

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
 Data File : VU032067.D
 Acq On : 16 May 2019 22:44
 Operator : JC/SP
 Sample : K2850-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W09

Quant Time: May 17 08:25:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 17 07:17:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	398650	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	414253	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	154183	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	149022	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.68	69	128709	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.27	63	211334	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	4.20	46	275994	41.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.72%
24) Chloroform-d	4.64	84	257549	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.31	65	131439	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	5.33	84	536432	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.33	67	158791	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	7.56	98	450793	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	7.85	79	50825	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.31	63	238798	39.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	125209	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	159871	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

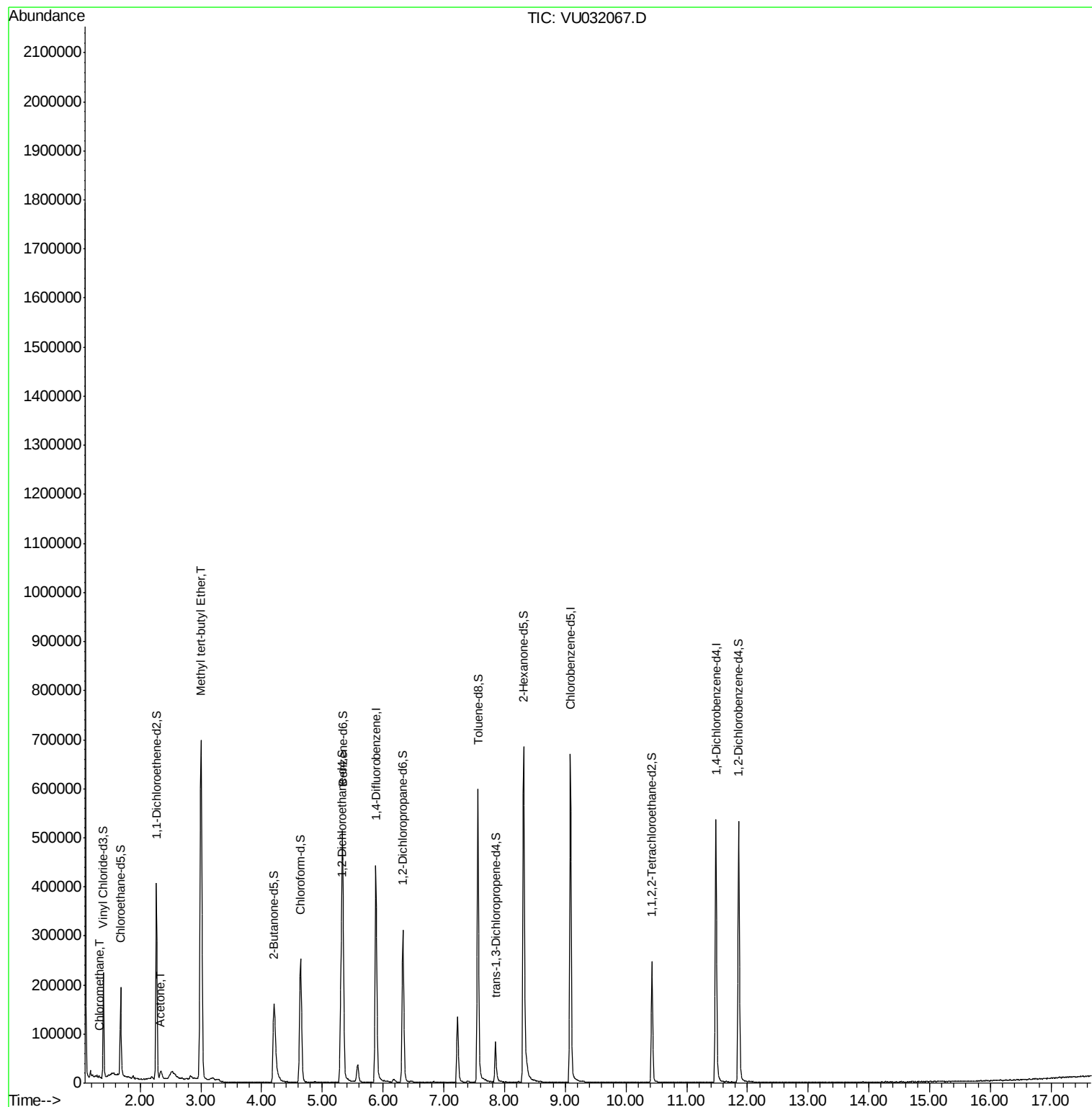
Target Compounds					Ovalue
3) Chloromethane	1.32	50	3195	0.167 ug/L	95
13) Acetone	2.34	43	17978	8.307 ug/L	100
17) Methyl tert-butyl Ether	3.00	73	805677	21.406 ug/L	98

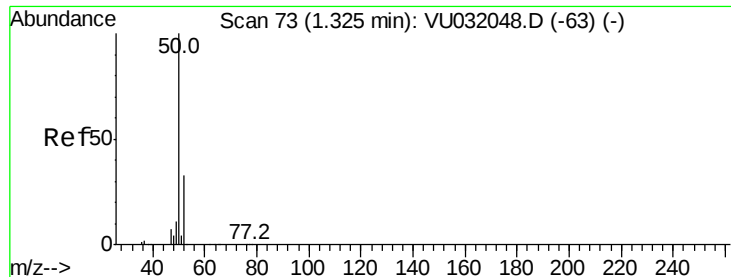
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.167 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032067.D

Acq: 16 May 2019 22:44

Instrument :

MSVOA_U

ClientSampleId :

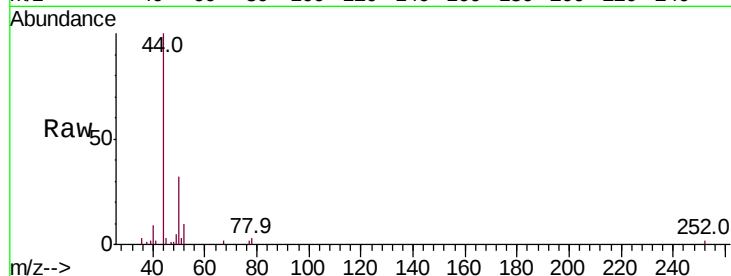
F9W09

Tot Ion: 50 Resp: 3195

Ion Ratio Lower Upper

50 100

52 30.4 23.2 43.0



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.32

2500

2000

1500

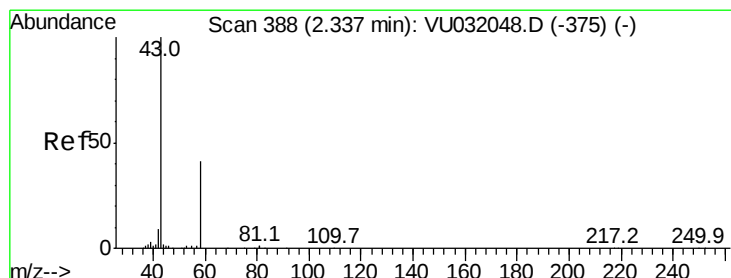
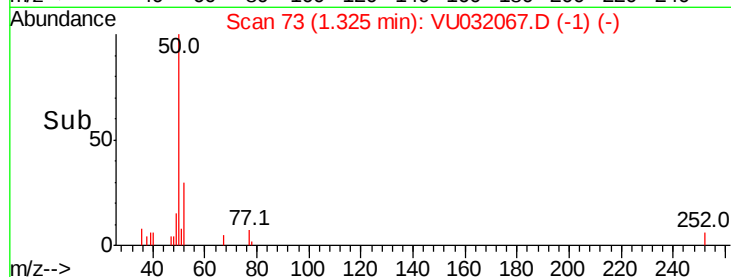
1000

500

0

Time-->

1.30 1.35



#13

Acetone

Concen: 8.307 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

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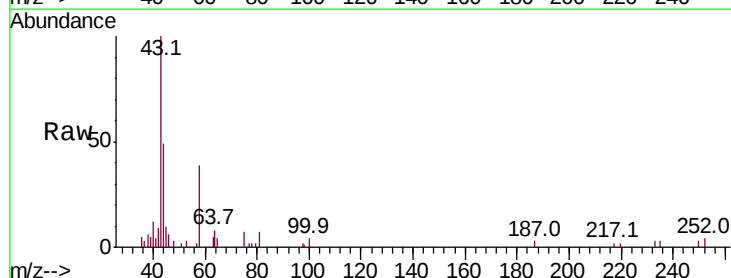
Acq: 16 May 2019 22:44

Tgt Ion: 43 Resp: 17978

Ion Ratio Lower Upper

43 100

58 39.6 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.34

8000

6000

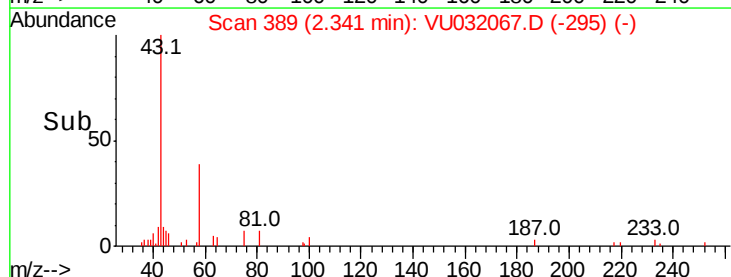
4000

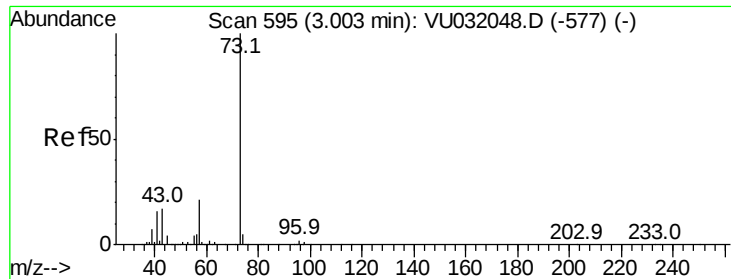
2000

0

Time-->

2.30 2.35 2.40





#17
Methvl tert-butvl Ether
Concen: 21.406 ug/L
RT: 3.00 min Scan# 595
Delta R.T. 0.00 min
Lab File: VU032067.D
Acq: 16 May 2019 22:44

Instrument :
MSVOA_U
ClientSampleId :
F9W09

Tot Ion	Ratio	Lower	Upper
73	100		
43	16.1	13.0	19.6
57	20.9	17.9	26.9

