

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121319\
 Data File : VU036213.D
 Acq On : 13 Dec 2019 22:05
 Operator : JC/MD
 Sample : K6234-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE58

Quant Time: Dec 14 03:58:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 14 01:19:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	232290	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	249619	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	83540	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	93210	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.93	69	92798	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.59	63	98714	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.68	46	193647	50.53	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.06%
24) Chloroform-d	5.11	84	139531	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.75	65	89370	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.77	84	296506	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.73	67	97238	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.93	98	243399	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	8.21	79	35848	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.68	63	145012	46.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.24%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	91381	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	84186	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

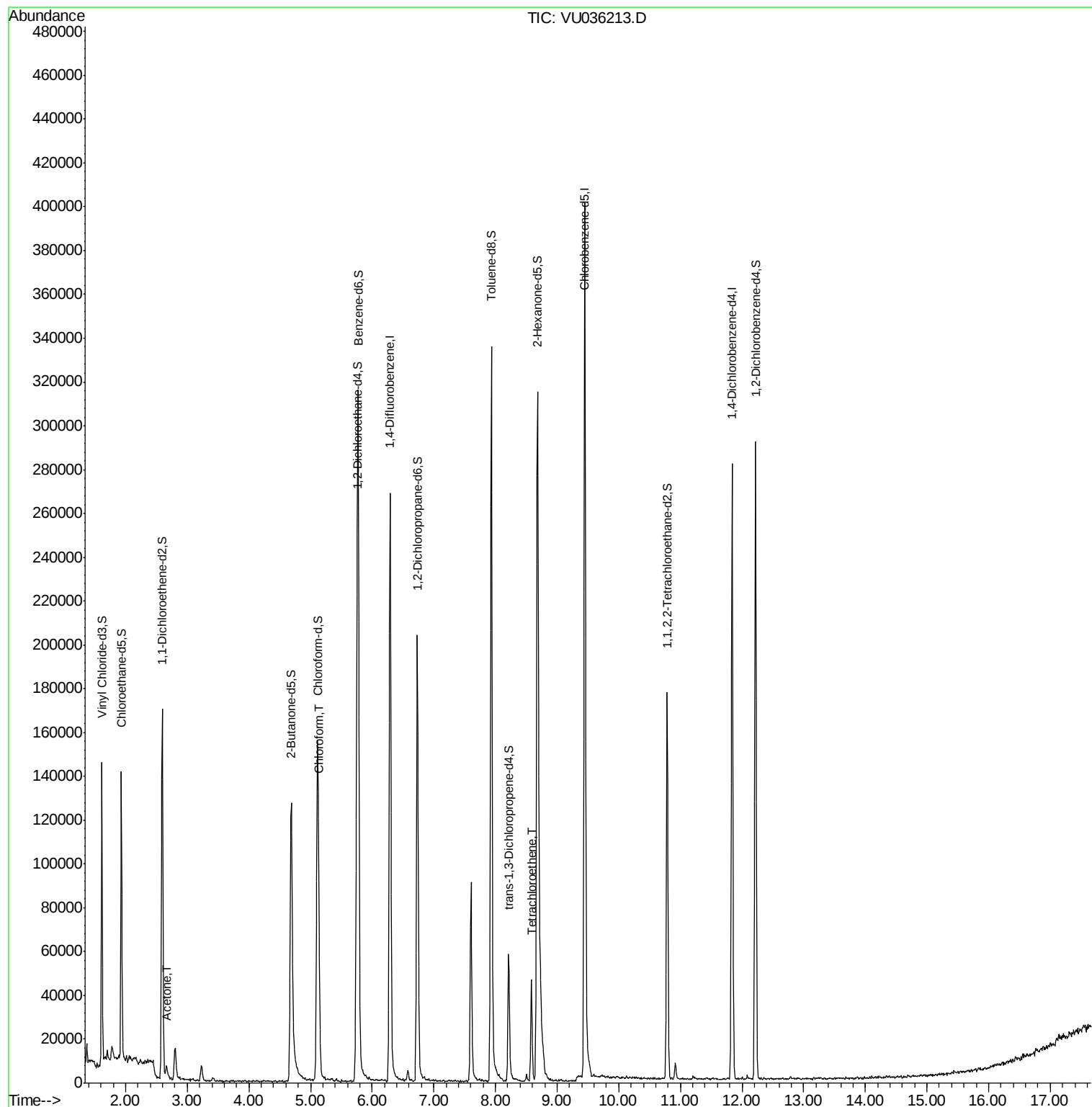
Target Compounds					Ovalue
13) Acetone	2.66	43	6571	1.967 ug/L	97
25) Chloroform	5.14	83	40643	1.128 ug/L	98
47) Tetrachloroethene	8.58	164	11134	0.623 ug/L	99

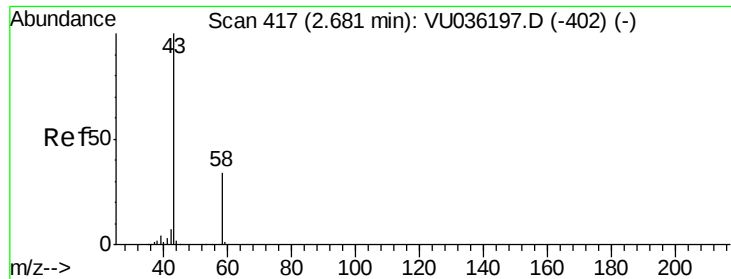
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.967 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU036213.D

Acq: 13 Dec 2019 22:05

Instrument :

MSVOA_U

ClientSampled :

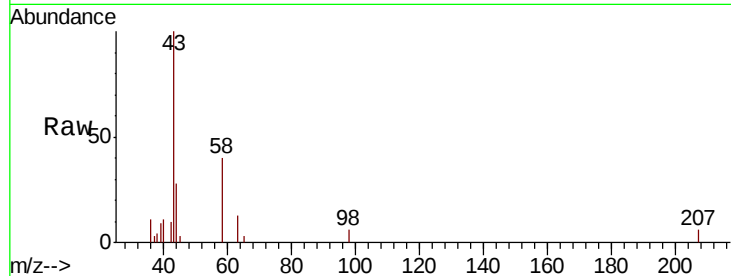
BF58

Tot Ion: 43 Resp: 6571

Ion Ratio Lower Upper

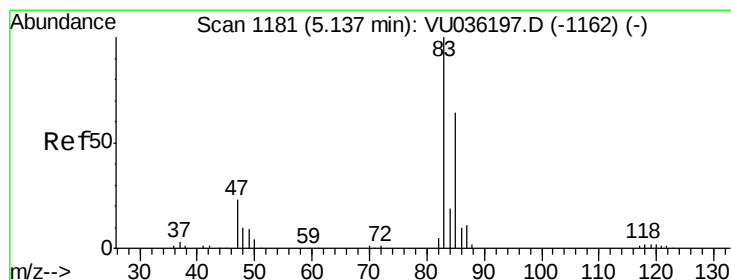
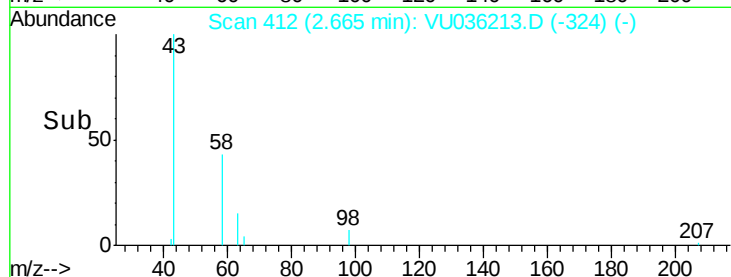
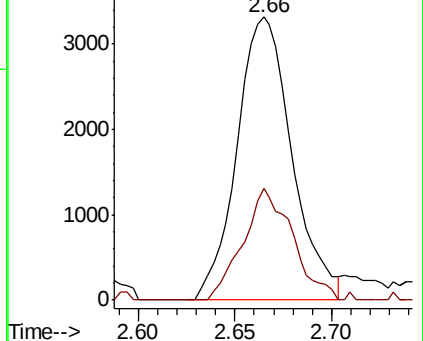
43 100

58 35.7 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036213.D (-324) (-)

Ion 58.05 (57.75 to 58.75): VU036213.D (-324) (-)



#25

Chloroform

Concen: 1.128 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VU036213.D

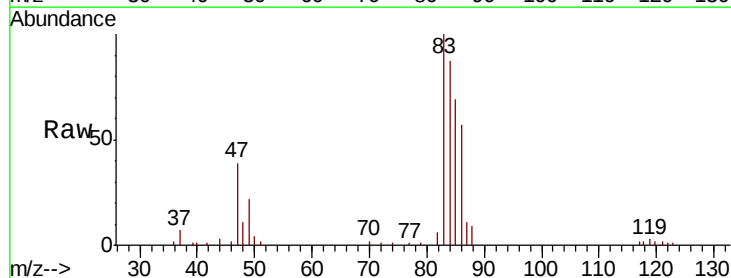
Acq: 13 Dec 2019 22:05

Tgt Ion: 83 Resp: 40643

Ion Ratio Lower Upper

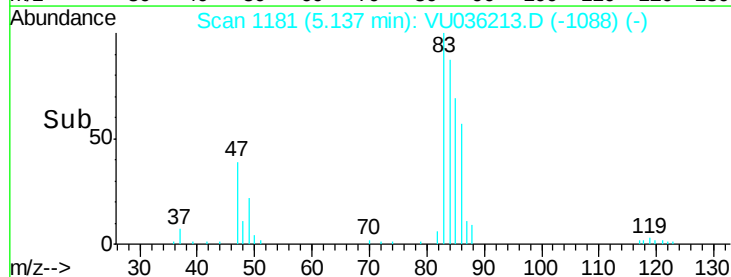
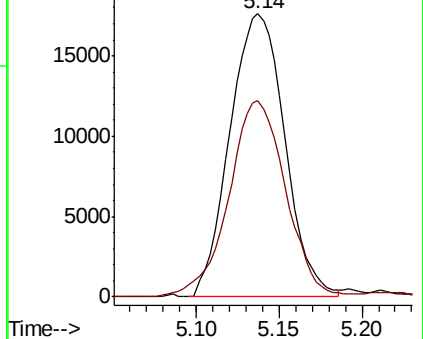
83 100

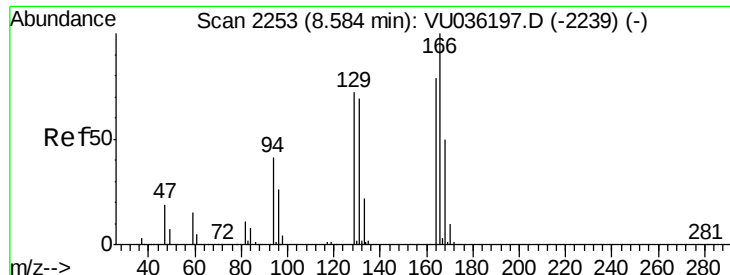
85 69.3 47.5 88.1



Abundance Ion 83.05 (82.75 to 83.75): VU036213.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU036213.D (-1088) (-)





#47

Tetrachloroethene

Concen: 0.623 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VU036213.D

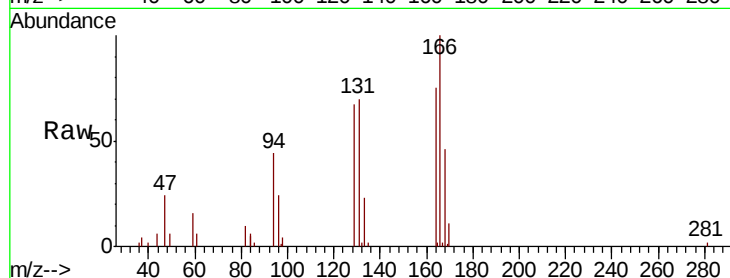
Acq: 13 Dec 2019 22:05

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ClientSampleId :

BF58



Tot Ion:164 Resp: 11134

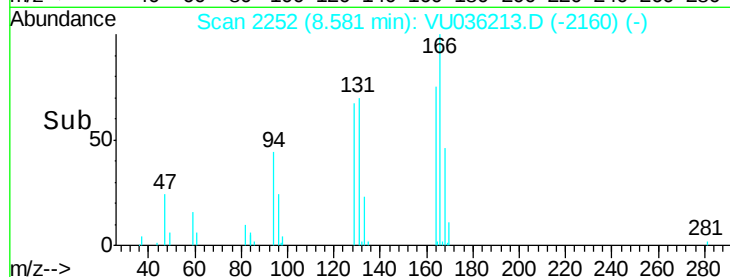
Ion Ratio Lower Upper

164 100

129 89.8 64.2 119.2

131 94.0 66.6 123.8

166 133.8 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

