

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082418\
 Data File : VU026346.D
 Acq On : 24 Aug 2018 20:13
 Operator : MD/SY
 Sample : J4644-12 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOM2

Quant Time: Aug 25 04:45:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 04:25:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	309318	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	299140	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	143833	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76133	40.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.70%
7) Chloroethane-d5	1.68	69	63852	41.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.27	63	115168	31.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.12%
21) 2-Butanone-d5	4.18	46	141392	93.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.90%
24) Chloroform-d	4.65	84	181543	43.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.34%
26) 1,2-Dichloroethane-d4	5.31	65	122864	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.80%
32) Benzene-d6	5.34	84	357229	44.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.28%
36) 1,2-Dichloropropane-d6	6.33	67	115426	44.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.84%
41) Toluene-d8	7.57	98	315391	41.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.46%
43) trans-1,3-Dichloropropene-	7.85	79	54600	41.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.26%
47) 2-Hexanone-d5	8.31	63	98170	89.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.39%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	168763	44.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	140311	45.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.94%

Target Compounds

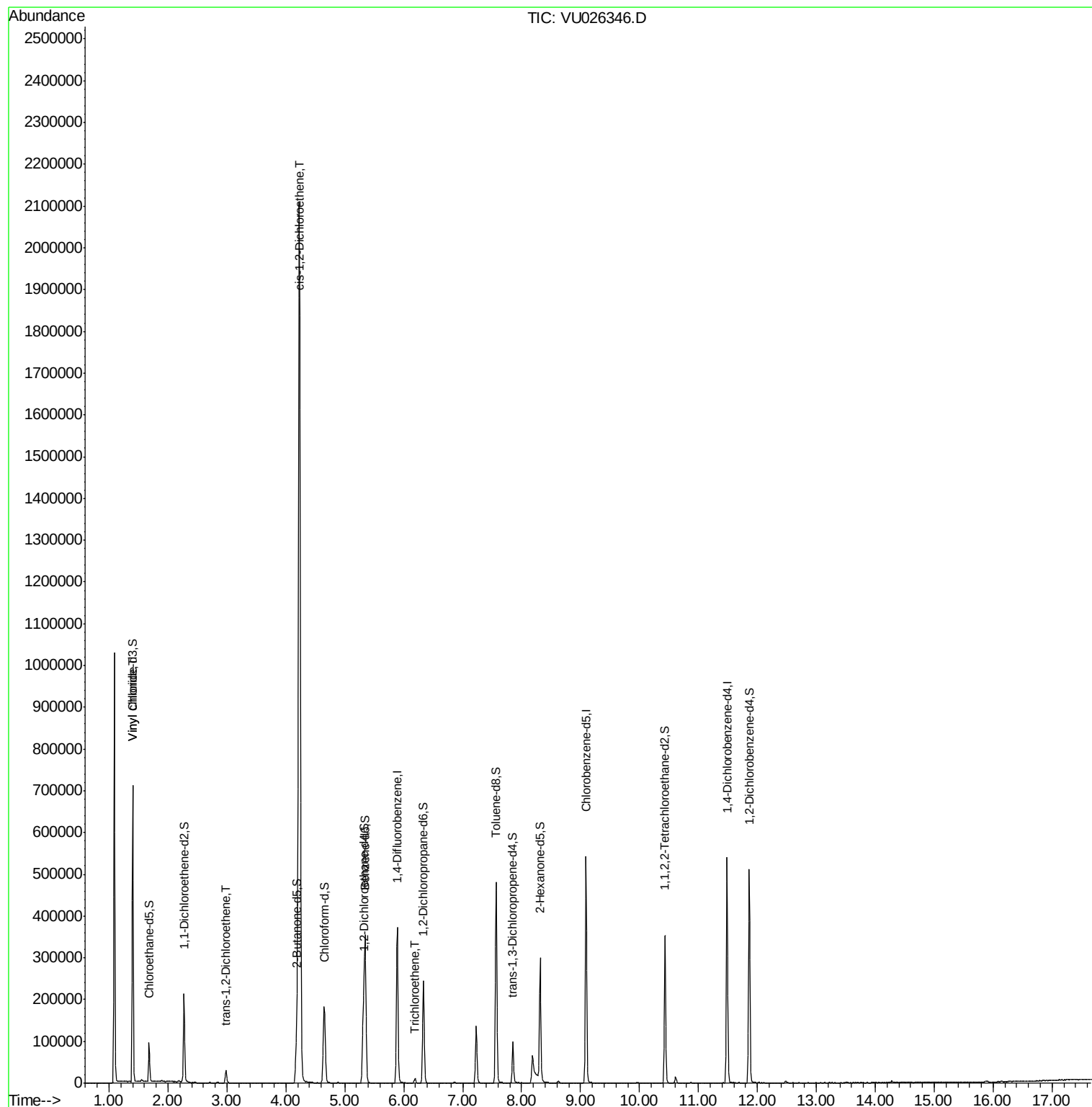
					Qvalue
5) Vinyl chloride	1.40	62	375260	166.327 ug/L	97
17) trans-1,2-Dichloroethene	2.99	96	11983	5.972 ug/L	91
20) cis-1,2-Dichloroethene	4.23	96	1205805	544.384 ug/L	96
34) Trichloroethene	6.19	95	3779	1.752 ug/L	95

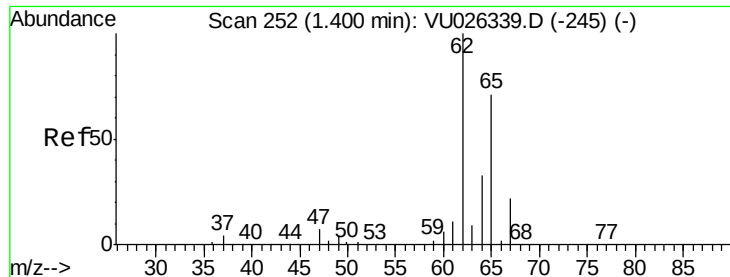
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 166.327 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

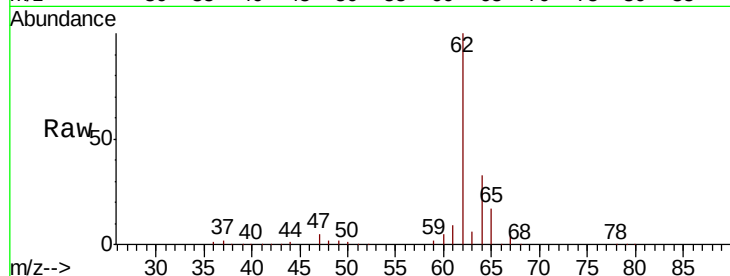
ETOM2

Tgt Ion: 62 Resp: 375260

Ion Ratio Lower Upper

62 100

64 32.6 24.2 45.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

1.40

400000

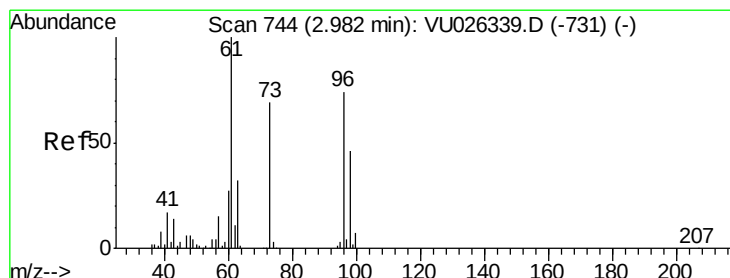
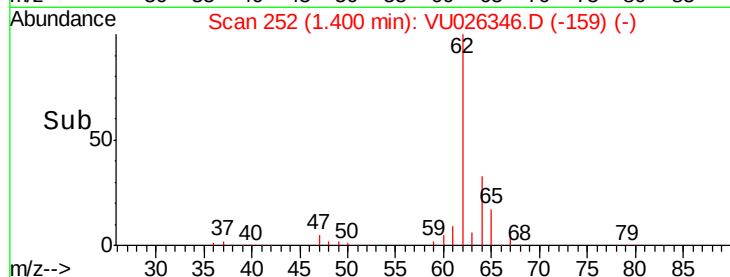
300000

200000

100000

0

Time-->



#17

trans-1,2-Dichloroethene

Concen: 5.972 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

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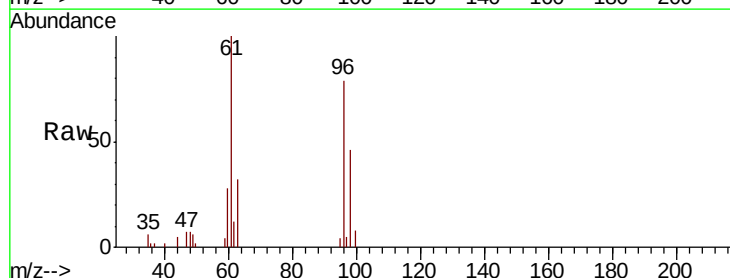
Tgt Ion: 96 Resp: 11983

Ion Ratio Lower Upper

96 100

61 127.1 97.9 181.9

98 58.9 45.1 83.7



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

12000

10000

8000

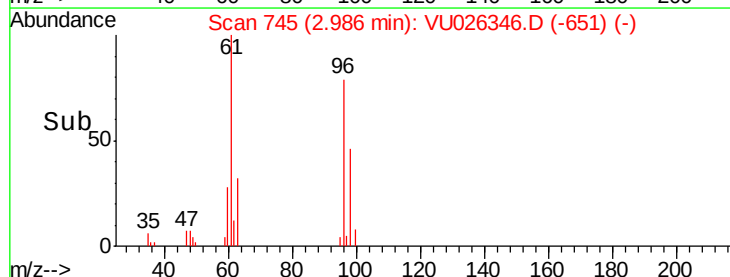
6000

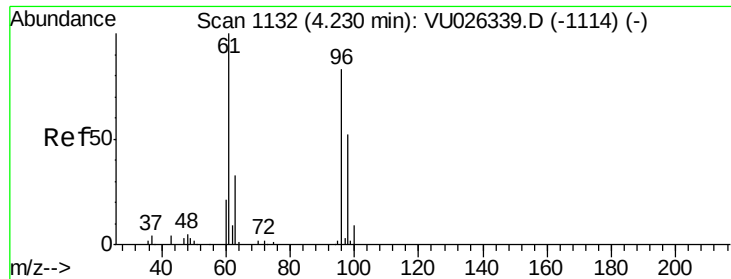
4000

2000

0

Time-->





#20

cis-1,2-Dichloroethene

Concen: 544.384 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

ETOM2

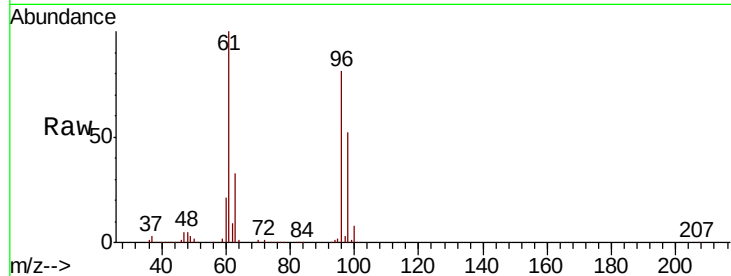
Tgt Ion: 96 Resp: 1205805

Ion Ratio Lower Upper

96 100

61 123.9 90.3 167.7

68 0.0 0.0 0.0



Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

800000

600000

400000

200000

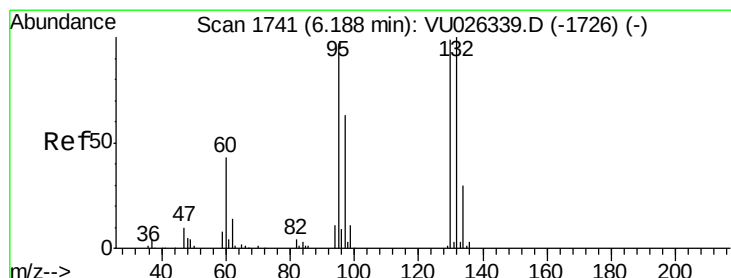
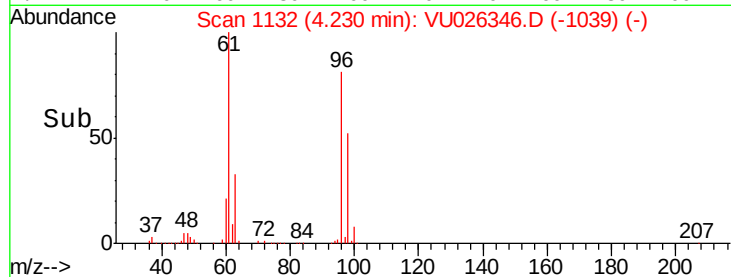
0

4.10

4.20

4.30

Time-->



#34

Trichloroethene

Concen: 1.752 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

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Acq: 24 Aug 2018 20:13

Tgt Ion: 95 Resp: 3779

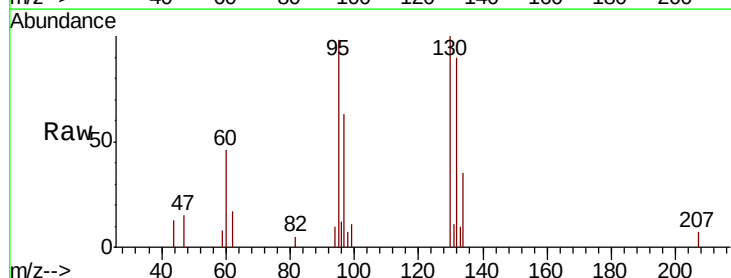
Ion Ratio Lower Upper

95 100

97 64.5 47.2 87.6

132 92.0 70.2 130.4

130 102.4 73.4 136.4



Abundance

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

3000

2500

2000

1500

1000

500

0

6.15

6.20

6.25

Time-->

