

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035104.D
 Acq On : 11 Oct 2019 21:10
 Operator : JC/SP
 Sample : K5310-10DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-15-001-01DL

Quant Time: Oct 12 04:28:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 12 02:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	166362	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	177024	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	63003	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51497	5.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.80%
7) Chloroethane-d5	1.68	69	50078	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.00%
11) 1,1-Dichloroethene-d2	2.26	63	77497	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	4.17	46	151997	52.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.96%
24) Chloroform-d	4.62	84	100058	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.29	65	55179	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.32	84	195076	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.31	67	66989	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.55	98	166623	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	7.84	79	18172	3.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.80%
46) 2-Hexanone-d5	8.30	63	104330	43.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.84%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	54270	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	55300	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

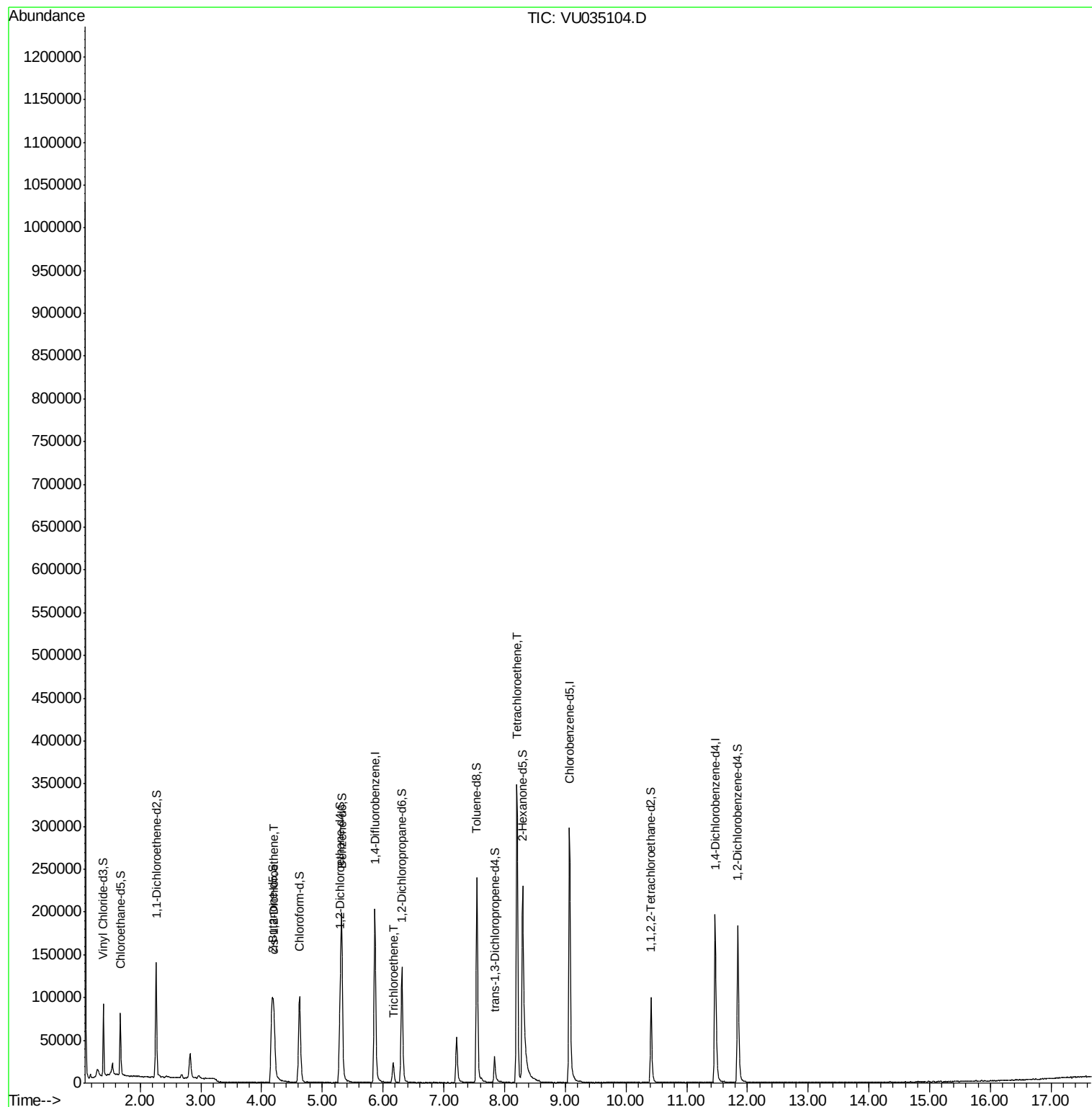
					Ovalue
22) cis-1,2-Dichloroethene	4.20	96	33918	2.657 ug/L	91
34) Trichloroethene	6.17	95	8317	0.605 ug/L	98
47) Tetrachloroethene	8.21	164	76947	6.912 ug/L	96

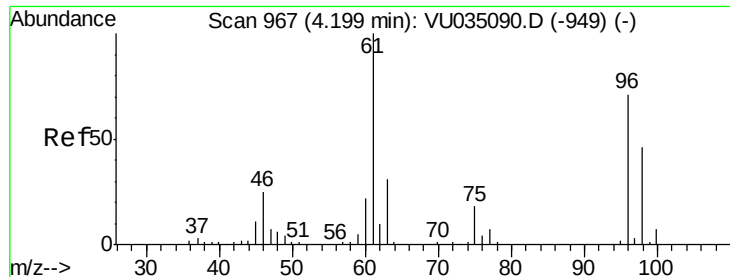
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 2.657 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

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MW-15-001-01DL

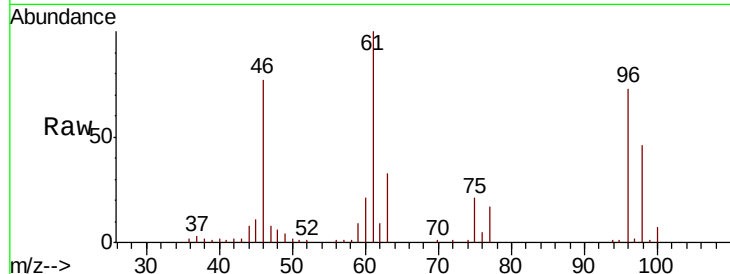
Tot Ion: 96 Resp: 33918

Ion Ratio Lower Upper

96 100

61 137.3 89.2 165.6

68 0.0 0.0 0.0

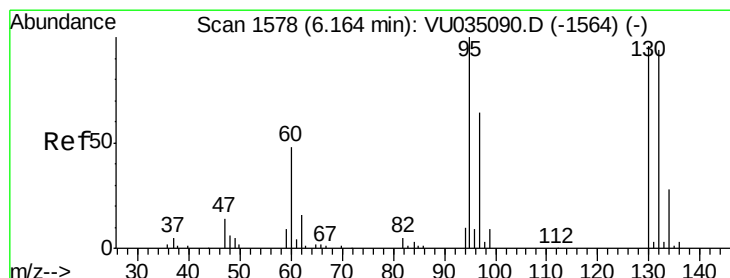
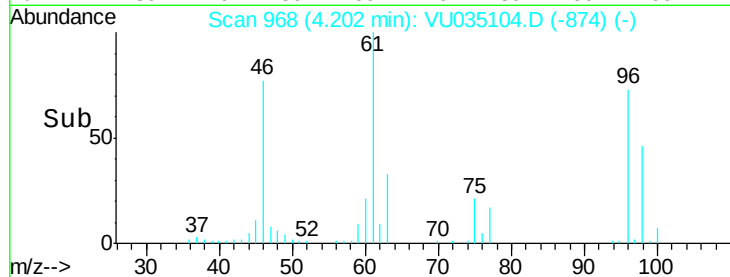
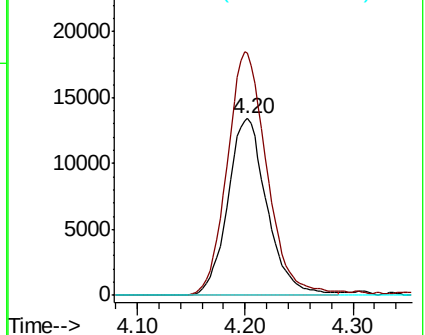


Abundance

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: 0.605 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU035104.D

Acq: 11 Oct 2019 21:10

Tgt Ion: 95 Resp: 8317

Ion Ratio Lower Upper

95 100

97 61.1 44.5 82.7

132 97.4 66.6 123.8

130 99.0 68.9 127.9

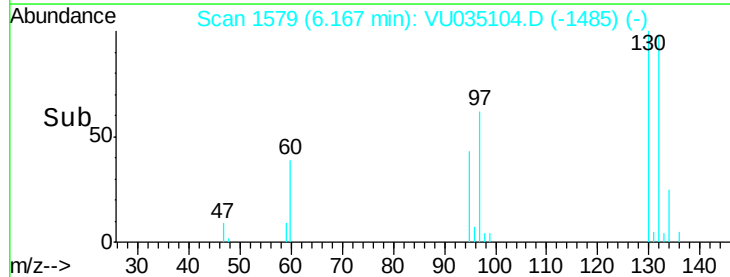
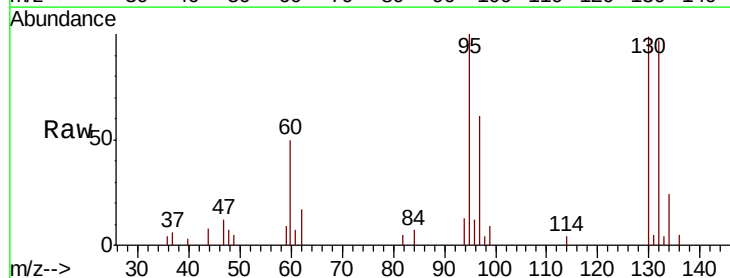
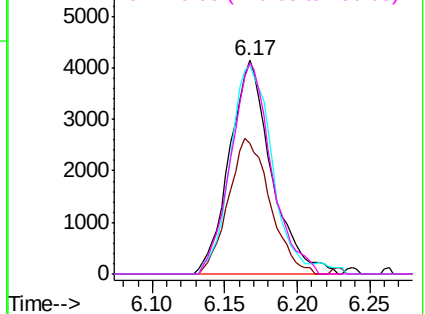
Abundance

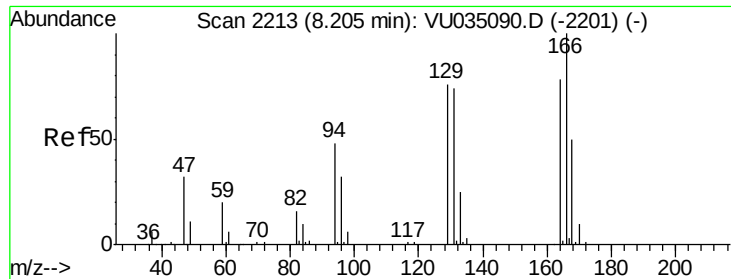
Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): VU0

Ion 129.95 (129.65 to 130.65): VU0





#47

Tetrachloroethene

Concen: 6.912 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

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Tot Ion:164 Resp: 76947

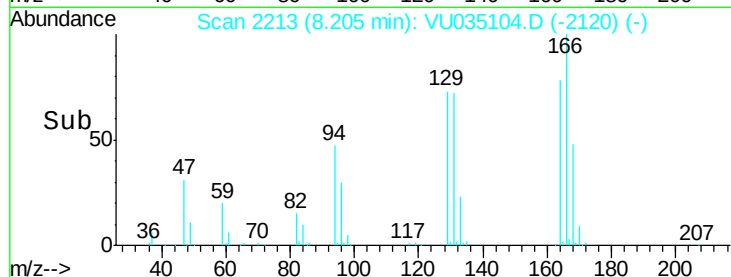
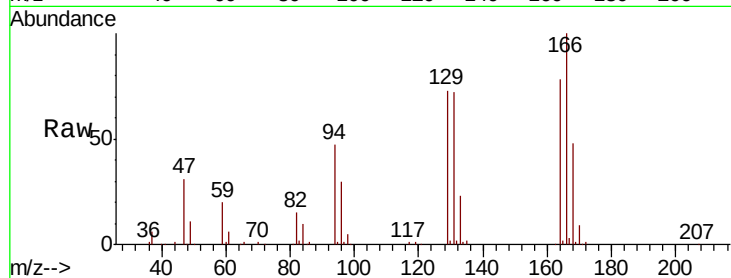
Ion Ratio Lower Upper

164 100

129 93.6 68.5 127.1

131 92.5 67.3 124.9

166 127.7 93.1 172.9



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

