

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
 Data File : VU025553.D
 Acq On : 20 Jul 2018 19:40
 Operator : MD/SY
 Sample : J4097-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 21 02:54:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 02:53:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	324425	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	294971	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	135899	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80981	43.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.44%
7) Chloroethane-d5	1.68	69	68933	45.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.24%
11) 1,1-Dichloroethene-d2	2.27	63	127082	32.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.92%
21) 2-Butanone-d5	4.18	46	145438	101.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.71%
24) Chloroform-d	4.65	84	184803	44.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.31	65	127122	46.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.18%
32) Benzene-d6	5.35	84	364379	48.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.32%
36) 1,2-Dichloropropane-d6	6.34	67	116689	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.74%
41) Toluene-d8	7.57	98	333383	45.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.90%
43) trans-1,3-Dichloropropene-	7.85	79	57625	46.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.56%
47) 2-Hexanone-d5	8.31	63	107695	105.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.51%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	161465	47.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	135507	49.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

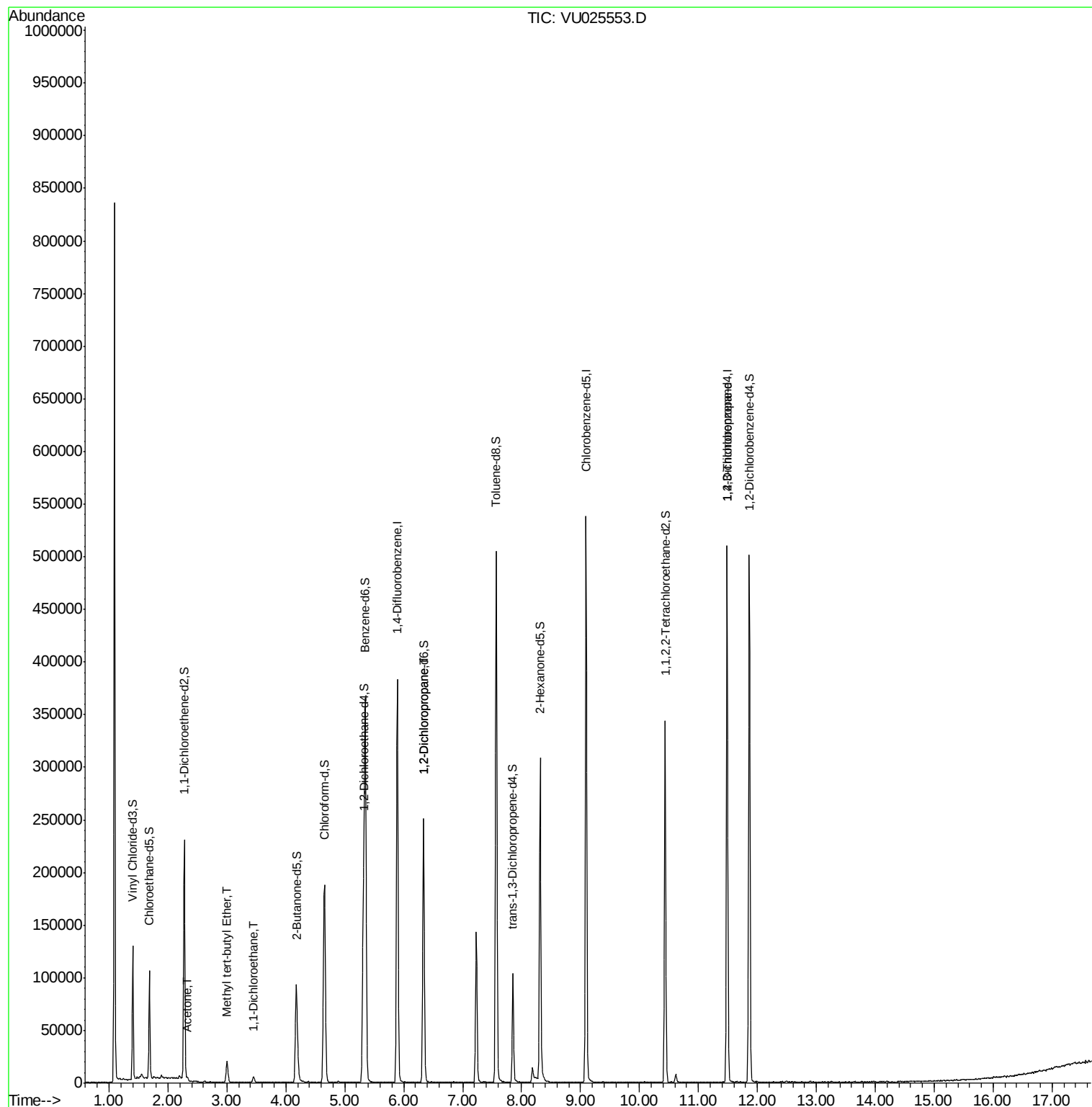
					Ovalue
13) Acetone	2.32	43	2314	1.379 ug/L	90
18) Methyl tert-butyl Ether	3.00	73	20539	2.992 ug/L	99
19) 1,1-Dichloroethane	3.45	63	6801	1.696 ug/L	91
37) 1,2-Dichloropropane	6.34	63	13909	6.005 ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	14479	5.322 ug/L #	80

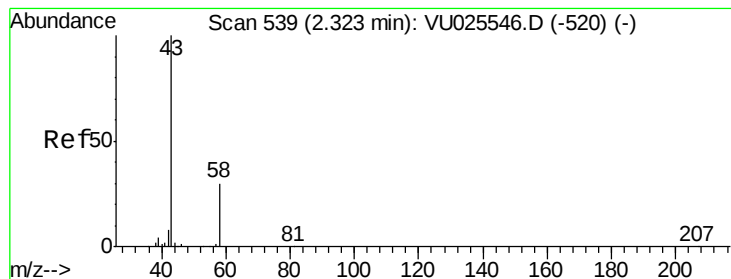
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.379 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025553.D

Acq: 20 Jul 2018 19:40

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MSVOA_U

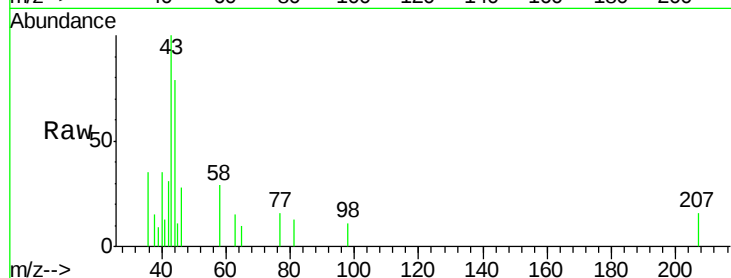
ClientSampled :

Tot Ion: 43 Resp: 2314

Ion Ratio Lower Upper

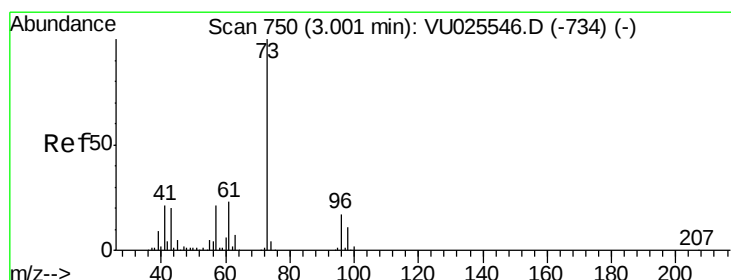
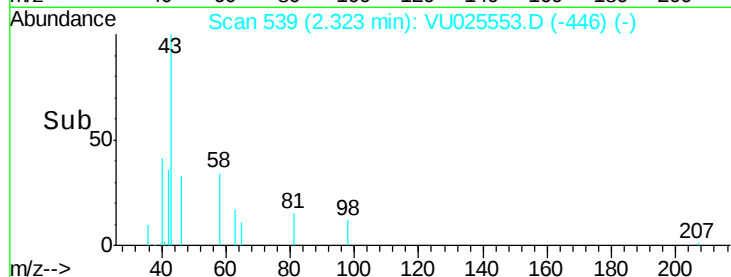
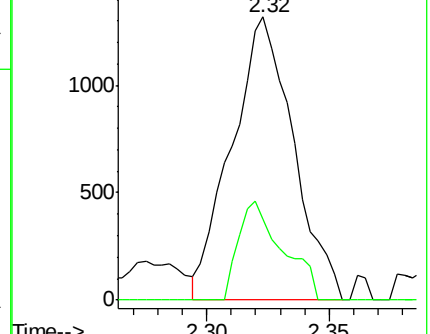
43 100

58 25.2 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#18

Methyl tert-butyl Ether

Concen: 2.992 ug/L

RT: 3.00 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU025553.D

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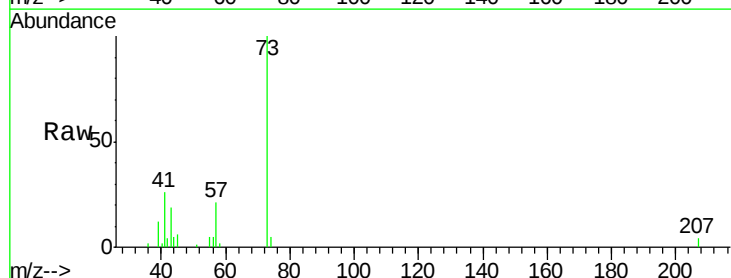
Tgt Ion: 73 Resp: 20539

Ion Ratio Lower Upper

73 100

43 20.8 16.2 24.2

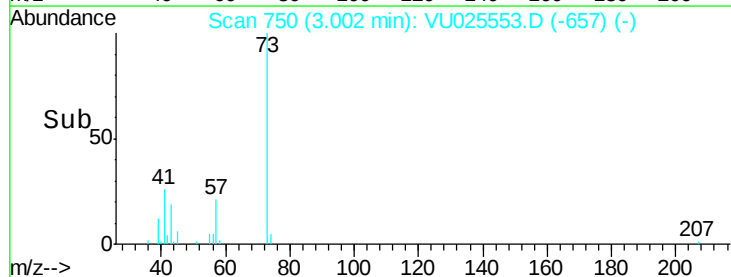
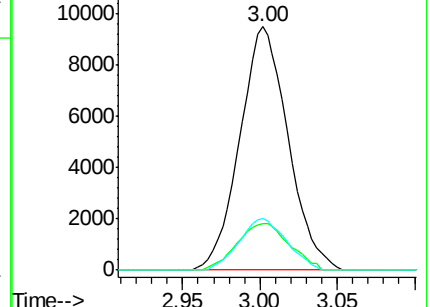
57 20.9 17.1 25.7

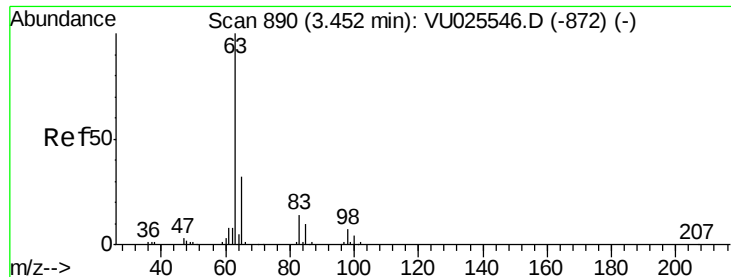


Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#19

1,1-Dichloroethane

Concen: 1.696 ug/L

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025553.D

Acq: 20 Jul 2018 19:40

Instrument :

MSVOA_U

ClientSampleId :

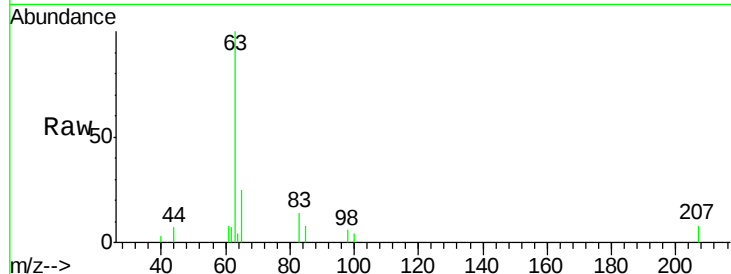
Tot Ion: 63 Resp: 6801

Ion Ratio Lower Upper

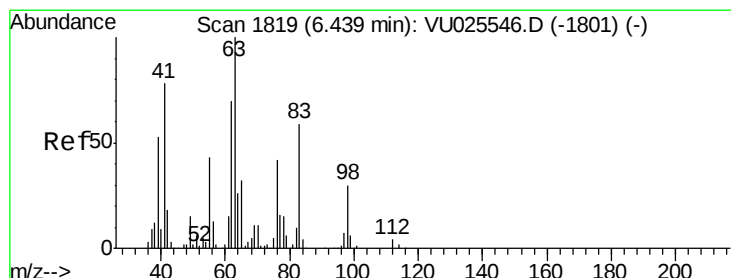
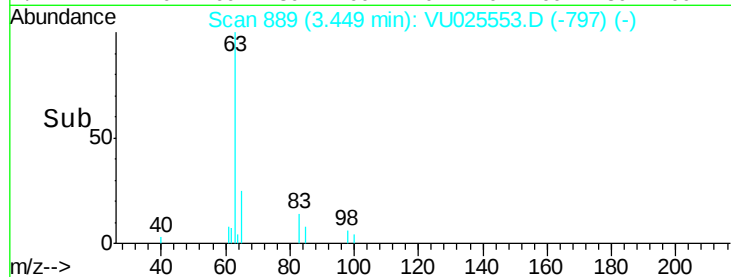
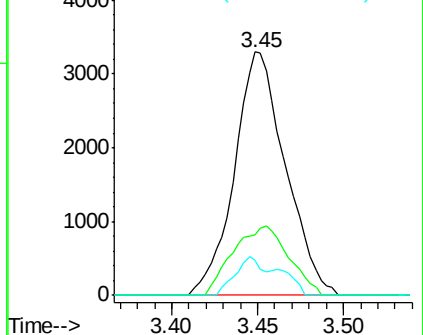
63 100

65 25.1 22.0 41.0

83 14.5 9.6 17.8



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 65.00 (64.70 to 65.70): VU0
Ion 83.00 (82.70 to 83.70): VU0



#37

1,2-Dichloropropane

Concen: 6.005 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU025553.D

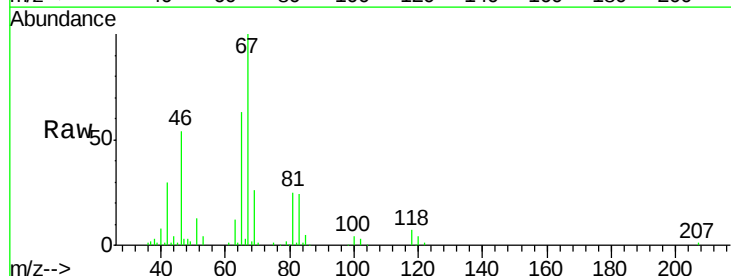
Acq: 20 Jul 2018 19:40

Tgt Ion: 63 Resp: 13909

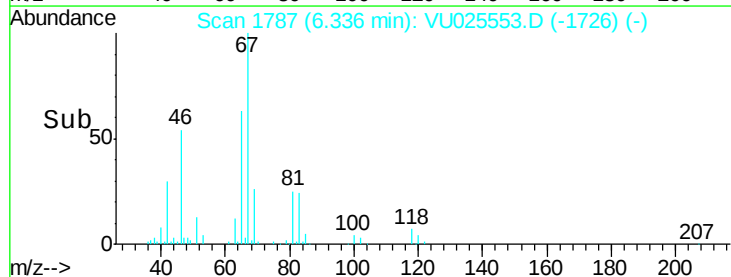
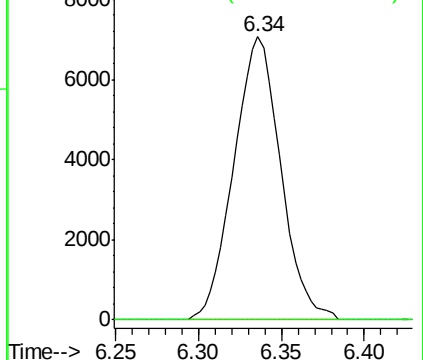
Ion Ratio Lower Upper

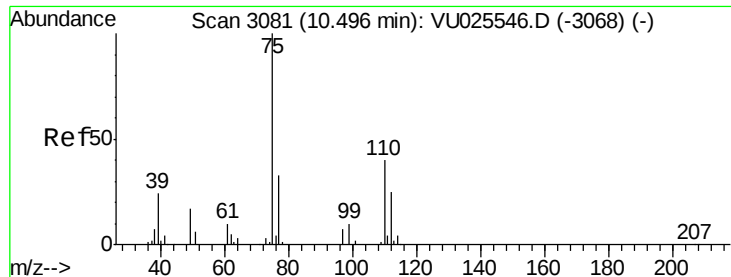
63 100

112 0.0 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 5.322 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU025553.D

Acq: 20 Jul 2018 19:40

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 14479

Ion Ratio Lower Upper

75 100

77 43.3 25.8 38.8#

