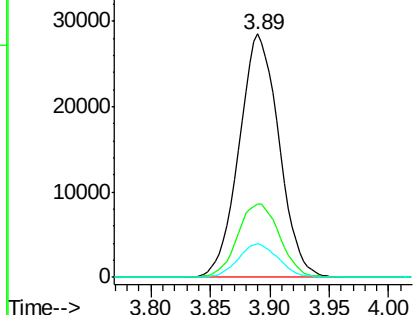
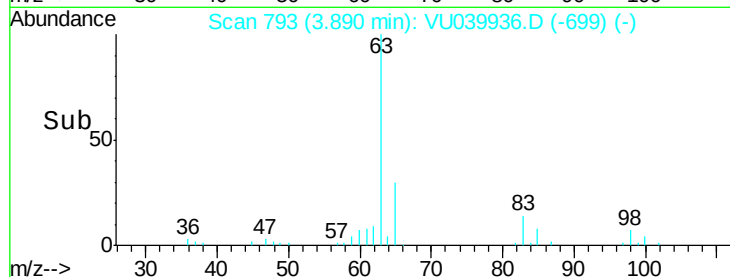
Tot Ion:	63	Resp:	66119
Ion Ratio	Lower	Upper	
63	100		
65	30.4	21.6	40.0
83	13.7	10.3	19.1

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Abundance Ion 63.10 (62.80 to 63.80): VU039936.D (-699) (-)



#33

Benzene

Concen: 0.300 ug/L

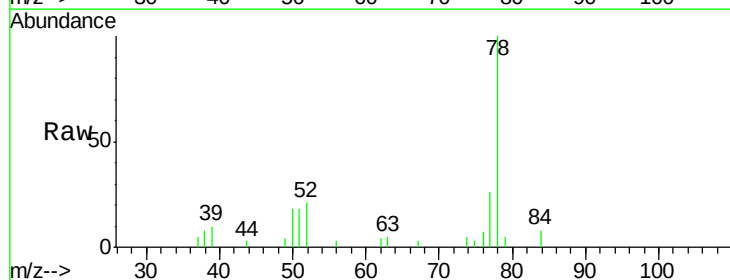
RT: 5.79 min Scan# 1384

Delta R.T. -0.00 min

Lab File: VU039936.D

Acq: 21 Aug 2020 18:26

Tgt Ion: 78 Resp: 7723



Abundance Ion 78.10 (77.80 to 78.80): VU039936.D (-1291) (-)

