

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101519\
 Data File : VU035186.D
 Acq On : 15 Oct 2019 12:43
 Operator : JC/SP
 Sample : K5311-08DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P0004-TILLET-101005-01DL

Quant Time: Oct 15 16:37:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 15 15:10:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	151342	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	159953	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	56817	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	47072	5.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	1.67	69	43146	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.26	63	64224	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	4.17	46	141996	53.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.80%
24) Chloroform-d	4.62	84	87182	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.29	65	51743	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.32	84	163788	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.31	67	59480	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.55	98	133774	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
43) trans-1,3-Dichloropropene-	7.84	79	18423	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.30	63	96124	44.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.58%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	52352	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	47868	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

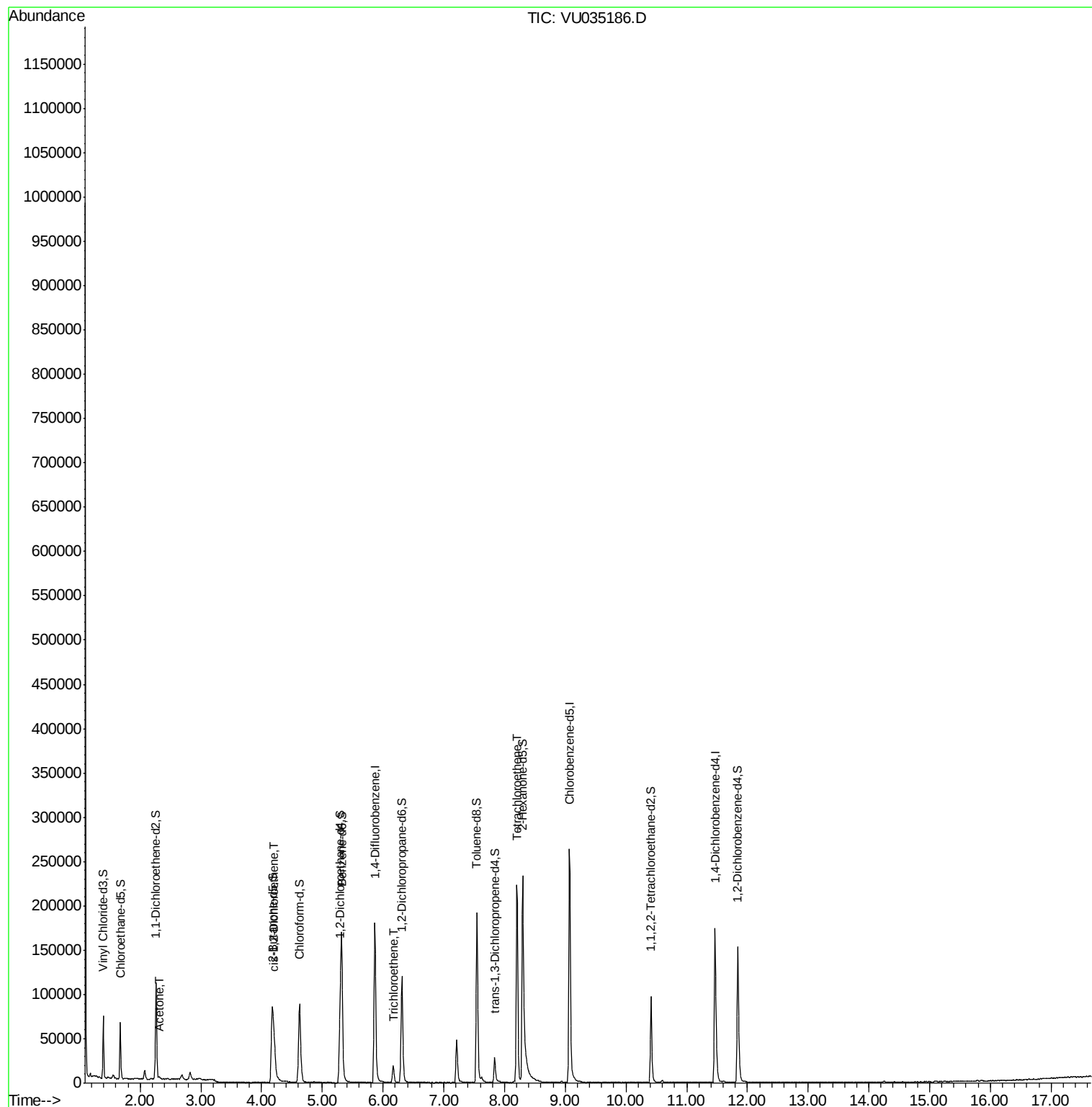
					Ovalue
13) Acetone	2.32	43	2425	1.124 ug/L	99
22) cis-1,2-Dichloroethene	4.20	96	14354	1.236 ug/L	90
34) Trichloroethene	6.17	95	6408	0.516 ug/L	93
47) Tetrachloroethene	8.21	164	50199	4.991 ug/L	95

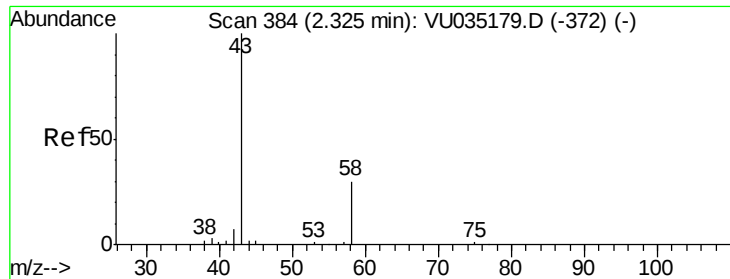
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.124 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

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Acq: 15 Oct 2019 12:43

Instrument :

MSVOA_U

ClientSampleId :

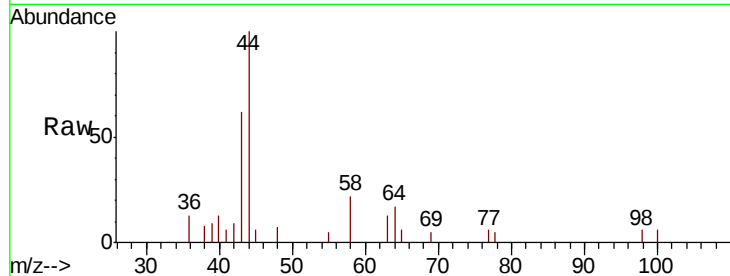
P0004-TILLET-101005-01DL

Tot Ion: 43 Resp: 2425

Ion Ratio Lower Upper

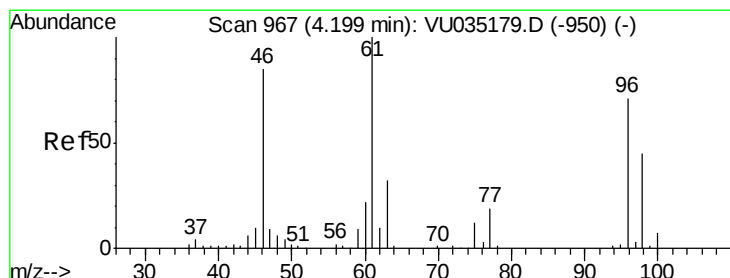
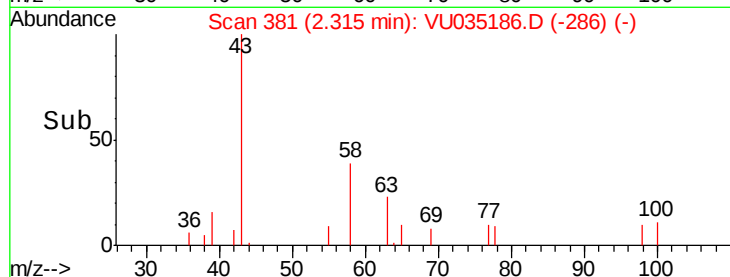
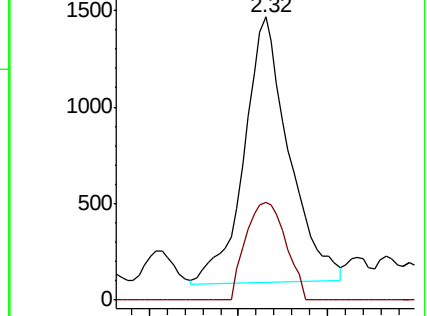
43 100

58 32.8 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#22

cis-1,2-Dichloroethene

Concen: 1.236 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU035186.D

Acq: 15 Oct 2019 12:43

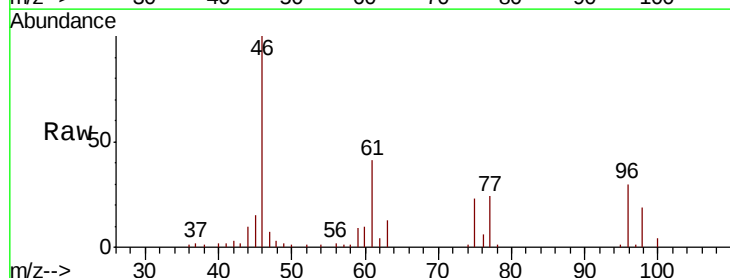
Tgt Ion: 96 Resp: 14354

Ion Ratio Lower Upper

96 100

61 139.3 89.2 165.6

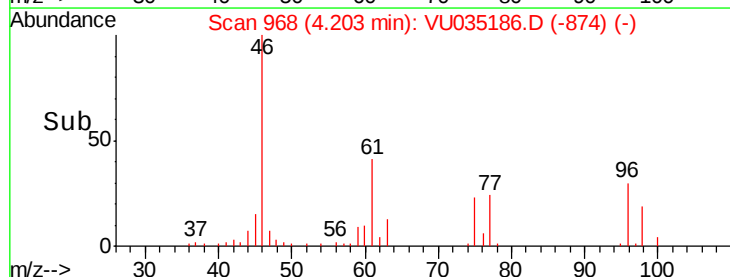
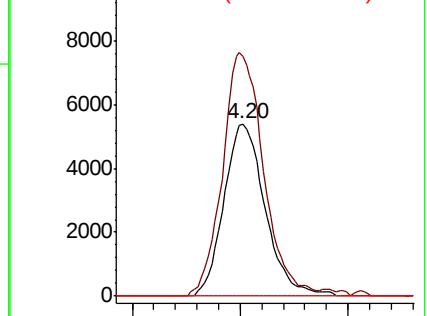
68 0.0 0.0 0.0

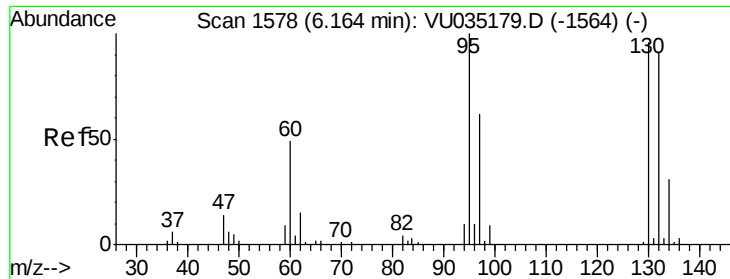


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 0.516 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU035186.D

Acq: 15 Oct 2019 12:43

Instrument :

MSVOA_U

ClientSampleId :

P0004-TILLET-101005-01DL

Tot Ion: 95 Resp: 6408

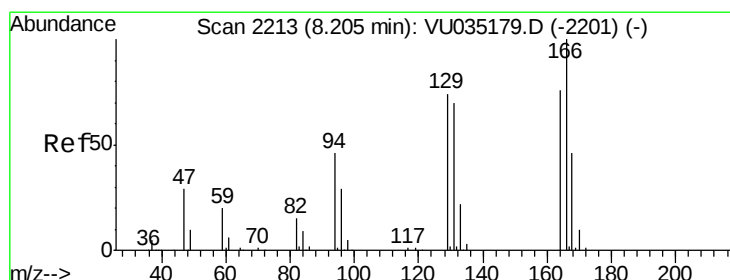
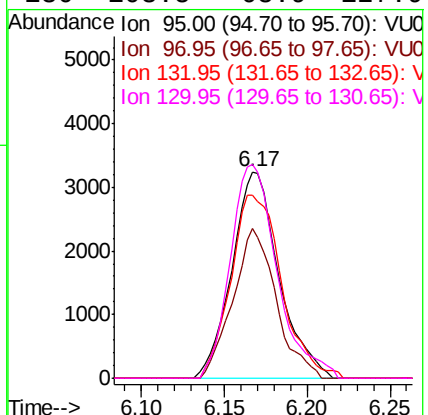
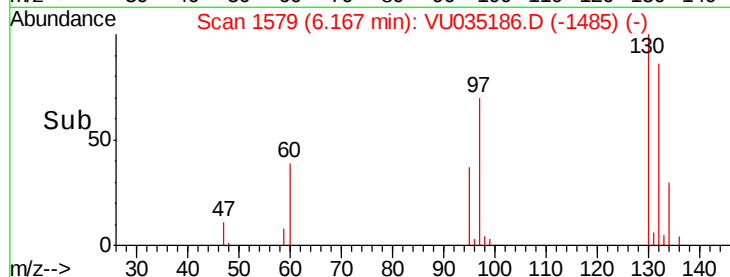
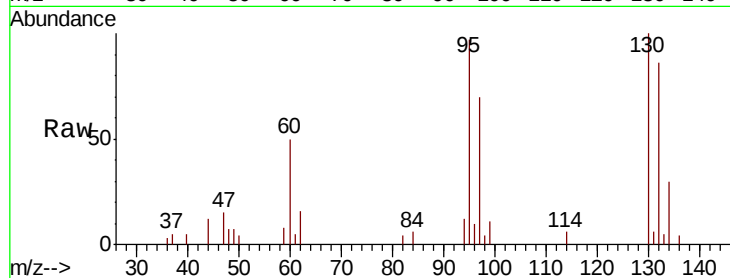
Ion Ratio Lower Upper

95 100

97 72.5 44.5 82.7

132 88.7 66.6 123.8

130 103.5 68.9 127.9



#47

Tetrachloroethene

Concen: 4.991 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU035186.D

Acq: 15 Oct 2019 12:43

Tgt Ion: 164 Resp: 50199

Ion Ratio Lower Upper

164 100

129 97.0 68.5 127.1

131 91.0 67.3 124.9

166 124.0 93.1 172.9

