

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082518\
 Data File : VU026363.D
 Acq On : 25 Aug 2018 12:10
 Operator : MD/SY
 Sample : J4622-08DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBKODL

Quant Time: Aug 27 05:14:57 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	317065	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	319731	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	150967	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	101003	52.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.46%
7) Chloroethane-d5	1.68	69	81751	51.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.68%
11) 1,1-Dichloroethene-d2	2.27	63	149522	39.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.68%
21) 2-Butanone-d5	4.18	46	145384	94.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.19%
24) Chloroform-d	4.65	84	200160	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	5.31	65	137713	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.18%
32) Benzene-d6	5.35	84	412892	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.54%
36) 1,2-Dichloropropane-d6	6.33	67	134849	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.20%
41) Toluene-d8	7.57	98	379917	46.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.94%
43) trans-1,3-Dichloropropene-	7.85	79	63988	45.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.18%
47) 2-Hexanone-d5	8.31	63	109653	93.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	180547	44.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	158636	49.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.04%

Target Compounds

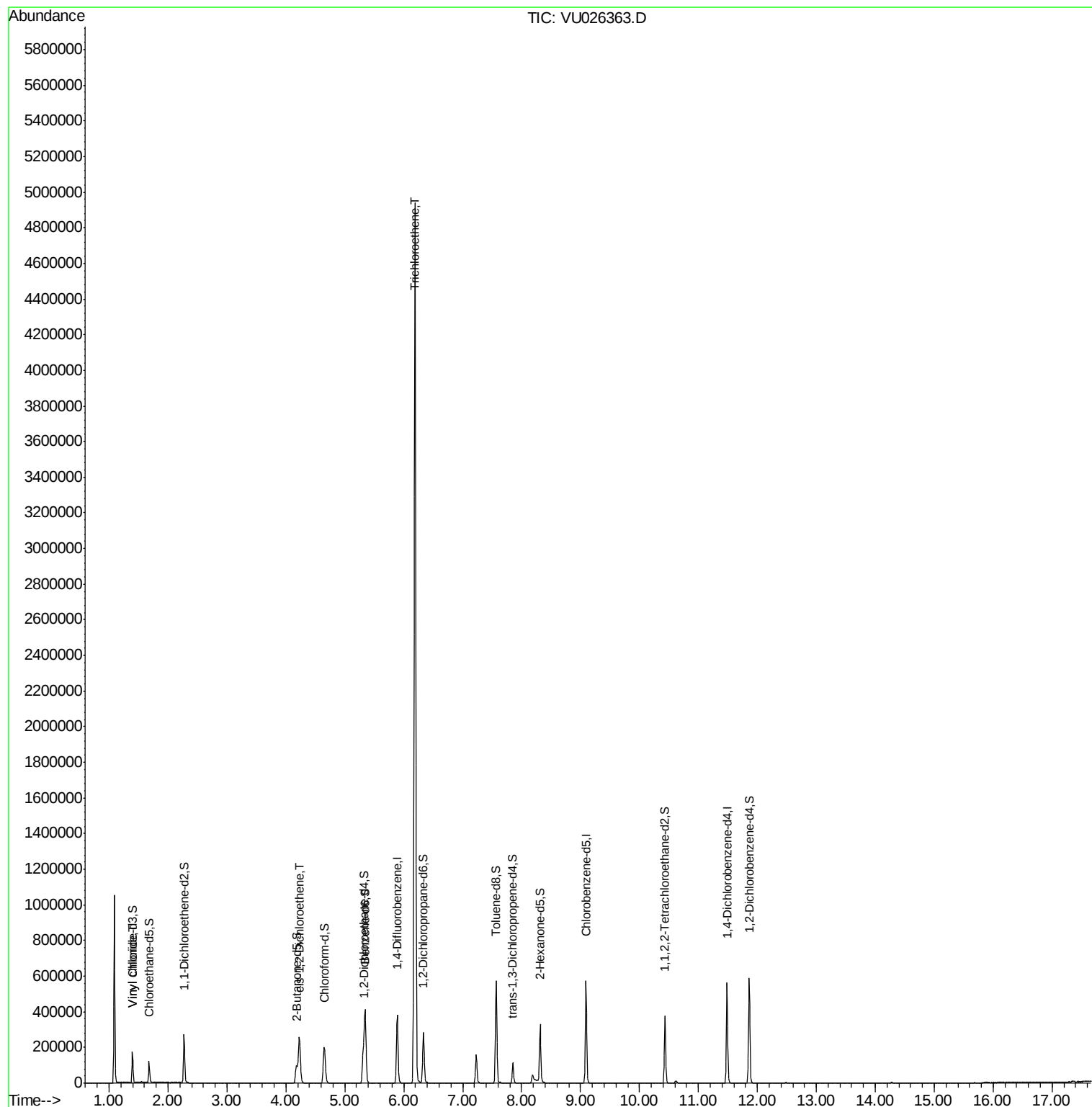
					Ovalue
5) Vinyl chloride	1.40	62	9271	4.01	ug/L 86
20) cis-1,2-Dichloroethene	4.23	96	144701	63.73	ug/L 96
34) Trichloroethene	6.19	95	1675474	726.90	ug/L 98

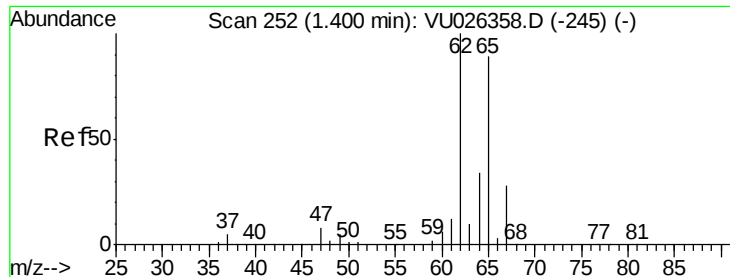
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.01 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

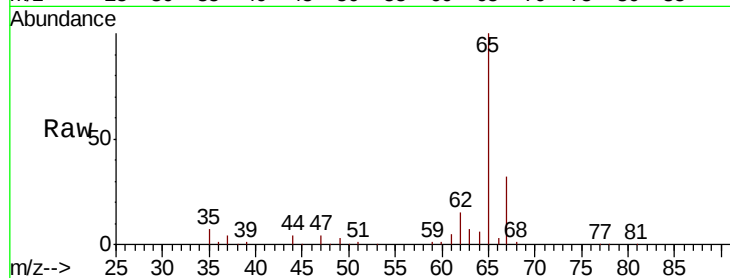
ETBK0DL

Tot Ion: 62 Resp: 9271

Ion Ratio Lower Upper

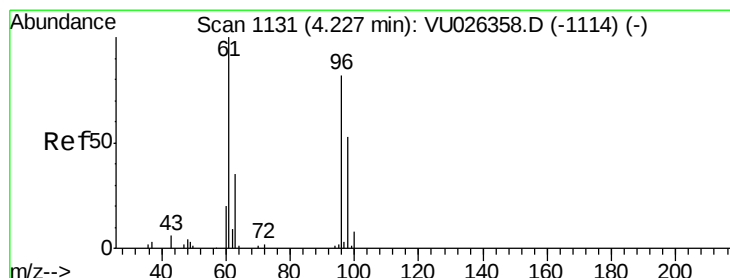
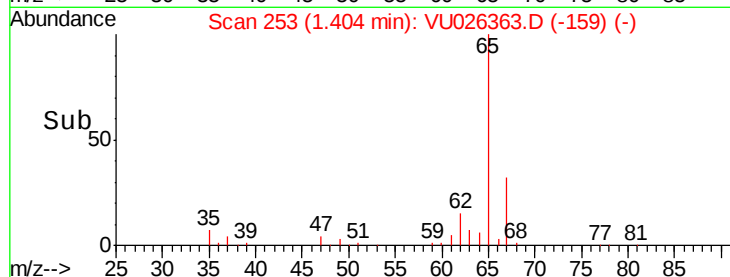
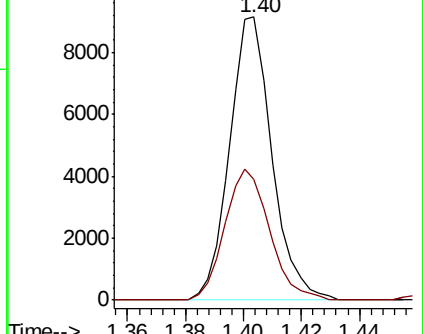
62 100

64 42.8 24.2 45.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 63.73 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU026363.D

Acq: 25 Aug 2018 12:10

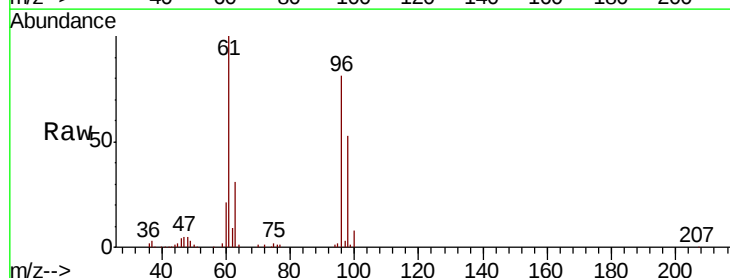
Tgt Ion: 96 Resp: 144701

Ion Ratio Lower Upper

96 100

61 123.9 90.3 167.7

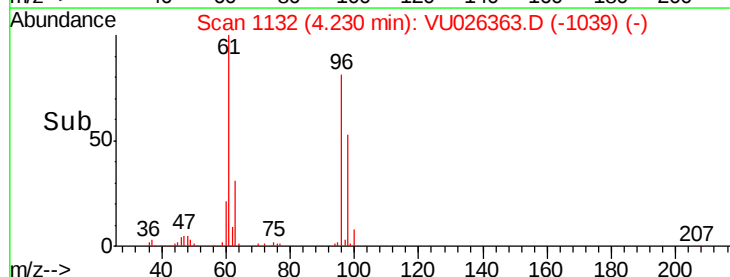
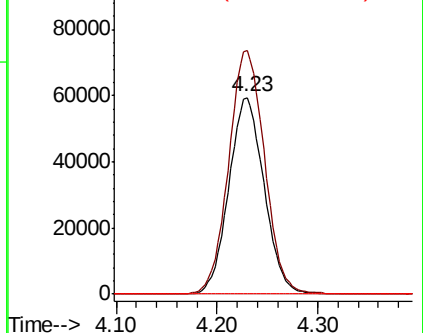
68 0.0 0.0 0.0

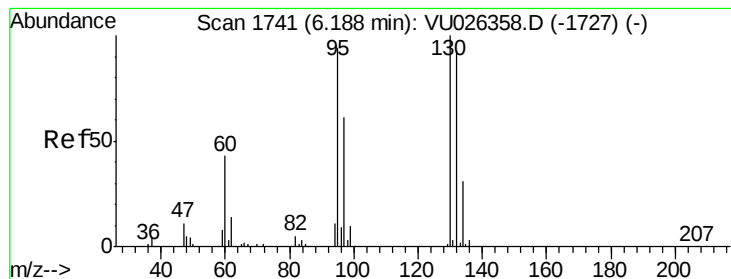


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 726.90 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

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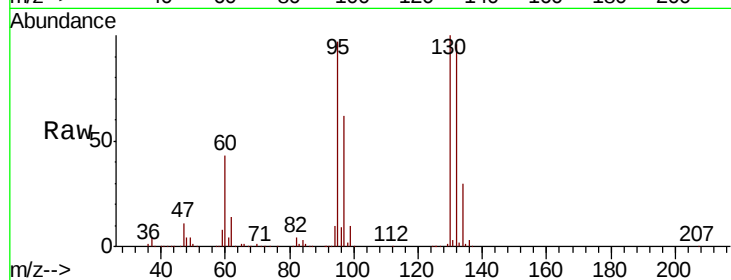
Acq: 25 Aug 2018 12:10

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Tot Ion: 95 Resp: 1675474

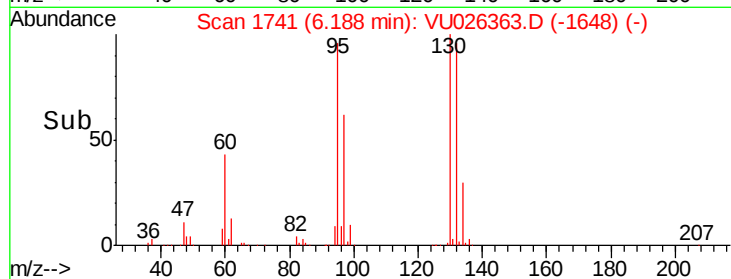
Ion Ratio Lower Upper

95 100

97 64.2 47.2 87.6

132 99.0 70.2 130.4

130 103.5 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

