

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082318\
 Data File : VW004902.D
 Acq On : 23 Aug 2018 17:27
 Operator : SY/AP
 Sample : J4624-05
 Misc : 6.71G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E4431

Quant Time: Aug 24 06:54:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 05:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	850619	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	821223	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	412377	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	305214	18.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.92%
7) Chloroethane-d5	2.89	69	233961	19.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.52%
10) 1,1-Dichloroethene-d2	4.03	63	322882	15.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.92%
20) 2-Butanone-d5	7.09	46	115172	35.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.40%
24) Chloroform-d	7.66	84	399606	21.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.64%
26) 1,2-Dichloroethane-d4	8.31	65	217525	21.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.80%
29) Benzene-d6	8.28	84	1009040	23.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.56%
33) 1,2-Dichloropropane-d6	9.28	67	297617	23.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.92%
37) Toluene-d8	10.33	98	1030426	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.12%
38) trans-1,3-Dichloropropene-	10.59	79	126845	23.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.00%
39) 2-Hexanone-d5	10.93	63	123896	40.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.58%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	258433	20.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	376961	22.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.04%

Target Compounds

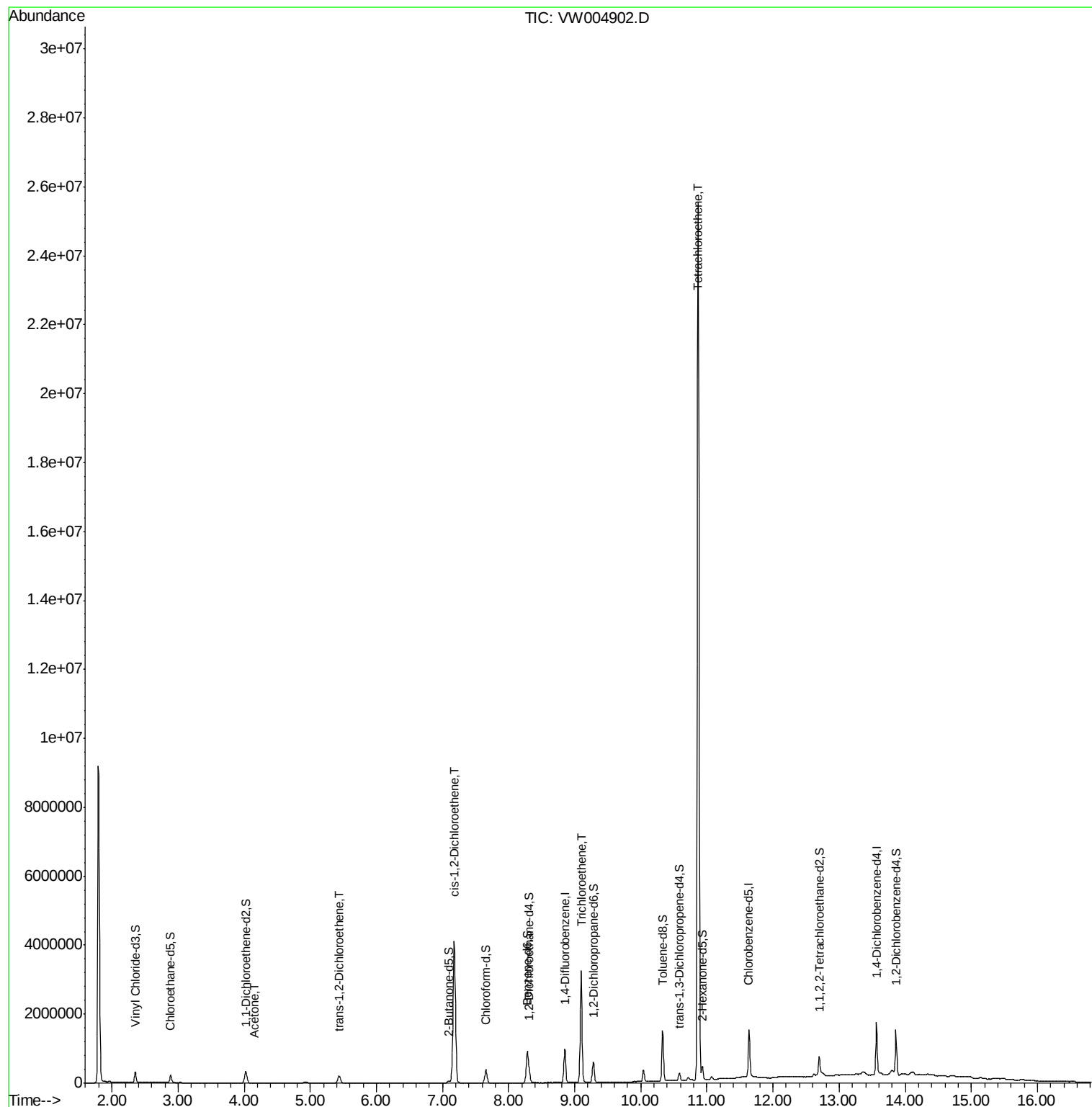
					Ovalue
13) Acetone	4.15	43	8835	3.49 ug/L	96
18) trans-1,2-Dichloroethene	5.43	96	138727	13.45 ug/L	96
22) cis-1,2-Dichloroethene	7.18	96	2570910	231.03 ug/L	97
35) Trichloroethene	9.10	95	1177946	101.17 ug/L	99
47) Tetrachloroethene	10.87	164	6164839	540.83 ug/L	99

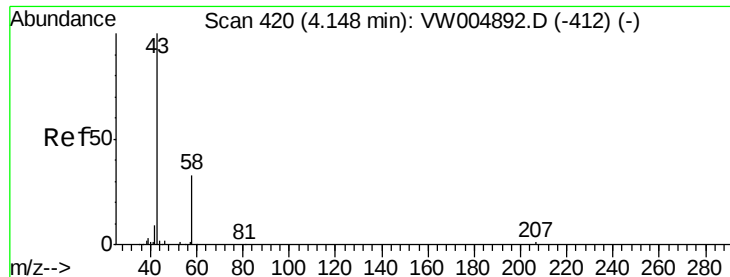
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.49 ug/L

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW004902.D

Acq: 23 Aug 2018 17:27

Instrument :

MSVOA_W

ClientSampled :

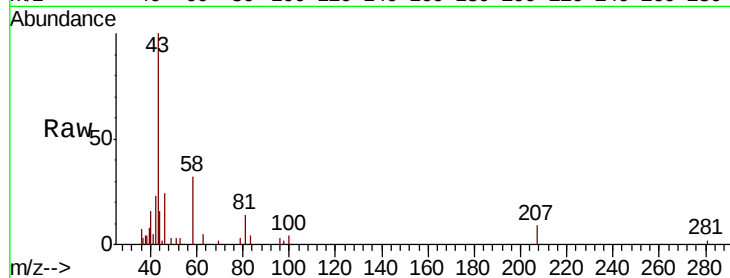
E4431

Tot Ion: 43 Resp: 8835

Ion Ratio Lower Upper

43 100

58 32.5 0.0 69.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

3000

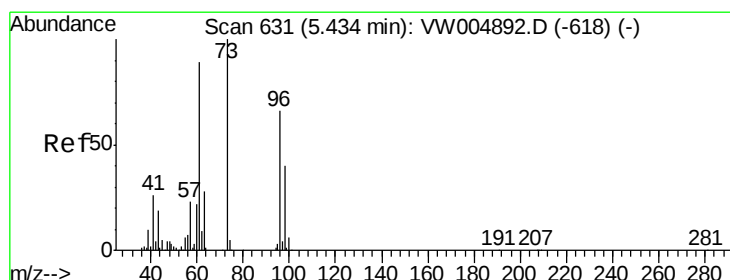
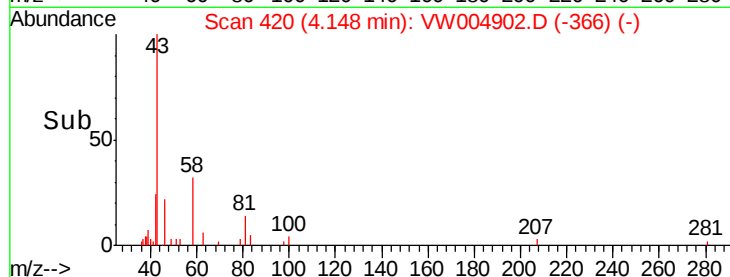
2000

1000

0

4.05 4.10 4.15 4.20 4.25

Time-->



#18

trans-1,2-Dichloroethene

Concen: 13.45 ug/L

RT: 5.43 min Scan# 631

Delta R.T. 0.00 min

Lab File: VW004902.D

Acq: 23 Aug 2018 17:27

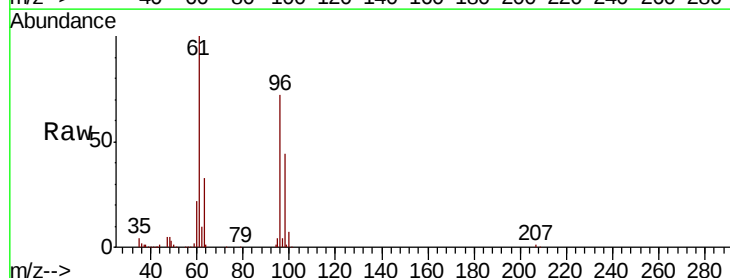
Tgt Ion: 96 Resp: 138727

Ion Ratio Lower Upper

96 100

61 138.9 92.5 171.9

98 61.8 42.8 79.4



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW

80000

60000

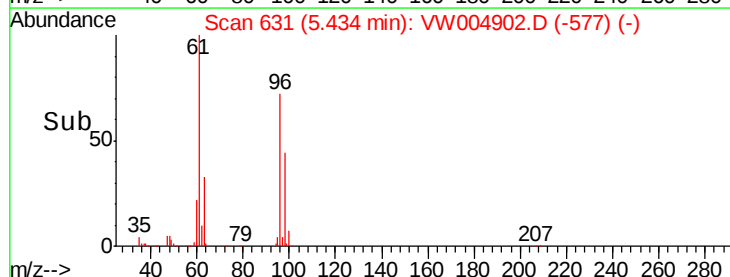
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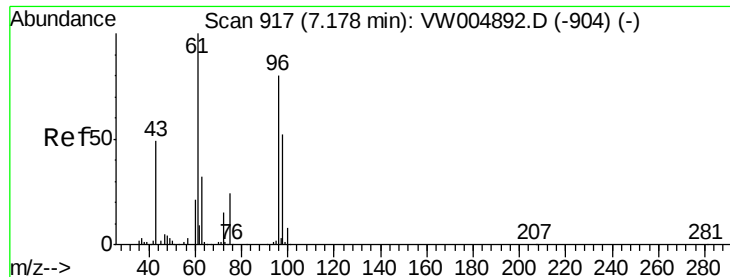
20000

0

5.30 5.40 5.50

Time-->



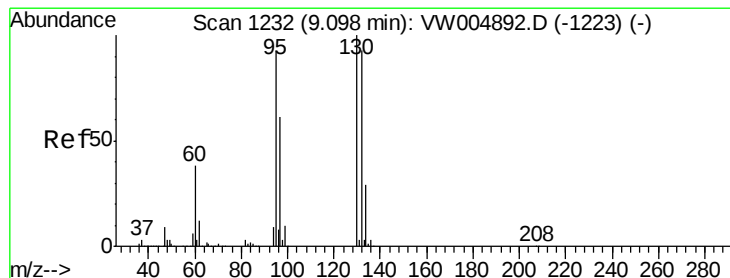
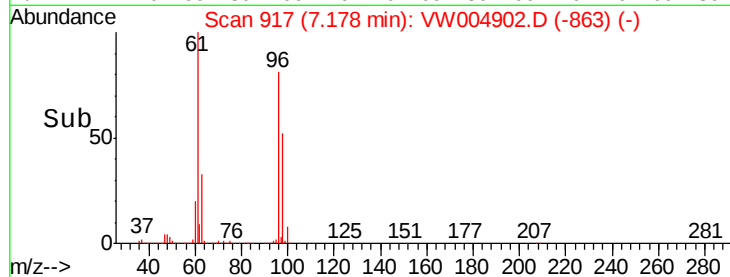
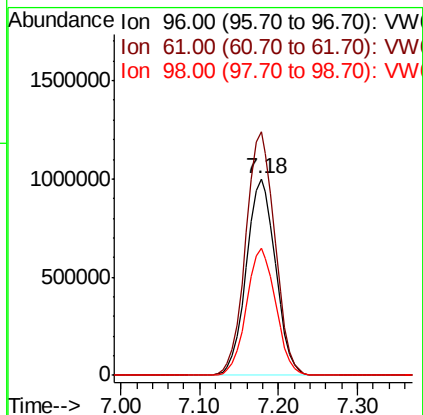
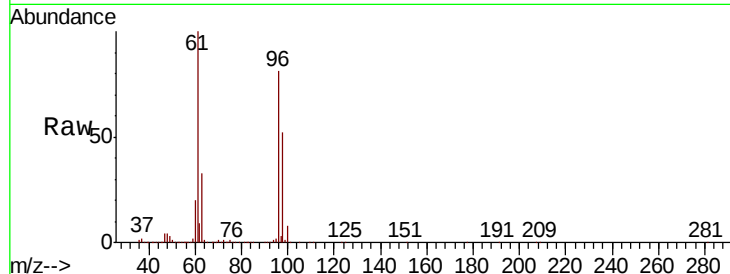


#22

cis-1,2-Dichloroethene
 Concen: 231.03 ug/L
 RT: 7.18 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: VW004902.D
 Acq: 23 Aug 2018 17:27

Instrument :
 MSVOA_W
 ClientSampleId :
 E4431

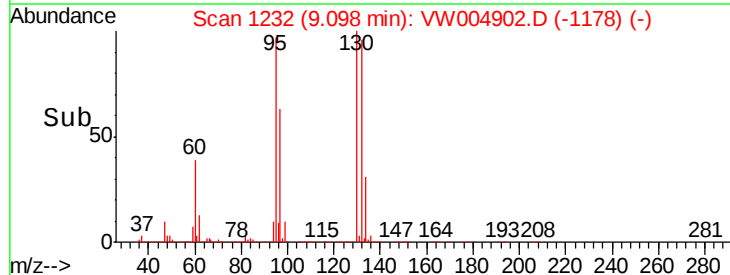
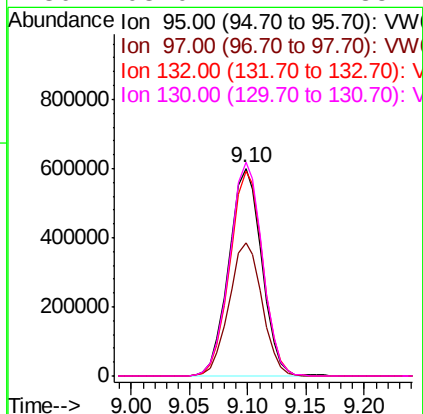
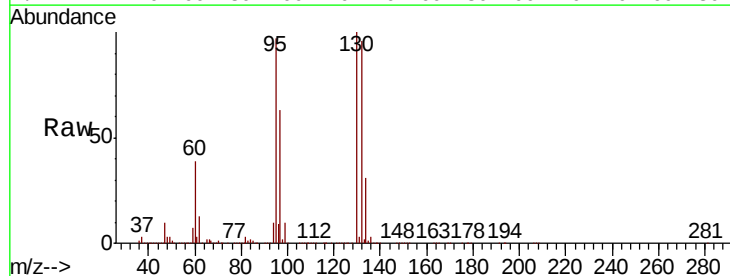
Tot Ion: 96 Resp: 2570910
 Ion Ratio Lower Upper
 96 100
 61 124.0 89.7 166.7
 98 64.6 45.0 83.6

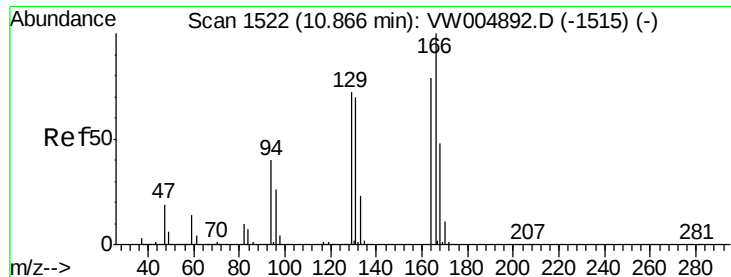


#35

Trichloroethene
 Concen: 101.17 ug/L
 RT: 9.10 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VW004902.D
 Acq: 23 Aug 2018 17:27

Tgt Ion: 95 Resp: 1177946
 Ion Ratio Lower Upper
 95 100
 97 64.6 45.9 85.3
 132 99.2 69.2 128.4
 130 103.0 72.7 135.1





#47

Tetrachloroethene

Concen: 540.83 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004902.D

Acq: 23 Aug 2018 17:27

Instrument :

MSVOA_W

ClientSampleId :

E4431

Tot Ion:164 Resp: 6164839

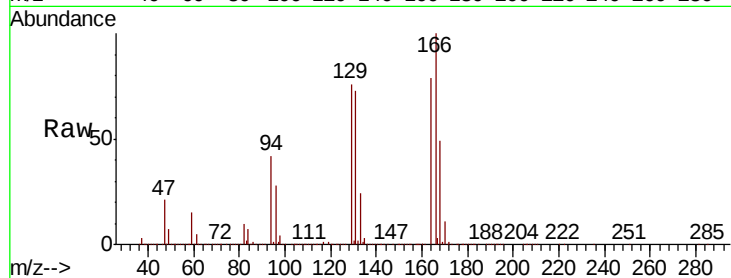
Ion Ratio Lower Upper

164 100

129 96.1 66.8 124.0

131 92.8 64.0 119.0

166 126.4 89.8 166.8



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

