

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082518\
 Data File : VU026368.D
 Acq On : 25 Aug 2018 14:06
 Operator : MD/SY
 Sample : J4644-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBL9

Quant Time: Aug 27 06:43:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 27 03:11:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	320062	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	323864	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	151882	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	100109	51.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.56%
7) Chloroethane-d5	1.68	69	81234	51.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.06%
11) 1,1-Dichloroethene-d2	2.27	63	146808	38.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.52%
21) 2-Butanone-d5	4.18	46	145445	93.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.35%
24) Chloroform-d	4.65	84	205025	47.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.24%
26) 1,2-Dichloroethane-d4	5.31	65	136260	48.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.24%
32) Benzene-d6	5.35	84	404155	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
36) 1,2-Dichloropropane-d6	6.33	67	129225	46.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.90%
41) Toluene-d8	7.57	98	370839	44.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.56%
43) trans-1,3-Dichloropropene-	7.85	79	62583	43.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.08%
47) 2-Hexanone-d5	8.31	63	107394	90.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	179043	43.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	158644	49.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.44%

Target Compounds

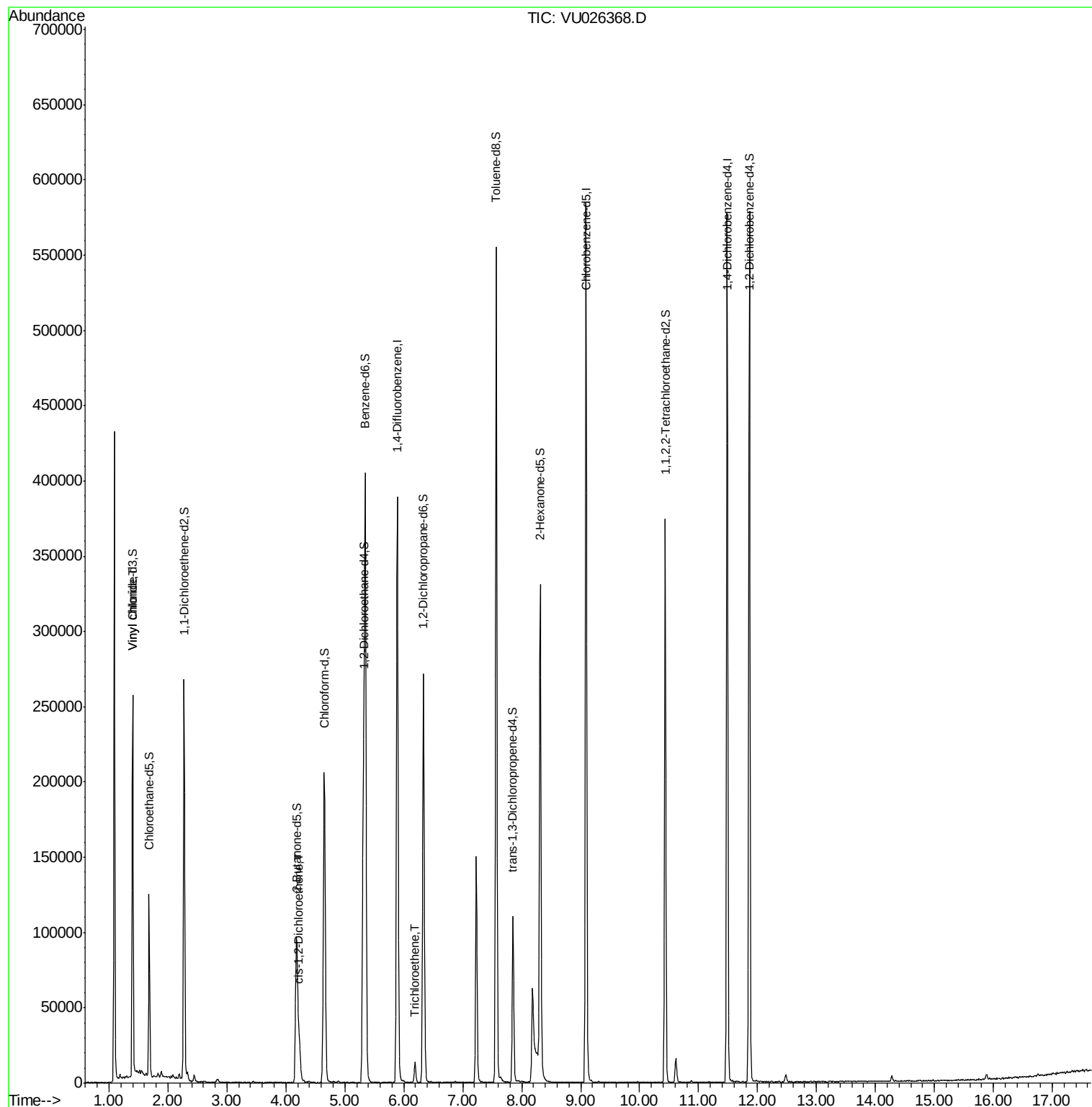
					Ovalue
5) Vinyl chloride	1.40	62	64303	27.54	ug/L 96
20) cis-1,2-Dichloroethene	4.23	96	11604	5.06	ug/L 81
34) Trichloroethene	6.19	95	4838	2.07	ug/L 97

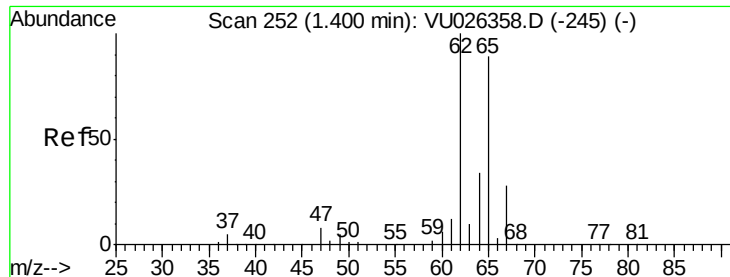
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 27.54 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampled :

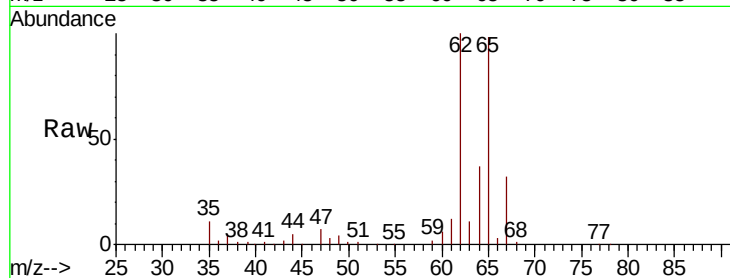
ETBL9

Tot Ion: 62 Resp: 64303

Ion Ratio Lower Upper

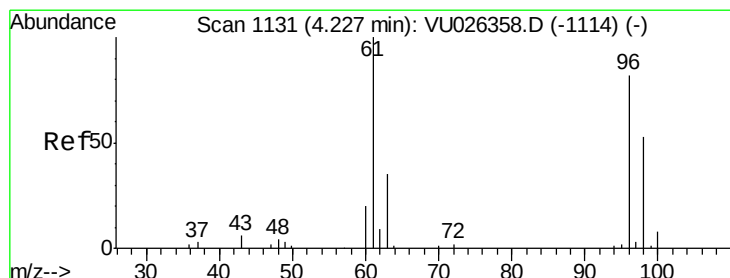
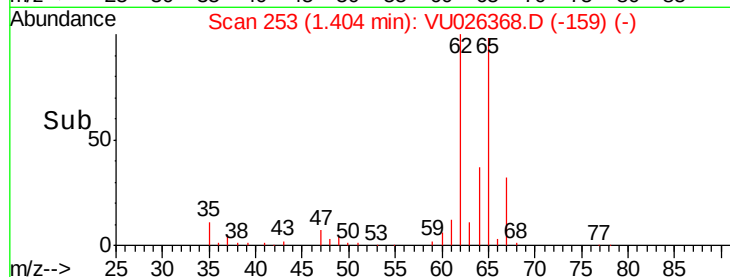
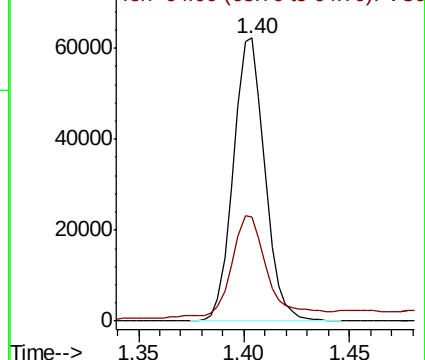
62 100

64 37.0 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: 5.06 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

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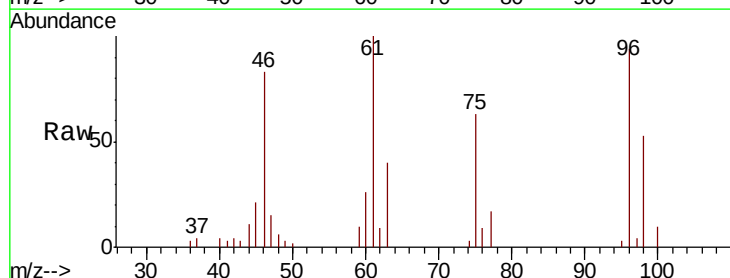
Tgt Ion: 96 Resp: 11604

Ion Ratio Lower Upper

96 100

61 106.7 90.3 167.7

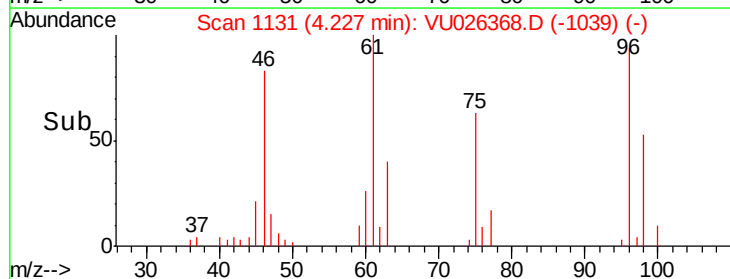
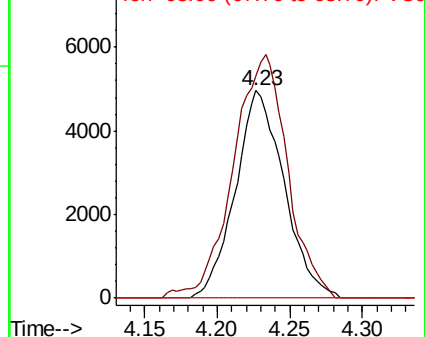
68 0.0 0.0 0.0

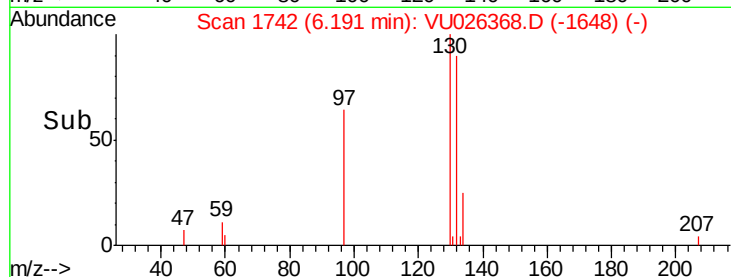
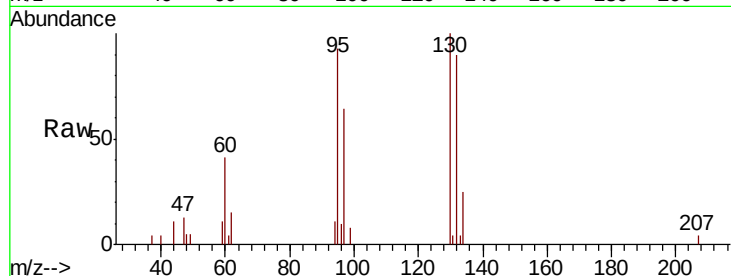
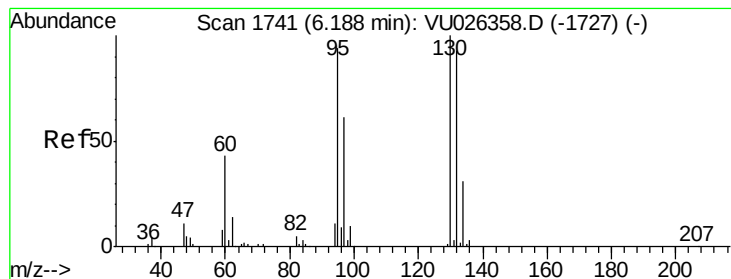


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 2.07 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

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Tot Ion: 95 Resp: 4838

Ion Ratio Lower Upper

95 100

97 68.3 47.2 87.6

132 96.1 70.2 130.4

130 107.0 73.4 136.4

