

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
 Data File : VU032073.D
 Acq On : 17 May 2019 01:14
 Operator : JC/SP
 Sample : K2850-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W15

Quant Time: May 17 08:41:43 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	389862	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	400878	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	153202	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	147110	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.68	69	127753	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.27	63	209465	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	4.20	46	268720	41.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.36%
24) Chloroform-d	4.64	84	263342	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.31	65	134232	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.33	84	536580	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.33	67	155588	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.56	98	450501	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.85	79	52509	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.31	63	233762	40.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	122181	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	159137	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

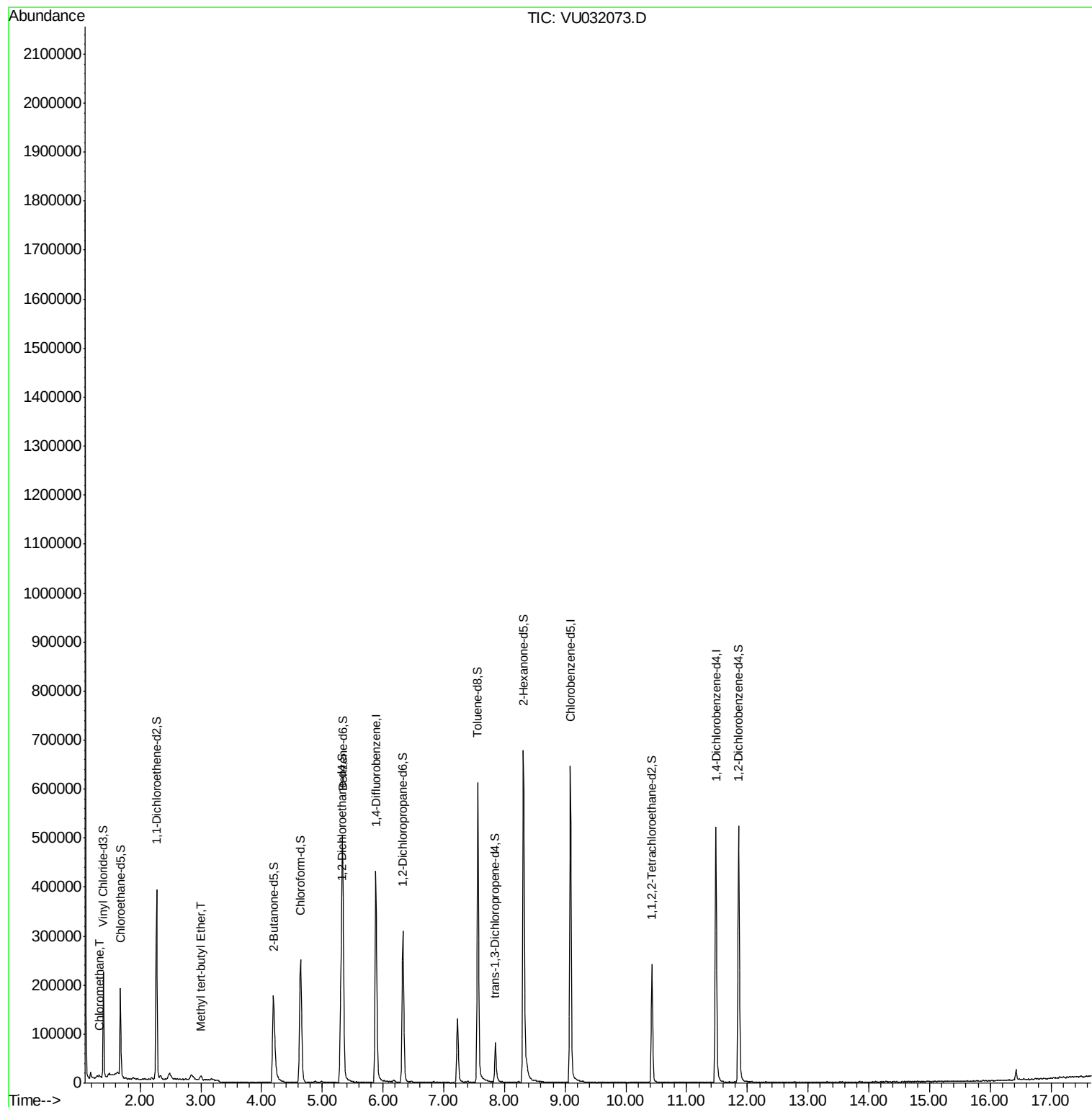
Target Compounds					Ovalue
3) Chloromethane	1.32	50	3040	0.162 ug/L	91
17) Methyl tert-butyl Ether	3.00	73	8132	0.221 ug/L	98

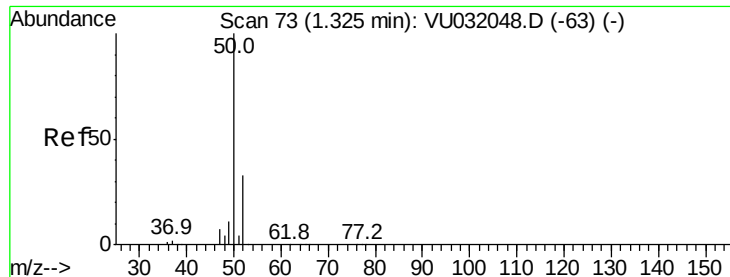
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.162 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032073.D

Acq: 17 May 2019 01:14

Instrument :

MSVOA_U

ClientSampled :

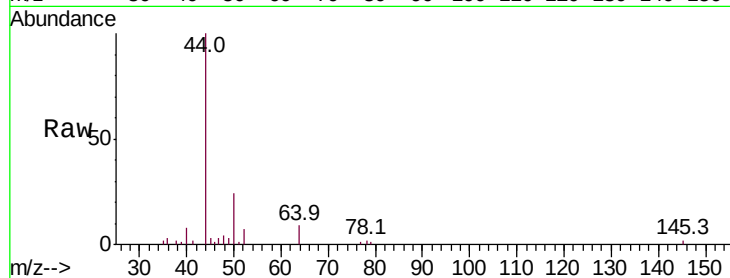
F9W15

Tot Ion: 50 Resp: 3040

Ion Ratio Lower Upper

50 100

52 27.8 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) (-)

1.32

2500

2000

1500

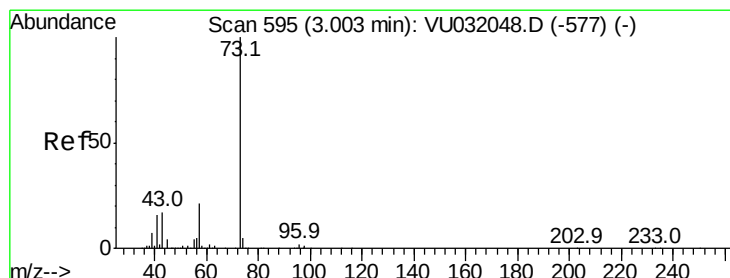
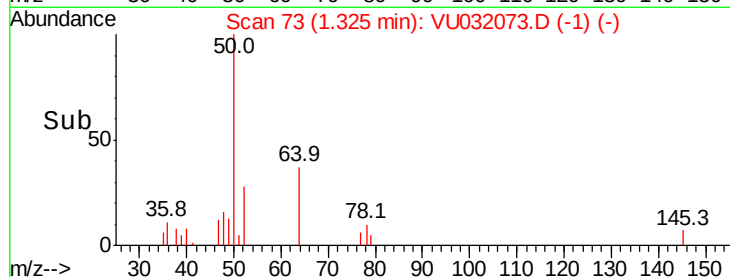
1000

500

0

1.30 1.35

Time-->



#17

Methyl tert-butyl Ether

Concen: 0.221 ug/L

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

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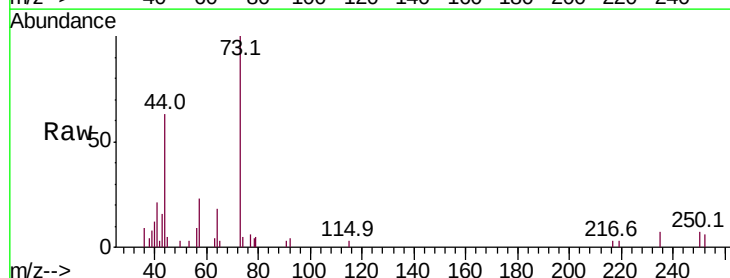
Tgt Ion: 73 Resp: 8132

Ion Ratio Lower Upper

73 100

43 15.1 13.0 19.6

57 23.0 17.9 26.9



Abundance Ion 73.10 (72.80 to 73.80): VU032048.D (-577) (-)

Ion 43.05 (42.75 to 43.75): VU032048.D (-577) (-)

Ion 57.10 (56.80 to 57.80): VU032048.D (-577) (-)

3.00

5000

4000

3000

2000

1000

0

2.95 3.00 3.05

Time-->

