

Data File : VU028261.D
Acq On : 19 Nov 2018 18:02
Operator : MD/SY
Sample : J5986-11DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FJ6DL

Quant Time: Nov 26 04:34:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	127829	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	121722	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	52524	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41817	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.68	69	37549	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.28	63	61727	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.20	46	155601	48.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.68%
24) Chloroform-d	4.65	84	81673	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.31	65	45430	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.34	84	160694	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.33	67	60906	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.57	98	136161	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.85	79	17357	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.31	63	104036	42.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	44937	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	48555	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

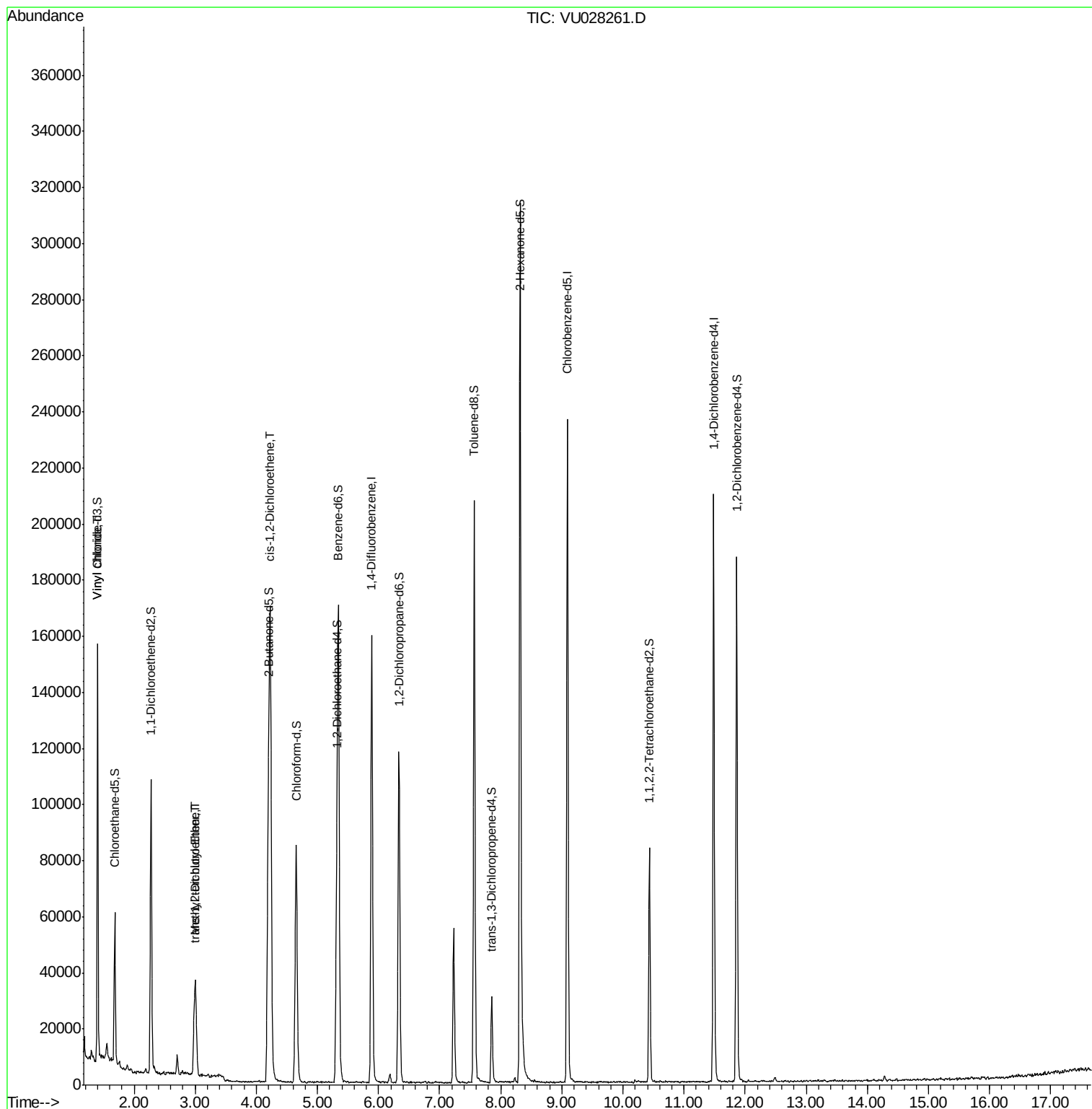
					Qvalue
5) Vinyl chloride	1.40	62	56914	4.387 ug/L	90
17) Methyl tert-butyl Ether	3.01	73	27771	1.175 ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	5764	0.688 ug/L	97
22) cis-1,2-Dichloroethene	4.23	96	79132	7.986 ug/L	95

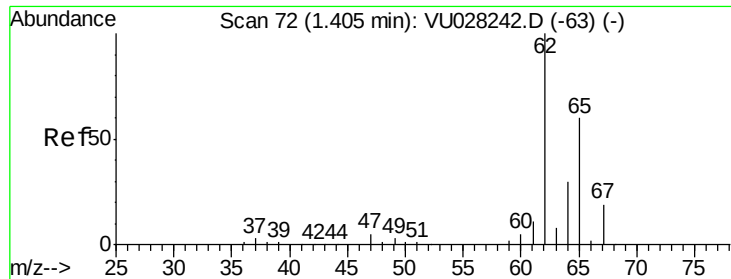
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.387 ug/L

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

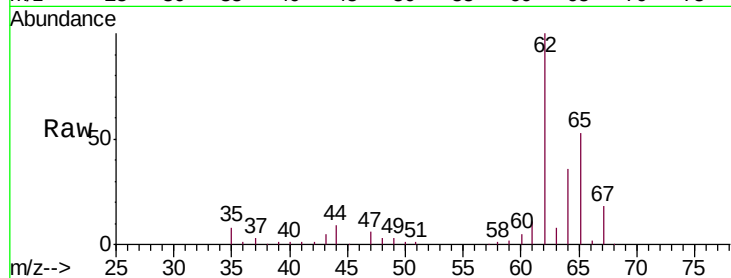
H0FJ6DL

Tgt Ion: 62 Resp: 56914

Ion Ratio Lower Upper

62 100

64 36.3 21.7 40.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

60000

50000

40000

30000

20000

10000

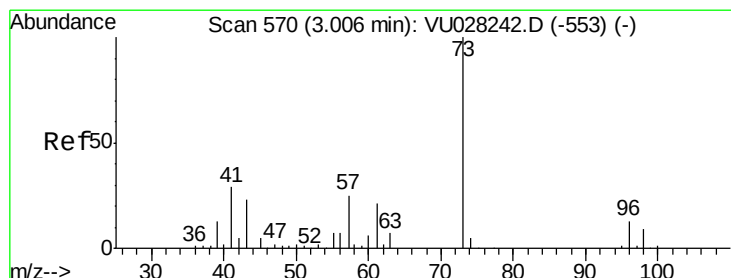
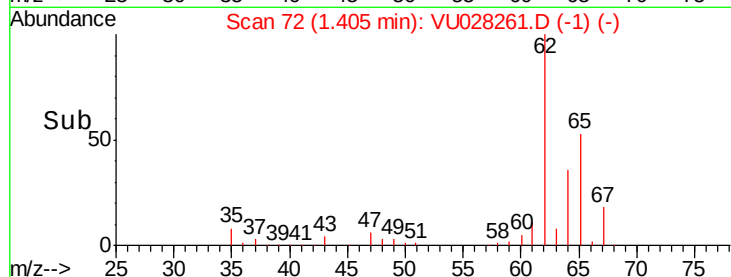
0

1.35

1.40

1.45

Time-->



#17

Methyl tert-butyl Ether

Concen: 1.175 ug/L

RT: 3.01 min Scan# 570

Delta R.T. 0.00 min

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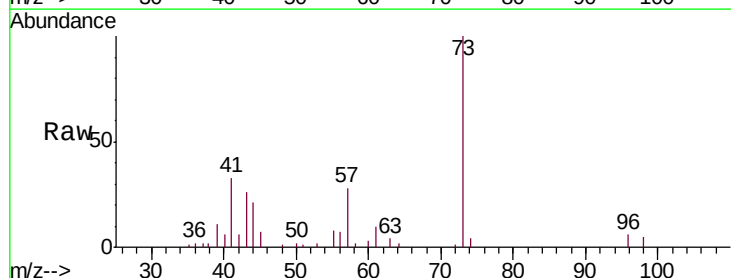
Tgt Ion: 73 Resp: 27771

Ion Ratio Lower Upper

73 100

43 23.7 18.8 28.2

57 26.0 19.2 28.8



Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0

15000

10000

5000

0

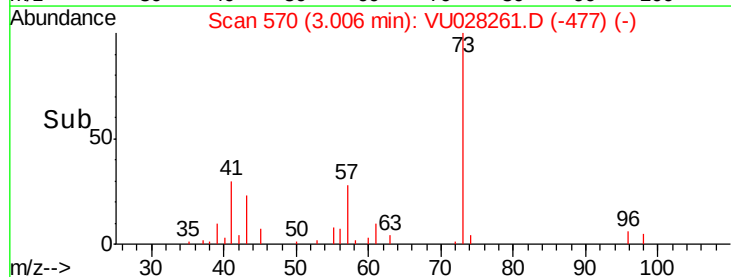
2.95

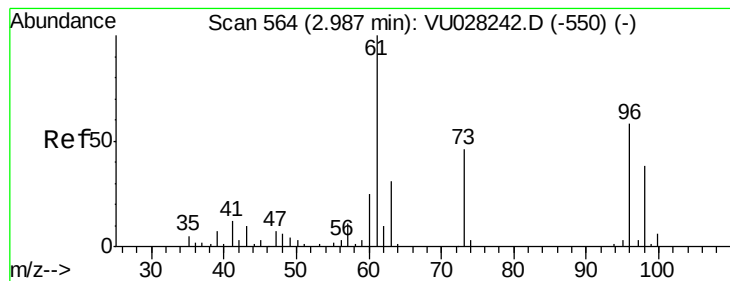
3.00

3.05

3.10

Time-->





#18

trans-1,2-Dichloroethene

Concen: 0.688 ug/L

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

H0FJ6DL

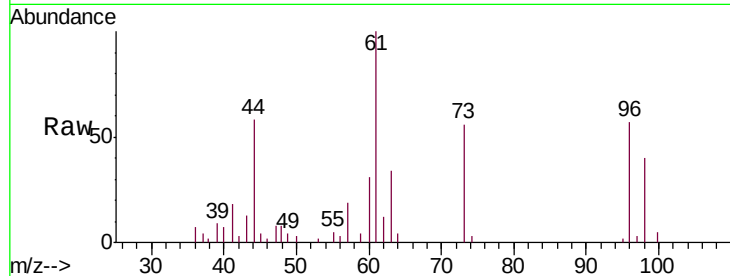
Tgt Ion: 96 Resp: 5764

Ion Ratio Lower Upper

96 100

61 176.3 122.2 227.0

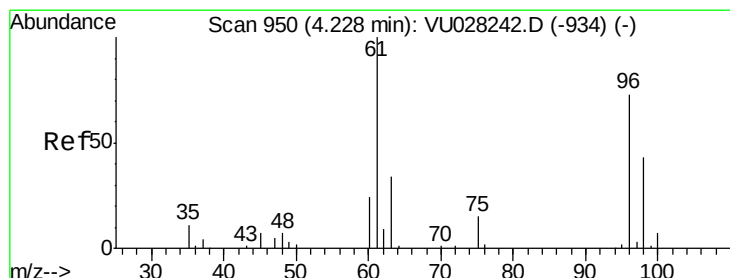
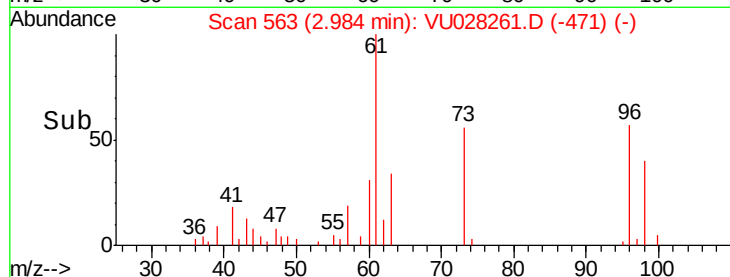
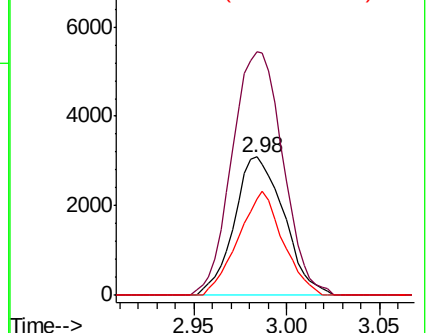
98 70.0 44.9 83.5



Abundance Ion 96.00 (95.70 to 96.70): VU028242.D (-550) (-)

Ion 61.05 (60.75 to 61.75): VU028242.D (-550) (-)

Ion 97.95 (97.65 to 98.65): VU028242.D (-550) (-)



#22

cis-1,2-Dichloroethene

Concen: 7.986 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

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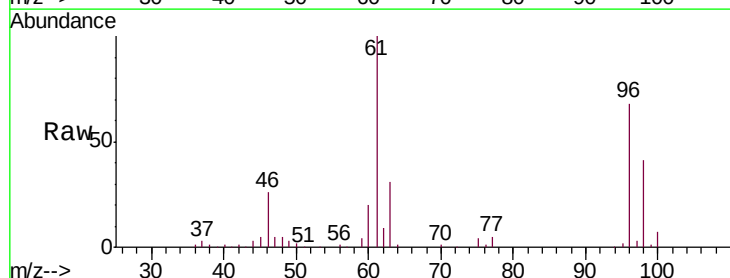
Tgt Ion: 96 Resp: 79132

Ion Ratio Lower Upper

96 100

61 147.9 108.0 200.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU028242.D (-934) (-)

Ion 61.05 (60.75 to 61.75): VU028242.D (-934) (-)

Ion 68.15 (67.85 to 68.85): VU028242.D (-934) (-)

