

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101119\
 Data File : VU035069.D
 Acq On : 11 Oct 2019 00:16
 Operator : JC/SP
 Sample : K5310-20 200X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OU2-MW-2-001-01

Quant Time: Oct 11 06:06:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 11 04:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	156865	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	162586	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	61567	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	34447	3.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.40%
7) Chloroethane-d5	1.68	69	36799	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.26	63	51887	2.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.00%#
20) 2-Butanone-d5	4.17	46	147451	54.00	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.00%
24) Chloroform-d	4.63	84	81882	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.29	65	50641	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.32	84	165485	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.31	67	60346	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.55	98	139152	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
43) trans-1,3-Dichloropropene-	7.84	79	16077	3.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.20%
46) 2-Hexanone-d5	8.30	63	101574	46.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.12%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	54435	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	53451	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

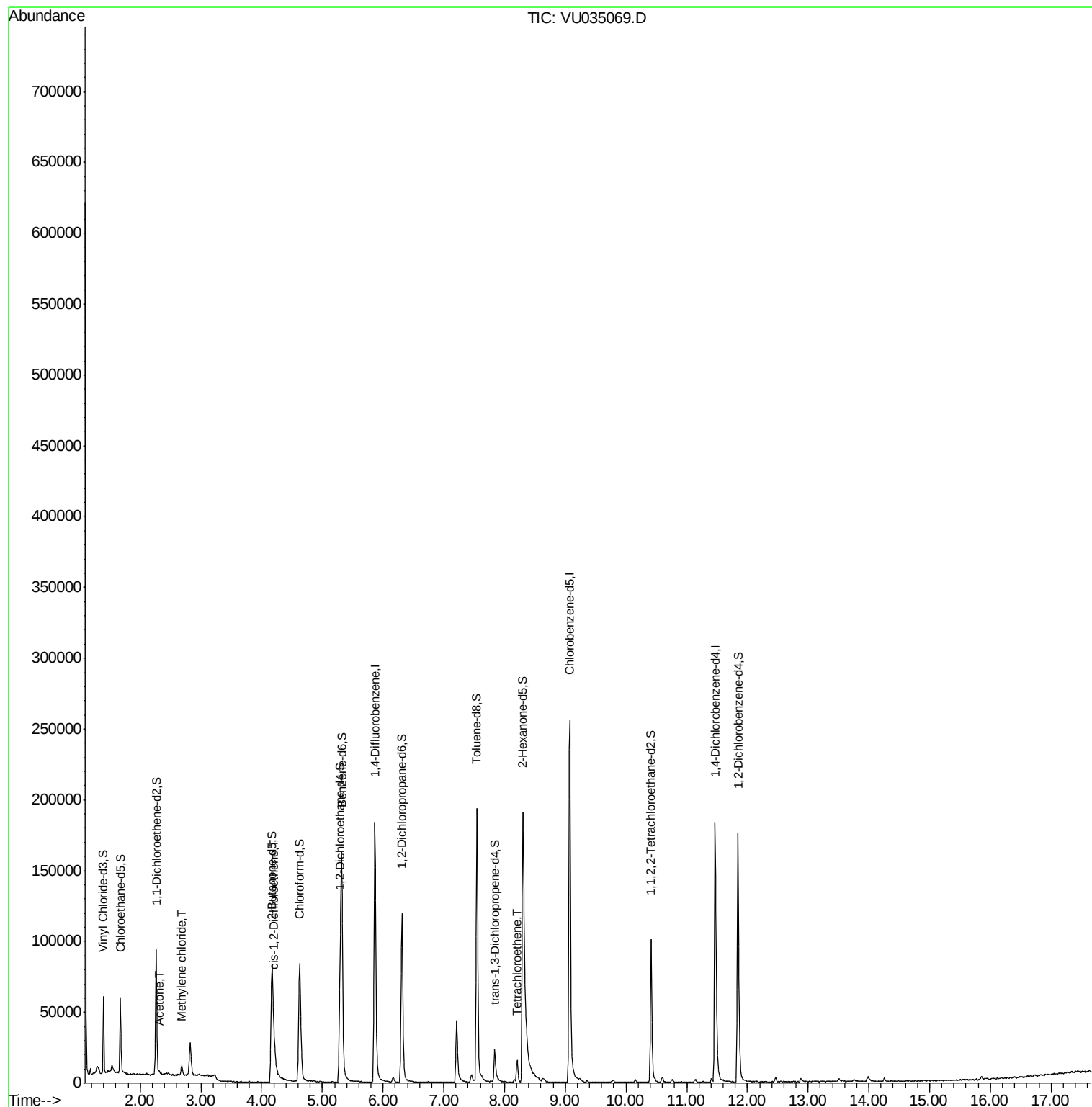
					Ovalue
13) Acetone	2.31	43	2408	1.077 ug/L	91
16) Methylene chloride	2.68	84	2576	0.207 ug/L	90
22) cis-1,2-Dichloroethene	4.21	96	4248	0.353 ug/L	91
47) Tetrachloroethene	8.21	164	3601	0.352 ug/L	95

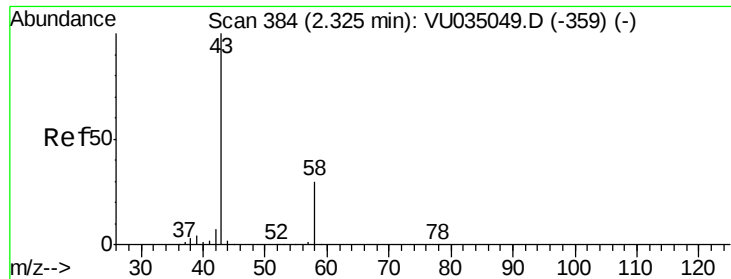
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.077 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.02 min

Lab File: VU035069.D

Acq: 11 Oct 2019 00:16

Instrument :

MSVOA_U

ClientSampleId :

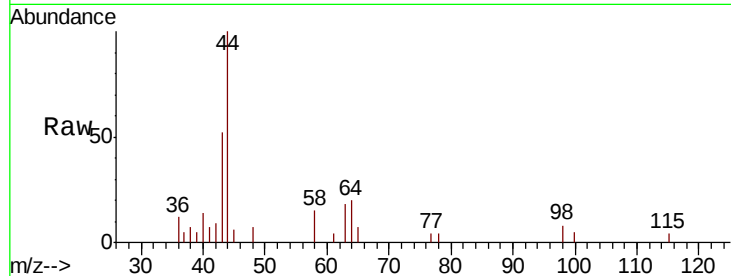
OU2-MW-2-001-01

Tot Ion: 43 Resp: 2408

Ion Ratio Lower Upper

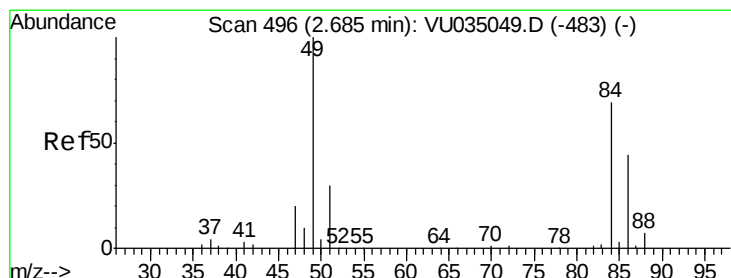
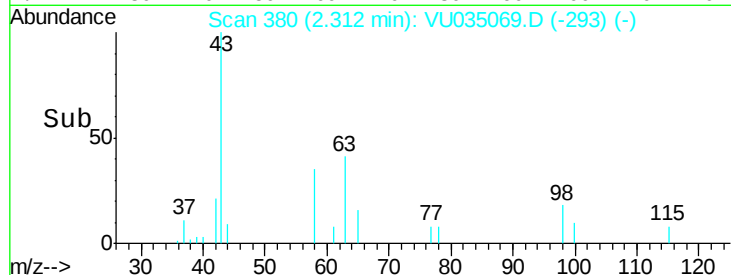
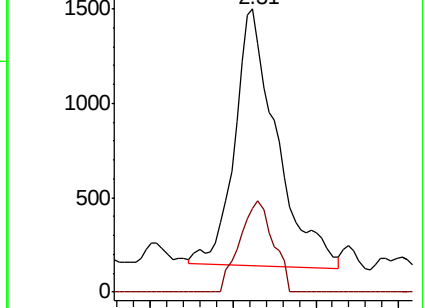
43 100

58 28.2 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035069.D (-293) (-)

Ion 58.05 (57.75 to 58.75): VU035069.D (-293) (-)



#16

Methylene chloride

Concen: 0.207 ug/L

RT: 2.68 min Scan# 496

Delta R.T. 0.00 min

Lab File: VU035069.D

Acq: 11 Oct 2019 00:16

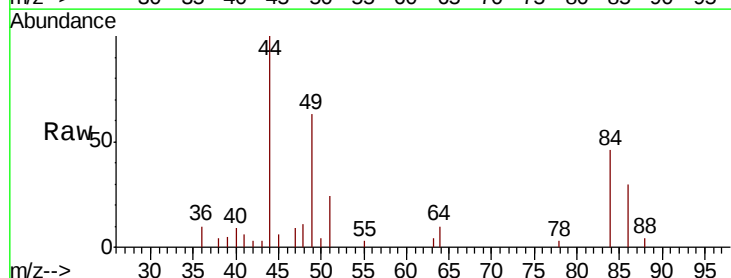
Tgt Ion: 84 Resp: 2576

Ion Ratio Lower Upper

84 100

86 65.3 42.5 78.9

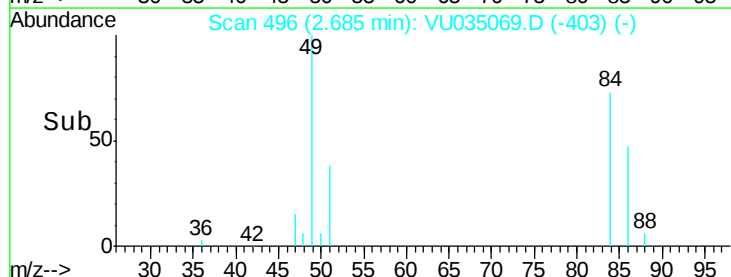
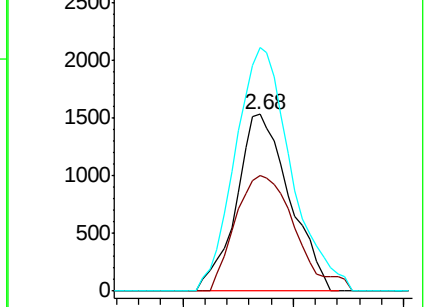
49 137.9 86.9 161.3

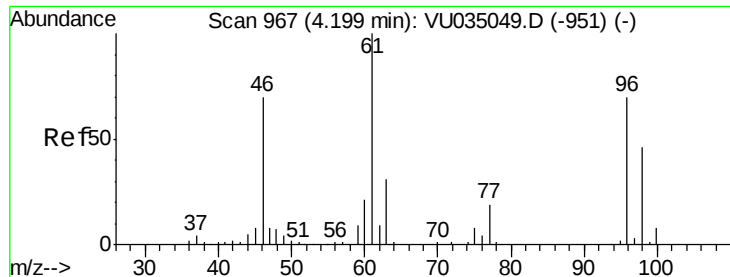


Abundance Ion 84.05 (83.75 to 84.75): VU035069.D (-403) (-)

Ion 86.00 (85.70 to 86.70): VU035069.D (-403) (-)

Ion 49.10 (48.80 to 49.80): VU035069.D (-403) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.353 ug/L

RT: 4.21 min Scan# 969

Delta R.T. 0.01 min

Lab File: VU035069.D

Acq: 11 Oct 2019 00:16

Instrument :

MSVOA_U

ClientSampleId :

OU2-MW-2-001-01

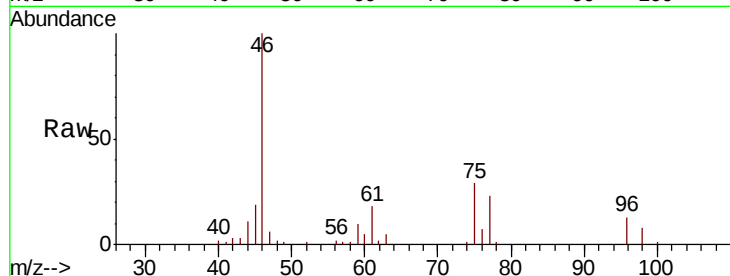
Tot Ion: 96 Resp: 4248

Ion Ratio Lower Upper

96 100

61 138.1 89.2 165.6

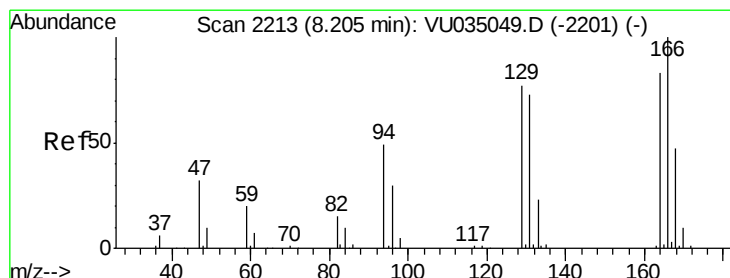
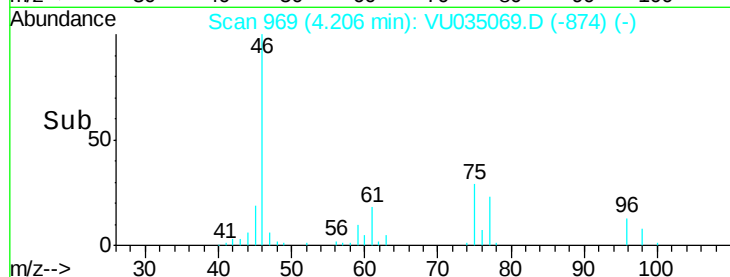
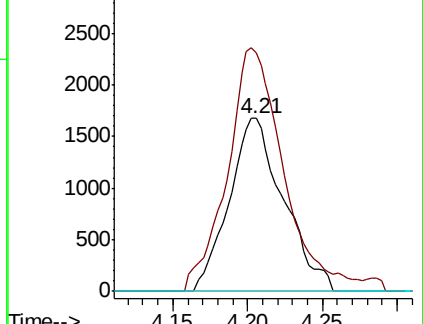
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035069.D (-969) (-)

Ion 61.05 (60.75 to 61.75): VU035069.D (-969) (-)

Ion 68.15 (67.85 to 68.85): VU035069.D (-969) (-)



#47

Tetrachloroethene

Concen: 0.352 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU035069.D

Acq: 11 Oct 2019 00:16

Tgt Ion: 164 Resp: 3601

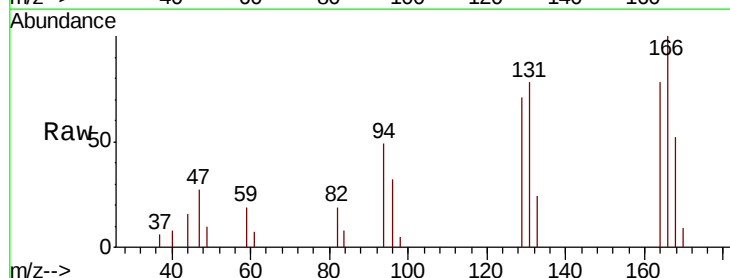
Ion Ratio Lower Upper

164 100

129 90.1 68.5 127.1

131 99.7 67.3 124.9

166 127.6 93.1 172.9



Abundance Ion 163.90 (163.60 to 164.60): VU035069.D (-2214) (-)

Ion 128.95 (128.65 to 129.65): VU035069.D (-2214) (-)

Ion 130.95 (130.65 to 131.65): VU035069.D (-2214) (-)

Ion 165.90 (165.60 to 166.60): VU035069.D (-2214) (-)

