

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\
 Data File : VU036108.D
 Acq On : 11 Dec 2019 02:07
 Operator : JC/MD
 Sample : K6240-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQS0

Quant Time: Dec 11 08:46:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 07:30:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	267217	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	299854	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	103562	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	118379	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.93	69	111345	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.59	63	126327	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.70	46	243783	60.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.14%
24) Chloroform-d	5.11	84	180717	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.75	65	97926	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.77	84	346581	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.73	67	111788	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.93	98	279626	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	8.21	79	40029	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.68	63	194024	56.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.42%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	107900	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	103259	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

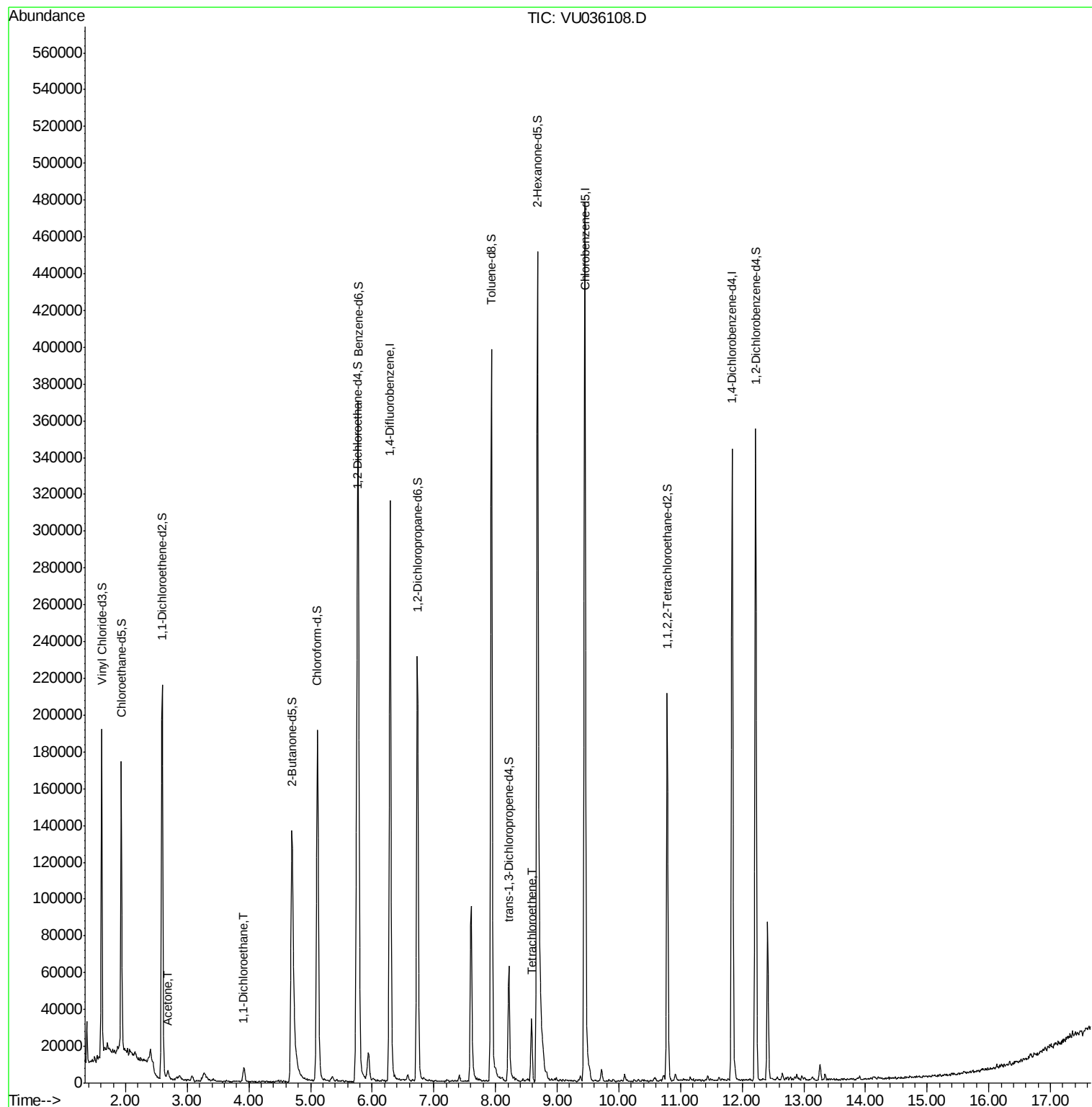
					Ovalue
13) Acetone	2.68	43	5414	1.051 ug/L	86
19) 1,1-Dichloroethane	3.93	63	9015	0.253 ug/L	94
47) Tetrachloroethene	8.59	164	8574	0.414 ug/L	89

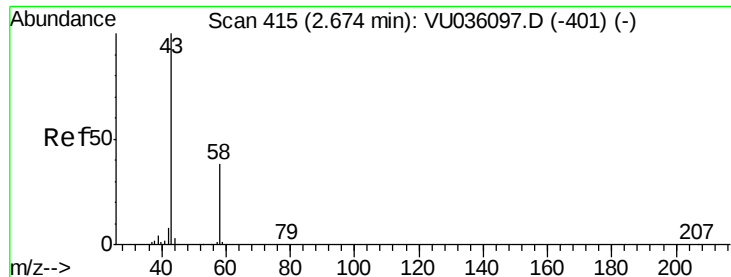
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.051 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

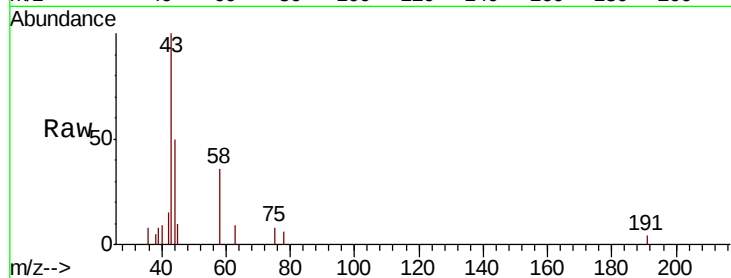
BFQS0

Tot Ion: 43 Resp: 5414

Ion Ratio Lower Upper

43 100

58 45.2 0.0 74.2

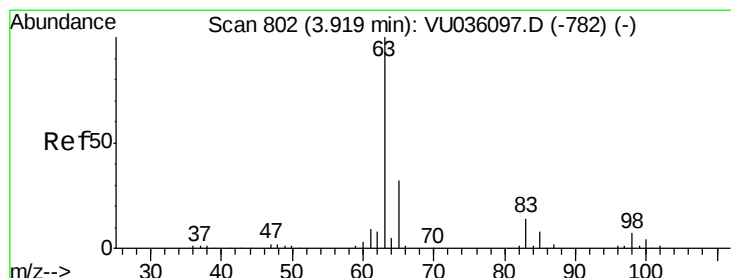
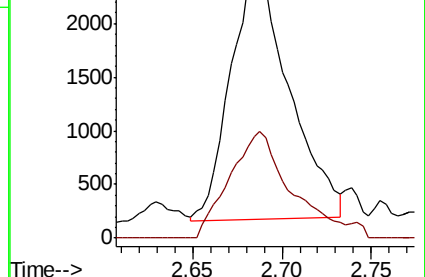
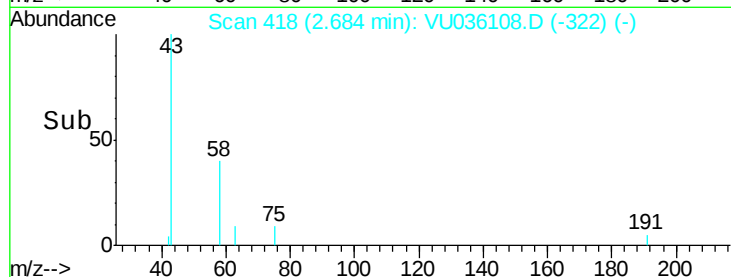


Abundance Ion 43.05 (42.75 to 43.75): VU036108.D (-322) (-)

Ion 58.05 (57.75 to 58.75): VU036108.D (-322) (-)

2.68

Time-->



#19

1,1-Dichloroethane

Concen: 0.253 ug/L

RT: 3.93 min Scan# 804

Delta R.T. 0.01 min

Lab File: VU036108.D

Acq: 11 Dec 2019 02:07

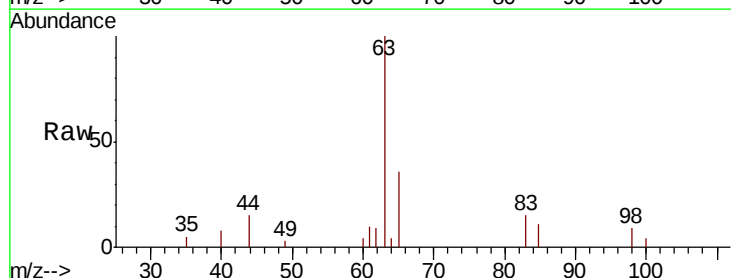
Tgt Ion: 63 Resp: 9015

Ion Ratio Lower Upper

63 100

65 35.6 21.8 40.4

83 15.0 10.1 18.9



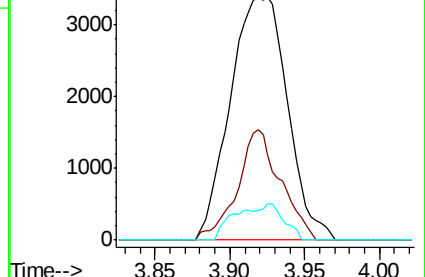
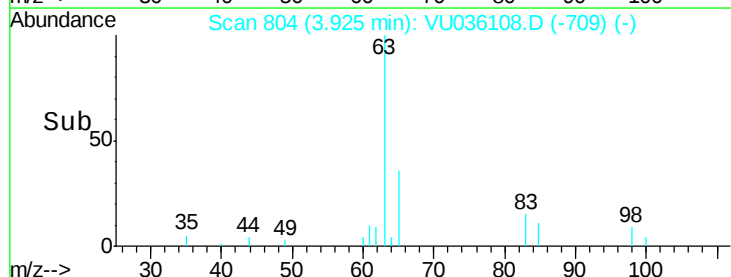
Abundance Ion 63.10 (62.80 to 63.80): VU036108.D (-709) (-)

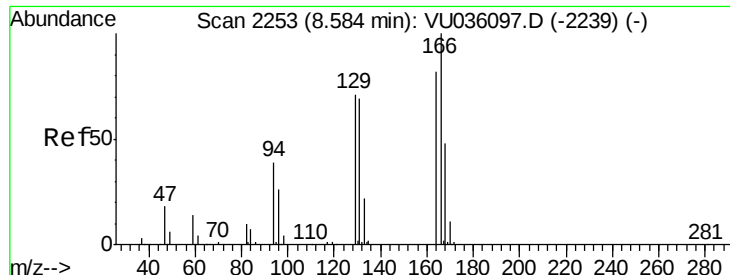
Ion 65.10 (64.80 to 65.80): VU036108.D (-709) (-)

Ion 83.05 (82.75 to 83.75): VU036108.D (-709) (-)

3.93

Time-->





#47

Tetrachloroethene

Concen: 0.414 ug/L

RT: 8.59 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VU036108.D

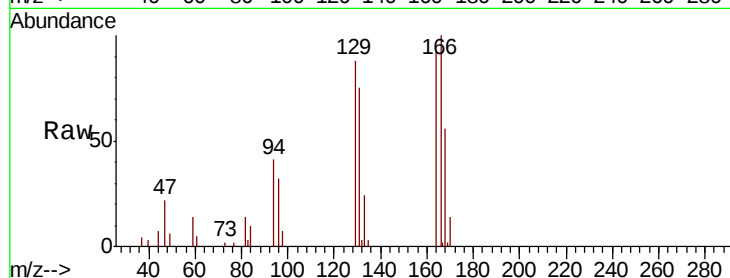
Acq: 11 Dec 2019 02:07

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Tot Ion:164 Resp: 8574

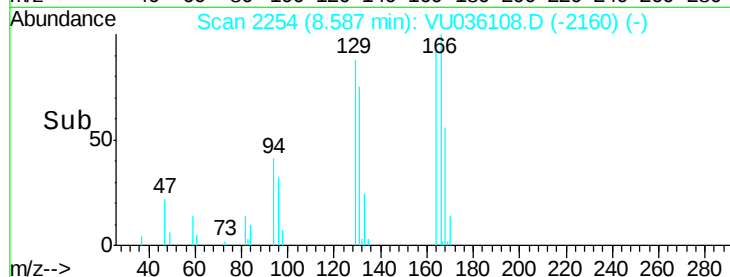
Ion Ratio Lower Upper

164 100

129 95.0 63.1 117.3

131 81.6 61.5 114.1

166 108.4 91.0 169.0



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

