

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101718\
 Data File : VU027677.D
 Acq On : 17 Oct 2018 14:46
 Operator : MD/SY
 Sample : J5463-04 200X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JB5

Quant Time: Oct 19 07:14:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 06:41:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	80241	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	74908	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	37466	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	29761	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.68	69	23760	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.28	63	41812	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.21	46	88996	49.08	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.16%
24) Chloroform-d	4.65	84	50507	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.31	65	28613	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.34	84	106379	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.33	67	37647	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.57	98	103229	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
43) trans-1,3-Dichloropropene-	7.85	79	14826	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.32	63	79764	51.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	27262	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	36813	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

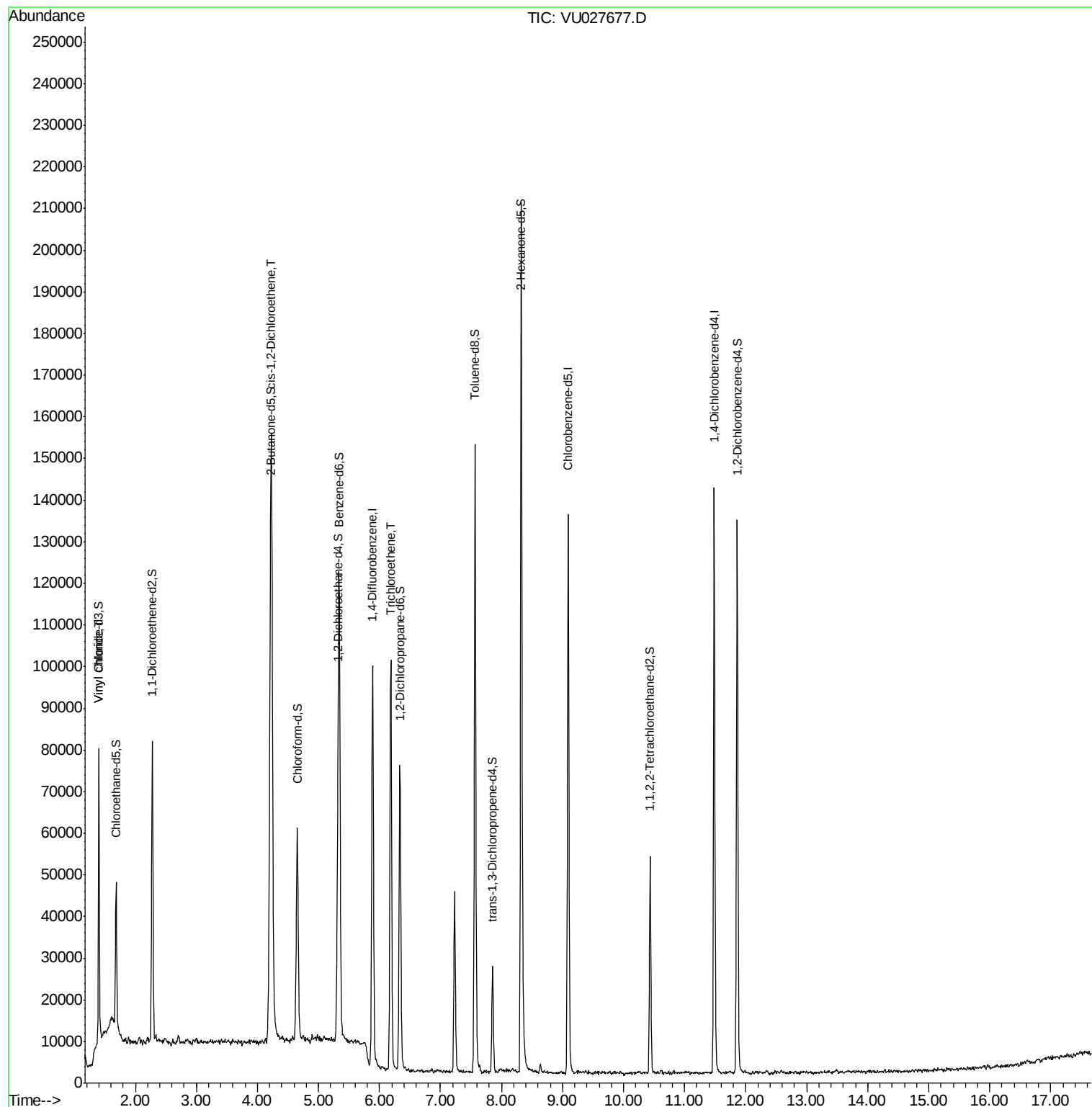
					Ovalue
5) Vinyl chloride	1.41	62	19974	2.551 ug/L	84
22) cis-1,2-Dichloroethene	4.23	96	68385	10.703 ug/L #	94
34) Trichloroethene	6.19	95	35534	5.600 ug/L	98

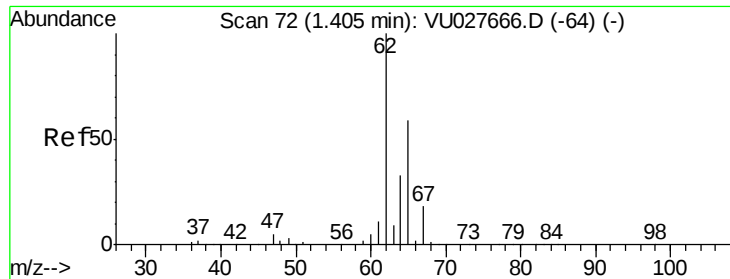
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.551 ug/L

RT: 1.41 min Scan# 72

Delta R.T. 0.00 min

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Acq: 17 Oct 2018 14:46

Instrument :

MSVOA_U

ClientSampleId :

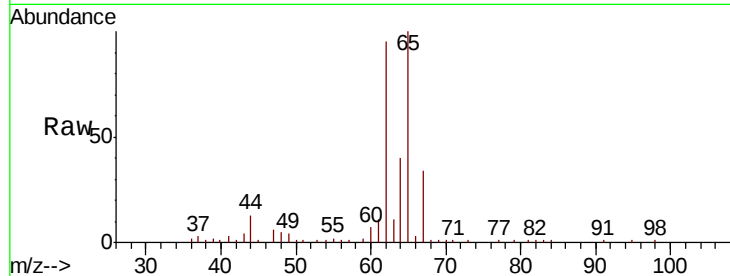
C0JB5

Tot Ion: 62 Resp: 19974

Ion Ratio Lower Upper

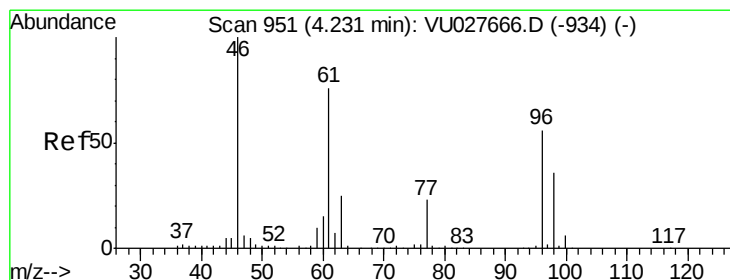
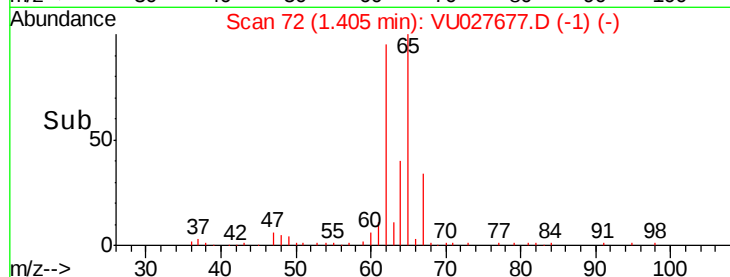
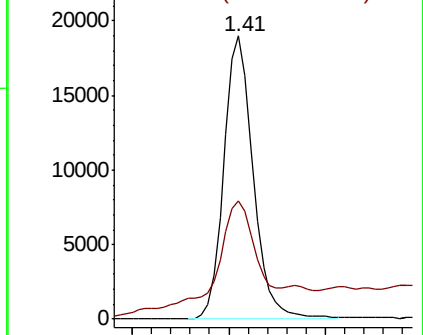
62 100

64 41.9 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#22

cis-1,2-Dichloroethene

Concen: 10.703 ug/L

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

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Acq: 17 Oct 2018 14:46

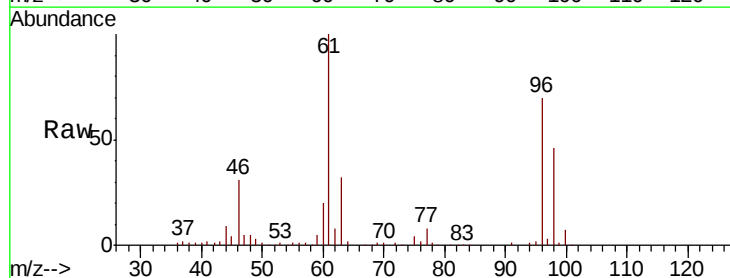
Tgt Ion: 96 Resp: 68385

Ion Ratio Lower Upper

96 100

61 143.0 95.3 176.9

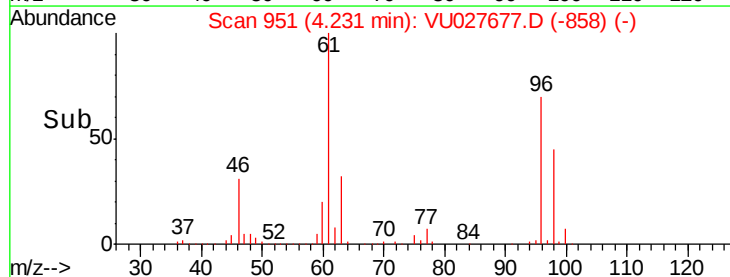
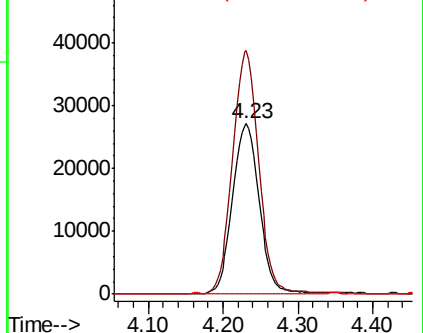
68 0.6 1.1 2.1#

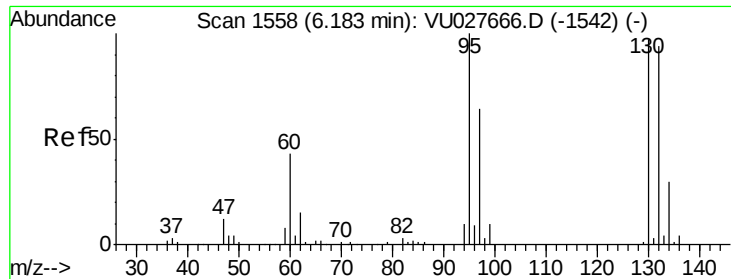


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 5.600 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

C0JB5

Tot Ion: 95 Resp: 35534

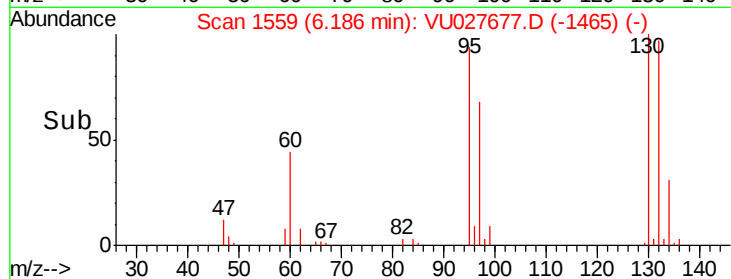
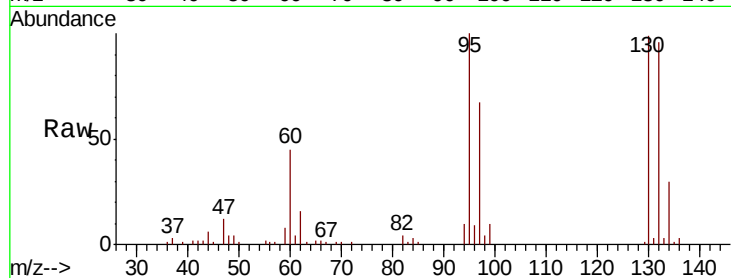
Ion Ratio Lower Upper

95 100

97 67.1 44.7 83.1

132 95.7 65.9 122.5

130 99.0 67.9 126.1



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

