

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101419\
 Data File : VU035165.D
 Acq On : 14 Oct 2019 21:25
 Operator : JC/SP
 Sample : K5311-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Oct 15 16:46:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 15 07:54:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	152482	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	161752	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	57011	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44696	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	1.68	69	45351	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.26	63	65881	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.17	46	142191	53.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.14%
24) Chloroform-d	4.63	84	81928	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.29	65	51894	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.32	84	169384	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.31	67	61840	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.55	98	147239	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	7.84	79	17246	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.31	63	101847	46.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.86%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	51544	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	49959	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

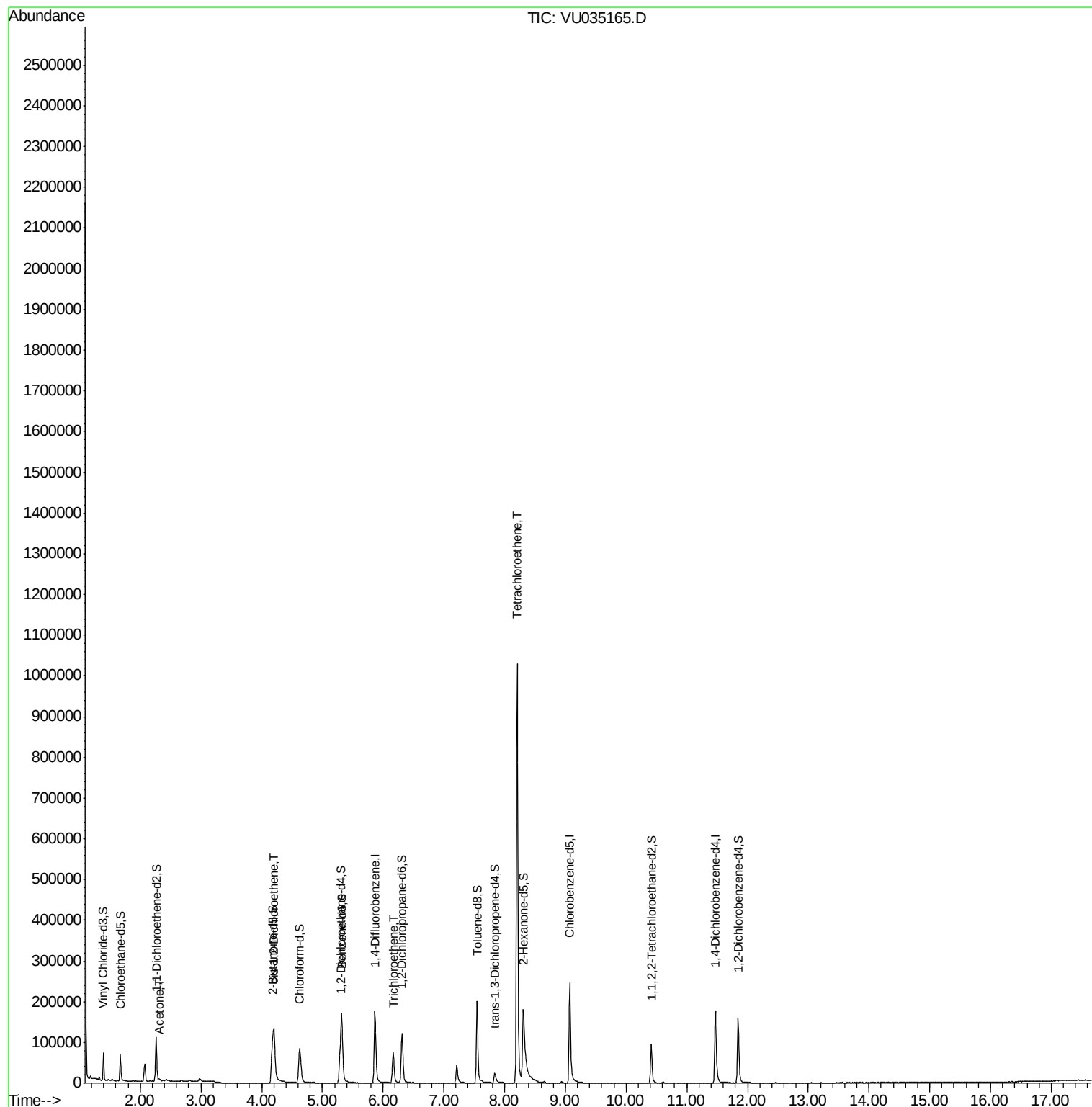
					Qvalue
13) Acetone	2.31	43	5022	2.310 ug/L	87
22) cis-1,2-Dichloroethene	4.20	96	61749	5.278 ug/L	91
34) Trichloroethene	6.17	95	28524	2.270 ug/L	93
47) Tetrachloroethene	8.21	164	234374	23.043 ug/L	95

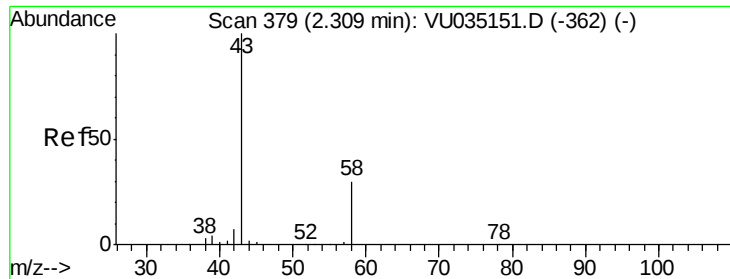
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.310 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU035165.D

Acq: 14 Oct 2019 21:25

Instrument :

MSVOA_U

ClientSampleId :

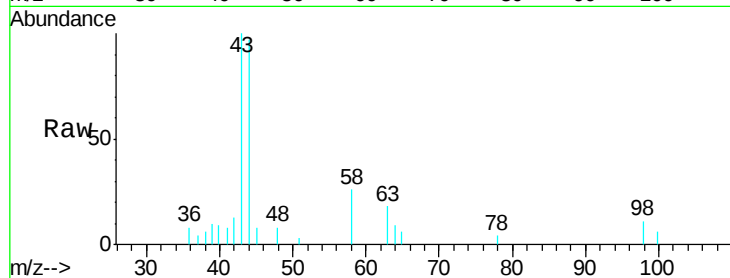
P0004-TILLET-101005-01

Tgt Ion: 43 Resp: 5022

Ion Ratio Lower Upper

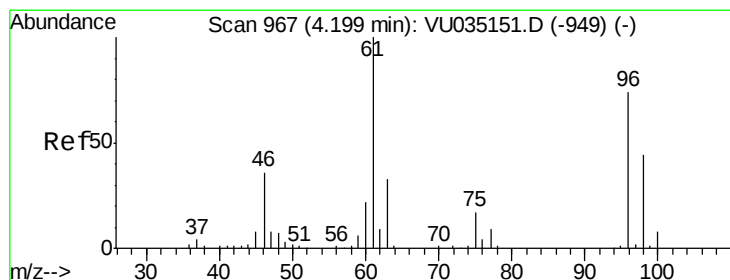
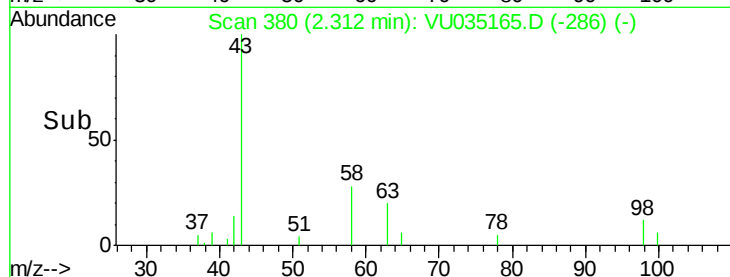
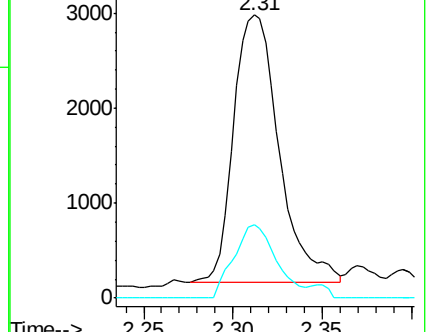
43 100

58 25.7 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035151.D (-362) (-)

Ion 58.05 (57.75 to 58.75): VU035151.D (-362) (-)



#22

cis-1,2-Dichloroethene

Concen: 5.278 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU035165.D

Acq: 14 Oct 2019 21:25

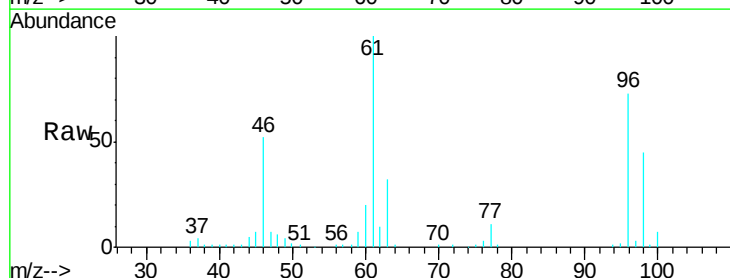
Tgt Ion: 96 Resp: 61749

Ion Ratio Lower Upper

96 100

61 137.4 89.2 165.6

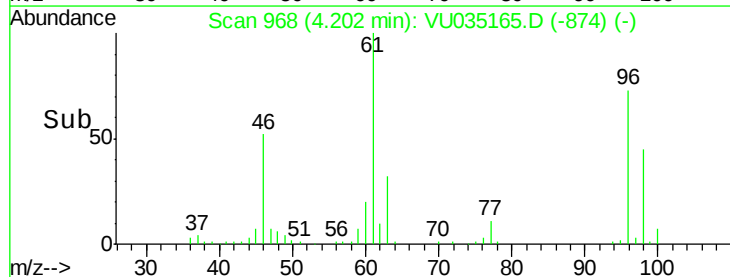
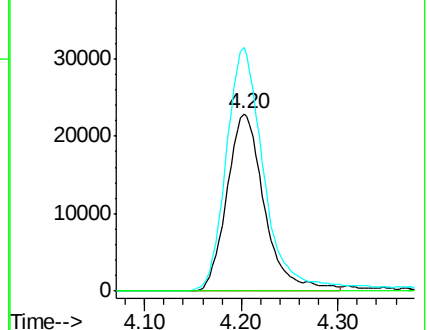
68 0.0 0.0 0.0

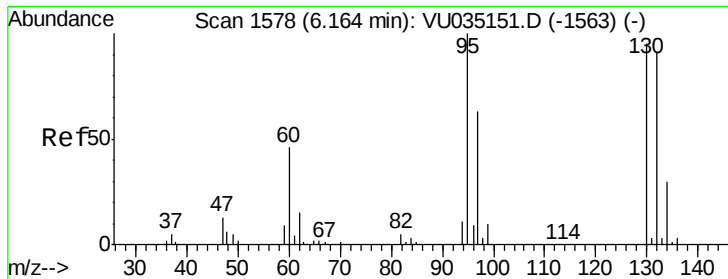


Abundance Ion 96.00 (95.70 to 96.70): VU035151.D (-949) (-)

Ion 61.05 (60.75 to 61.75): VU035151.D (-949) (-)

Ion 68.15 (67.85 to 68.85): VU035151.D (-949) (-)





#34

Trichloroethene

Concen: 2.270 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU035165.D

Acq: 14 Oct 2019 21:25

Instrument :

MSVOA_U

ClientSampleId :

P0004-TILLET-101005-01

Tgt Ion: 95 Resp: 28524

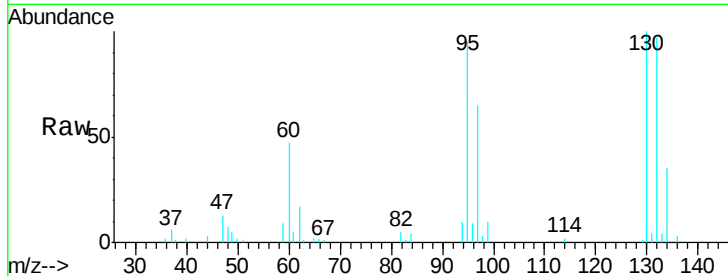
Ion Ratio Lower Upper

95 100

97 68.6 44.5 82.7

132 101.7 66.6 123.8

130 104.8 68.9 127.9

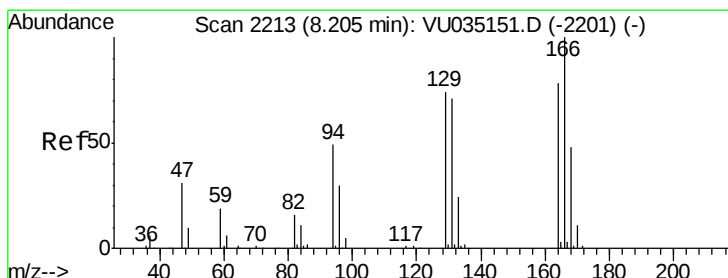
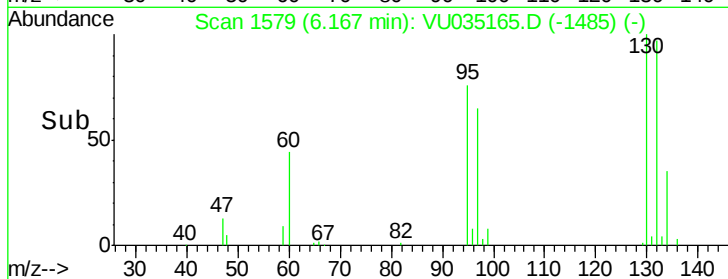
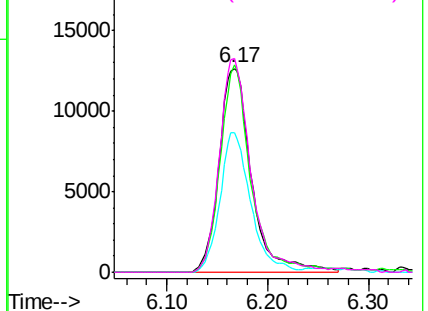


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 23.043 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU035165.D

Acq: 14 Oct 2019 21:25

Tgt Ion: 164 Resp: 234374

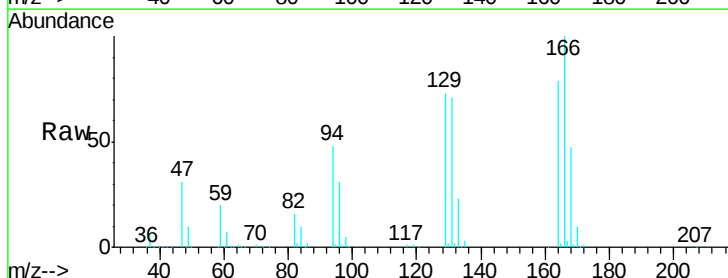
Ion Ratio Lower Upper

164 100

129 93.1 68.5 127.1

131 90.5 67.3 124.9

166 127.2 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

