

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121820\
 Data File : VV019708.D
 Acq On : 18 Dec 2020 18:32
 Operator : SY/MD
 Sample : L5098-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Q4

Quant Time: Dec 19 08:09:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 19 05:26:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	577562	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	538323	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	247046	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	179883	43.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.86%
7) Chloroethane-d5	1.57	69	151833	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.96%
11) 1,1-Dichloroethene-d2	2.11	63	268154	34.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.78%
21) 2-Butanone-d5	3.89	46	276086	122.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.65%
24) Chloroform-d	4.35	84	356829	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.62%
26) 1,2-Dichloroethane-d4	5.04	65	245656	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
32) Benzene-d6	5.05	84	704597	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.16%
36) 1,2-Dichloropropane-d6	6.07	67	229322	50.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.98%
41) Toluene-d8	7.32	98	619618	47.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.86%
43) trans-1,3-Dichloropropene-	7.62	79	109092	42.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.28%
47) 2-Hexanone-d5	8.09	63	192324	108.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.96%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	286956	47.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.34%
64) 1,2-Dichlorobenzene-d4	11.63	152	231851	50.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.42%

Target Compounds

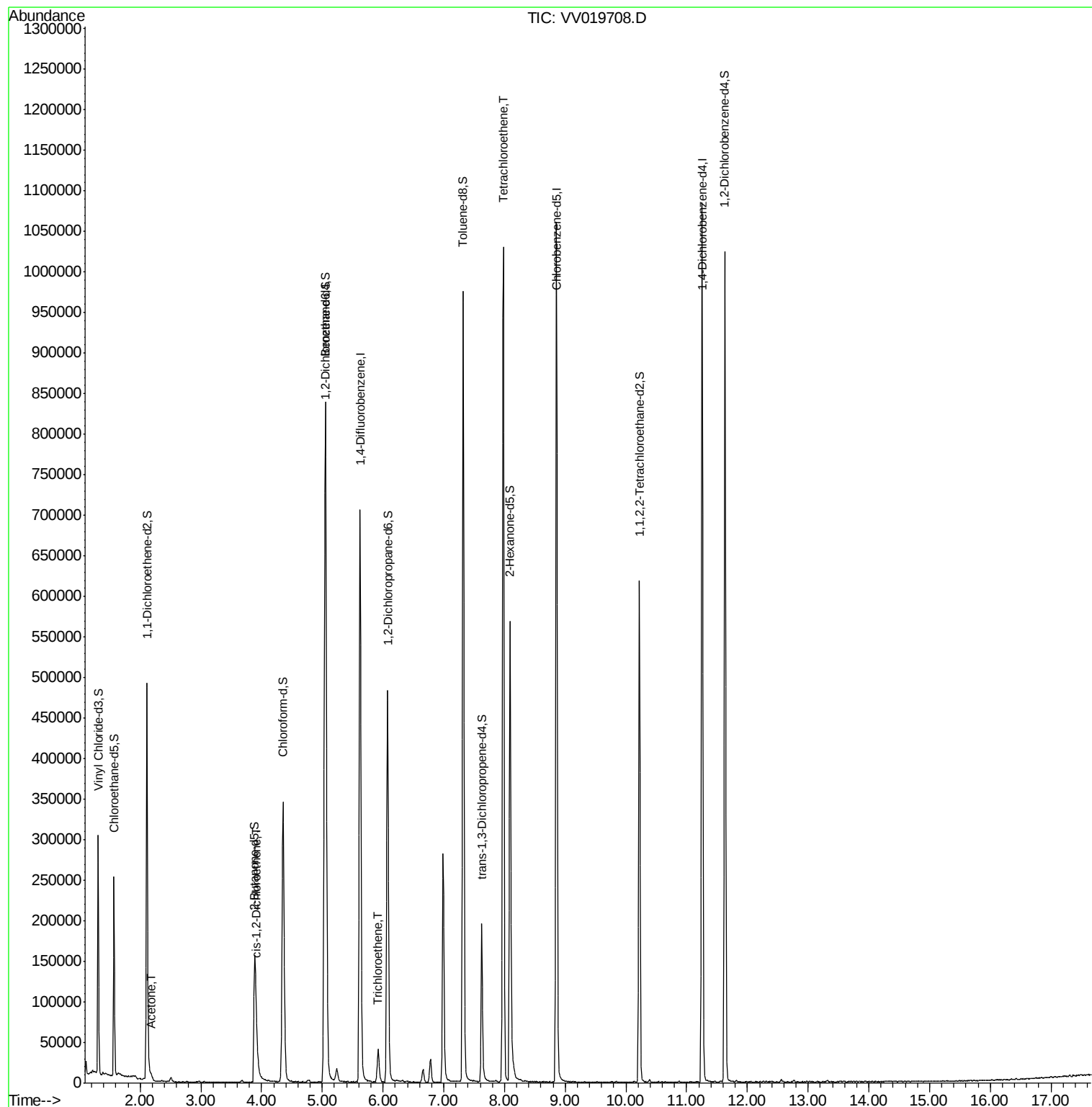
					Ovalue
13) Acetone	2.18	43	8007	4.175 ug/L	98
20) cis-1,2-Dichloroethene	3.92	96	7745	1.868 ug/L #	90
34) Trichloroethene	5.92	95	11285	2.715 ug/L	92
46) Tetrachloroethene	7.98	164	209046	72.692 ug/L	99

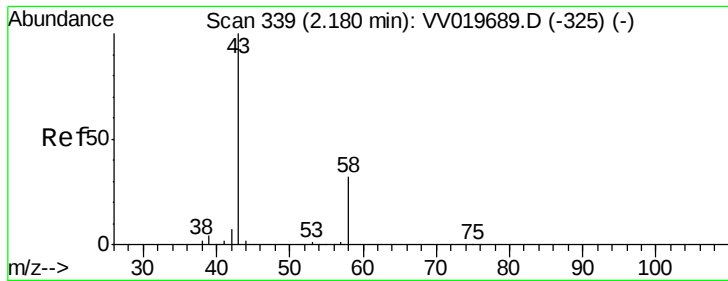
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.175 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV019708.D

Acq: 18 Dec 2020 18:32

Instrument :

MSVOA_V

ClientSampleId :

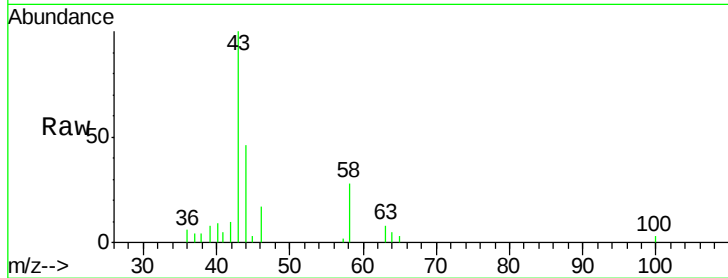
BG4Q4

Tot Ion: 43 Resp: 8007

Ion Ratio Lower Upper

43 100

58 29.4 0.0 61.6

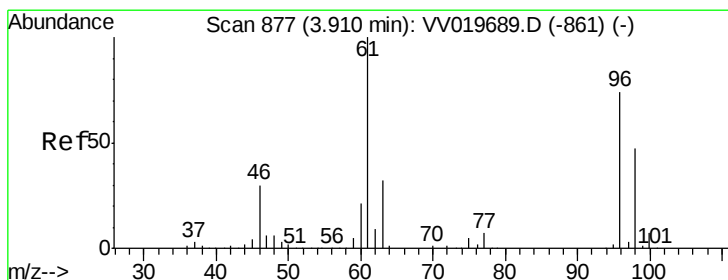
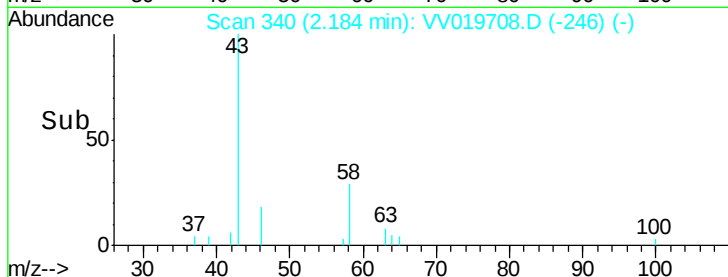


Abundance Ion 43.00 (42.70 to 43.70): VV019689.D (-325) (-)

Ion 58.00 (57.70 to 58.70): VV019689.D (-325) (-)

2.18

Time-->



#20

cis-1,2-Dichloroethene

Concen: 1.868 ug/L

RT: 3.92 min Scan# 880

Delta R.T. 0.01 min

Lab File: VV019708.D

Acq: 18 Dec 2020 18:32

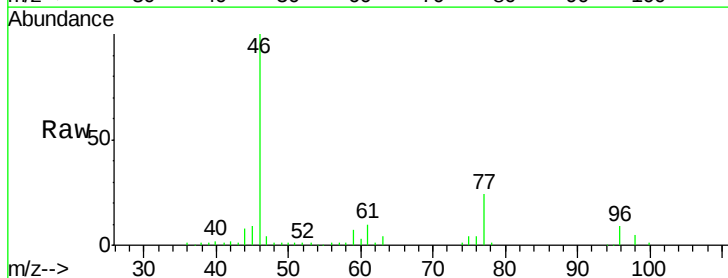
Tgt Ion: 96 Resp: 7745

Ion Ratio Lower Upper

96 100

61 122.3 94.1 174.8

68 0.0 0.1 0.1#



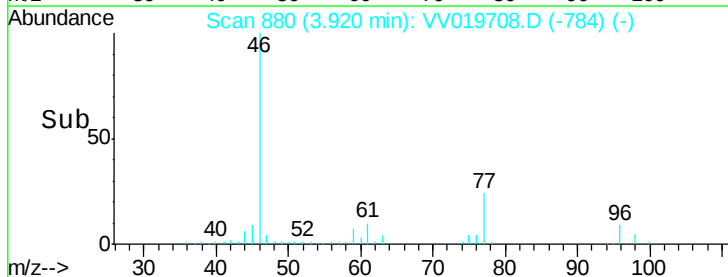
Abundance Ion 96.00 (95.70 to 96.70): VV019689.D (-861) (-)

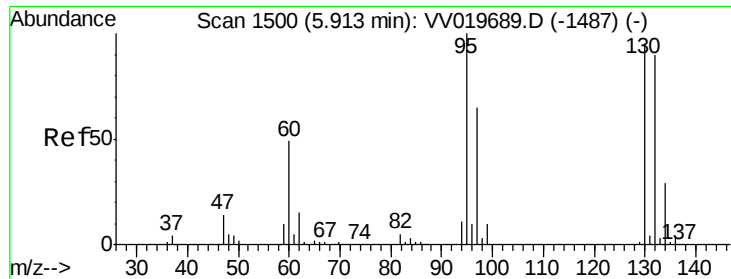
Ion 61.00 (60.70 to 61.70): VV019689.D (-861) (-)

Ion 68.00 (67.70 to 68.70): VV019689.D (-861) (-)

3.92

Time-->





#34

Trichloroethene

Concen: 2.715 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.01 min

Lab File: VV019708.D

Acq: 18 Dec 2020 18:32

Instrument :

MSVOA_V

ClientSampleId :

BG4Q4

Tot Ion: 95 Resp: 11285

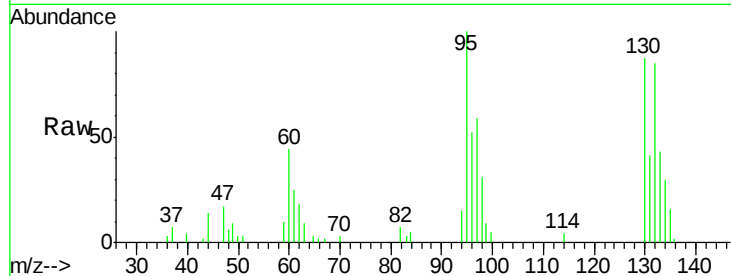
Ion Ratio Lower Upper

95 100

97 59.2 44.4 82.4

132 84.7 64.3 119.3

130 86.6 67.8 125.8



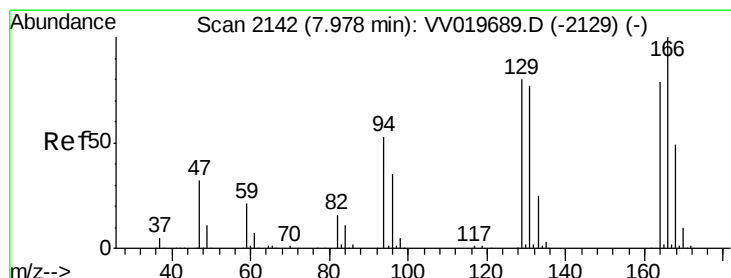
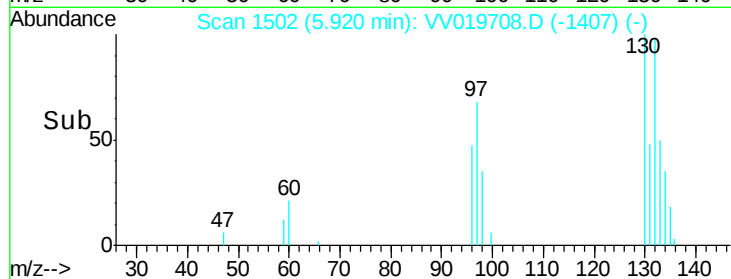
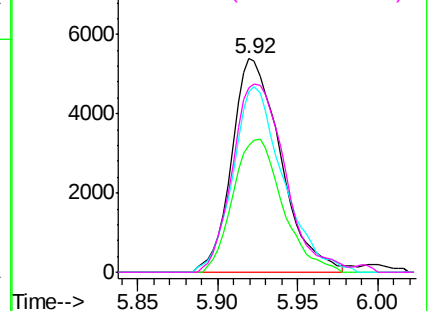
Abundance

Ion 95.00 (94.70 to 95.70): VV019689.D (-1487) (-)

Ion 97.00 (96.70 to 97.70): VV019689.D (-1487) (-)

Ion 132.00 (131.70 to 132.70): VV019689.D (-1487) (-)

Ion 130.00 (129.70 to 130.70): VV019689.D (-1487) (-)



#46

Tetrachloroethene

Concen: 72.692 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VV019708.D

Acq: 18 Dec 2020 18:32

Tgt Ion: 164 Resp: 209046

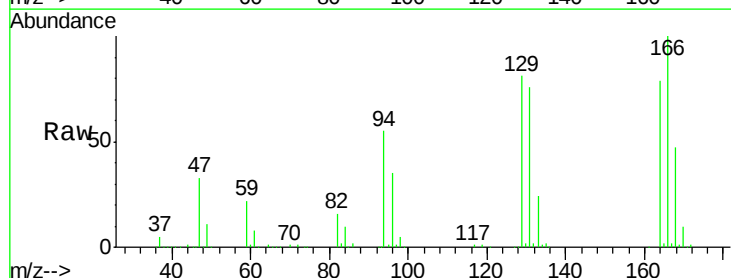
Ion Ratio Lower Upper

164 100

129 102.3 70.6 131.0

131 96.9 68.0 126.4

166 126.7 86.9 161.5



Abundance

Ion 164.00 (163.70 to 164.70): VV019689.D (-2129) (-)

Ion 129.00 (128.70 to 129.70): VV019689.D (-2129) (-)

Ion 131.00 (130.70 to 131.70): VV019689.D (-2129) (-)

Ion 166.00 (165.70 to 166.70): VV019689.D (-2129) (-)

