

Data File : VU029640.D
Acq On : 22 Feb 2019 23:12
Operator : JC/SP
Sample : K1581-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB621

Quant Time: Feb 23 00:06:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 23:08:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	463052	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	440072	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	211474	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	87556	25.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	51.60%#
7) Chloroethane-d5	1.68	69	81182	26.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	53.82%#
11) 1,1-Dichloroethene-d2	2.27	63	121412	18.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	36.62%#
21) 2-Butanone-d5	4.18	46	148230	71.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.79%
24) Chloroform-d	4.65	84	171395	31.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	62.28%#
26) 1,2-Dichloroethane-d4	5.31	65	112704	32.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.70%#
32) Benzene-d6	5.34	84	354986	32.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.12%#
36) 1,2-Dichloropropane-d6	6.33	67	113948	34.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	68.40%#
41) Toluene-d8	7.56	98	315160	27.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	55.78%#
43) trans-1,3-Dichloropropene-	7.85	79	49328	27.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.82%#
47) 2-Hexanone-d5	8.31	63	121550	65.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	65.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	183689	32.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	65.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	138576	30.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	60.82%#

Target Compounds

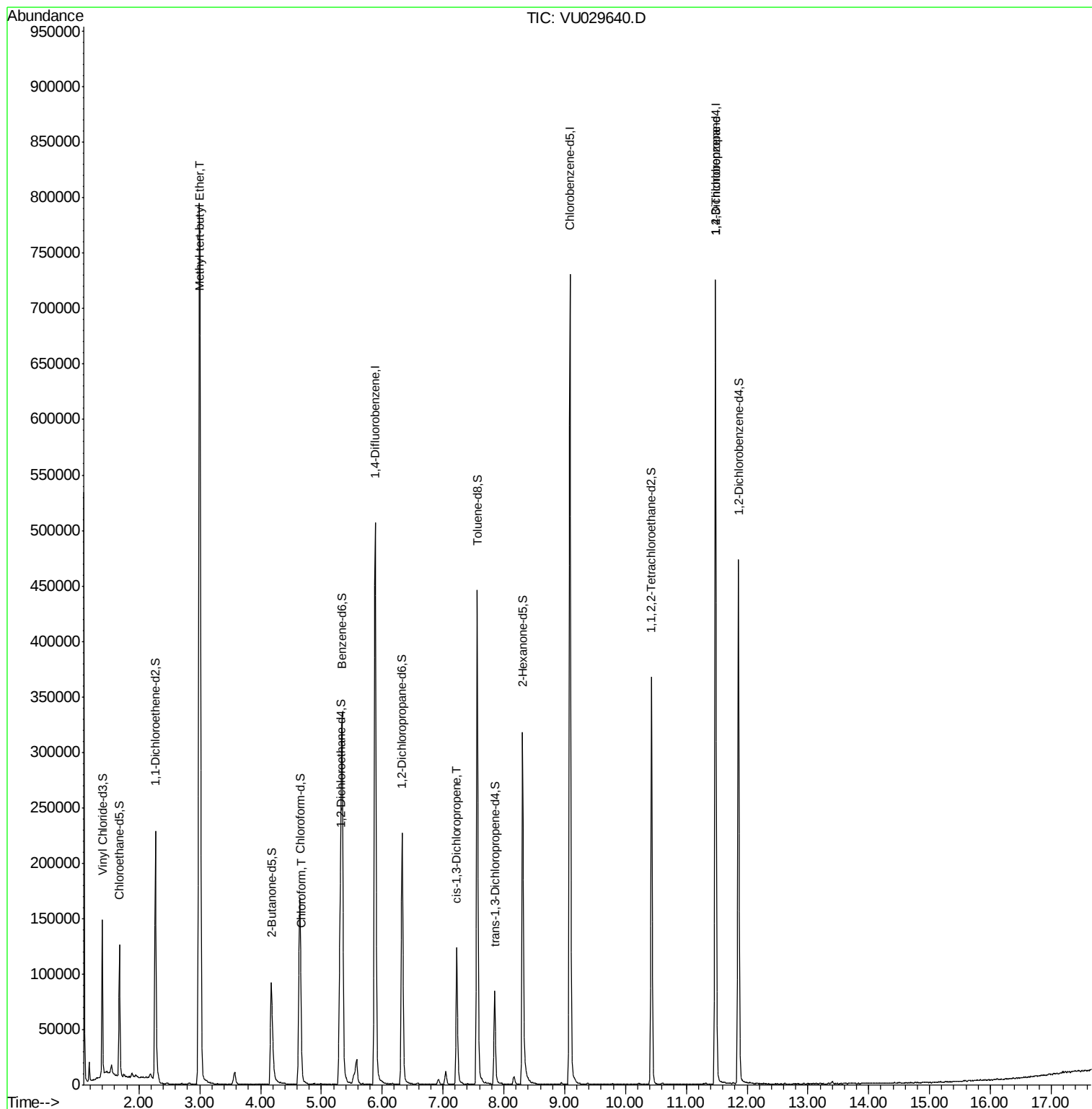
						Qvalue
18) Methyl tert-butyl Ether	3.00	73	881616	100.614	ug/L	99
25) Chloroform	4.67	83	4480	0.820	ug/L	99
39) cis-1,3-Dichloropropene	7.23	75	2874	0.601	ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	21165	5.012	ug/L	92

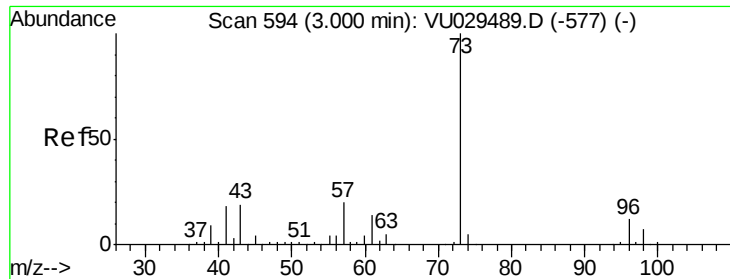
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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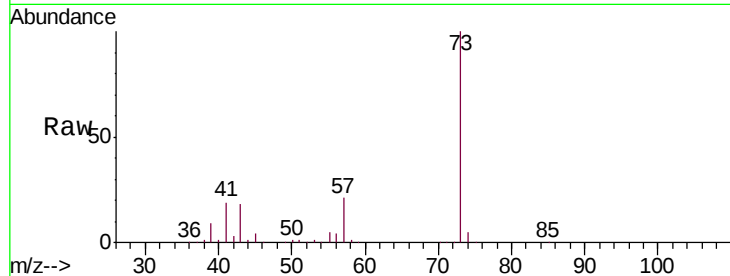




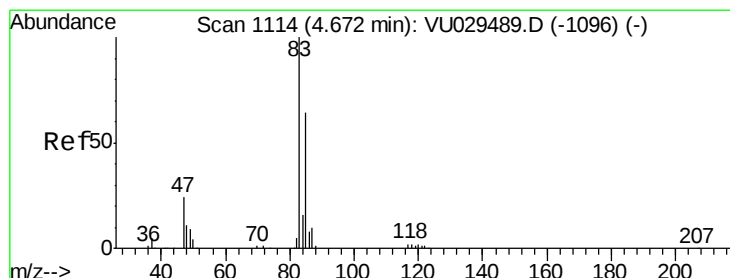
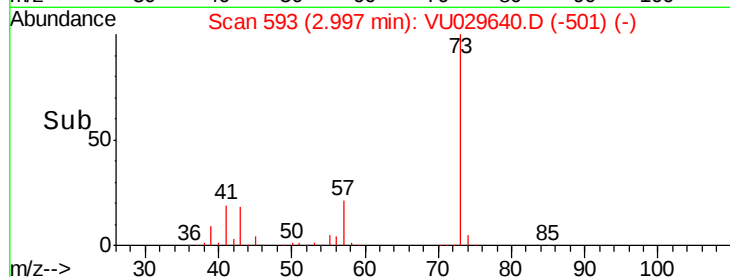
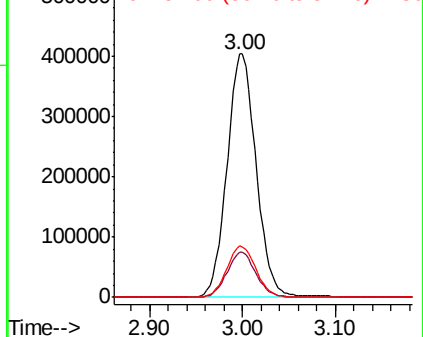
#18
Methyl tert-butyl Ether
Concen: 100.614 ug/L
RT: 3.00 min Scan# 593
Delta R.T. -0.00 min
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DB621

Tgt Ion: 73 Resp: 881616
Ion Ratio Lower Upper
73 100
43 18.5 14.8 22.2
57 21.3 16.5 24.7

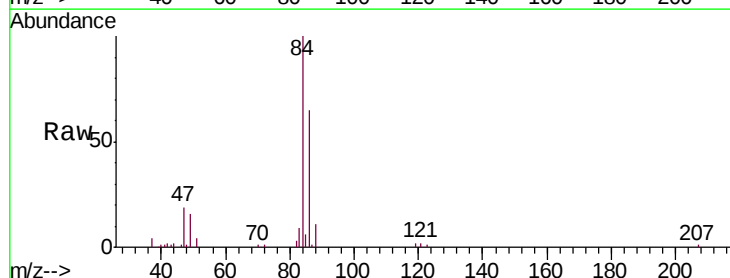


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 57.00 (56.70 to 57.70): VU0

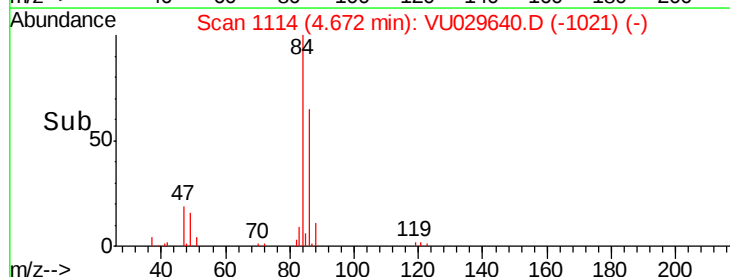
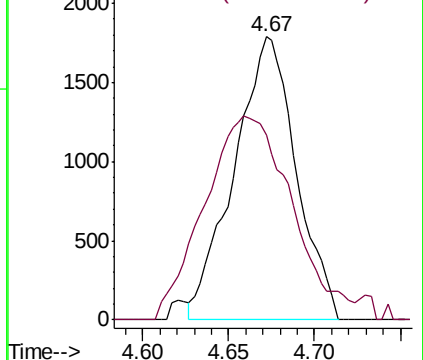


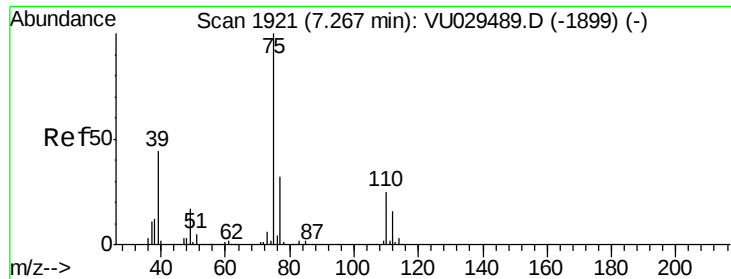
#25
Chloroform
Concen: 0.820 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029640.D
Acq: 22 Feb 2019 23:12

Tgt Ion: 83 Resp: 4480
Ion Ratio Lower Upper
83 100
85 65.3 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0





#39

cis-1,3-Dichloropropene

Concen: 0.601 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

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Instrument :

MSVOA_U

ClientSampleId :

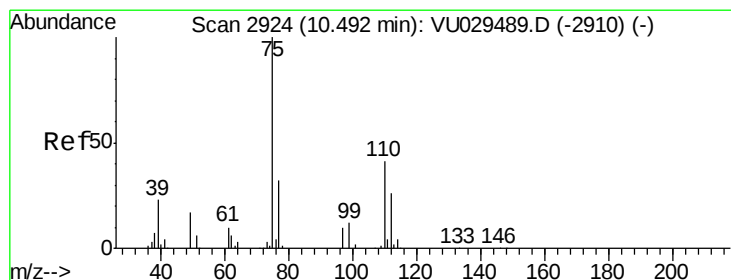
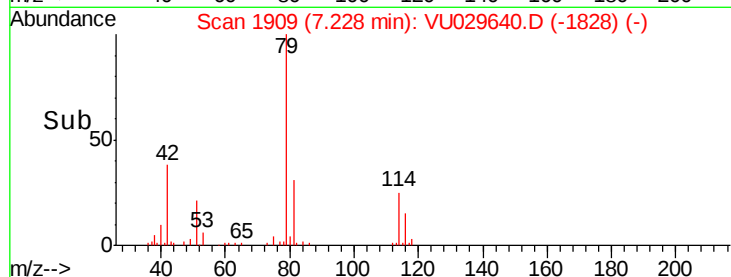
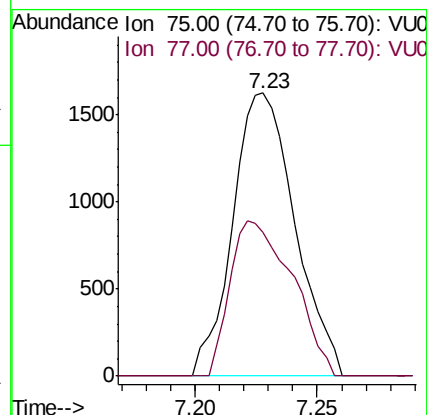
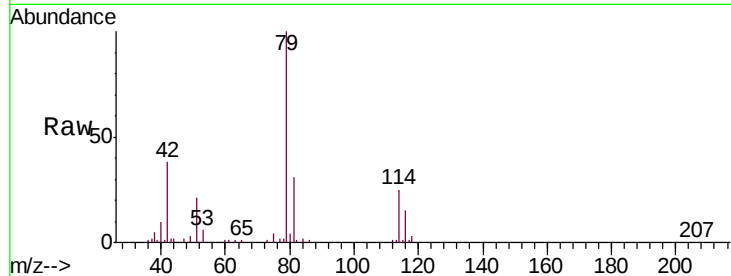
DB621

Tgt Ion: 75 Resp: 2874

Ion Ratio Lower Upper

75 100

77 50.9 22.3 41.5#



#59

1,2,3-Trichloropropane

Concen: 5.012 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029640.D

Acq: 22 Feb 2019 23:12

Tgt Ion: 75 Resp: 21165

Ion Ratio Lower Upper

75 100

77 36.4 25.7 38.5

