

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082418\
 Data File : VU026345.D
 Acq On : 24 Aug 2018 19:49
 Operator : MD/SY
 Sample : J4644-11 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOM1

Quant Time: Aug 25 04:43:24 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	296697	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287480	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	137223	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74739	41.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.60%
7) Chloroethane-d5	1.68	69	62498	42.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.70%
11) 1,1-Dichloroethene-d2	2.27	63	115049	32.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.70%
21) 2-Butanone-d5	4.18	46	142372	98.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.57%
24) Chloroform-d	4.65	84	182552	45.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.52%
26) 1,2-Dichloroethane-d4	5.31	65	120034	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.46%
32) Benzene-d6	5.35	84	350107	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.04%
36) 1,2-Dichloropropane-d6	6.33	67	115297	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.38%
41) Toluene-d8	7.57	98	314969	42.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.70%
43) trans-1,3-Dichloropropene-	7.85	79	55152	43.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.46%
47) 2-Hexanone-d5	8.31	63	97451	92.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	166233	45.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	137592	47.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.50%

Target Compounds

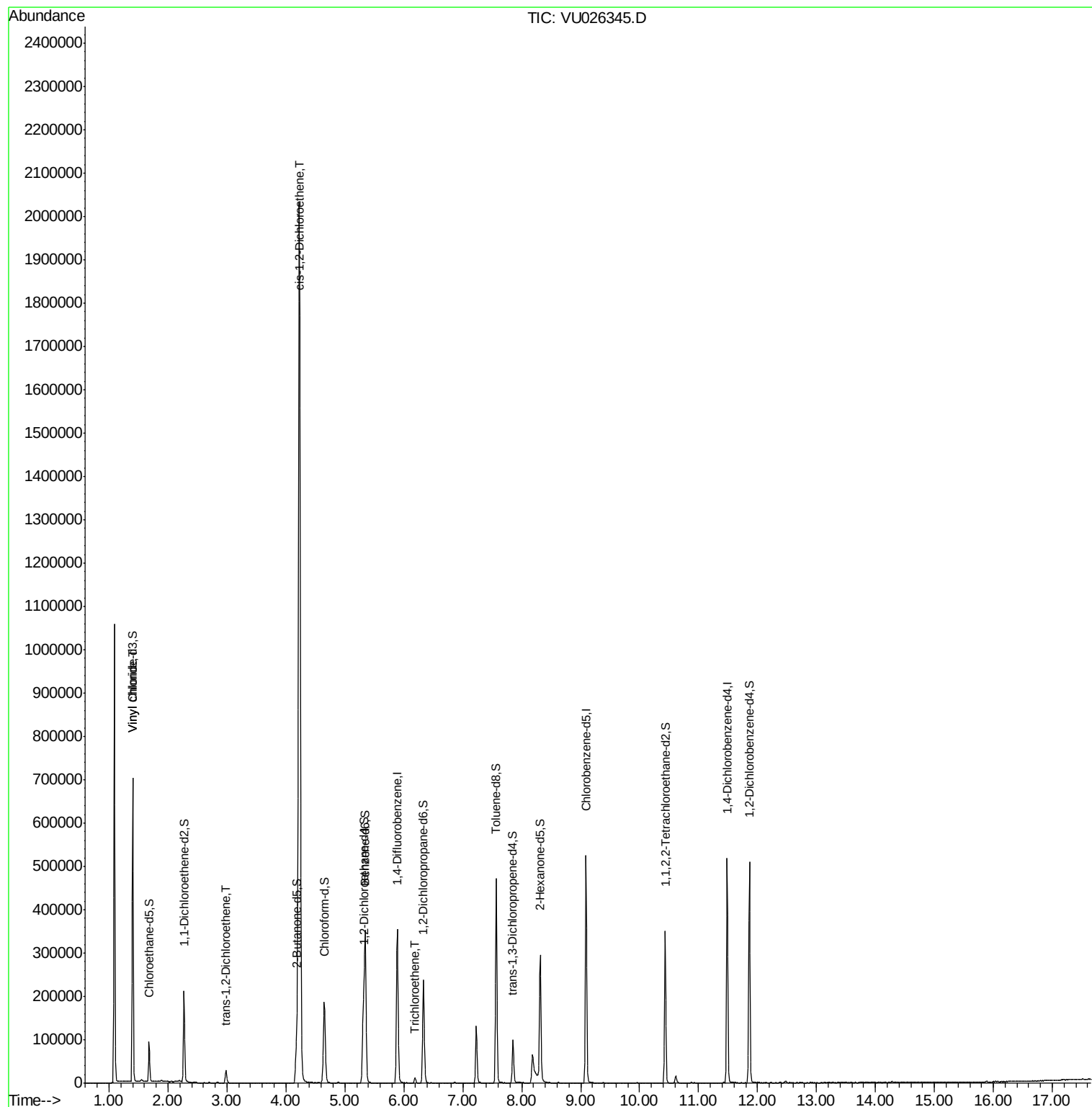
					Qvalue
5) Vinyl chloride	1.40	62	370414	171.163 ug/L	96
17) trans-1,2-Dichloroethene	2.99	96	11732	6.095 ug/L	91
20) cis-1,2-Dichloroethene	4.23	96	1147917	540.295 ug/L	98
34) Trichloroethene	6.19	95	3700	1.785 ug/L	98

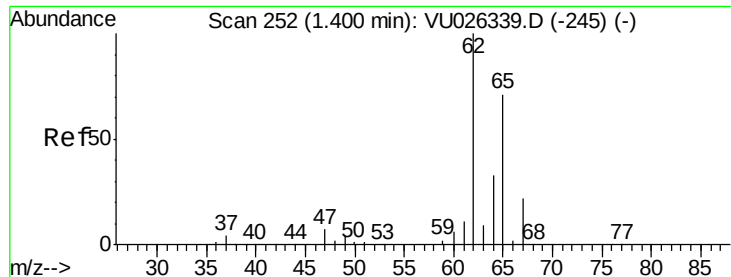
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 171.163 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

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Acq: 24 Aug 2018 19:49

Instrument :

MSVOA_U

ClientSampled :

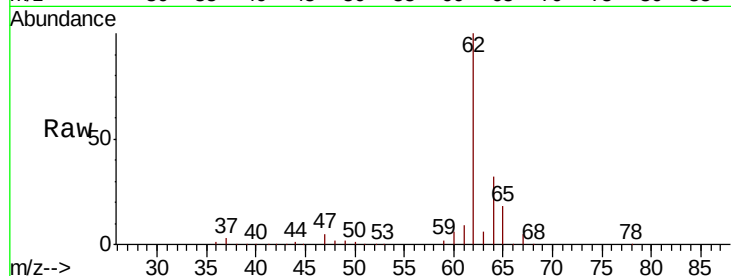
ETOM1

Tgt Ion: 62 Resp: 370414

Ion Ratio Lower Upper

62 100

64 32.3 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

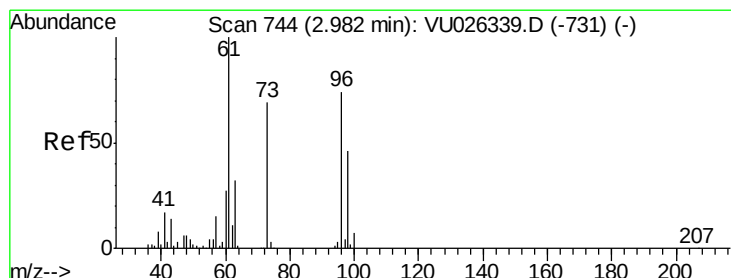
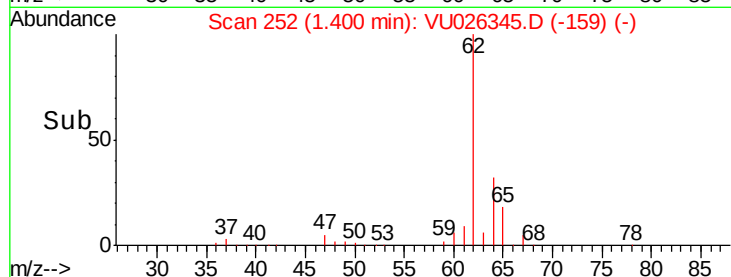
200000

100000

0

Time-->

1.35 1.40 1.45



#17

trans-1,2-Dichloroethene

Concen: 6.095 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

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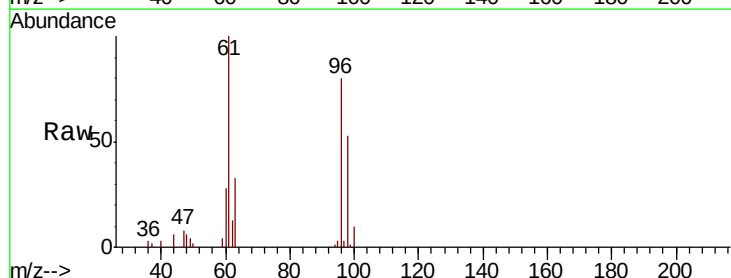
Tgt Ion: 96 Resp: 11732

Ion Ratio Lower Upper

96 100

61 124.6 97.9 181.9

98 66.1 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

10000

8000

6000

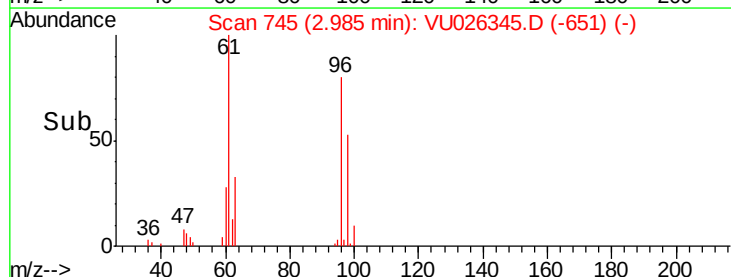
4000

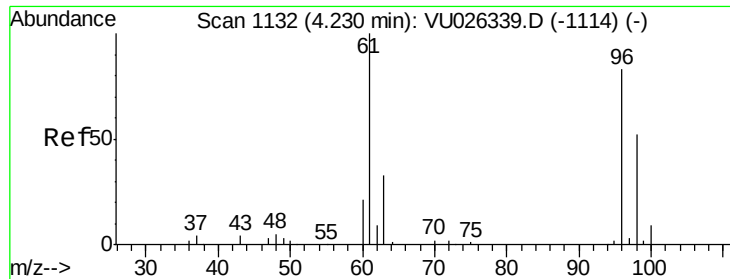
2000

0

Time-->

2.95 3.00 3.05

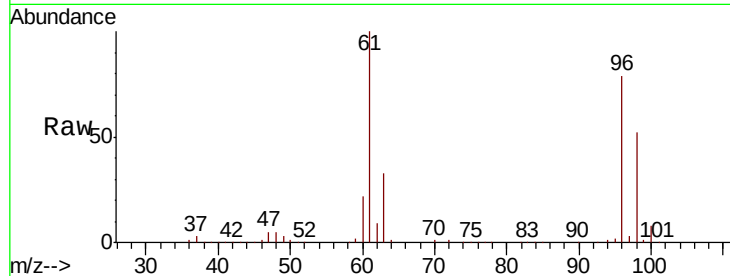




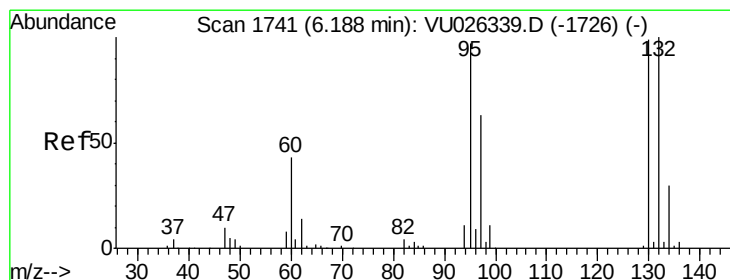
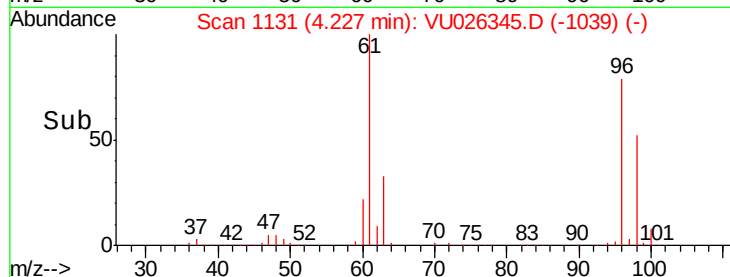
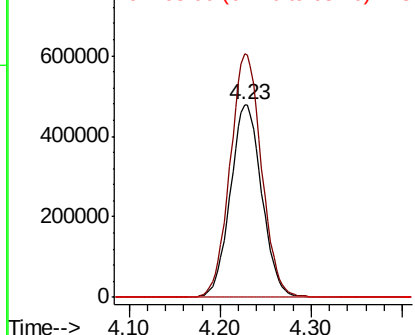
#20
 cis-1,2-Dichloroethene
 Concen: 540.295 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. -0.00 min
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Instrument :
 MSVOA_U
 ClientSampleId :
 ETOM1

Tgt Ion: 96 Resp: 1147917
 Ion Ratio Lower Upper
 96 100
 61 126.1 90.3 167.7
 68 0.0 0.0 0.0

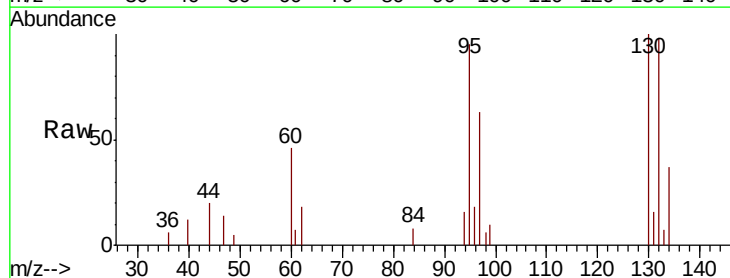


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0



#34
 Trichloroethene
 Concen: 1.785 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU026345.D
 Acq: 24 Aug 2018 19:49

Tgt Ion: 95 Resp: 3700
 Ion Ratio Lower Upper
 95 100
 97 65.8 47.2 87.6
 132 103.3 70.2 130.4
 130 105.0 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

