

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121319\
 Data File : VU036220.D
 Acq On : 14 Dec 2019 00:55
 Operator : JC/MD
 Sample : K6234-12 200X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE63

Quant Time: Dec 14 04:29:41 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	211368	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	238187	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	77128	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	87807	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.93	69	89482	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.59	63	93741	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.69	46	187857	53.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.74%
24) Chloroform-d	5.11	84	135130	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.75	65	87362	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.77	84	284768	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.73	67	93230	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.93	98	230258	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	8.21	79	34767	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.68	63	144378	48.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.28%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	88459	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	78605	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

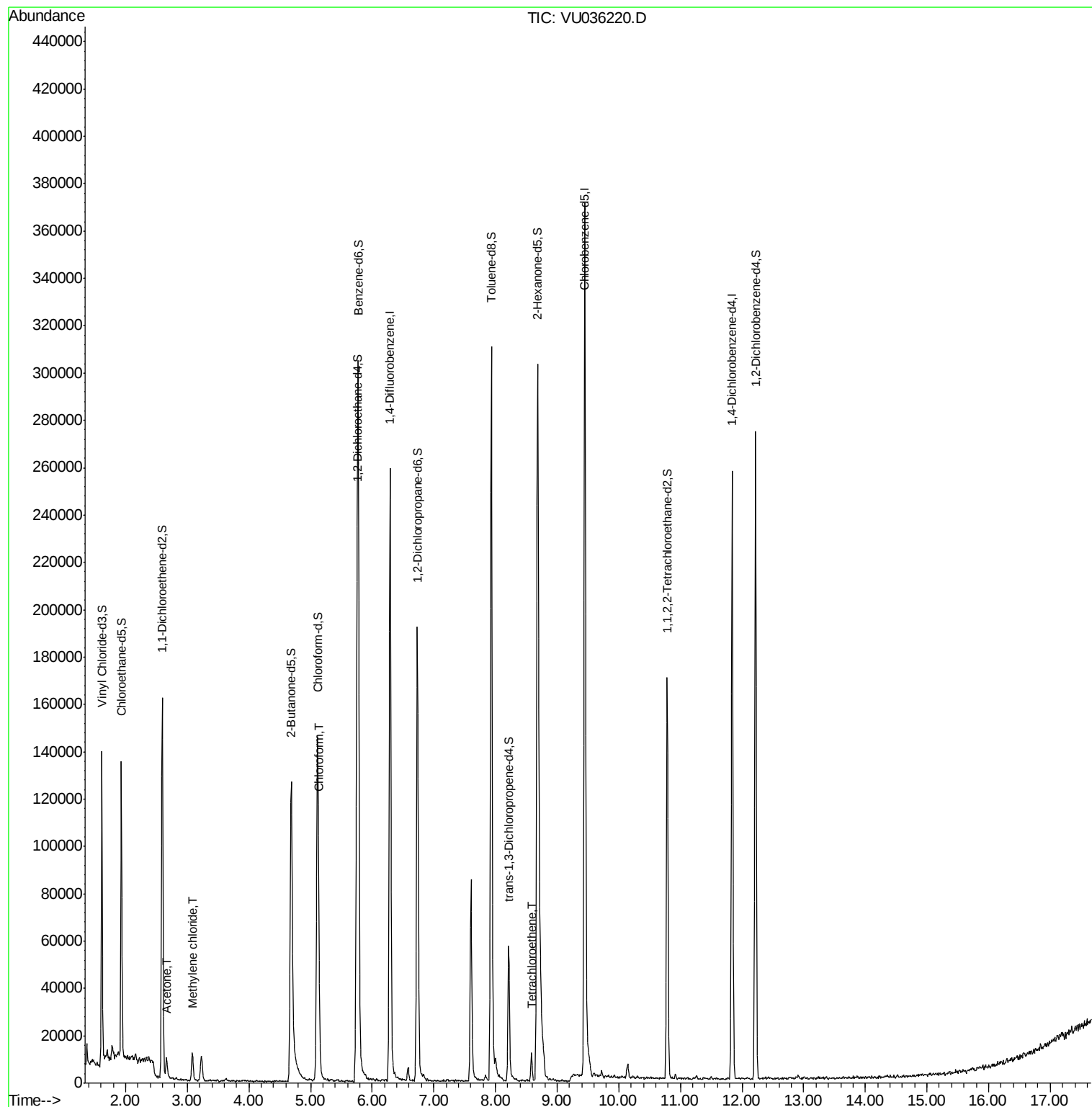
					Ovalue
13) Acetone	2.66	43	8774	2.887 ug/L	97
16) Methylene chloride	3.08	84	6289	0.273 ug/L	90
25) Chloroform	5.14	83	24651	0.752 ug/L	100
47) Tetrachloroethene	8.59	164	2983	0.175 ug/L	91

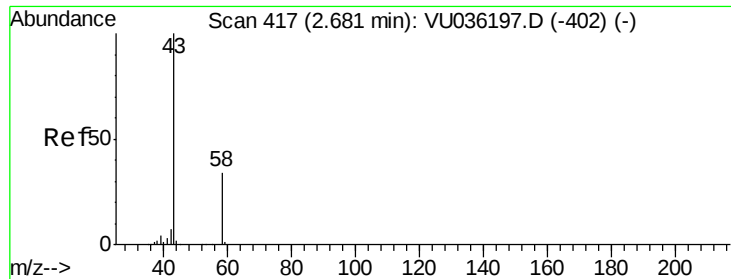
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.887 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

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Instrument :

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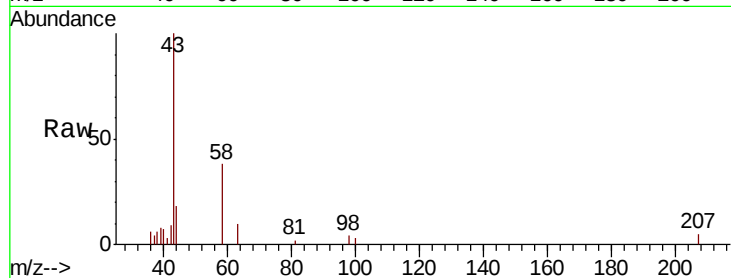
BF63

Tot Ion: 43 Resp: 8774

Ion Ratio Lower Upper

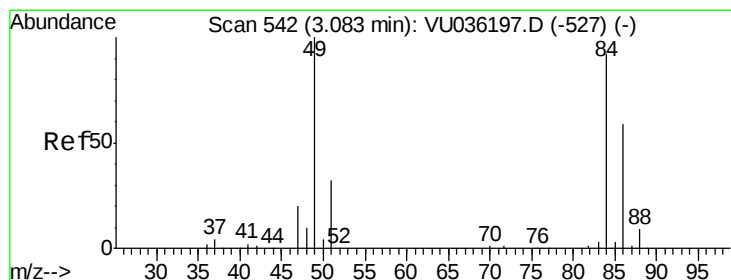
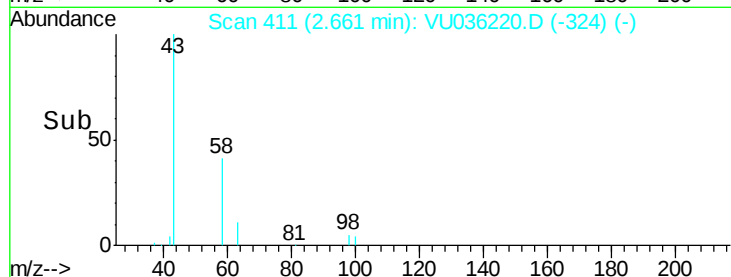
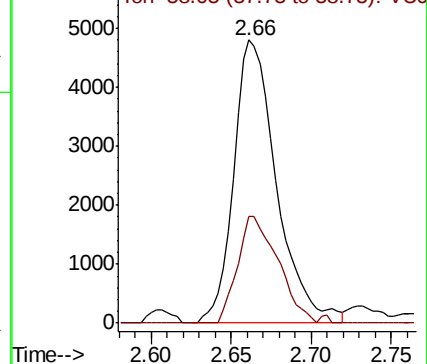
43 100

58 35.5 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#16

Methylene chloride

Concen: 0.273 ug/L

RT: 3.08 min Scan# 542

Delta R.T. -0.00 min

Lab File: VU036220.D

Acq: 14 Dec 2019 00:55

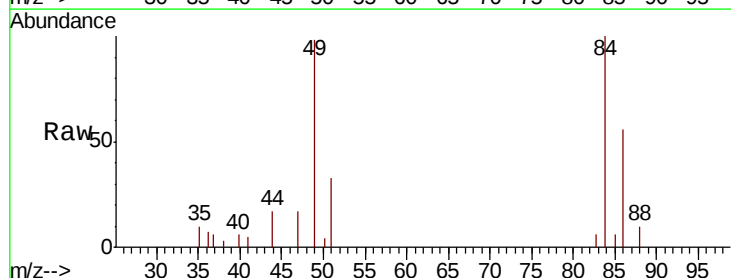
Tgt Ion: 84 Resp: 6289

Ion Ratio Lower Upper

84 100

86 56.3 43.0 79.8

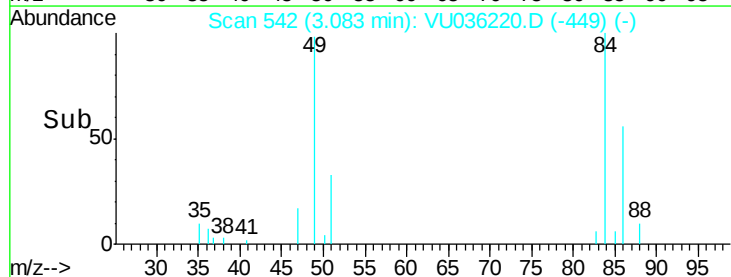
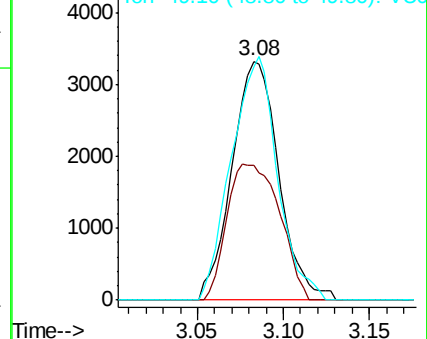
49 97.9 77.3 143.5

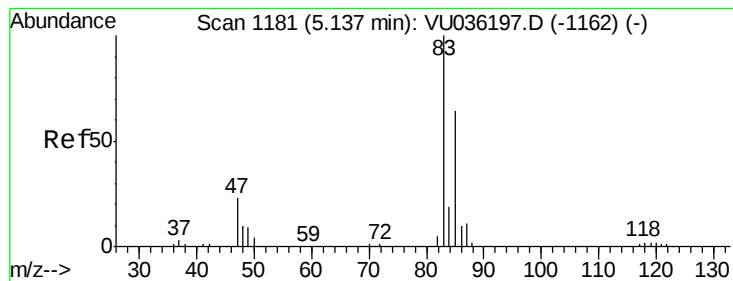


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#25

Chloroform

Concen: 0.752 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. -0.00 min

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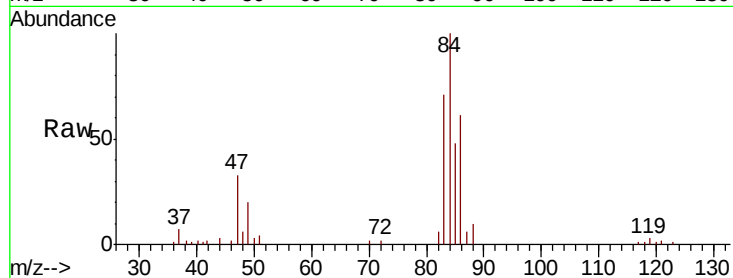
BF63

Tot Ion: 83 Resp: 24651

Ion Ratio Lower Upper

83 100

85 67.7 47.5 88.1

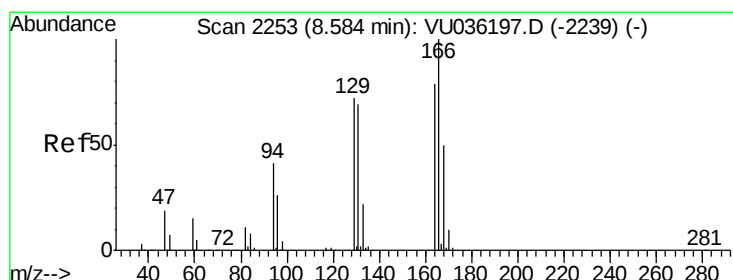
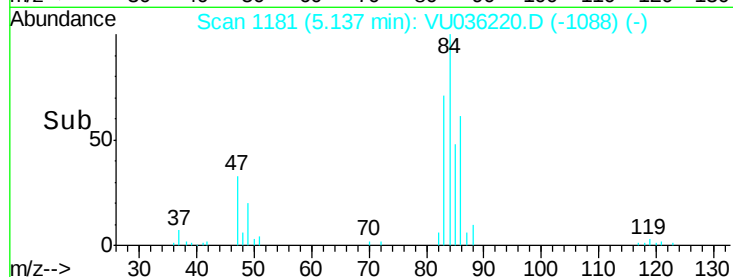


Abundance Ion 83.05 (82.75 to 83.75): VU036197.D (-1162) (-)

Ion 85.00 (84.70 to 85.70): VU036197.D (-1162) (-)

5.14

Time-->



#47

Tetrachloroethene

Concen: 0.175 ug/L

RT: 8.59 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VU036220.D

Acq: 14 Dec 2019 00:55

Tgt Ion: 164 Resp: 2983

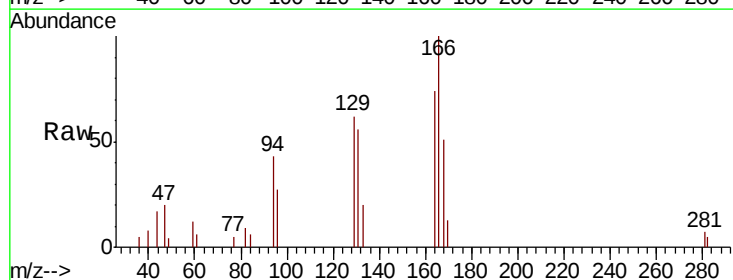
Ion Ratio Lower Upper

164 100

129 84.3 64.2 119.2

131 75.9 66.6 123.8

166 135.0 93.1 172.9



Abundance Ion 163.90 (163.60 to 164.60): VU036197.D (-2239) (-)

Ion 128.95 (128.65 to 129.65): VU036197.D (-2239) (-)

Ion 130.95 (130.65 to 131.65): VU036197.D (-2239) (-)

Ion 165.90 (165.60 to 166.60): VU036197.D (-2239) (-)

8.59

Time-->

