

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082518\
 Data File : VU026375.D
 Acq On : 25 Aug 2018 16:48
 Operator : MD/SY
 Sample : J4644-11DL 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOM1DL

Quant Time: Aug 27 07:20:17 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	314451	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	310321	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	148666	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	96676	50.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.82%
7) Chloroethane-d5	1.68	69	77466	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.06%
11) 1,1-Dichloroethene-d2	2.27	63	141687	37.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.18%
21) 2-Butanone-d5	4.18	46	143476	93.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.73%
24) Chloroform-d	4.65	84	190828	44.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.28%
26) 1,2-Dichloroethane-d4	5.31	65	131772	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.72%
32) Benzene-d6	5.35	84	396323	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
36) 1,2-Dichloropropane-d6	6.33	67	126795	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.14%
41) Toluene-d8	7.57	98	361704	45.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.16%
43) trans-1,3-Dichloropropene-	7.85	79	60370	43.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.66%
47) 2-Hexanone-d5	8.31	63	106396	93.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.39%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	176730	44.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	153285	48.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.18%

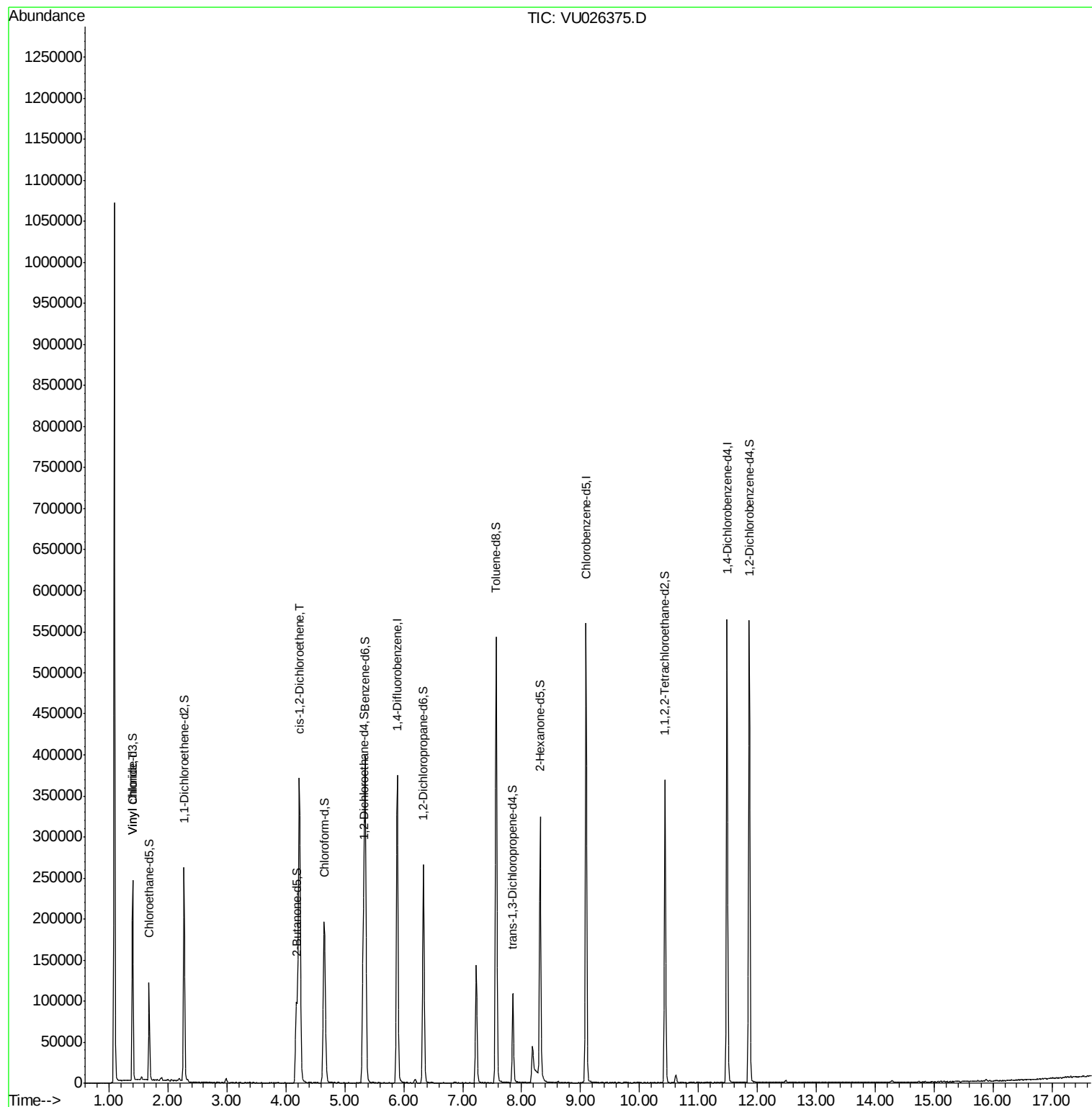
Target Compounds						Ovalue
5) Vinyl chloride	1.40	62	70319	30.66	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	209429	93.01	ug/L	96

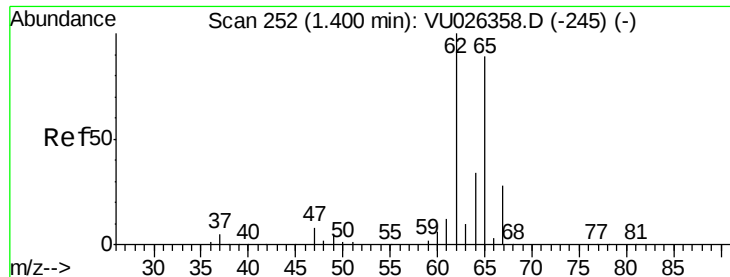
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 30.66 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

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ClientSampleId :

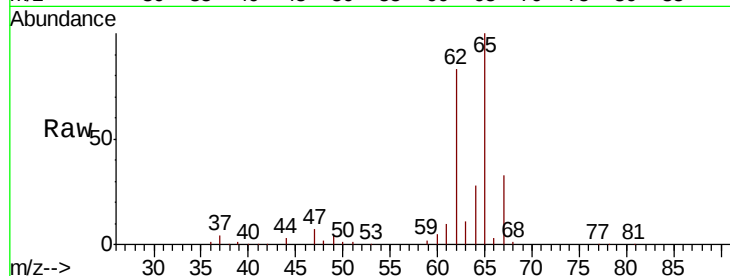
ETOM1DL

Tot Ion: 62 Resp: 70319

Ion Ratio Lower Upper

62 100

64 33.9 24.2 45.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

80000

60000

40000

20000

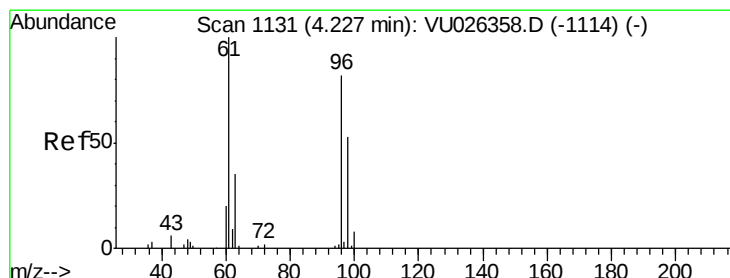
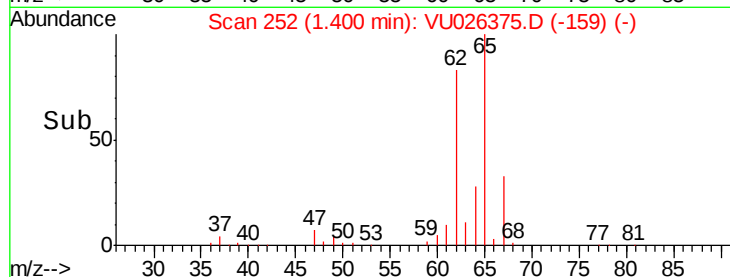
0

1.35

1.40

1.45

Time-->



#20

cis-1,2-Dichloroethene

Concen: 93.01 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

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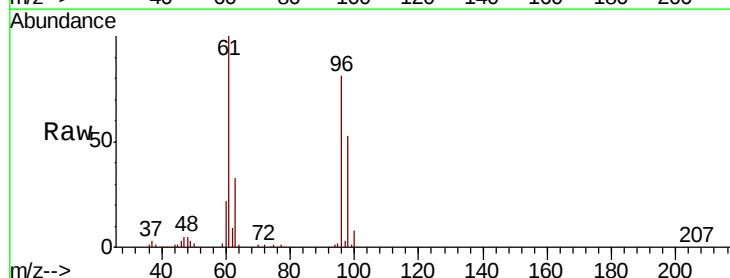
Tgt Ion: 96 Resp: 209429

Ion Ratio Lower Upper

96 100

61 123.8 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

150000

100000

50000

0

4.20

4.23

4.30

Time-->

