

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101718\
 Data File : VU027678.D
 Acq On : 17 Oct 2018 15:12
 Operator : MD/SY
 Sample : J5463-05 200X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JB6

Quant Time: Oct 19 07:16:11 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	83738	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	80042	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	40433	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	28475	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.68	69	23229	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.28	63	41031	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.21	46	87295	46.14	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.28%
24) Chloroform-d	4.65	84	47268	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.31	65	27136	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.34	84	103189	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.33	67	36936	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.57	98	99912	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.85	79	14578	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.32	63	77284	47.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	26553	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	36080	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

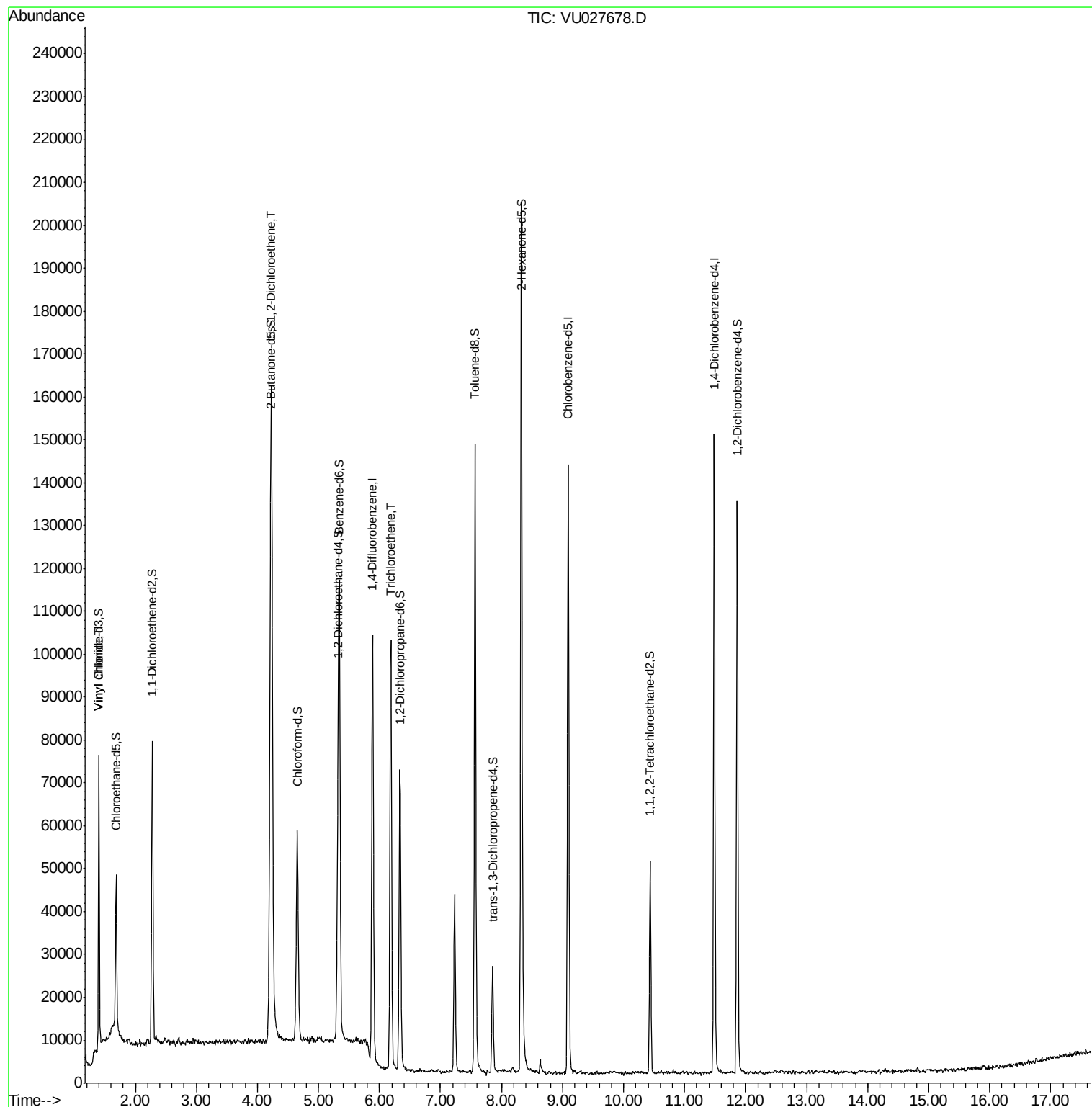
					Ovalue
5) Vinyl chloride	1.41	62	20446	2.502 ug/L	94
22) cis-1,2-Dichloroethene	4.23	96	69028	10.352 ug/L #	100
34) Trichloroethene	6.19	95	36484	5.381 ug/L	99

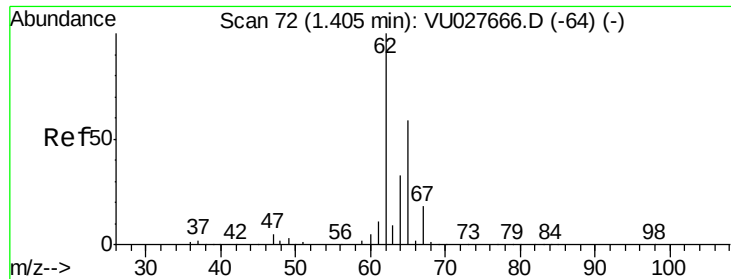
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.502 ug/L

RT: 1.41 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU027678.D

Acq: 17 Oct 2018 15:12

Instrument :

MSVOA_U

ClientSampleId :

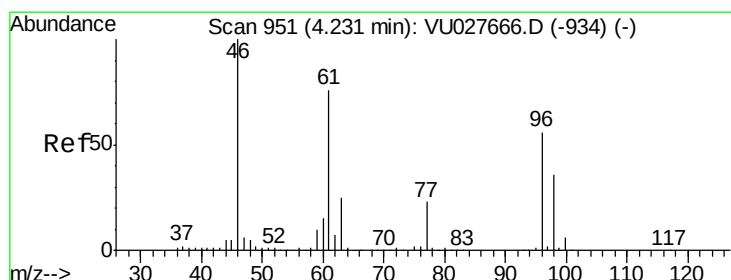
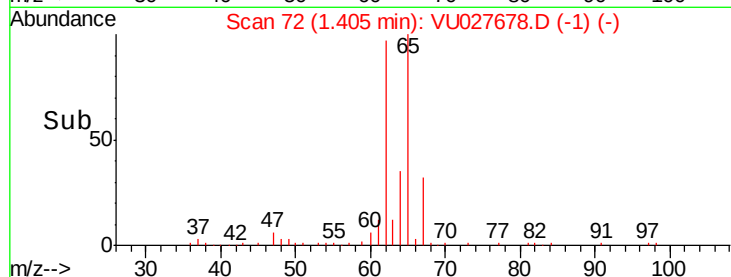
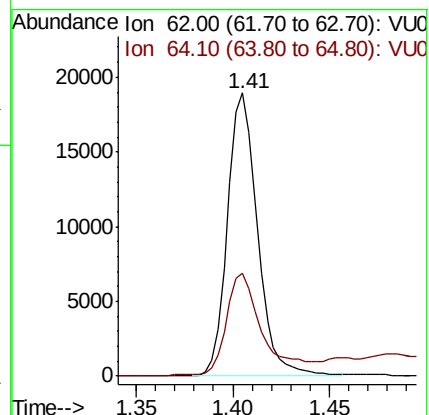
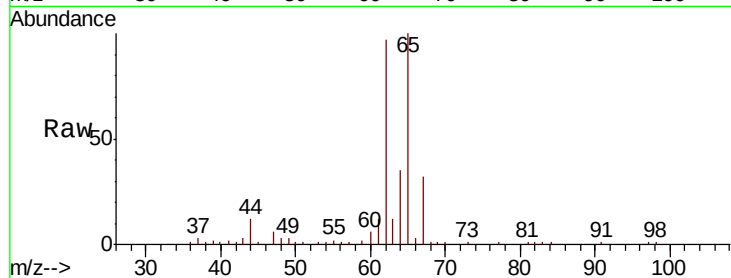
C0JB6

Tot Ion: 62 Resp: 20446

Ion Ratio Lower Upper

62 100

64 36.3 22.9 42.5



#22

cis-1,2-Dichloroethene

Concen: 10.352 ug/L

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

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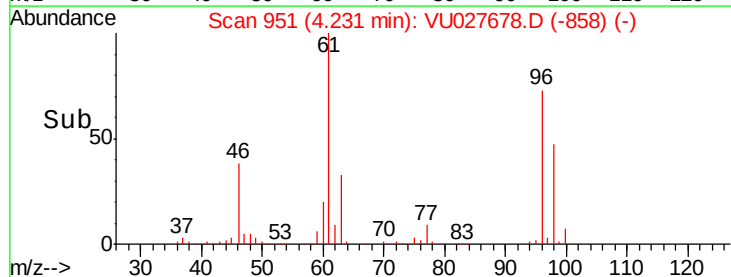
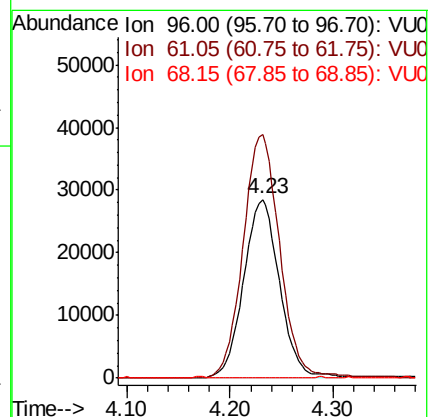
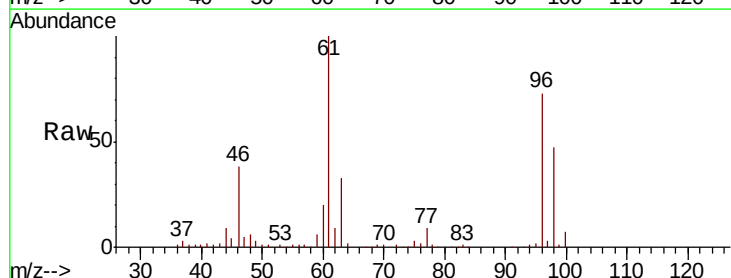
Tgt Ion: 96 Resp: 69028

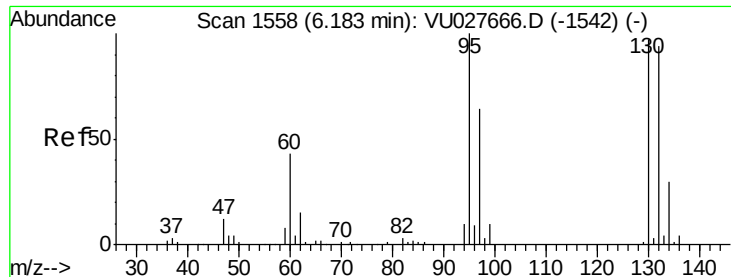
Ion Ratio Lower Upper

96 100

61 136.3 95.3 176.9

68 0.5 1.1 2.1#





#34

Trichloroethene

Concen: 5.381 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU027678.D

Acq: 17 Oct 2018 15:12

Instrument :

MSVOA_U

ClientSampleId :

C0JB6

Tot Ion: 95 Resp: 36484

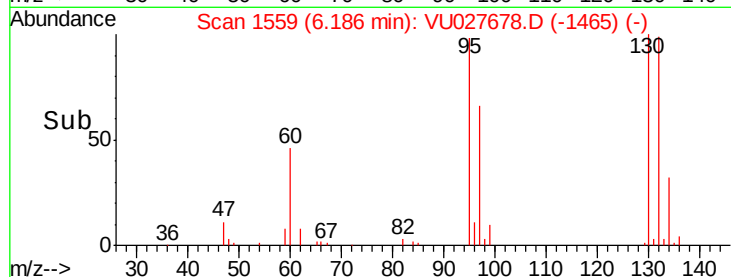
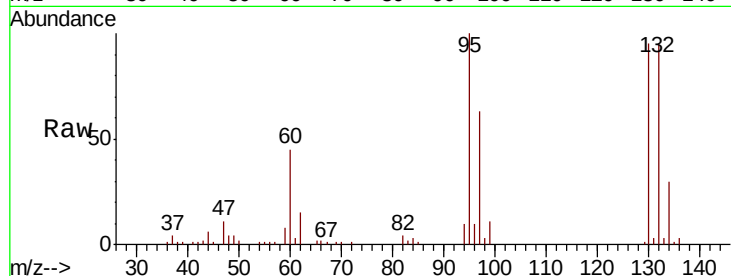
Ion Ratio Lower Upper

95 100

97 63.5 44.7 83.1

132 94.6 65.9 122.5

130 95.2 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

