

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082318\
 Data File : VW004900.D
 Acq On : 23 Aug 2018 16:36
 Operator : SY/AP
 Sample : J4624-03
 Misc : 6.17G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E4429

Quant Time: Aug 24 06:43:41 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	771801	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	767986	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	380414	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	310412	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.12%
7) Chloroethane-d5	2.89	69	243970	22.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.24%
10) 1,1-Dichloroethene-d2	4.03	63	324617	17.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.72%
20) 2-Butanone-d5	7.09	46	96698	32.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.14%
24) Chloroform-d	7.66	84	404520	23.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.44%
26) 1,2-Dichloroethane-d4	8.32	65	213352	22.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.68%
29) Benzene-d6	8.28	84	1013124	25.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.60%
33) 1,2-Dichloropropane-d6	9.28	67	294276	25.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.40%
37) Toluene-d8	10.33	98	1023354	24.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.80%
38) trans-1,3-Dichloropropene-	10.59	79	118270	23.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.72%
39) 2-Hexanone-d5	10.93	63	107178	37.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.54%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	230201	19.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	384604	25.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.68%

Target Compounds

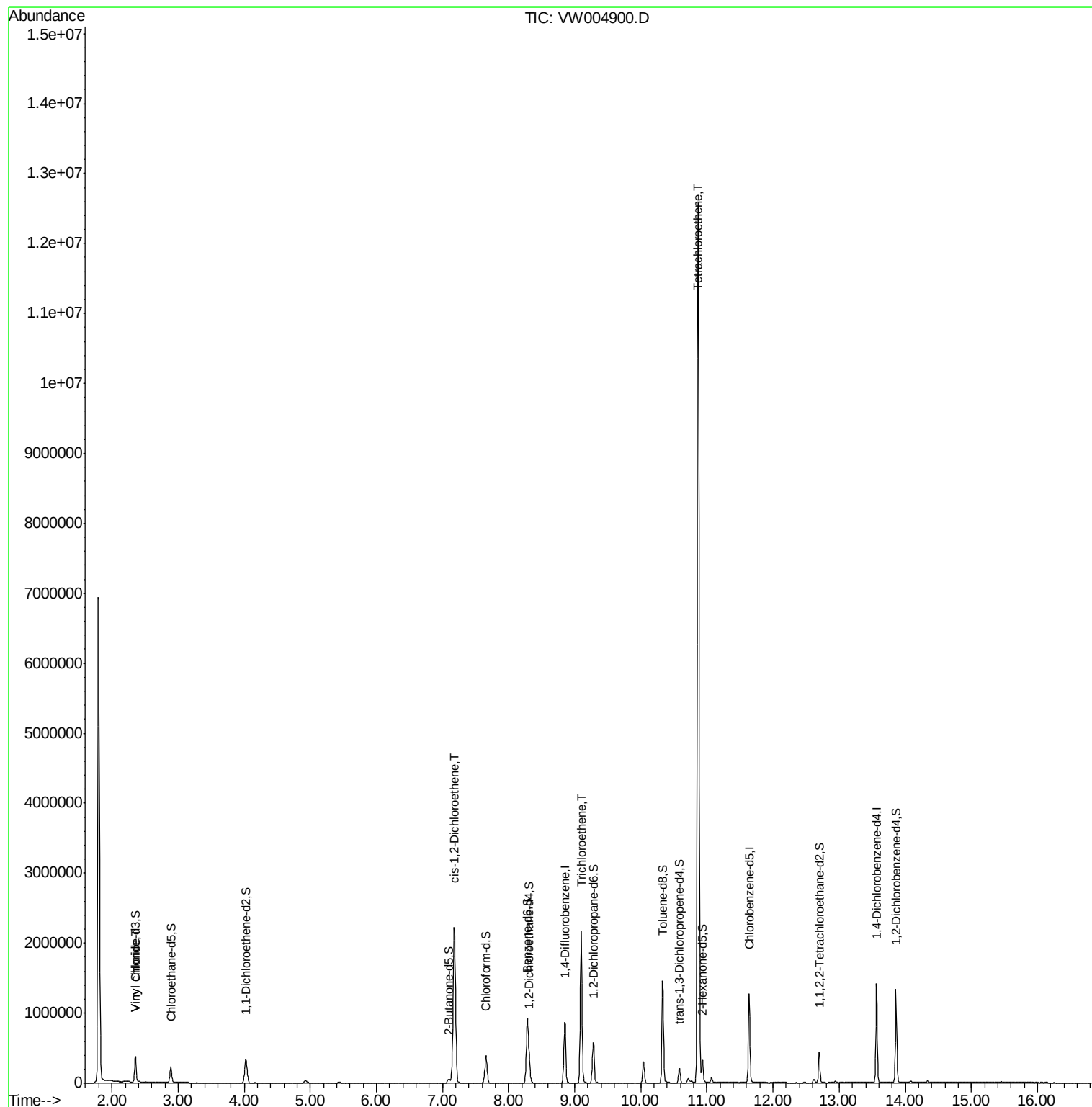
					Ovalue
5) Vinyl chloride	2.36	62	69770	4.19	ug/L 90
22) cis-1,2-Dichloroethene	7.18	96	1383232	137.00	ug/L 98
35) Trichloroethene	9.10	95	777409	71.40	ug/L 99
47) Tetrachloroethene	10.87	164	3086217	289.52	ug/L 98

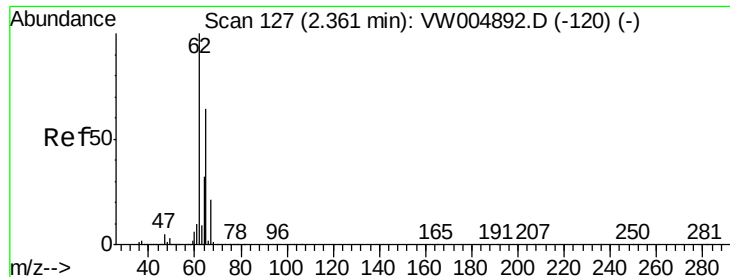
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.19 ug/L

RT: 2.36 min Scan# 127

Delta R.T. 0.00 min

Lab File: VW004900.D

Acq: 23 Aug 2018 16:36

Instrument :

MSVOA_W

ClientSampled :

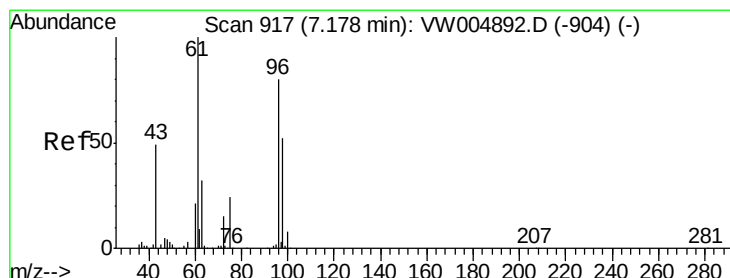
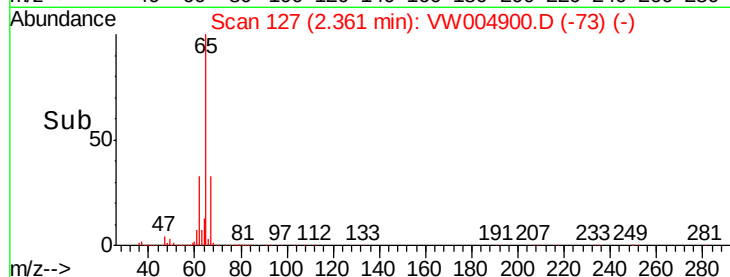
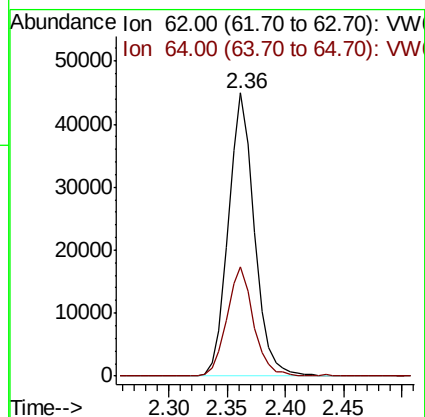
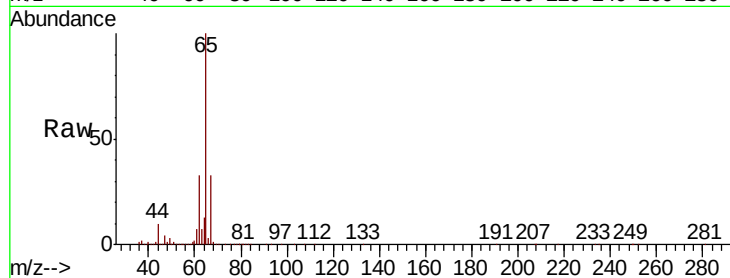
E4429

Tot Ion: 62 Resp: 69770

Ion Ratio Lower Upper

62 100

64 38.8 23.3 43.3



#22

cis-1,2-Dichloroethene

Concen: 137.00 ug/L

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW004900.D

Acq: 23 Aug 2018 16:36

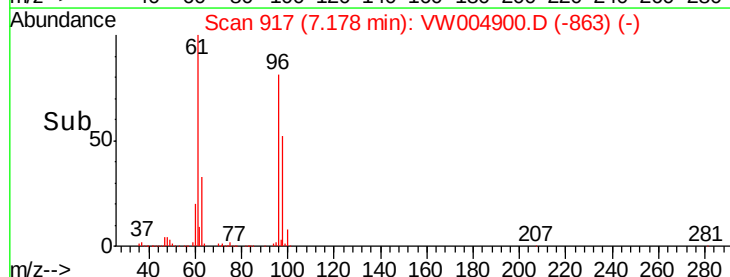
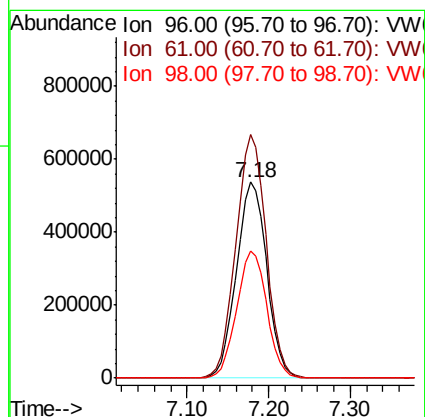
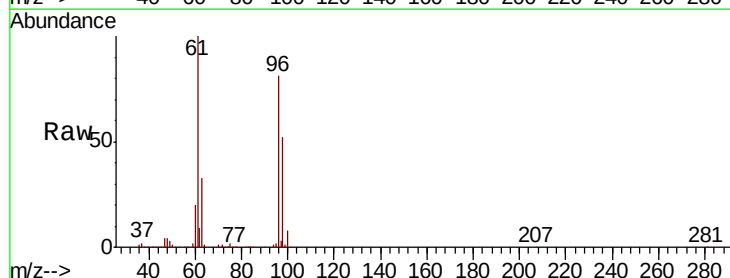
Tgt Ion: 96 Resp: 1383232

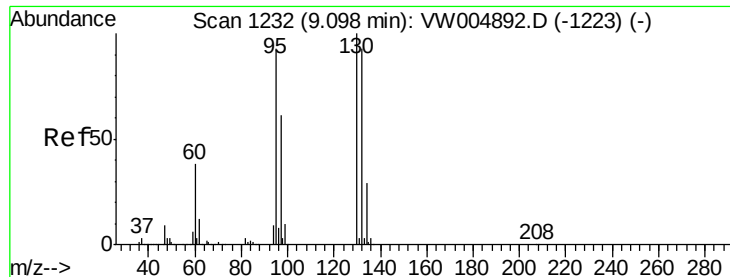
Ion Ratio Lower Upper

96 100

61 124.2 89.7 166.7

98 64.7 45.0 83.6





#35

Trichloroethene

Concen: 71.40 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW004900.D

Acq: 23 Aug 2018 16:36

Instrument :

MSVOA_W

ClientSampled :

E4429

Tot Ion: 95 Resp: 777409

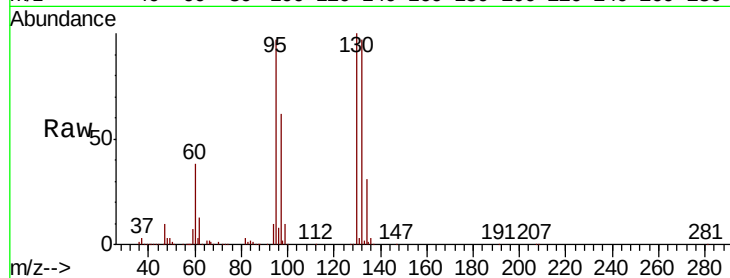
Ion Ratio Lower Upper

95 100

97 64.8 45.9 85.3

132 99.8 69.2 128.4

130 103.5 72.7 135.1



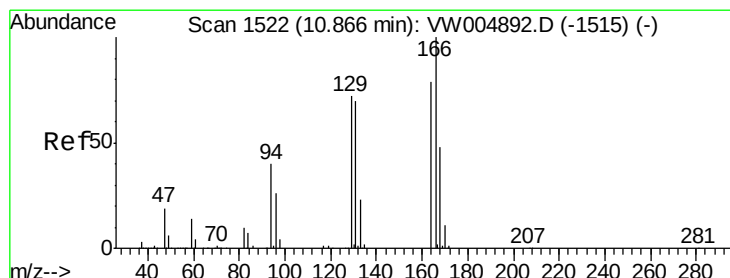
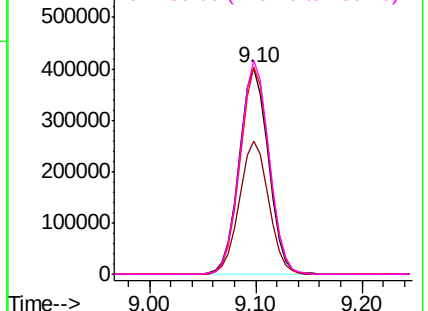
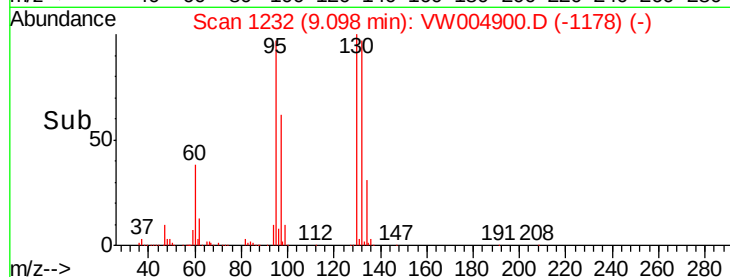
Abundance

Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#47

Tetrachloroethene

Concen: 289.52 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004900.D

Acq: 23 Aug 2018 16:36

Tgt Ion:164 Resp: 3086217

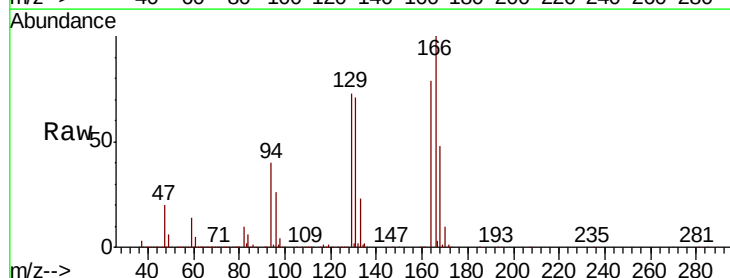
Ion Ratio Lower Upper

164 100

129 92.8 66.8 124.0

131 90.0 64.0 119.0

166 126.9 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

