

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
 Data File : VU032072.D
 Acq On : 17 May 2019 00:49
 Operator : JC/SP
 Sample : K2850-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W14

Quant Time: May 17 08:38:54 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	387781	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	407421	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	161203	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	144791	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.68	69	120677	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.27	63	203865	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	4.21	46	270250	42.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.28%
24) Chloroform-d	4.64	84	255303	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.31	65	130688	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.33	84	527640	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.33	67	152462	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.00%
41) Toluene-d8	7.56	98	446144	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	7.85	79	49601	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
46) 2-Hexanone-d5	8.31	63	232009	39.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	120130	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	161098	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

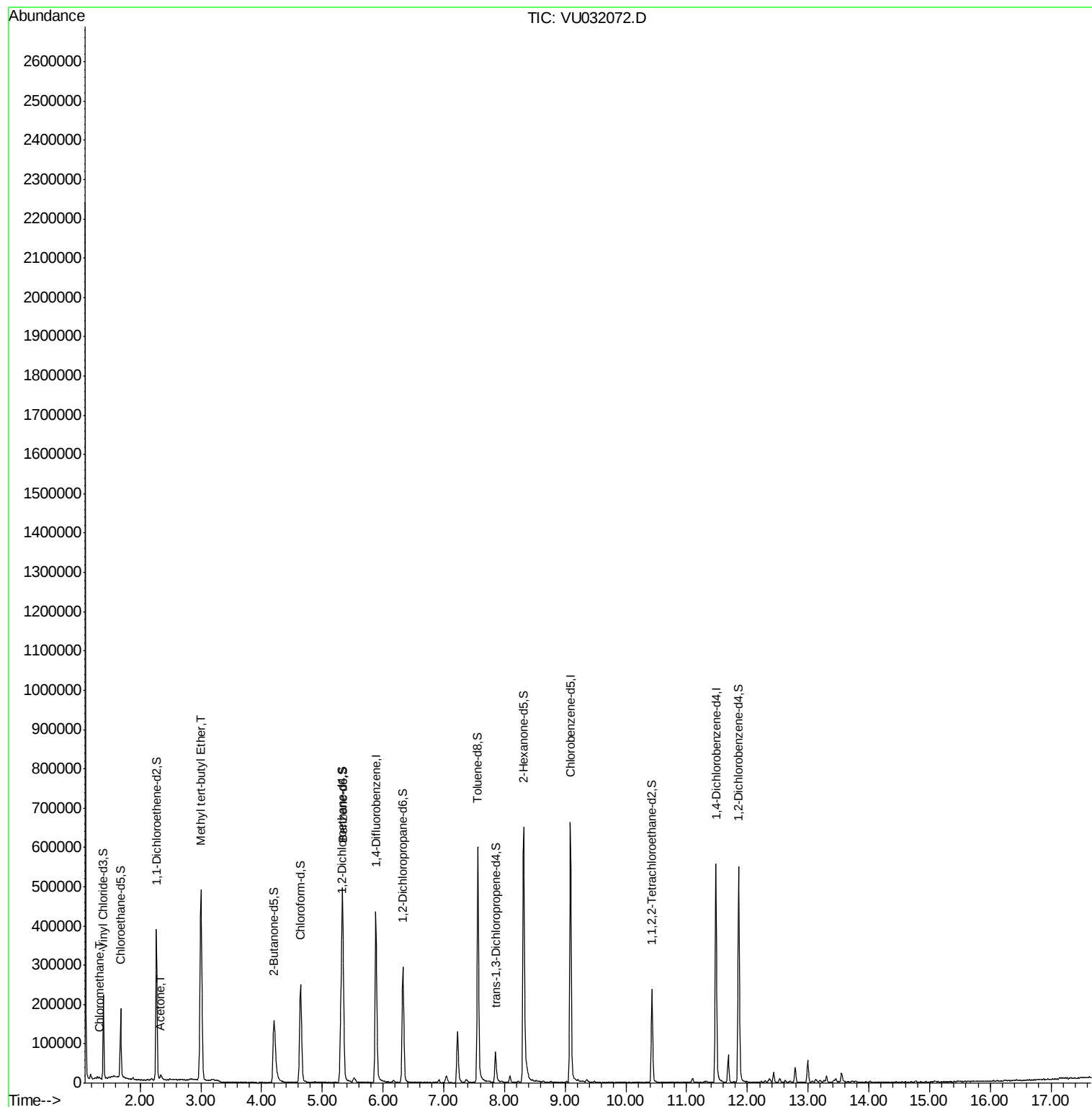
Target Compounds					Ovalue
3) Chloromethane	1.32	50	3952	0.212 ug/L	100
13) Acetone	2.35	43	10479	4.977 ug/L	95
17) Methyl tert-butyl Ether	3.00	73	561515	15.337 ug/L	97

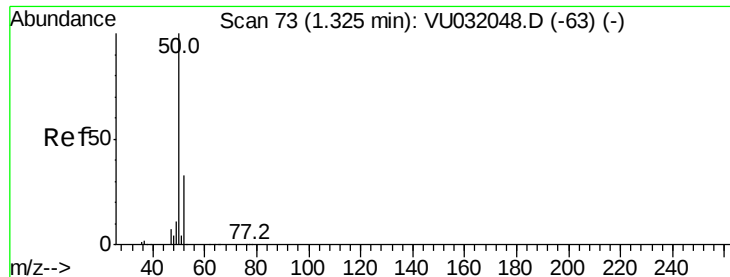
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.212 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

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Acq: 17 May 2019 00:49

Instrument :

MSVOA_U

ClientSampleId :

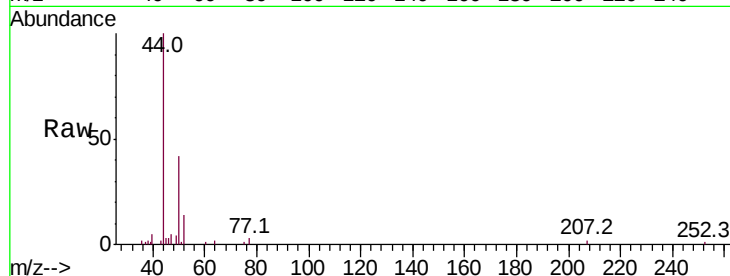
F9W14

Tot Ion: 50 Resp: 3952

Ion Ratio Lower Upper

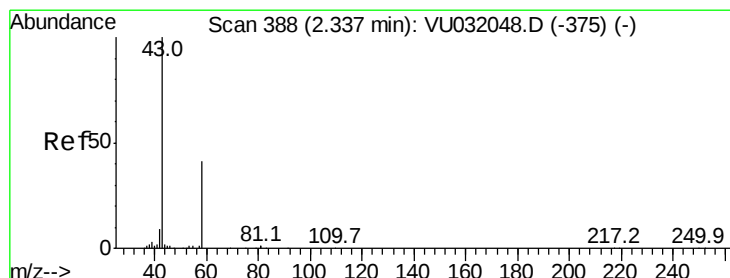
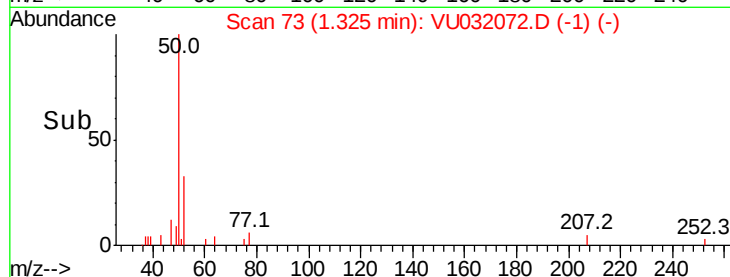
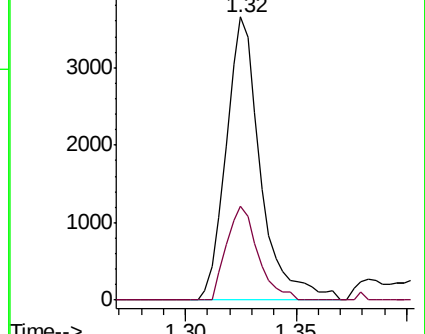
50 100

52 33.2 23.2 43.0



Abundance Ion 50.05 (49.75 to 50.75): VU032048.D (-63) (-)

Ion 52.05 (51.75 to 52.75): VU032048.D (-63) (-)



#13

Acetone

Concen: 4.977 ug/L

RT: 2.35 min Scan# 391

Delta R.T. 0.01 min

Lab File: VU032072.D

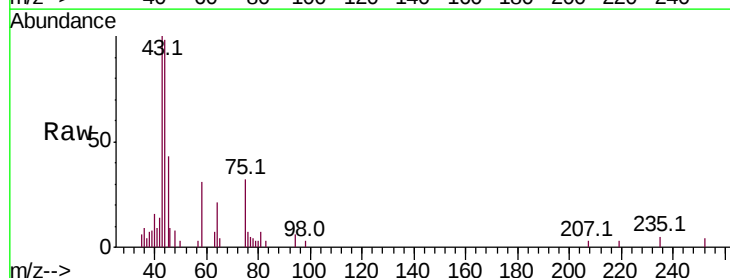
Acq: 17 May 2019 00:49

Tgt Ion: 43 Resp: 10479

Ion Ratio Lower Upper

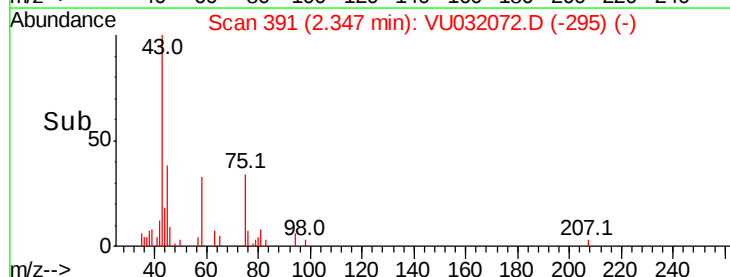
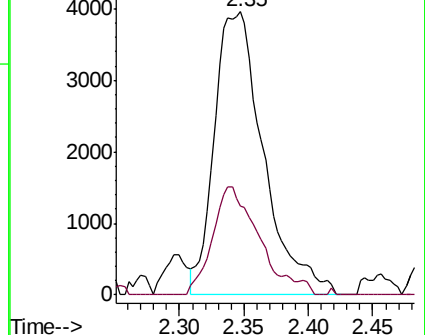
43 100

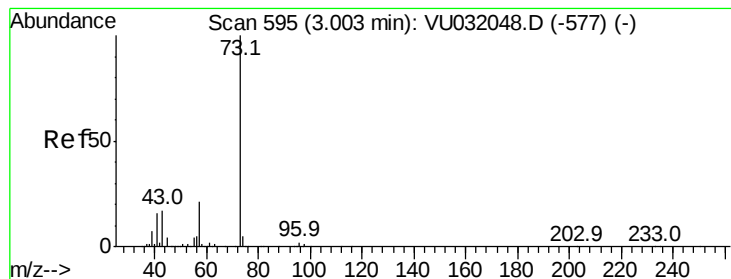
58 36.4 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032048.D (-375) (-)

Ion 58.05 (57.75 to 58.75): VU032048.D (-375) (-)





#17

Methvl tert-butvl Ether

Concen: 15.337 ug/L

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

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Tot Ion: 73 Resp: 561515

Ion Ratio Lower Upper

73 100

43 15.0 13.0 19.6

57 21.0 17.9 26.9

