

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035114.D
 Acq On : 12 Oct 2019 01:14
 Operator : JC/SP
 Sample : K5310-22 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OU2-MW-4-001-01

Quant Time: Oct 12 05:00:16 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	172871	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	178966	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	64491	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52107	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.68	69	51148	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.26	63	78945	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.17	46	146156	48.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.14%
24) Chloroform-d	4.62	84	92557	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.29	65	57052	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.32	84	193455	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.31	67	69918	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.55	98	169200	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.84	79	19493	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.30	63	102368	42.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.26%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57280	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	55984	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

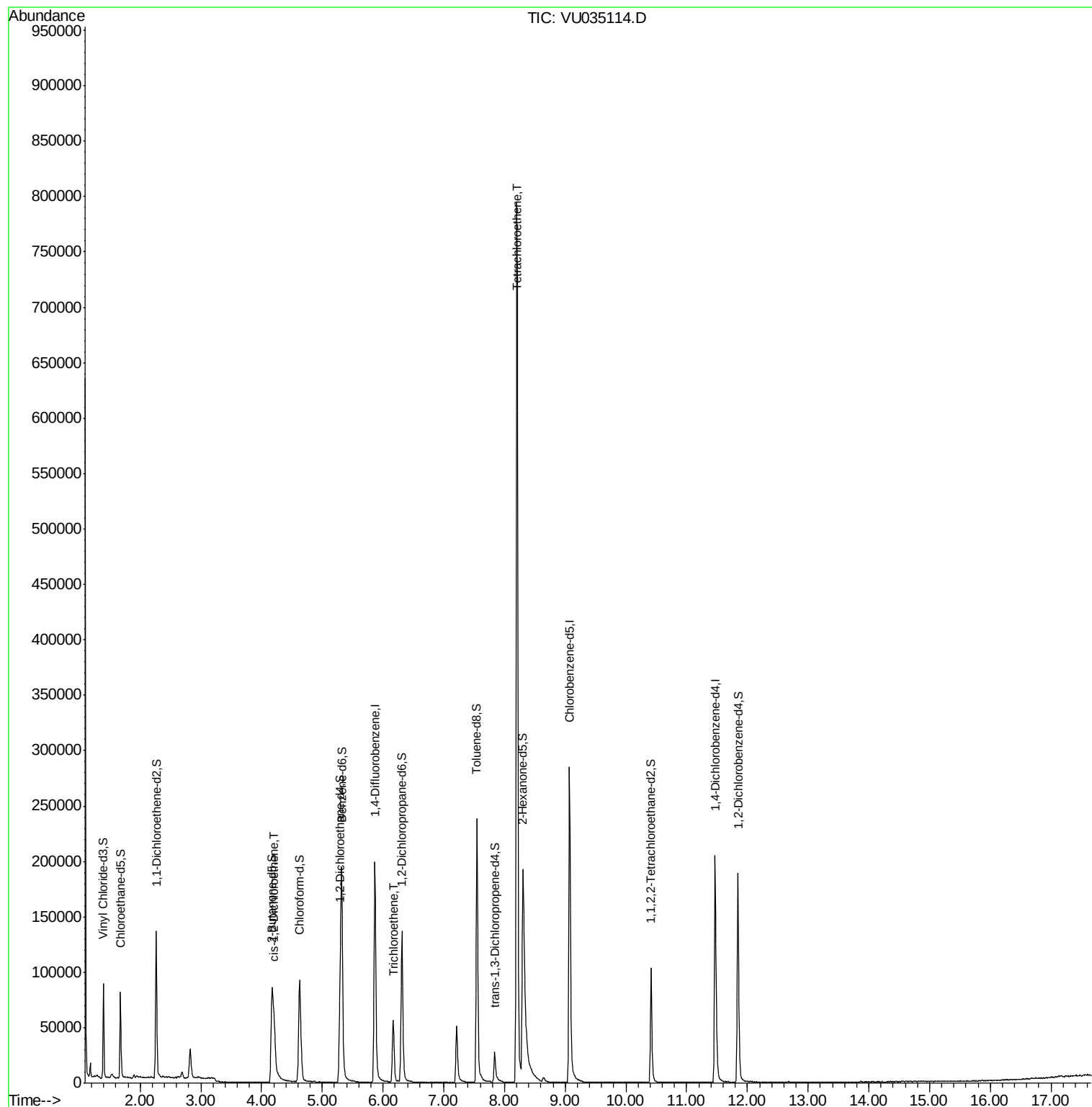
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	4.21	96	17493	1.319 ug/L	93
34) Trichloroethene	6.17	95	20374	1.465 ug/L	96
47) Tetrachloroethene	8.21	164	182199	16.190 ug/L	95

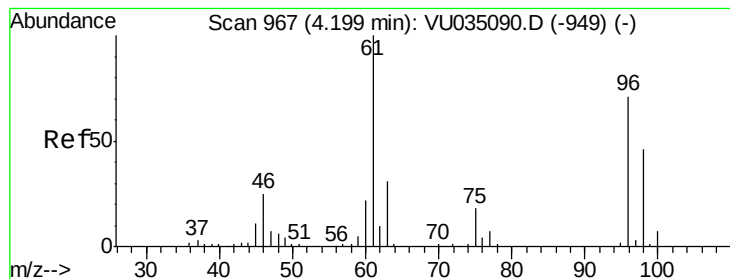
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 1.319 ug/L

RT: 4.21 min Scan# 969

Delta R.T. 0.01 min

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OU2-MW-4-001-01

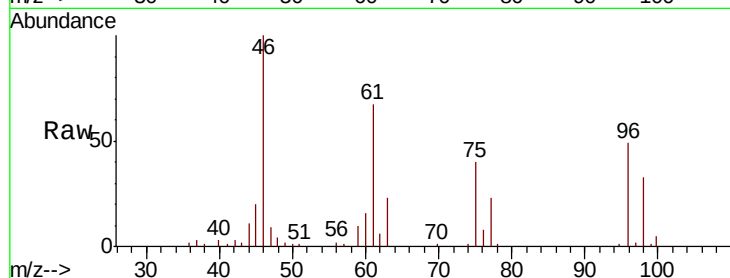
Tot Ion: 96 Resp: 17493

Ion Ratio Lower Upper

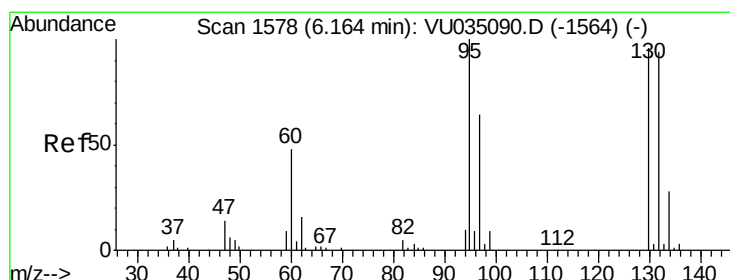
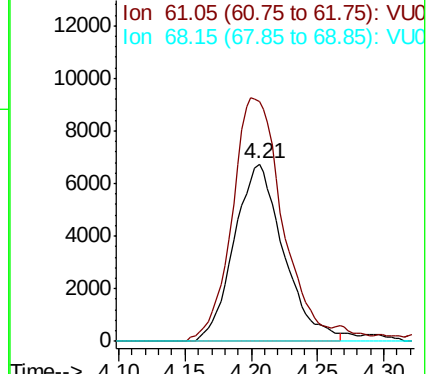
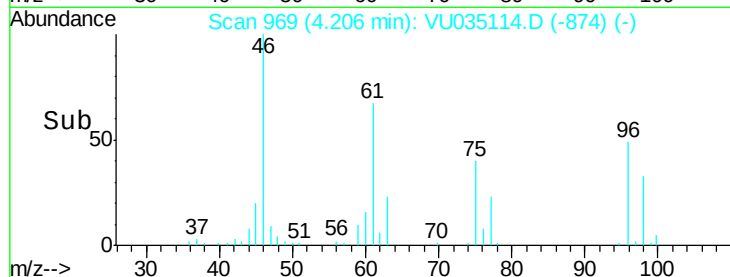
96 100

61 134.9 89.2 165.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035114.D (-874) (-)



#34

Trichloroethene

Concen: 1.465 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU035114.D

Acq: 12 Oct 2019 01:14

Tgt Ion: 95 Resp: 20374

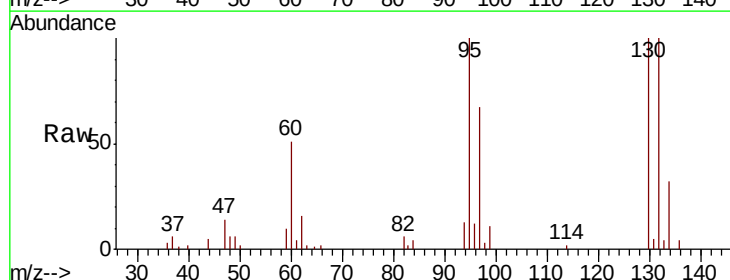
Ion Ratio Lower Upper

95 100

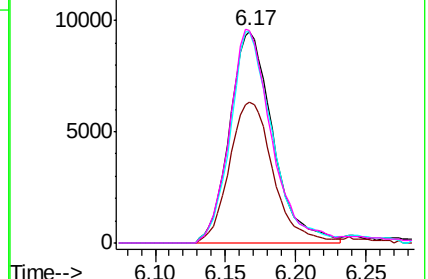
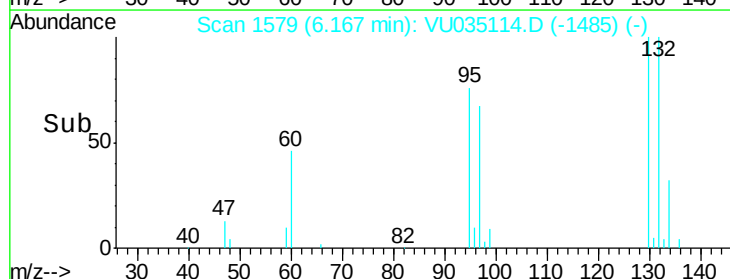
97 66.8 44.5 82.7

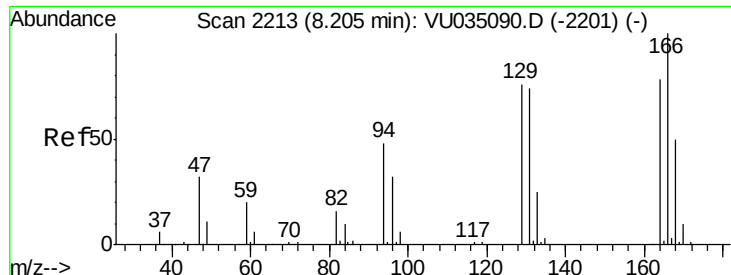
132 100.1 66.6 123.8

130 100.5 68.9 127.9



Abundance Ion 95.00 (94.70 to 95.70): VU035114.D (-1485) (-)





#47

Tetrachloroethene

Concen: 16.190 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU035114.D

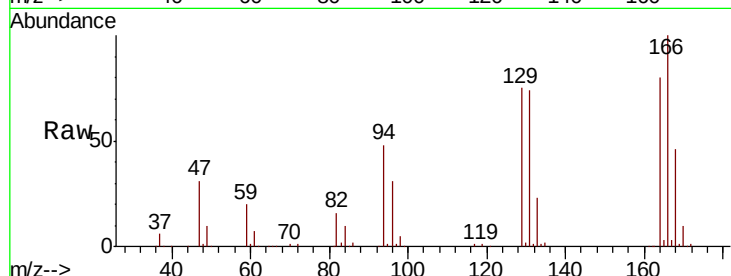
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Tot Ion:164 Resp: 182199

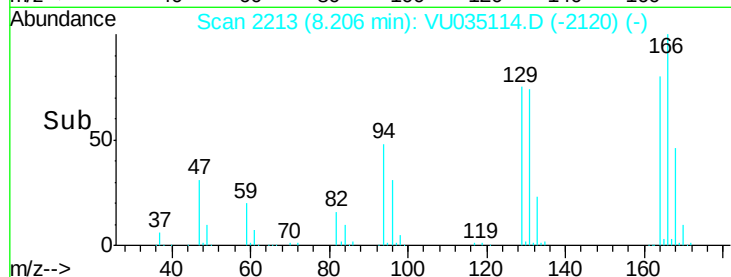
Ion Ratio Lower Upper

164 100

129 93.3 68.5 127.1

131 92.5 67.3 124.9

166 124.5 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

