

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031119\
 Data File : VU029901.D
 Acq On : 08 Mar 2019 20:29
 Operator : JC/SP
 Sample : K1796-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF5Q4

Quant Time: Mar 09 00:38:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 22:13:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	464843	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	452282	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	216721	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	124063	36.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.84%
7) Chloroethane-d5	1.68	69	112995	37.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.62%
11) 1,1-Dichloroethene-d2	2.27	63	178260	26.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.54%#
21) 2-Butanone-d5	4.17	46	238543	115.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.08%
24) Chloroform-d	4.65	84	254321	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.06%
26) 1,2-Dichloroethane-d4	5.31	65	167616	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.84%
32) Benzene-d6	5.34	84	561440	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.66%
36) 1,2-Dichloropropane-d6	6.33	67	182224	53.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.44%
41) Toluene-d8	7.56	98	516012	44.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.86%
43) trans-1,3-Dichloropropene-	7.85	79	78469	43.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.42%
47) 2-Hexanone-d5	8.31	63	190664	99.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.99%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	287114	49.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	223195	47.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.58%

Target Compounds

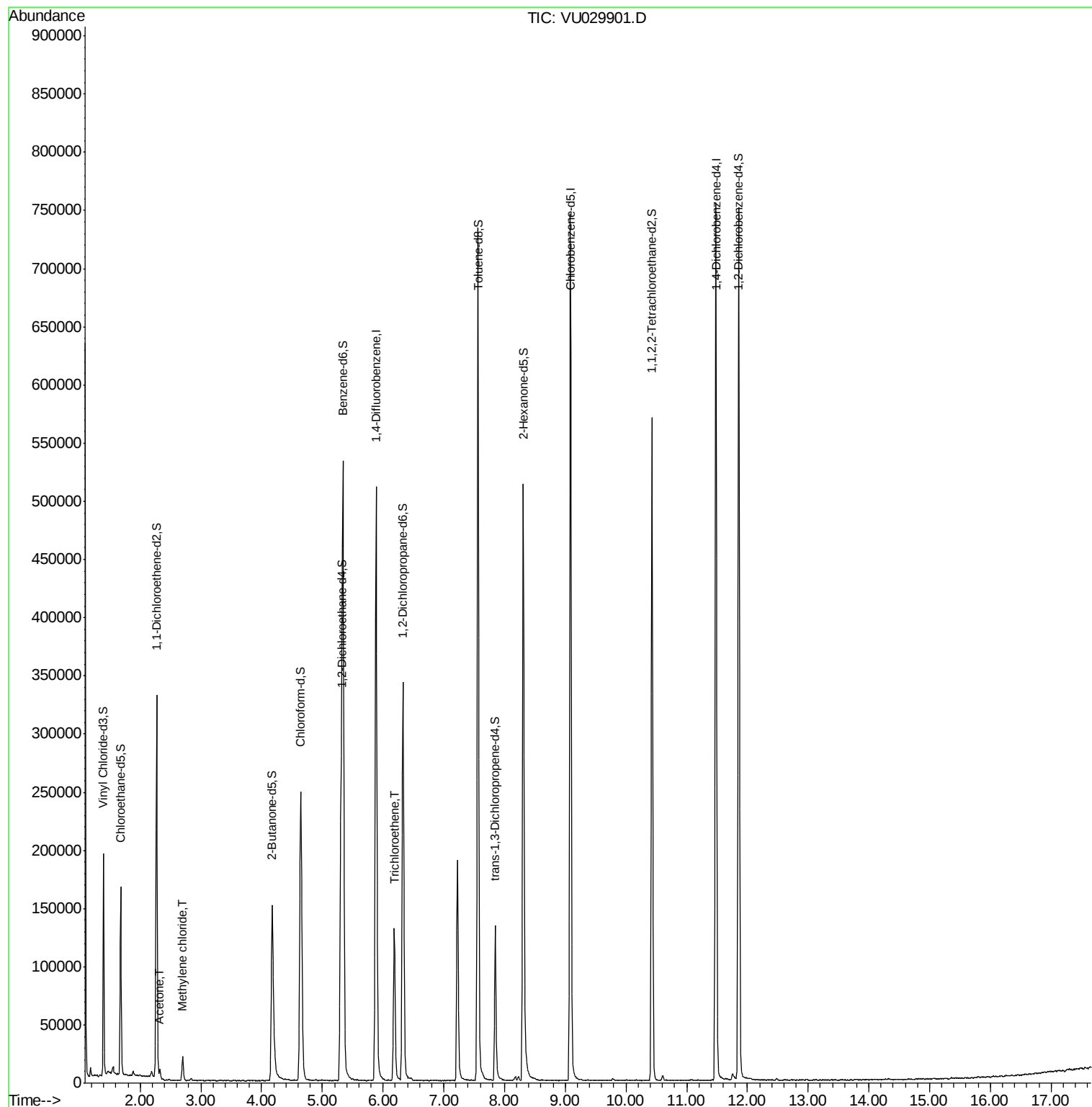
					Ovalue
13) Acetone	2.32	43	6409	2.893 ug/L	97
16) Methylene chloride	2.70	84	9798	3.289 ug/L	93
34) Trichloroethene	6.19	95	47444	15.188 ug/L	97

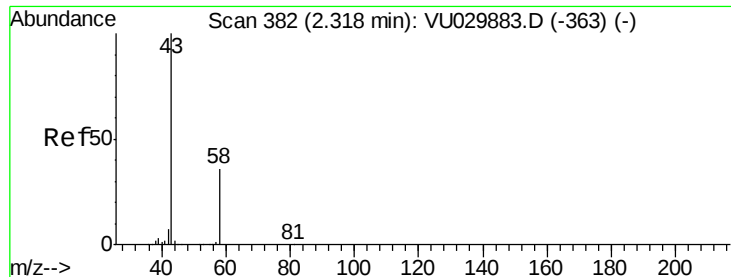
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.893 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

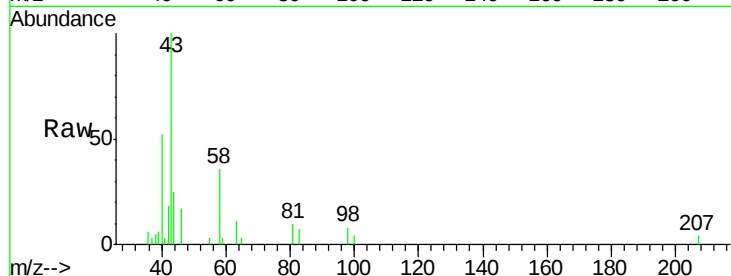
BF5Q4

Tot Ion: 43 Resp: 6409

Ion Ratio Lower Upper

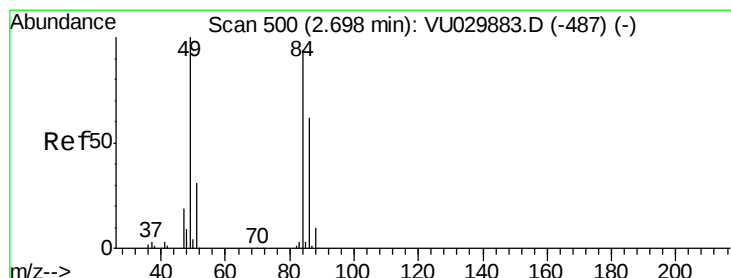
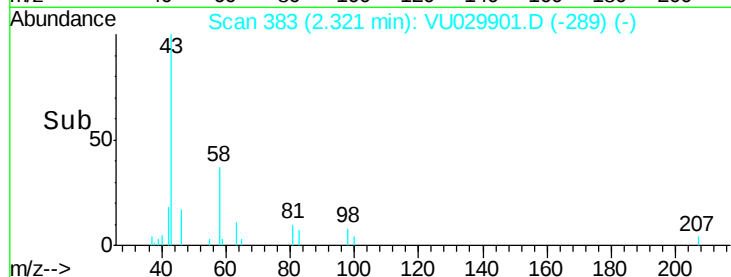
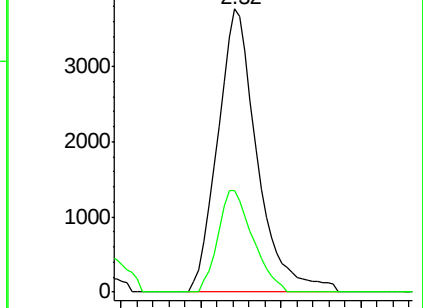
43 100

58 31.5 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU029883.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU029883.D (-363) (-)



#16

Methylene chloride

Concen: 3.289 ug/L

RT: 2.70 min Scan# 501

Delta R.T. 0.00 min

Lab File: VU029901.D

Acq: 08 Mar 2019 20:29

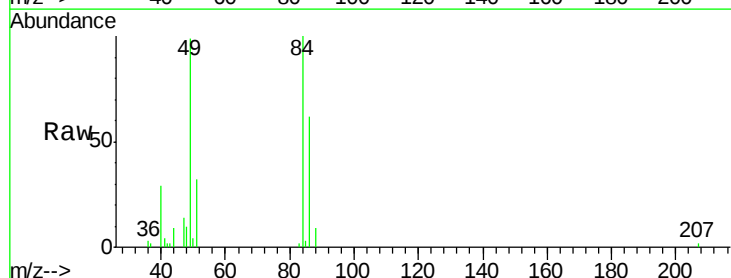
Tgt Ion: 84 Resp: 9798

Ion Ratio Lower Upper

84 100

86 61.5 45.8 85.0

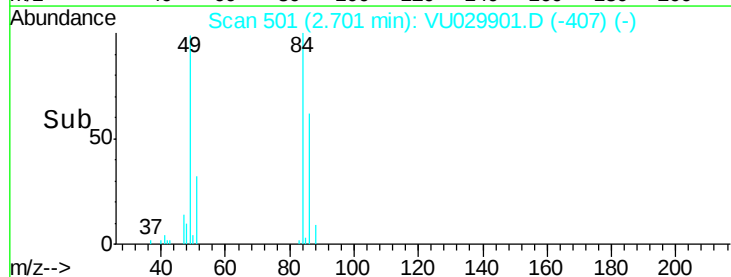
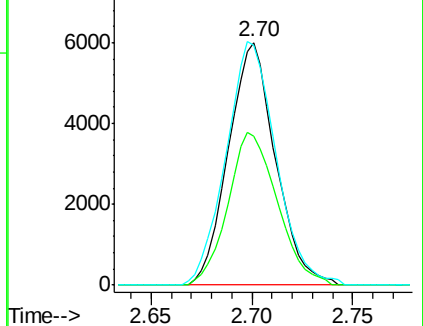
49 99.1 75.1 139.5

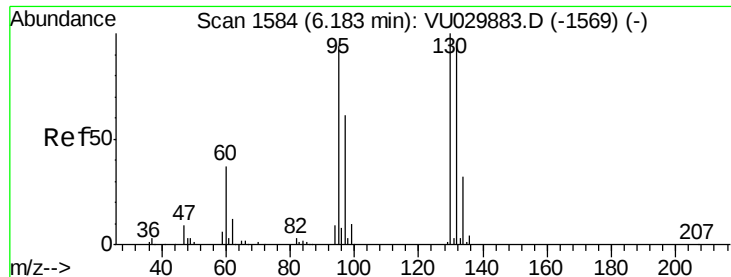


Abundance Ion 84.00 (83.70 to 84.70): VU029883.D (-487) (-)

Ion 86.00 (85.70 to 86.70): VU029883.D (-487) (-)

Ion 49.00 (48.70 to 49.70): VU029883.D (-487) (-)





#34

Trichloroethene

Concen: 15.188 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU029901.D

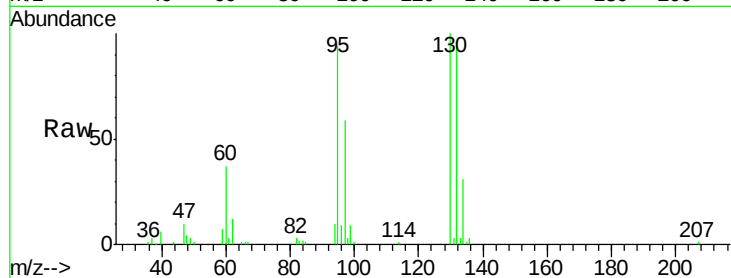
Acq: 08 Mar 2019 20:29

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Tot Ion: 95 Resp: 47444

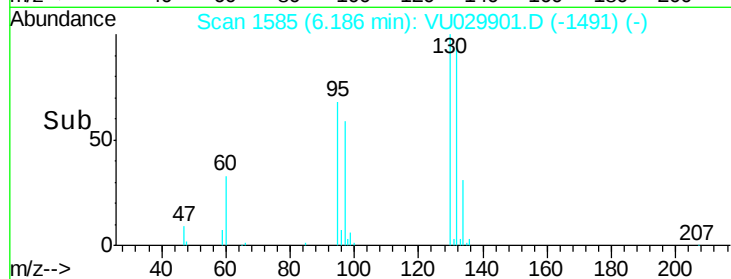
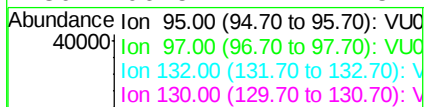
Ion Ratio Lower Upper

95 100

97 62.3 44.6 82.8

132 102.5 74.6 138.6

130 106.5 77.2 143.4



Time-->