

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035111.D
 Acq On : 12 Oct 2019 00:01
 Operator : JC/SP
 Sample : K5310-22DL 100X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

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

Quant Time: Oct 12 04:52:41 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	5.87	114	164390	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	173497	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	63384	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53815	5.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.80%
7) Chloroethane-d5	1.68	69	50623	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.60%
11) 1,1-Dichloroethene-d2	2.26	63	77089	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	4.17	46	156295	54.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.24%
24) Chloroform-d	4.62	84	92818	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.29	65	58539	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.32	84	197609	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.31	67	69479	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.55	98	170512	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.84	79	20779	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.31	63	106501	45.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.50%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56469	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	58081	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

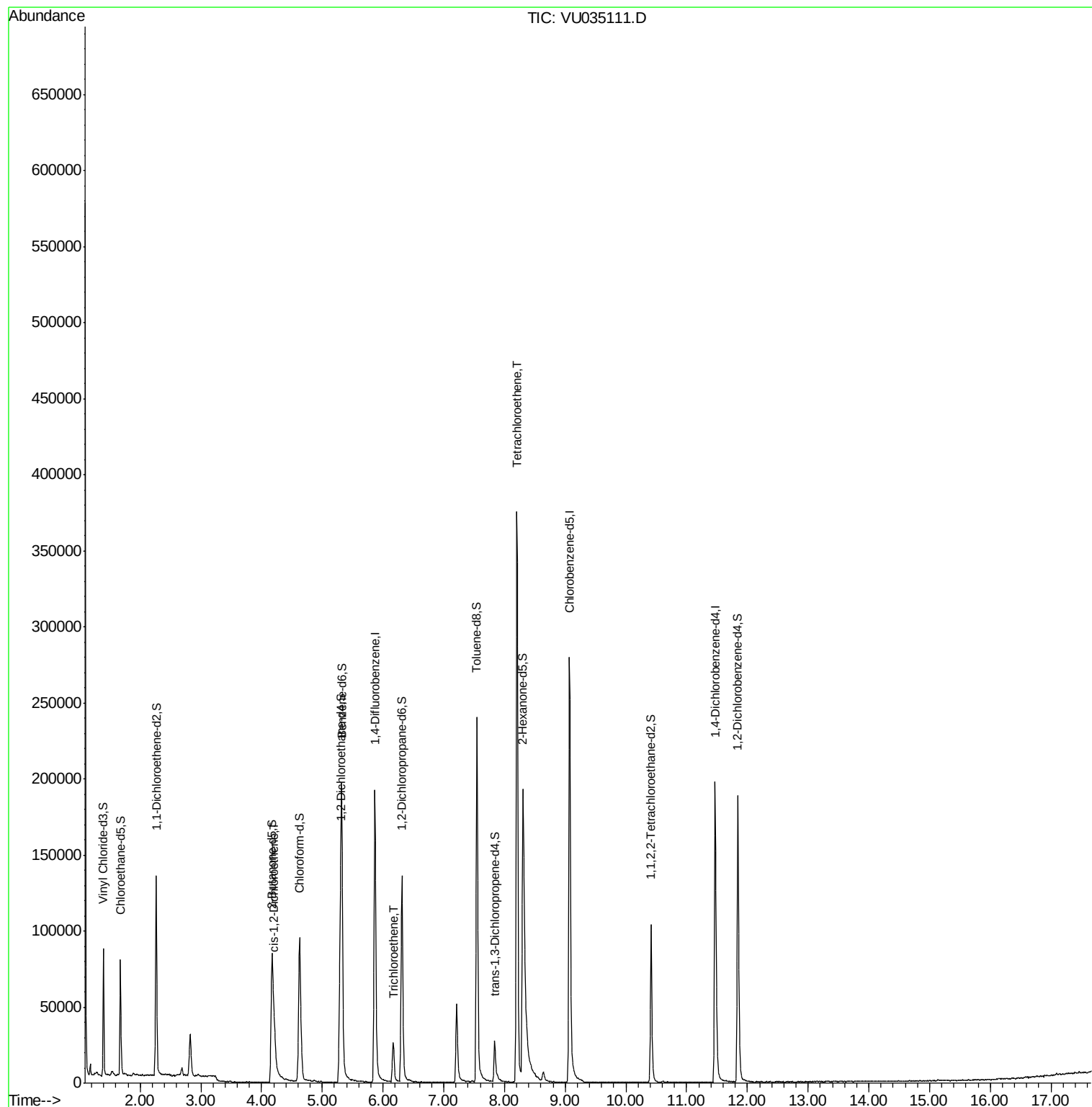
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	4.21	96	7841	0.622 ug/L	91
34) Trichloroethene	6.17	95	10429	0.774 ug/L	97
47) Tetrachloroethene	8.21	164	84020	7.701 ug/L	99

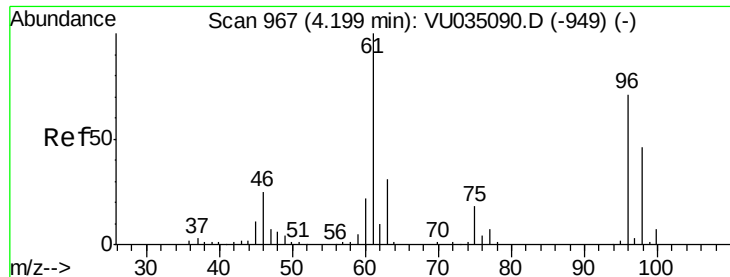
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.622 ug/L

RT: 4.21 min Scan# 969

Delta R.T. 0.01 min

Lab File: VU035111.D

Acq: 12 Oct 2019 00:01

Instrument :

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ClientSampleId :

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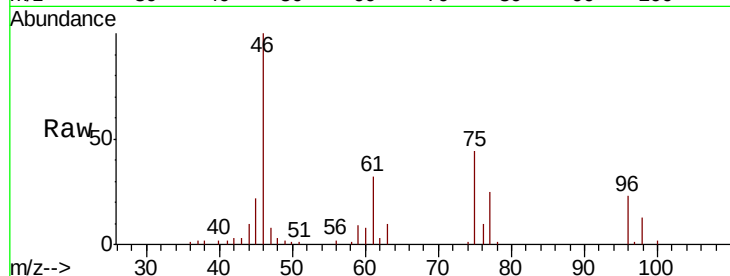
Tot Ion: 96 Resp: 7841

Ion Ratio Lower Upper

96 100

61 137.9 89.2 165.6

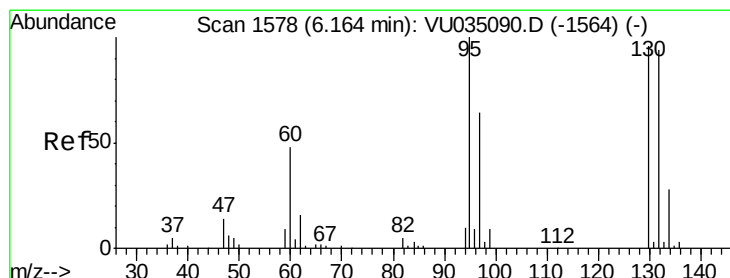
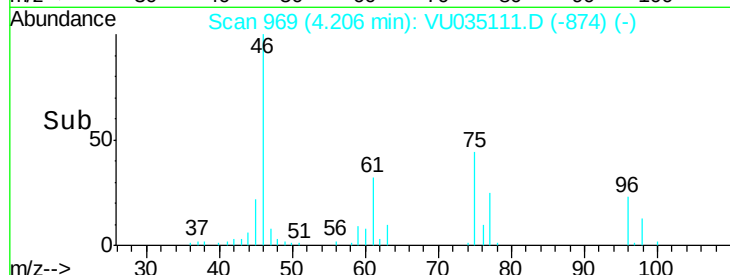
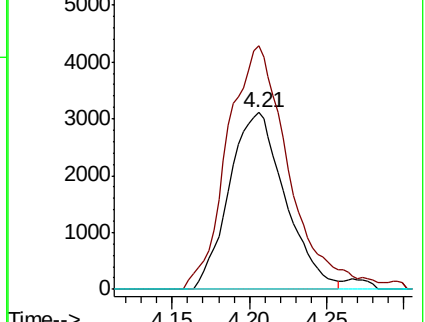
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035111.D (-874) (-)

Ion 61.05 (60.75 to 61.75): VU035111.D (-874) (-)

Ion 68.15 (67.85 to 68.85): VU035111.D (-874) (-)



#34

Trichloroethene

Concen: 0.774 ug/L

RT: 6.17 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VU035111.D

Acq: 12 Oct 2019 00:01

Tgt Ion: 95 Resp: 10429

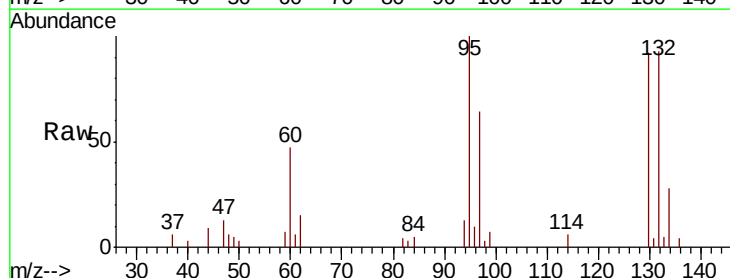
Ion Ratio Lower Upper

95 100

97 63.5 44.5 82.7

132 93.1 66.6 123.8

130 91.6 68.9 127.9

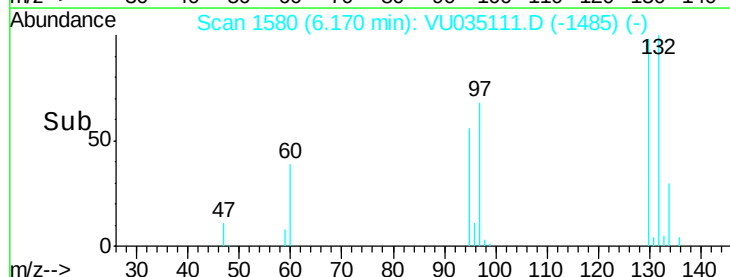
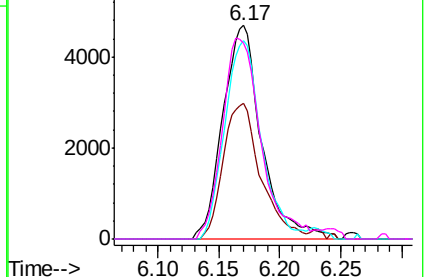


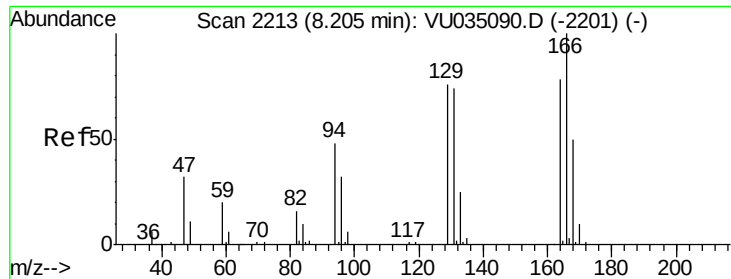
Abundance Ion 95.00 (94.70 to 95.70): VU035111.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VU035111.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VU035111.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VU035111.D (-1485) (-)





#47

Tetrachloroethene

Concen: 7.701 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU035111.D

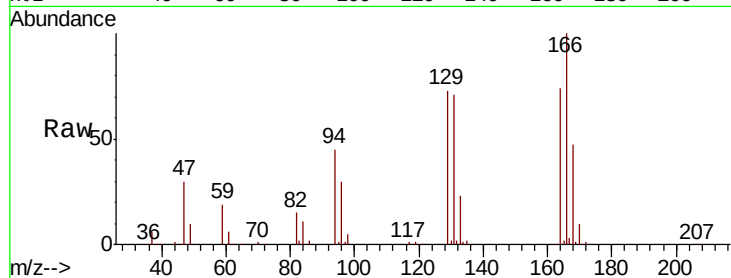
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Tot Ion:164 Resp: 84020

Ion Ratio Lower Upper

164 100

129 98.2 68.5 127.1

131 95.3 67.3 124.9

166 134.2 93.1 172.9

