

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035132.D
 Acq On : 12 Oct 2019 09:21
 Operator : JC/SP
 Sample : K5310-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-6D-001-02

Quant Time: Oct 14 03:25:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 14 01:16:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	182513	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	192346	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	72820	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55088	5.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.20%
7) Chloroethane-d5	1.68	69	53588	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.26	63	82413	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	4.17	46	157139	49.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.92%
24) Chloroform-d	4.62	84	99750	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.29	65	59833	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.32	84	199758	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.31	67	72430	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.55	98	175155	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.84	79	21197	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.31	63	114327	44.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.60%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	58410	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	63199	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

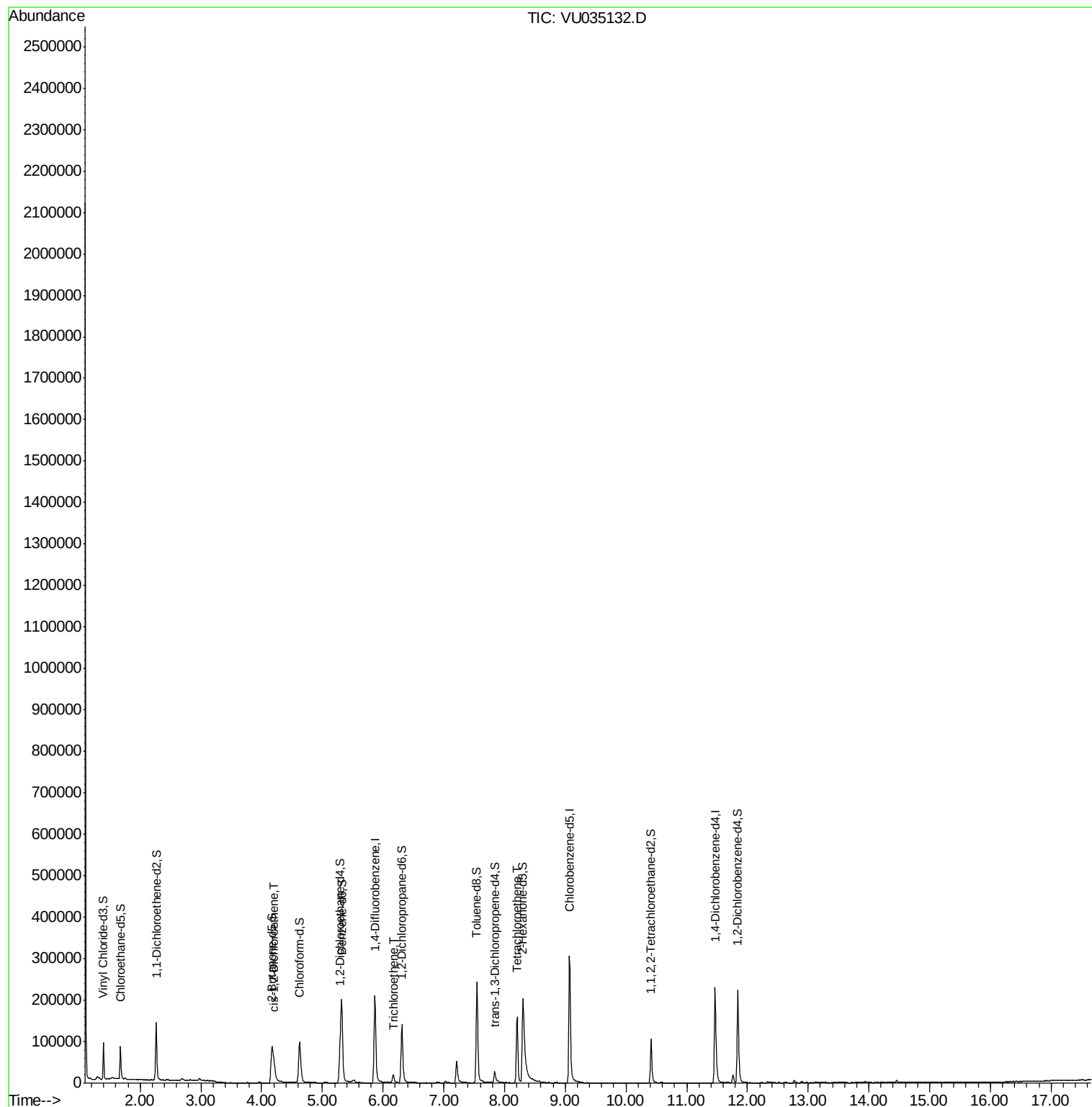
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	4.21	96	17616	1.258 ug/L	91
34) Trichloroethene	6.17	95	7251	0.485 ug/L	91
47) Tetrachloroethene	8.21	164	35460	2.932 ug/L	95

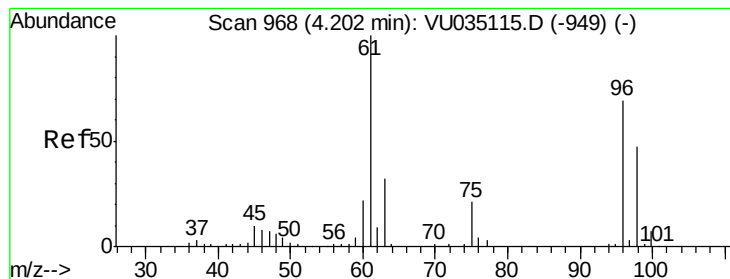
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 1.258 ug/L

RT: 4.21 min Scan# 969

Delta R.T. 0.00 min

Lab File: VU035132.D

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MW-6D-001-02

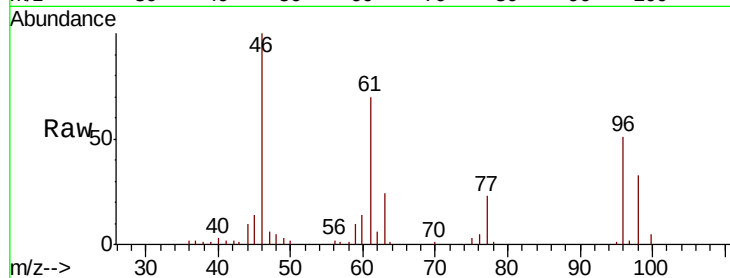
Tot Ion: 96 Resp: 17616

Ion Ratio Lower Upper

96 100

61 137.3 89.2 165.6

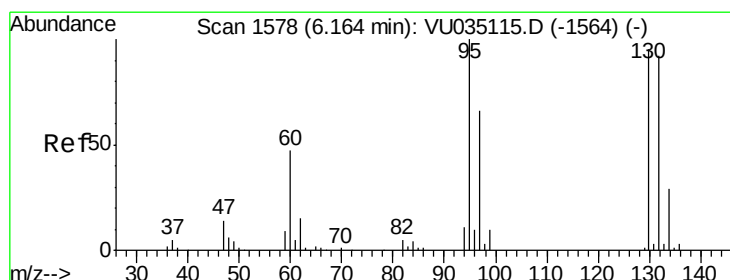
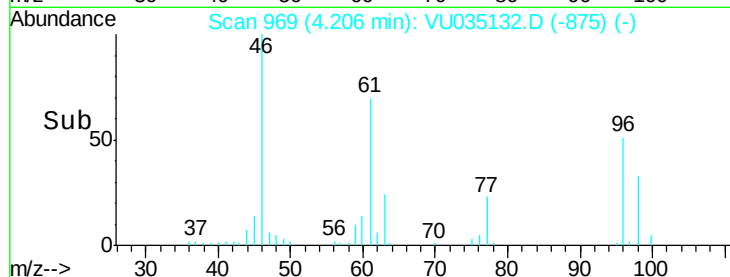
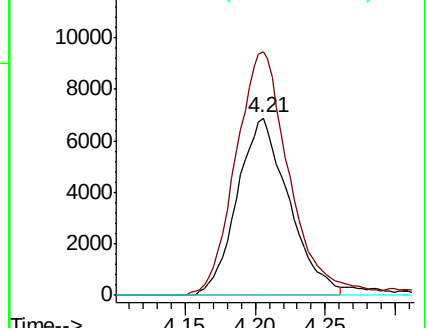
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035115.D (-949) (-)

Ion 61.05 (60.75 to 61.75): VU035115.D (-949) (-)

Ion 68.15 (67.85 to 68.85): VU035115.D (-949) (-)



#34

Trichloroethene

Concen: 0.485 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU035132.D

Acq: 12 Oct 2019 09:21

Tgt Ion: 95 Resp: 7251

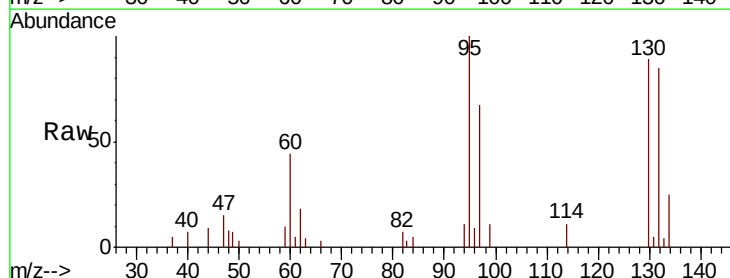
Ion Ratio Lower Upper

95 100

97 66.7 44.5 82.7

132 84.8 66.6 123.8

130 89.1 68.9 127.9

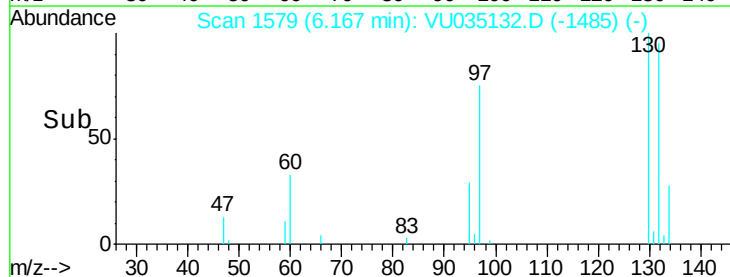
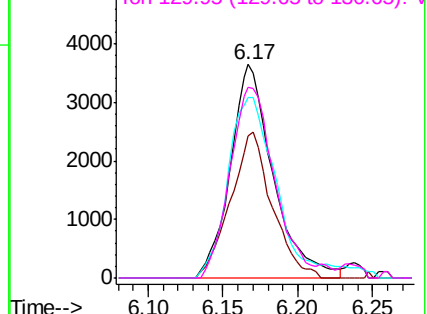


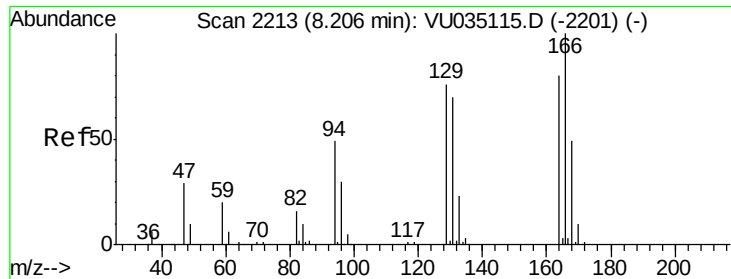
Abundance Ion 95.00 (94.70 to 95.70): VU035115.D (-1564) (-)

Ion 96.95 (96.65 to 97.65): VU035115.D (-1564) (-)

Ion 131.95 (131.65 to 132.65): VU035115.D (-1564) (-)

Ion 129.95 (129.65 to 130.65): VU035115.D (-1564) (-)





#47

Tetrachloroethene

Concen: 2.932 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU035132.D

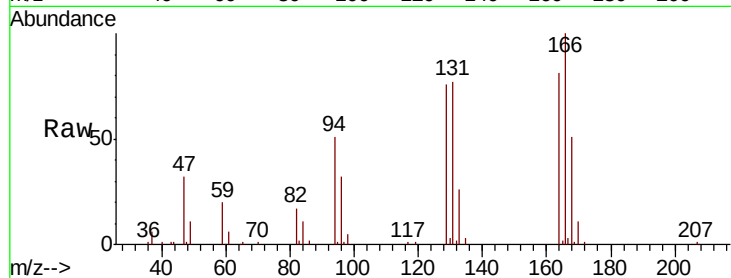
Acq: 12 Oct 2019 09:21

Instrument :

MSVOA_U

ClientSampleId :

MW-6D-001-02



Tot Ion:164 Resp: 35460

Ion Ratio Lower Upper

164 100

129 94.3 68.5 127.1

131 95.4 67.3 124.9

166 123.3 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

