

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052019\
 Data File : VU032162.D
 Acq On : 20 May 2019 18:14
 Operator : JC/SP
 Sample : K2888-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BP9

Manual Integrations
 APPROVED

MMDadoda
 5/21/2019 11:11:12 AM

Quant Time: May 21 09:04:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 21 08:29:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	350189	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	364402	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	149903	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	91111	3.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.80%
7) Chloroethane-d5	1.67	69	88283	3.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.00%
11) 1,1-Dichloroethene-d2	2.27	63	134745	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	4.19	46	246424	42.55	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.10%
24) Chloroform-d	4.64	84	202371	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.00%
26) 1,2-Dichloroethane-d4	5.31	65	103721	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
32) Benzene-d6	5.33	84	405970	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.00%
36) 1,2-Dichloropropane-d6	6.33	67	120018	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.80%
41) Toluene-d8	7.56	98	330168	3.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.40%#
43) trans-1,3-Dichloropropene-	7.85	79	40760	3.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.60%
46) 2-Hexanone-d5	8.31	63	209709	39.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	108043	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	134079	4.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.40%

Target Compounds					Ovalue
13) Acetone	2.32	43	125135	65.818 ug/L	98
21) 2-Butanone	4.30	43	8365m	3.065 ug/L	

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

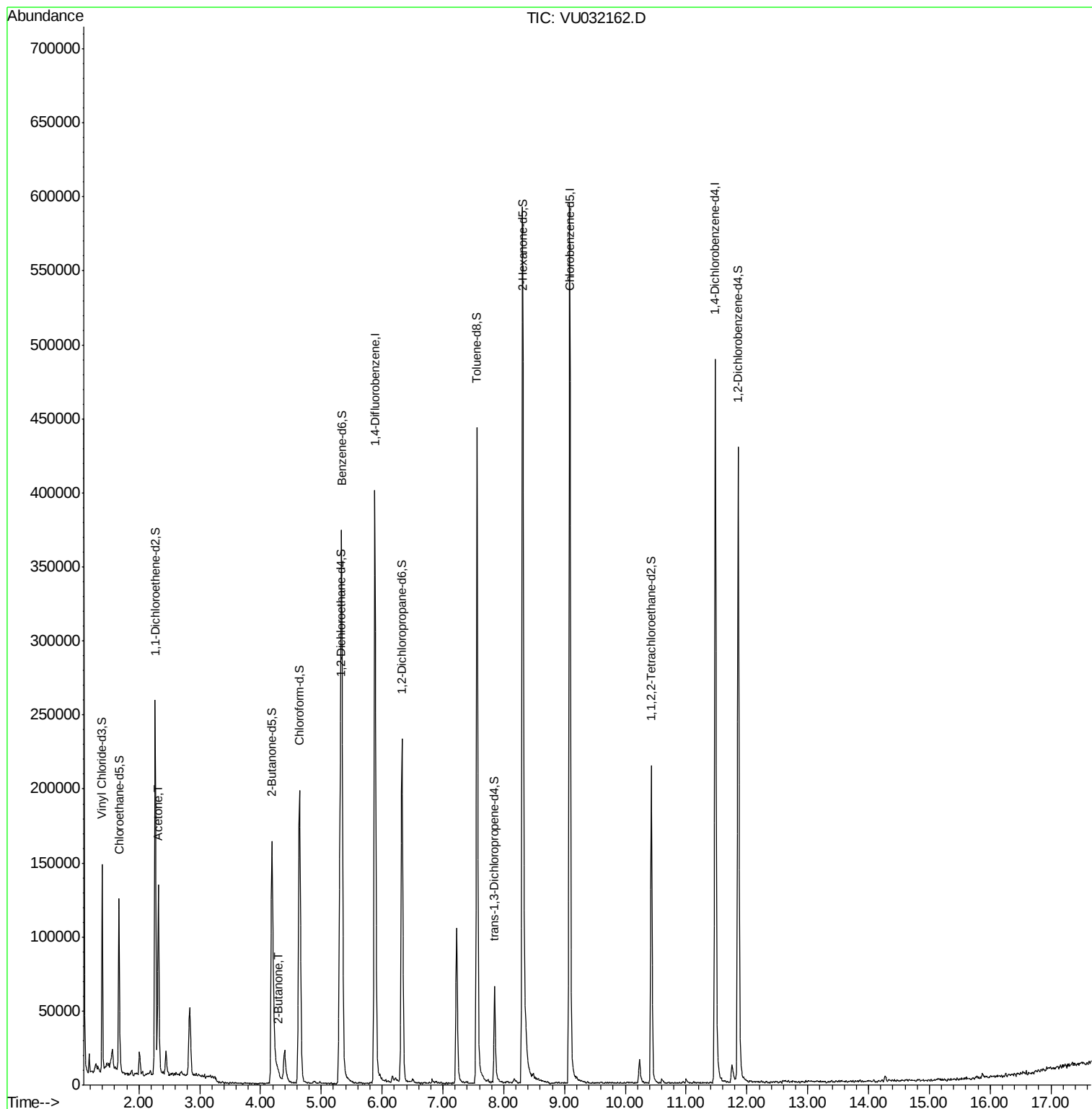
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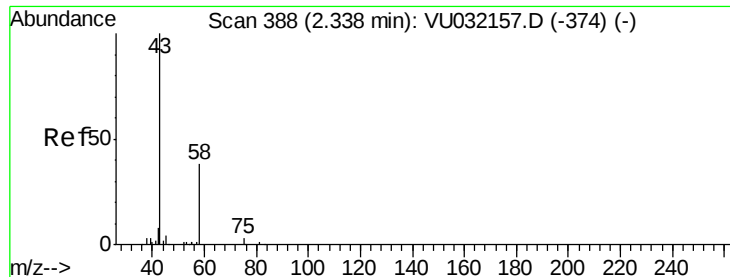
Instrument :
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#13

Acetone

Concen: 65.818 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.02 min

Lab File: VU032162.D

Acq: 20 May 2019 18:14

Instrument :

MSVOA_U

ClientSampled :

C0BP9

Tot Ion: 43 Resp: 125135

Ion Ratio Lower Upper

43 100

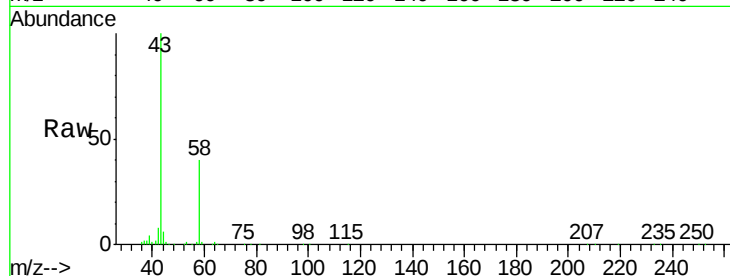
58 40.5 0.0 78.8

Manual Integrations

APPROVED

MMDadoda

5/21/2019 11:11:12 AM



Abundance Ion 43.05 (42.75 to 43.75): VU032157.D

Ion 58.05 (57.75 to 58.75): VU032157.D

80000

60000

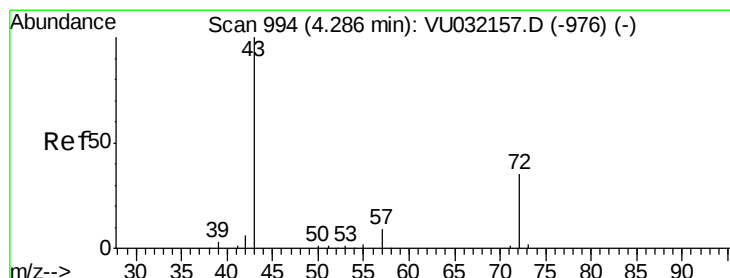
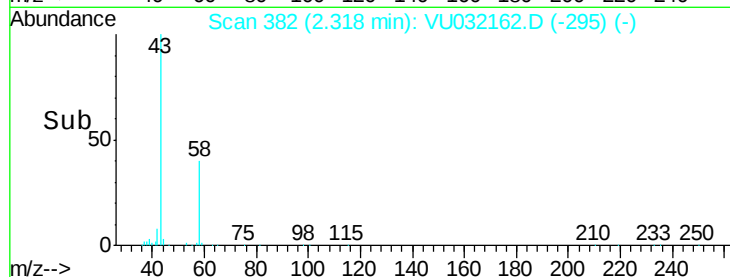
40000

20000

0

2.25 2.30 2.35 2.40

Time-->



#21

2-Butanone

Concen: 3.065 ug/L m

RT: 4.30 min Scan# 997

Delta R.T. 0.01 min

Lab File: VU032162.D

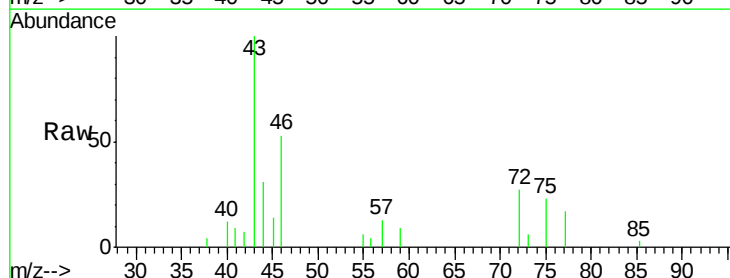
Acq: 20 May 2019 18:14

Tgt Ion: 43 Resp: 8365

Ion Ratio Lower Upper

43 100

72 30.4 16.8 50.3



Abundance Ion 43.05 (42.75 to 43.75): VU032157.D

Ion 72.10 (71.80 to 72.80): VU032157.D

3000

2000

1000

0

4.25 4.30

Time-->

