

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U101419\
 Data File : VU035156.D
 Acq On : 14 Oct 2019 17:45
 Operator : JC/SP
 Sample : K5310-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OU2-MW-1-001-01

Quant Time: Oct 15 08:16:38 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	163114	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	174499	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	64891	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	46229	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.68	69	43766	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.26	63	66969	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.17	46	136482	48.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.14%
24) Chloroform-d	4.63	84	85820	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.29	65	54547	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.32	84	175307	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.31	67	63015	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.55	98	145938	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
43) trans-1,3-Dichloropropene-	7.84	79	20128	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.31	63	99912	42.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.34%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	54787	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	52064	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

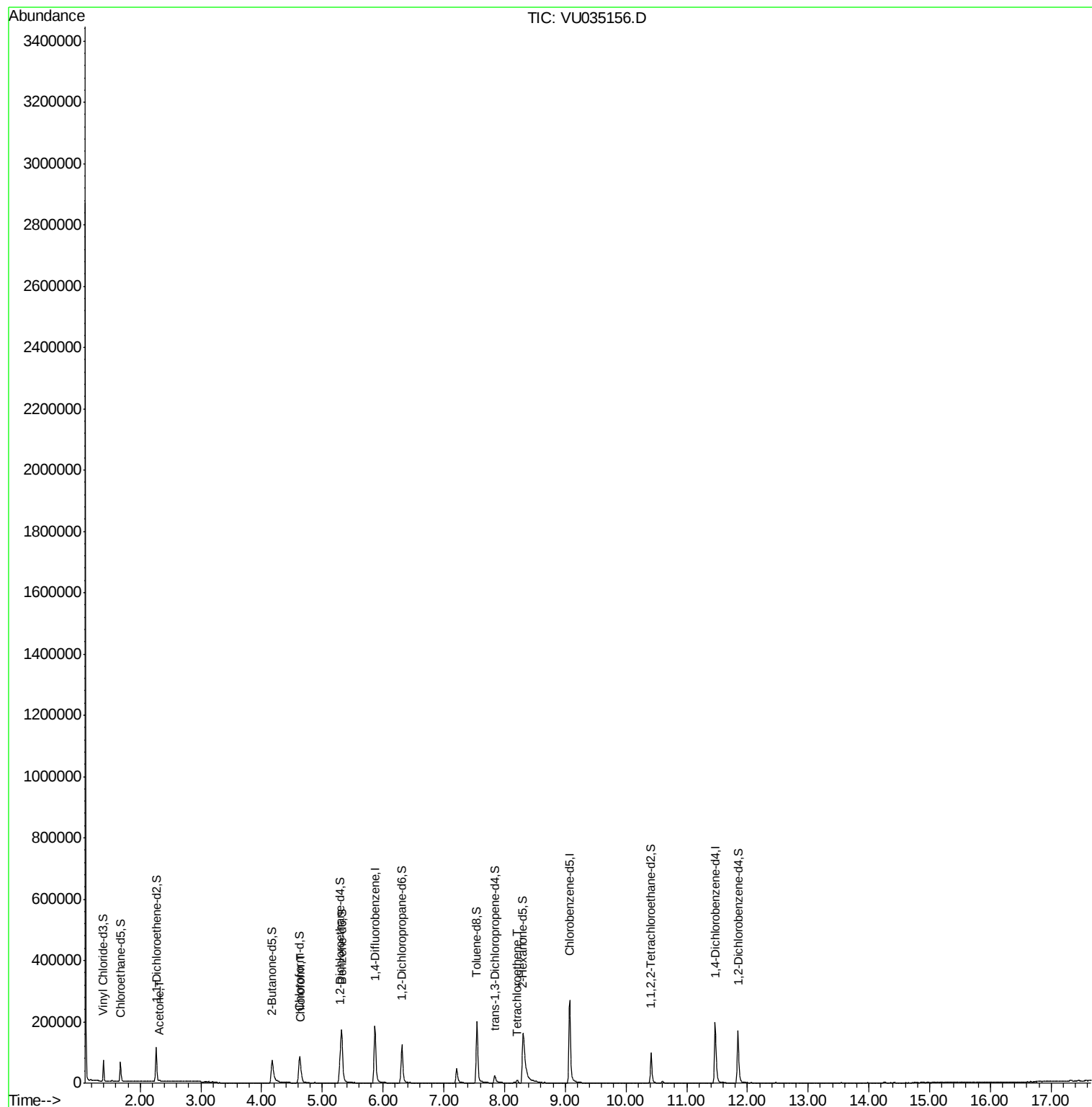
Target Compounds					Qvalue
13) Acetone	2.32	43	3927	1.689 ug/L	94
25) Chloroform	4.66	83	15426	0.616 ug/L	93
47) Tetrachloroethene	8.21	164	2236	0.204 ug/L	85

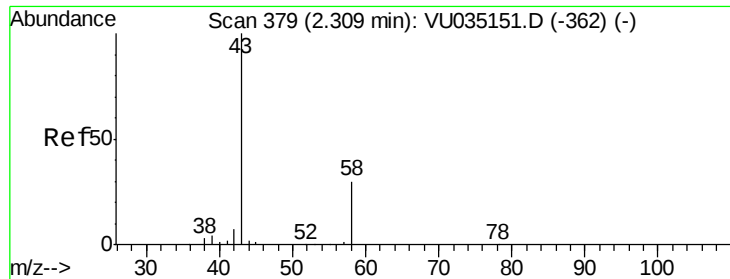
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.689 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

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ClientSampleId :

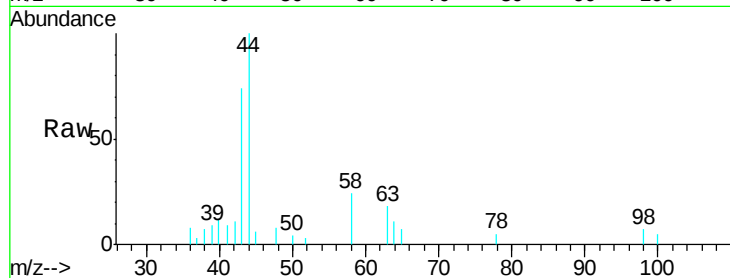
OU2-MW-1-001-01

Tgt Ion: 43 Resp: 3927

Ion Ratio Lower Upper

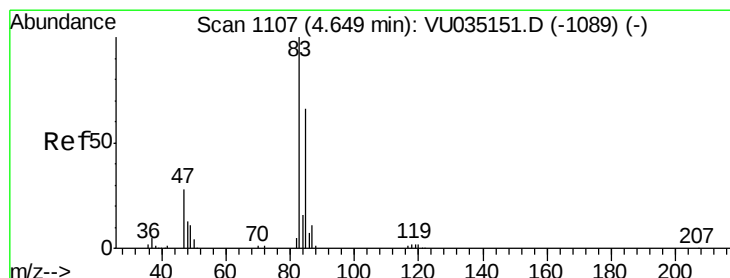
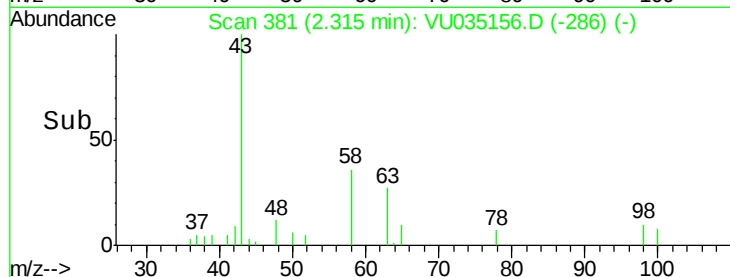
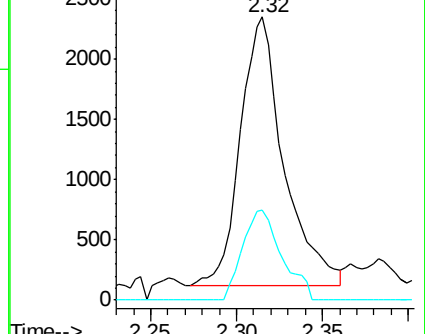
43 100

58 30.0 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#25

Chloroform

Concen: 0.616 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. 0.01 min

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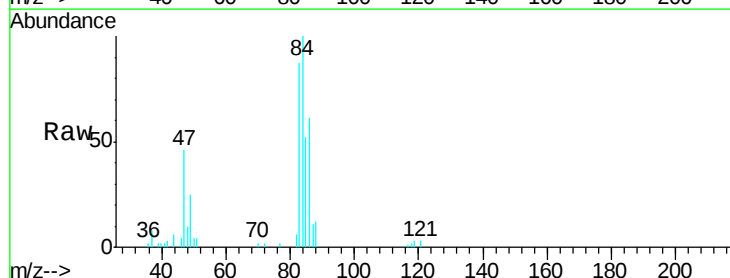
Acq: 14 Oct 2019 17:45

Tgt Ion: 83 Resp: 15426

Ion Ratio Lower Upper

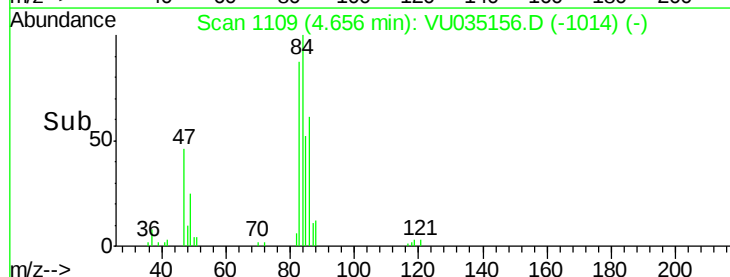
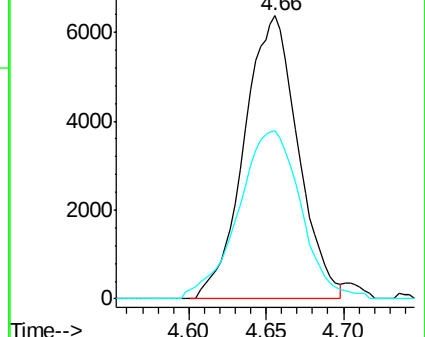
83 100

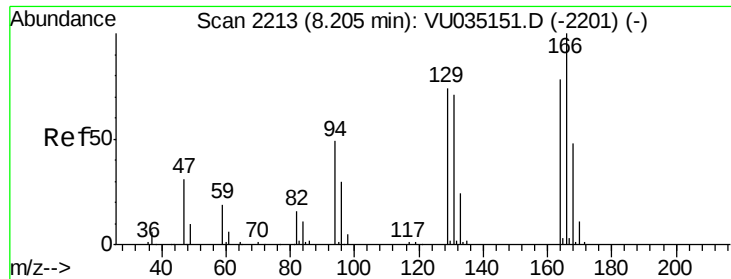
85 59.3 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0





#47

Tetrachloroethene

Concen: 0.204 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU035156.D

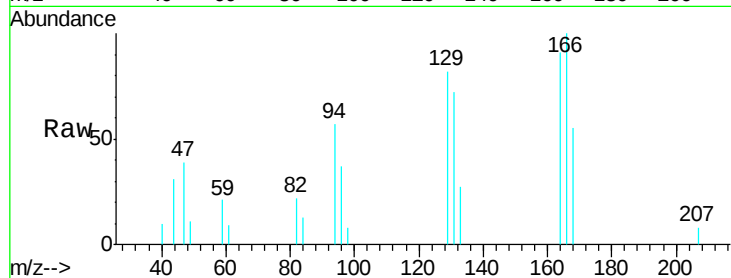
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Tgt Ion:164 Resp: 2236

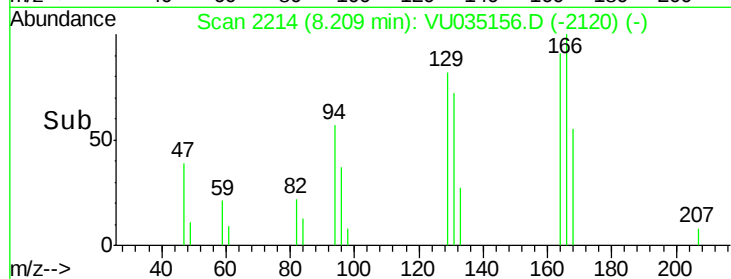
Ion Ratio Lower Upper

164 100

129 90.1 68.5 127.1

131 79.6 67.3 124.9

166 110.0 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

