

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
 Data File : VU039934.D
 Acq On : 21 Aug 2020 17:38
 Operator : SY/MD
 Sample : L3776-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y10

Manual Integrations
 APPROVED

sam
 8/24/2020 5:55:41 PM

Quant Time: Aug 22 02:29:32 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	75640	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	78908	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	34647	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28583	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.92	69	26057	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.58	63	39492	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.65	46	106812	50.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.18%
24) Chloroform-d	5.08	84	56831	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.72	65	32840	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.74	84	103097	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.70	67	37064	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.91	98	89569	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	8.19	79	13457	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.64	63	78886	47.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.60%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	31080	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	37611	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds				Ovalue
13) Acetone	2.65	43	35096m	24.325 ug/L
17) Methyl tert-butyl Ether	3.38	73	2553	0.153 ug/L # 91
19) 1,1-Dichloroethane	3.89	63	15612	1.226 ug/L 97

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

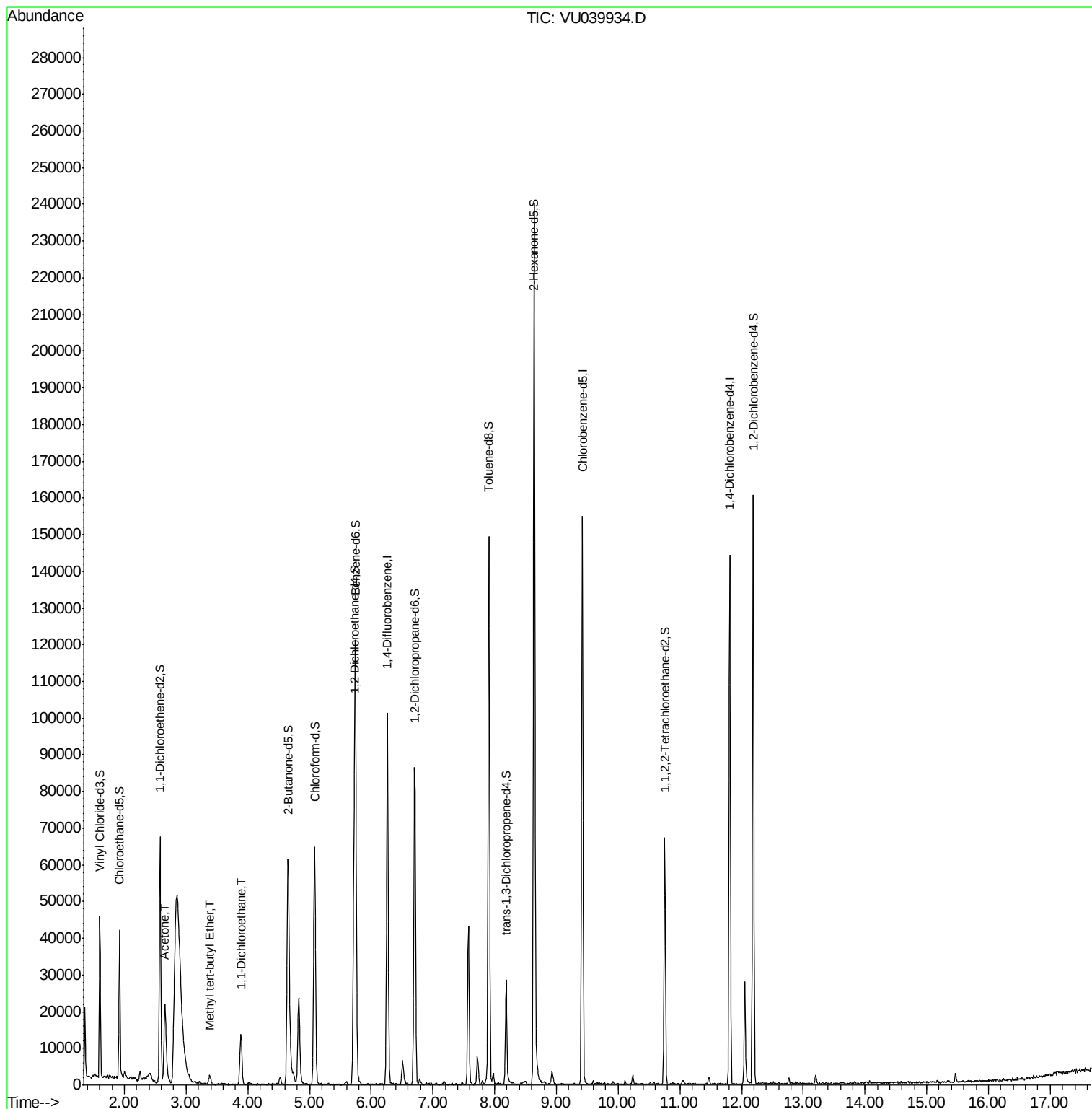
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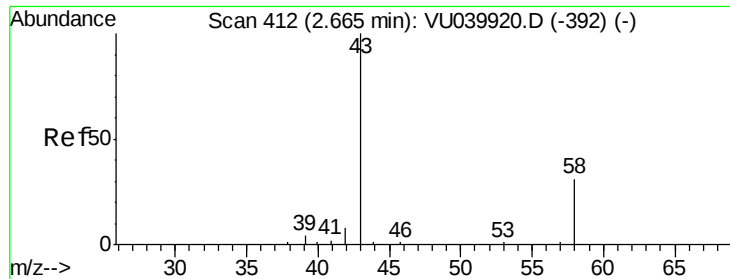
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Response via : Initial Calibration





#13

Acetone

Concen: 24.325 ug/L m

RT: 2.65 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU039934.D

Acq: 21 Aug 2020 17:38

Instrument :

MSVOA_U

ClientSampleId :

F4Y10

Tot Ion: 43 Resp: 35096

Ion Ratio Lower Upper

43 100

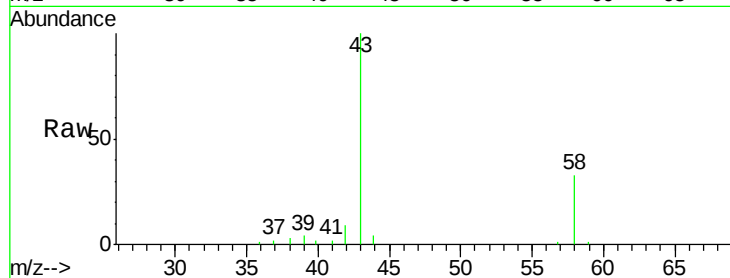
58 4.2 0.0 19.0

Manual Integrations

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Abundance Ion 43.05 (42.75 to 43.75): VU039934.D (-319) (-)

Ion 58.05 (57.75 to 58.75): VU039934.D (-319) (-)

15000

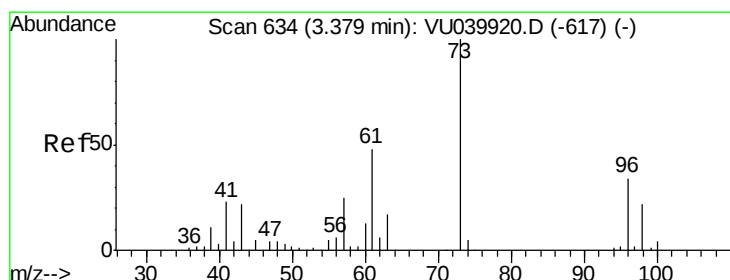
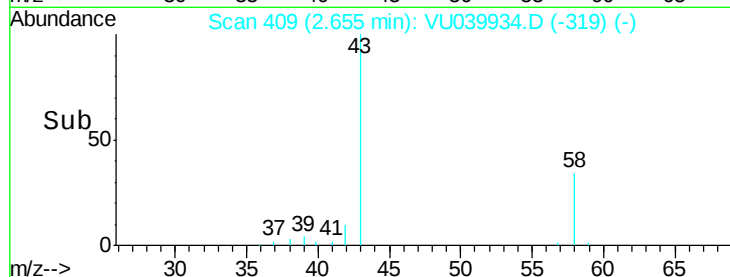
10000

5000

0

Time-->

2.60 2.65 2.70 2.75



#17

Methyl tert-butyl Ether

Concen: 0.153 ug/L

RT: 3.38 min Scan# 636

Delta R.T. 0.01 min

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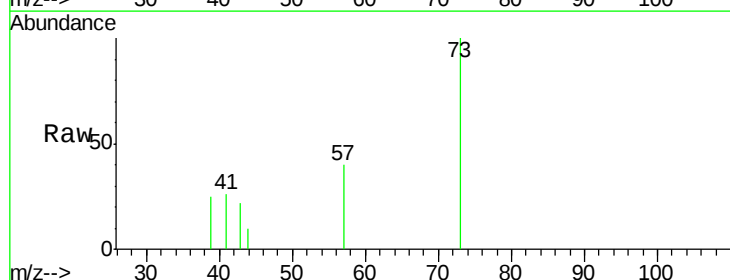
Tgt Ion: 73 Resp: 2553

Ion Ratio Lower Upper

73 100

43 19.7 16.6 24.8

57 29.8 18.2 27.4#



Abundance Ion 73.10 (72.80 to 73.80): VU039934.D (-541) (-)

Ion 43.05 (42.75 to 43.75): VU039934.D (-541) (-)

Ion 57.10 (56.80 to 57.80): VU039934.D (-541) (-)

1500

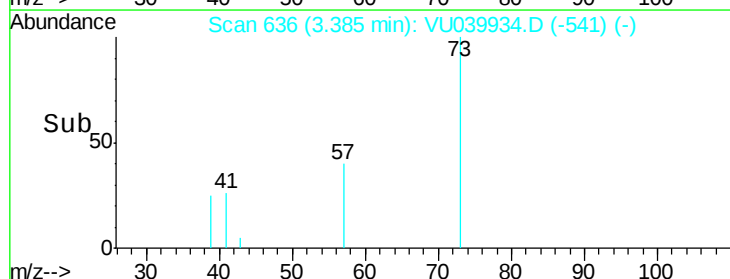
1000

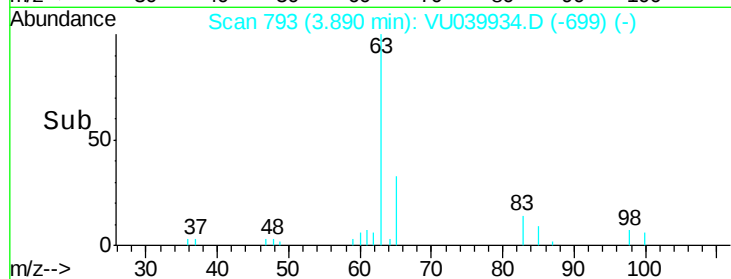
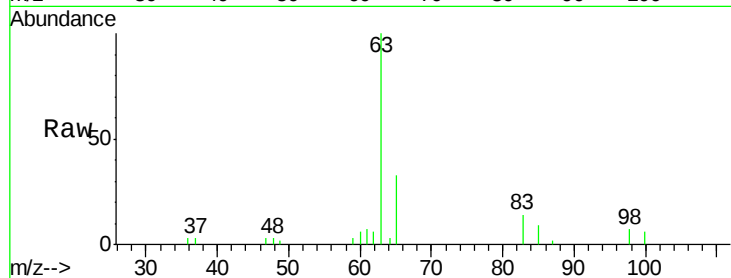
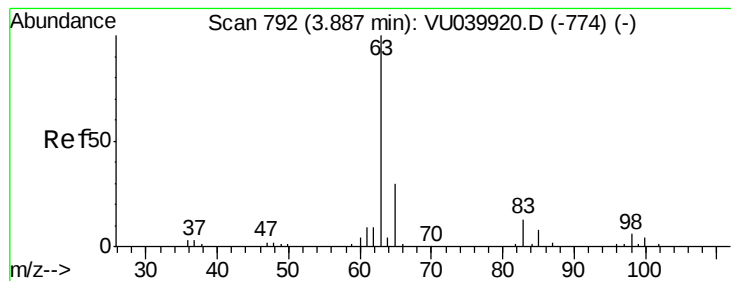
500

0

Time-->

3.35 3.40 3.45





#19

1,1-Dichloroethane

Concen: 1.226 ug/L

RT: 3.89 min Scan# 793

Delta R.T. 0.00 min

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Tot Ion:	63	Resp:	15612
Ion Ratio	Lower	Upper	
63	100		
65	32.6	21.6	40.0
83	14.2	10.3	19.1

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