

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121319\
 Data File : VU036217.D
 Acq On : 13 Dec 2019 23:42
 Operator : JC/MD
 Sample : K6240-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQS6

Quant Time: Dec 14 04:15:23 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	214612	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	243351	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	94441	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	97684	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.93	69	88512	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.59	63	97240	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	4.70	46	237749	67.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.30%#
24) Chloroform-d	5.11	84	162135	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.75	65	87513	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.77	84	293543	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.73	67	98416	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.93	98	236374	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.21	79	37001	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.68	63	182266	60.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.22%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	97866	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	98901	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

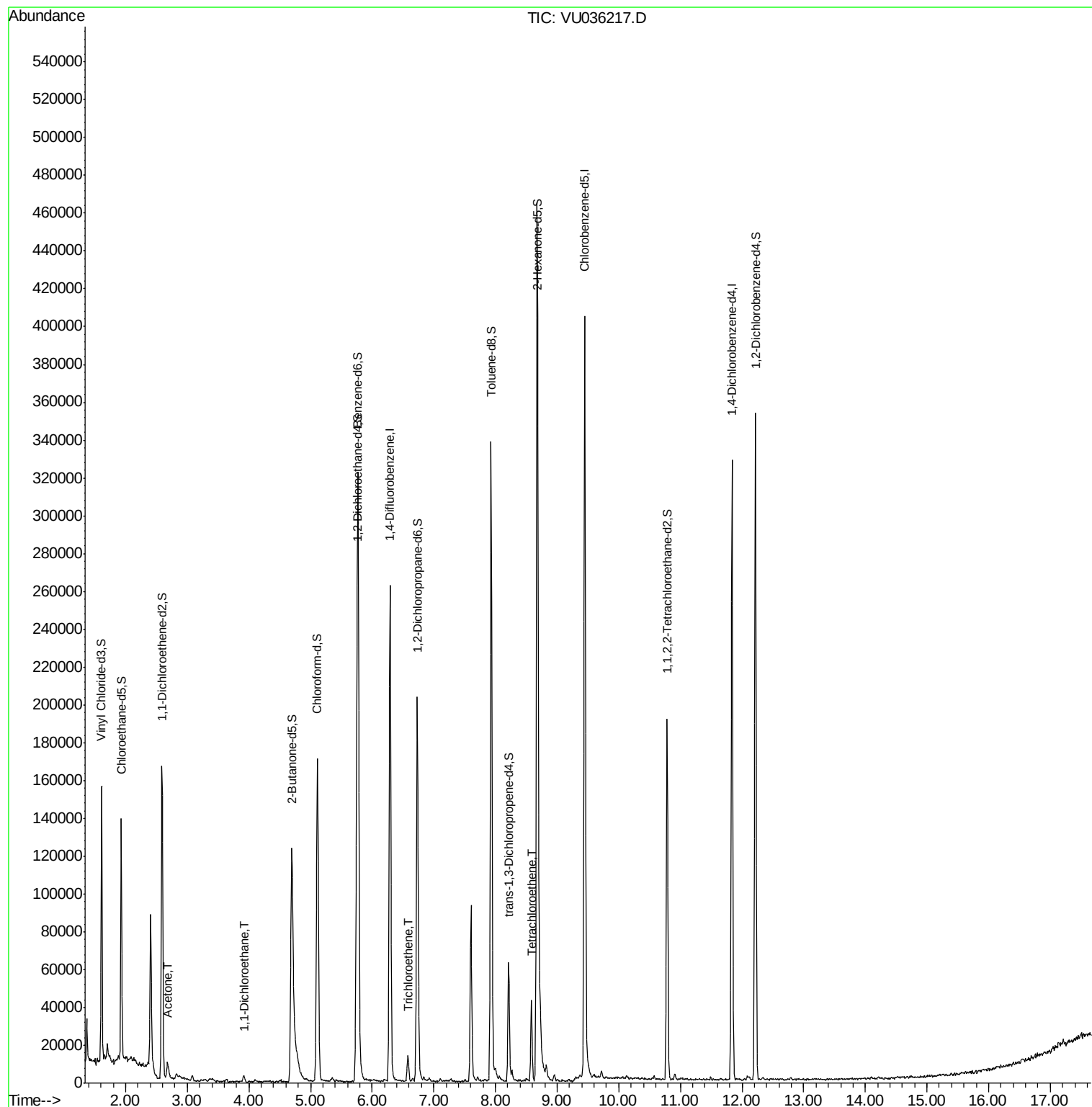
					Ovalue
13) Acetone	2.68	43	12760	4.135 ug/L	93
19) 1,1-Dichloroethane	3.92	63	3964	0.129 ug/L #	84
34) Trichloroethene	6.58	95	4754	0.247 ug/L	96
47) Tetrachloroethene	8.58	164	10476	0.602 ug/L	88

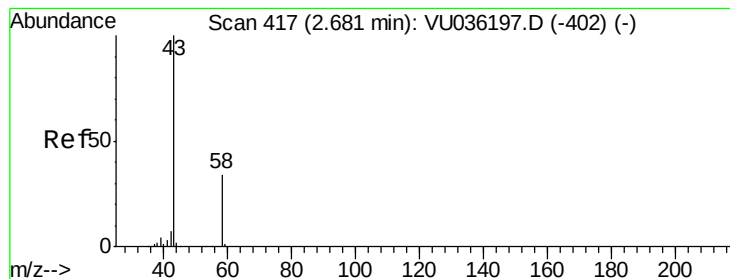
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.135 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.00 min

Lab File: VU036217.D

Acq: 13 Dec 2019 23:42

Instrument :

MSVOA_U

ClientSampleId :

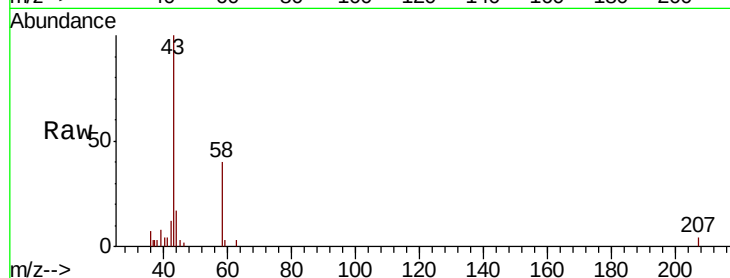
BFQS6

Tot Ion: 43 Resp: 12760

Ion Ratio Lower Upper

43 100

58 37.8 0.0 67.6

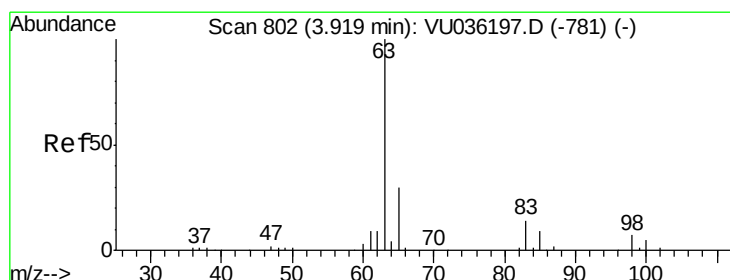
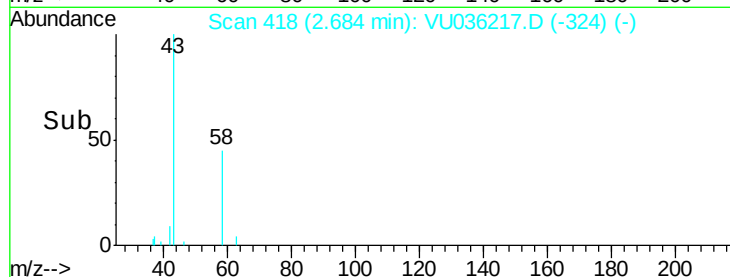


Abundance Ion 43.05 (42.75 to 43.75): VU036217.D (-324) (-)

Ion 58.05 (57.75 to 58.75): VU036217.D (-324) (-)

2.68

Time--> 2.60 2.65 2.70 2.75



#19

1,1-Dichloroethane

Concen: 0.129 ug/L

RT: 3.92 min Scan# 802

Delta R.T. 0.00 min

Lab File: VU036217.D

Acq: 13 Dec 2019 23:42

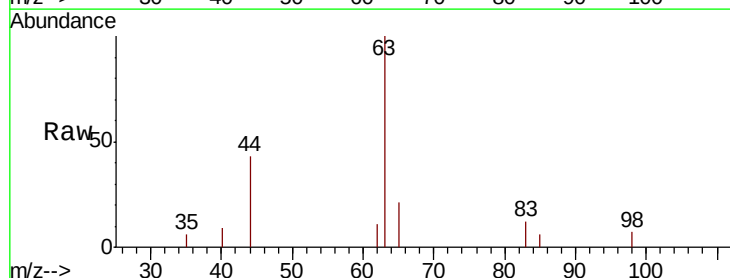
Tgt Ion: 63 Resp: 3964

Ion Ratio Lower Upper

63 100

65 20.8 22.6 42.0#

83 12.1 9.7 18.1



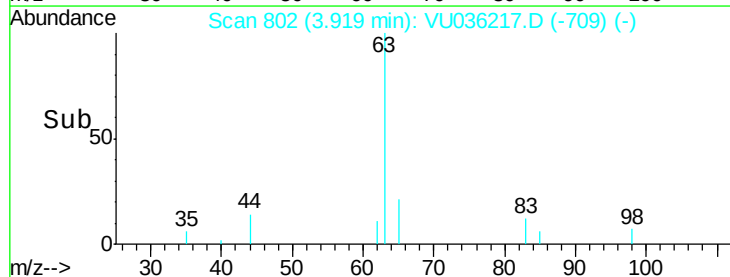
Abundance Ion 63.10 (62.80 to 63.80): VU036217.D (-709) (-)

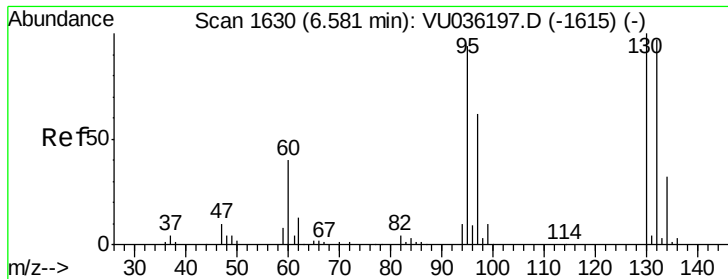
Ion 65.10 (64.80 to 65.80): VU036217.D (-709) (-)

Ion 83.05 (82.75 to 83.75): VU036217.D (-709) (-)

3.92

Time--> 3.85 3.90 3.95





#34

Trichloroethene

Concen: 0.247 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036217.D

Acq: 13 Dec 2019 23:42

Instrument :

MSVOA_U

ClientSampleId :

BFQS6

Tot Ion: 95 Resp: 4754

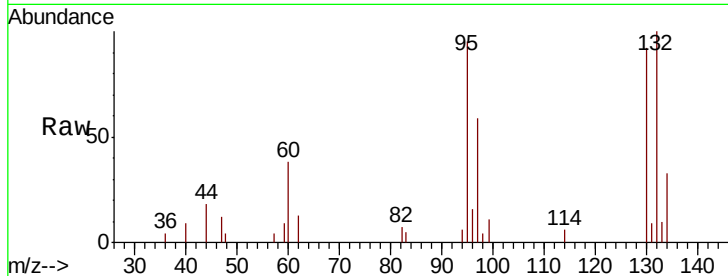
Ion Ratio Lower Upper

95 100

97 61.8 43.6 81.0

132 105.0 69.6 129.2

130 96.3 70.3 130.7

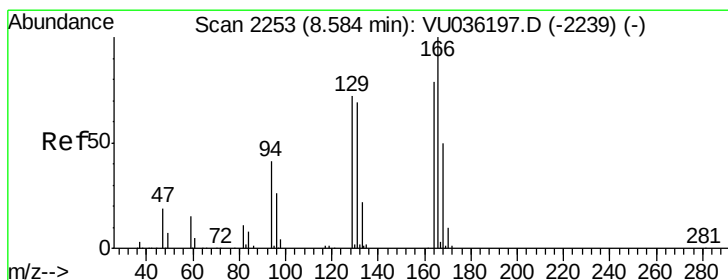
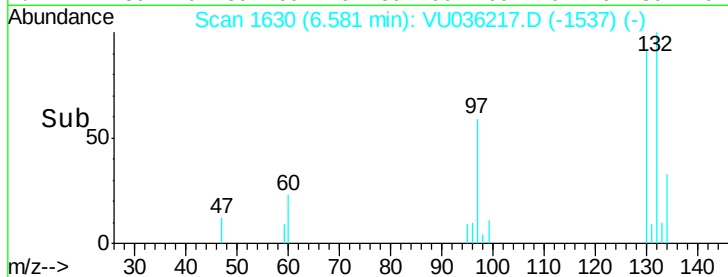
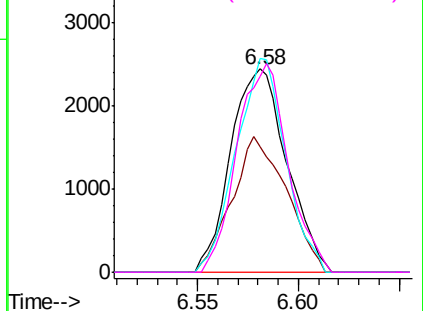


Abundance Ion 95.00 (94.70 to 95.70): VU036217.D (-1537) (-)

Ion 96.95 (96.65 to 97.65): VU036217.D (-1537) (-)

Ion 131.95 (131.65 to 132.65): VU036217.D (-1537) (-)

Ion 129.95 (129.65 to 130.65): VU036217.D (-1537) (-)



#47

Tetrachloroethene

Concen: 0.602 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU036217.D

Acq: 13 Dec 2019 23:42

Tgt Ion: 164 Resp: 10476

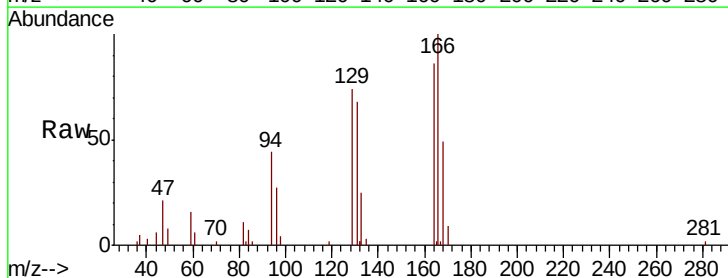
Ion Ratio Lower Upper

164 100

129 86.5 64.2 119.2

131 79.7 66.6 123.8

166 116.6 93.1 172.9



Abundance Ion 163.90 (163.60 to 164.60): VU036217.D (-2160) (-)

Ion 128.95 (128.65 to 129.65): VU036217.D (-2160) (-)

Ion 130.95 (130.65 to 131.65): VU036217.D (-2160) (-)

Ion 165.90 (165.60 to 166.60): VU036217.D (-2160) (-)

