

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121820\
 Data File : VV019707.D
 Acq On : 18 Dec 2020 18:08
 Operator : SY/MD
 Sample : L5098-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4P6

Quant Time: Dec 19 08:08:36 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	493593	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	462910	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	212876	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	153336	43.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.64%
7) Chloroethane-d5	1.57	69	128358	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.96%
11) 1,1-Dichloroethene-d2	2.11	63	227760	34.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.34%
21) 2-Butanone-d5	3.89	46	233860	121.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.56%
24) Chloroform-d	4.35	84	293650	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.06%
26) 1,2-Dichloroethane-d4	5.04	65	206704	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.16%
32) Benzene-d6	5.05	84	583154	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.46%
36) 1,2-Dichloropropane-d6	6.07	67	189414	48.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.96%
41) Toluene-d8	7.32	98	507607	45.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.32%
43) trans-1,3-Dichloropropene-	7.62	79	88741	40.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.68%
47) 2-Hexanone-d5	8.09	63	156126	102.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.86%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	237369	45.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.76%
64) 1,2-Dichlorobenzene-d4	11.63	152	191575	48.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.28%

Target Compounds

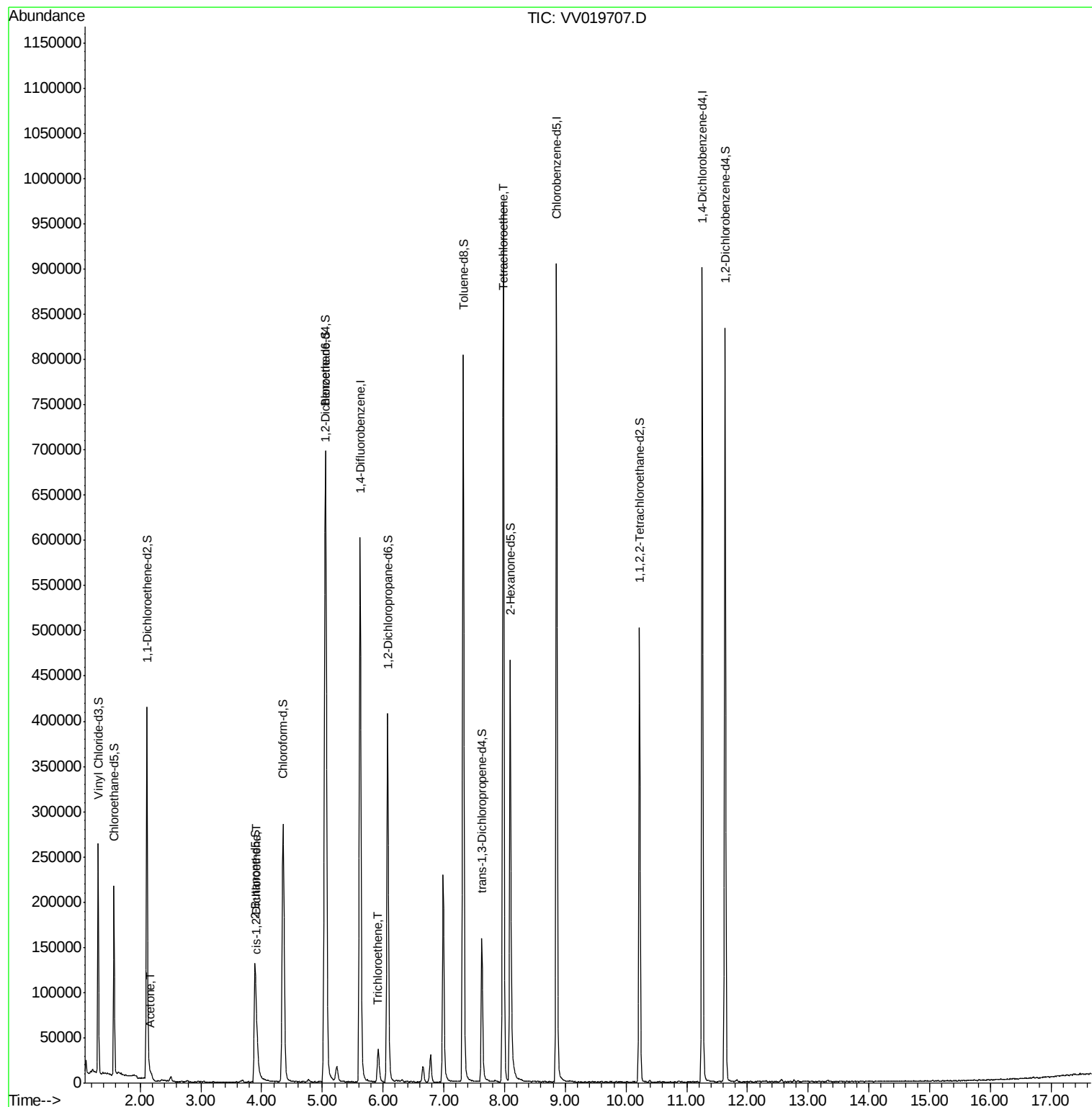
					Ovalue
13) Acetone	2.18	43	7232	4.413 ug/L	94
20) cis-1,2-Dichloroethene	3.92	96	7277	2.054 ug/L #	99
34) Trichloroethene	5.93	95	10546	2.951 ug/L	98
46) Tetrachloroethene	7.98	164	198327	80.200 ug/L	98

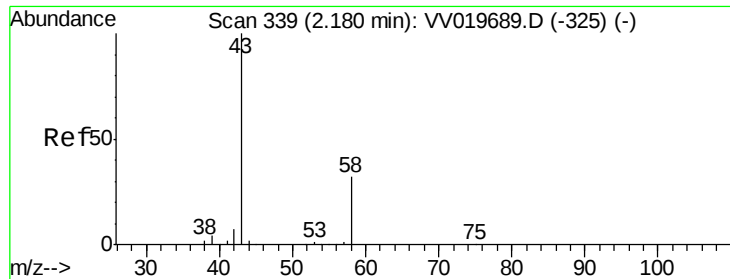
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.413 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.00 min

Lab File: VV019707.D

Acq: 18 Dec 2020 18:08

Instrument :

MSVOA_V

ClientSampleId :

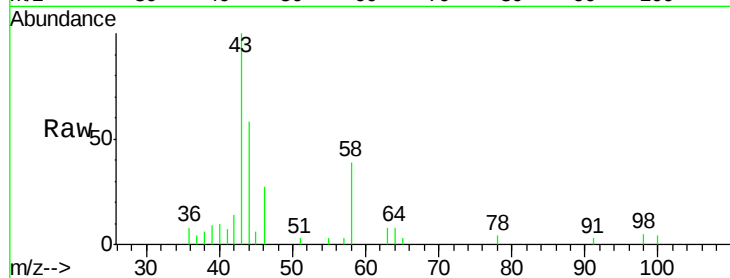
BG4P6

Tot Ion: 43 Resp: 7232

Ion Ratio Lower Upper

43 100

58 33.9 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

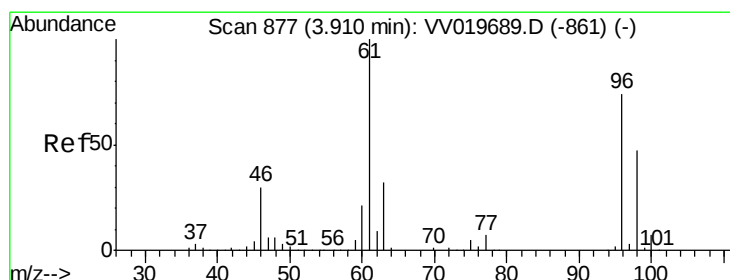
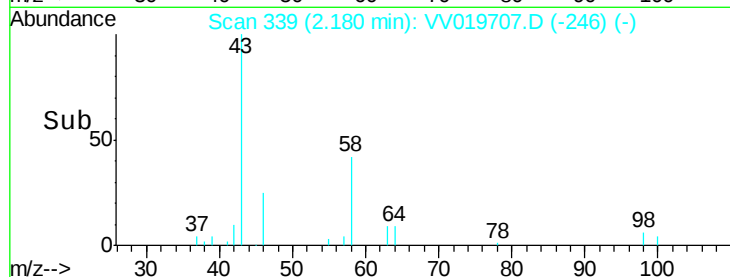
3000

2000

1000

0

Time--> 2.10 2.15 2.20 2.25



#20

cis-1,2-Dichloroethene

Concen: 2.054 ug/L

RT: 3.92 min Scan# 880

Delta R.T. 0.01 min

Lab File: VV019707.D

Acq: 18 Dec 2020 18:08

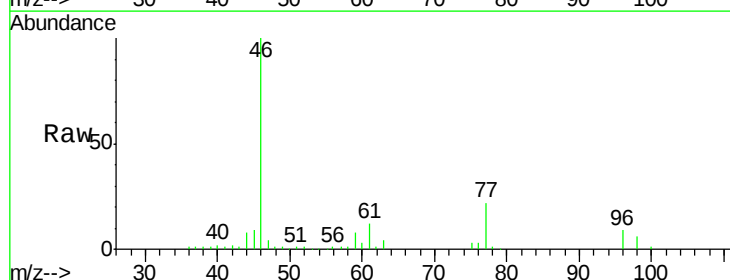
Tgt Ion: 96 Resp: 7277

Ion Ratio Lower Upper

96 100

61 135.1 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

5000

4000

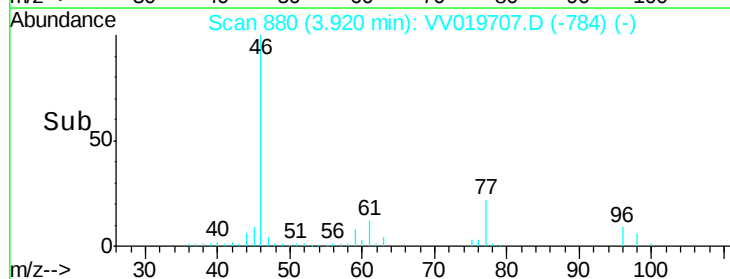
3000

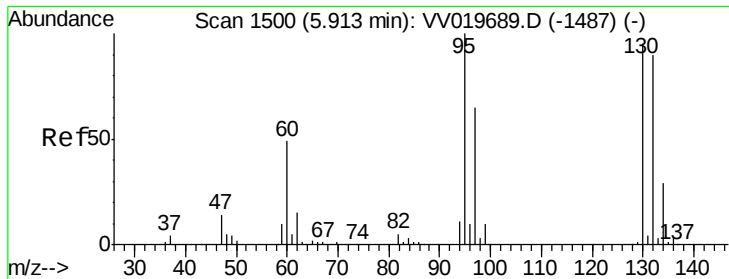
2000

1000

0

Time--> 3.85 3.90 3.95 4.00

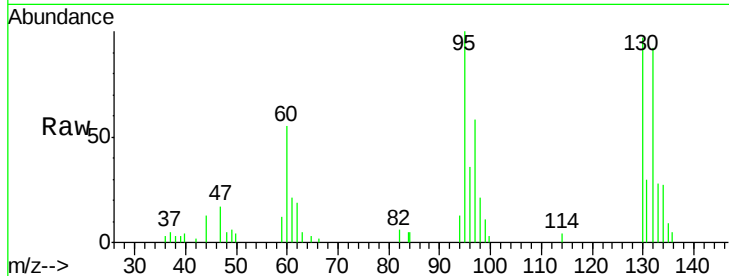




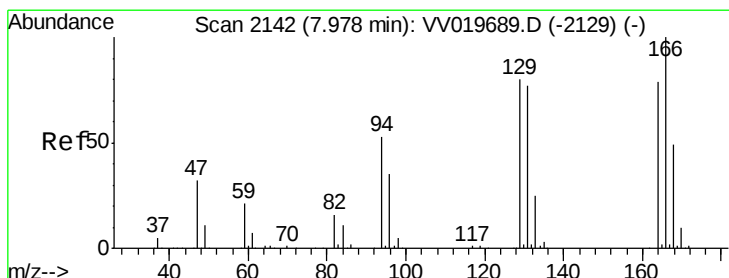
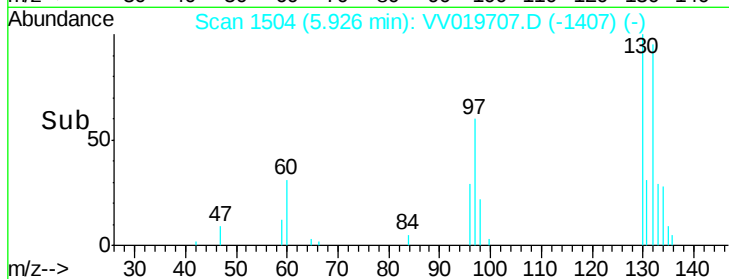
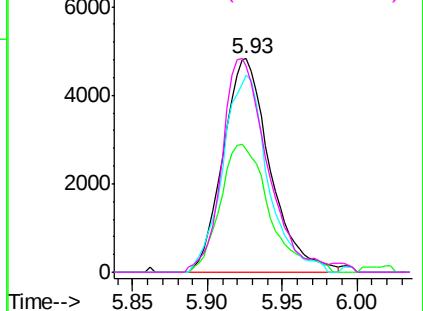
#34
 Trichloroethene
 Concen: 2.951 ug/L
 RT: 5.93 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: VV019707.D
 Acq: 18 Dec 2020 18:08

Instrument :
 MSVOA_V
 ClientSampled :
 BG4P6

Tot Ion:	95	Resp:	10546
Ion	Ratio	Lower	Upper
95	100		
97	57.7	44.4	82.4
132	92.3	64.3	119.3
130	96.7	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: 80.200 ug/L
 RT: 7.98 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VV019707.D
 Acq: 18 Dec 2020 18:08

Tgt Ion:	164	Resp:	198327
Ion	Ratio	Lower	Upper
164	100		
129	101.9	70.6	131.0
131	96.5	68.0	126.4
166	128.0	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) (-)

