

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090819\
 Data File : VU034404.D
 Acq On : 08 Sep 2019 01:28
 Operator : JC/SP
 Sample : K4703-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFD89

Quant Time: Sep 09 06:01:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Sep 08 03:44:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	275035	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	282856	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	125768	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73273	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.68	69	68780	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.26	63	108527	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.17	46	201876	47.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.36%
24) Chloroform-d	4.63	84	162007	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.29	65	77529	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.32	84	330502	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.31	67	106215	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.55	98	277317	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	7.83	79	32003	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.30	63	140943	39.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.86%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	82270	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	113369	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

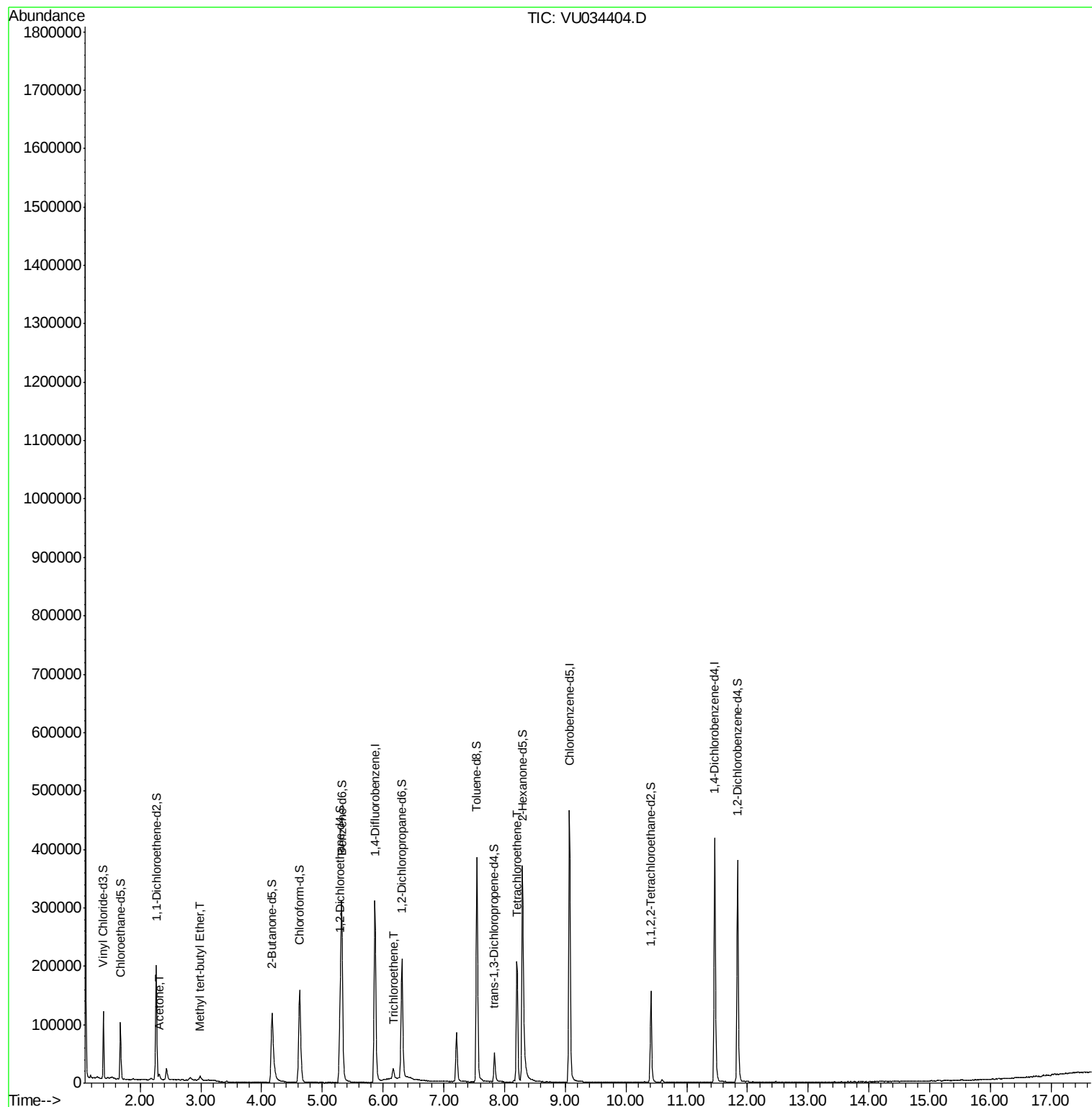
					Ovalue
13) Acetone	2.31	43	8600	3.002 ug/L	95
17) Methyl tert-butyl Ether	2.99	73	6459	0.152 ug/L #	82
34) Trichloroethene	6.17	95	6145	0.279 ug/L	96
47) Tetrachloroethene	8.21	164	52504	2.897 ug/L	93

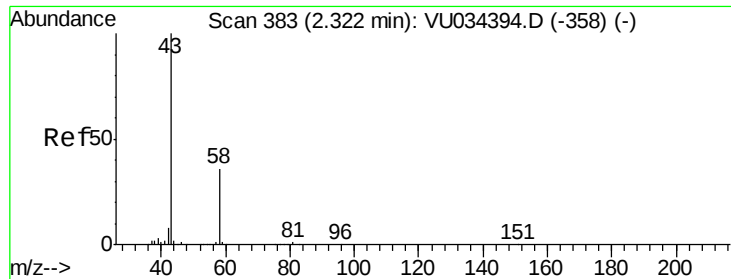
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.002 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

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Acq: 08 Sep 2019 01:28

Instrument :

MSVOA_U

ClientSampleId :

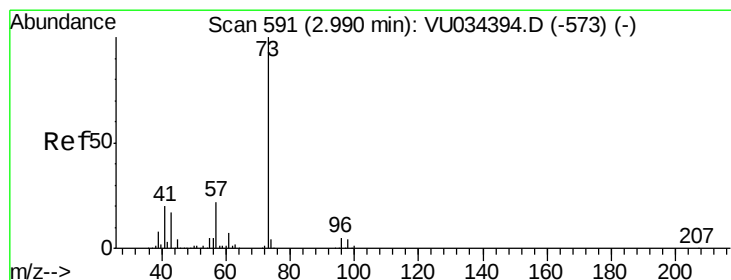
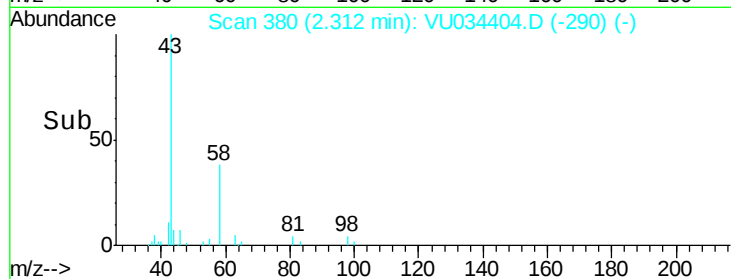
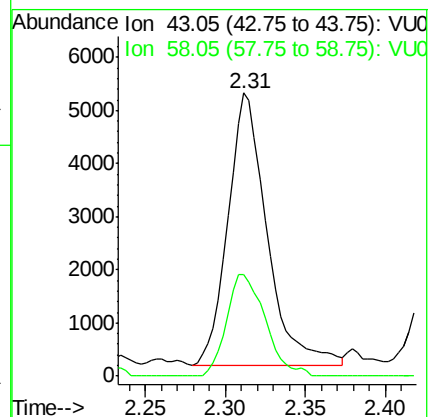
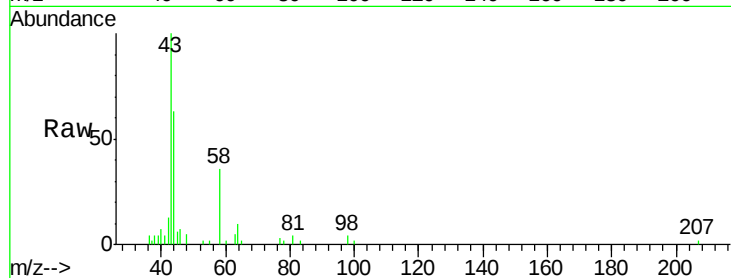
BFD89

Tot Ion: 43 Resp: 8600

Ion Ratio Lower Upper

43 100

58 36.8 0.0 67.6



#17

Methyl tert-butyl Ether

Concen: 0.152 ug/L

RT: 2.99 min Scan# 591

Delta R.T. -0.00 min

Lab File: VU034404.D

Acq: 08 Sep 2019 01:28

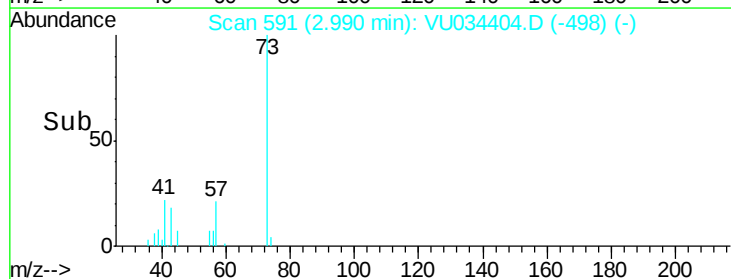
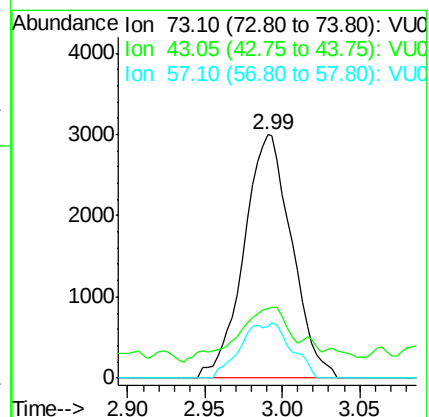
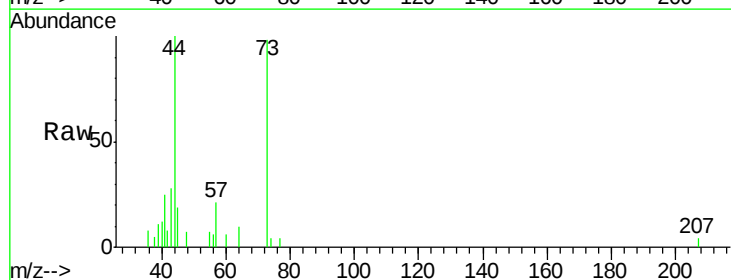
Tgt Ion: 73 Resp: 6459

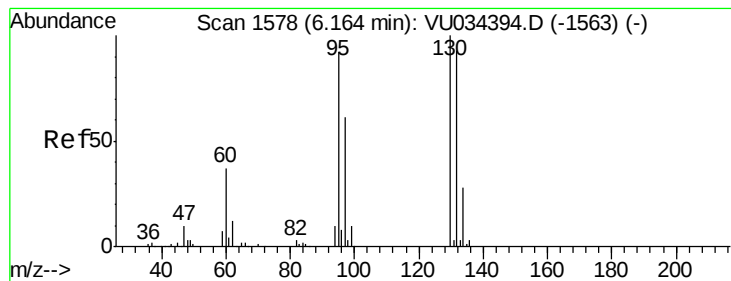
Ion Ratio Lower Upper

73 100

43 23.6 14.7 22.1#

57 11.6 18.6 27.8#





#34

Trichloroethene

Concen: 0.279 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034404.D

Acq: 08 Sep 2019 01:28

Instrument :

MSVOA_U

ClientSampleId :

BFD89

Tot Ion: 95 Resp: 6145

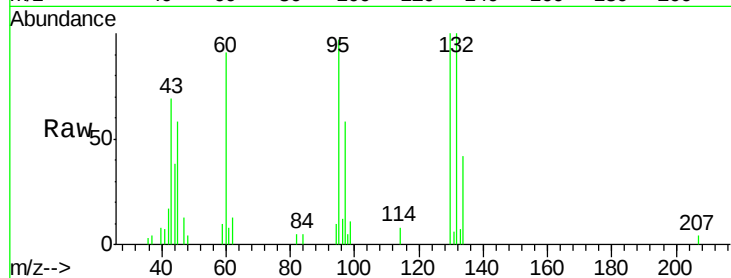
Ion Ratio Lower Upper

95 100

97 59.5 43.3 80.5

132 103.5 68.6 127.4

130 103.0 70.5 130.9

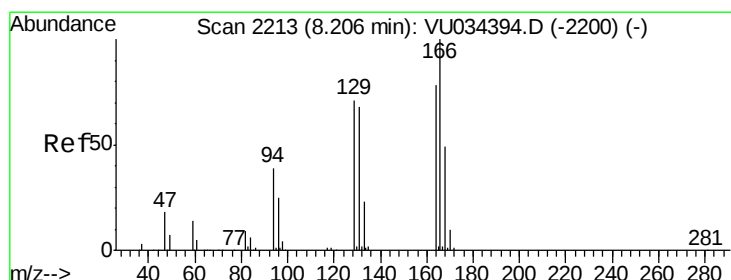
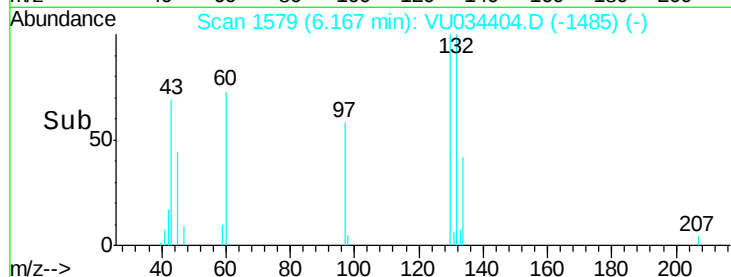
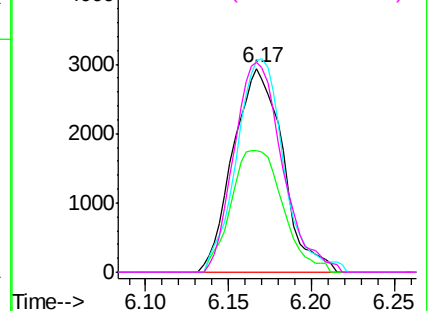


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 2.897 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034404.D

Acq: 08 Sep 2019 01:28

Tgt Ion: 164 Resp: 52504

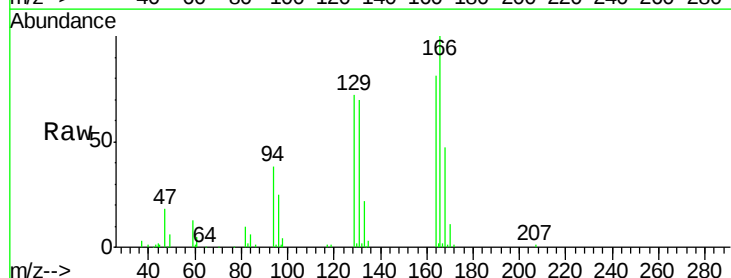
Ion Ratio Lower Upper

164 100

129 88.5 68.0 126.2

131 86.6 64.6 120.0

166 123.3 92.0 170.8



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

