

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082318\
 Data File : VW004899.D
 Acq On : 23 Aug 2018 16:11
 Operator : SY/AP
 Sample : J4624-01
 Misc : 5.98G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E4427

Quant Time: Aug 24 06:37:22 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	836237	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	775783	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	364190	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	336227	21.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.08%
7) Chloroethane-d5	2.89	69	254070	21.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.72%
10) 1,1-Dichloroethene-d2	4.03	63	346167	17.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.60%
20) 2-Butanone-d5	7.09	46	76732	23.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.70%
24) Chloroform-d	7.65	84	416557	22.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.76%
26) 1,2-Dichloroethane-d4	8.31	65	200781	19.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.60%
29) Benzene-d6	8.28	84	1089813	27.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.24%
33) 1,2-Dichloropropane-d6	9.28	67	308340	26.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.20%
37) Toluene-d8	10.33	98	1064814	25.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.76%
38) trans-1,3-Dichloropropene-	10.59	79	113797	22.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.24%
39) 2-Hexanone-d5	10.93	63	81953	28.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.42%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	195078	16.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	66.24%
61) 1,2-Dichlorobenzene-d4	13.87	152	369696	25.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.08%

Target Compounds

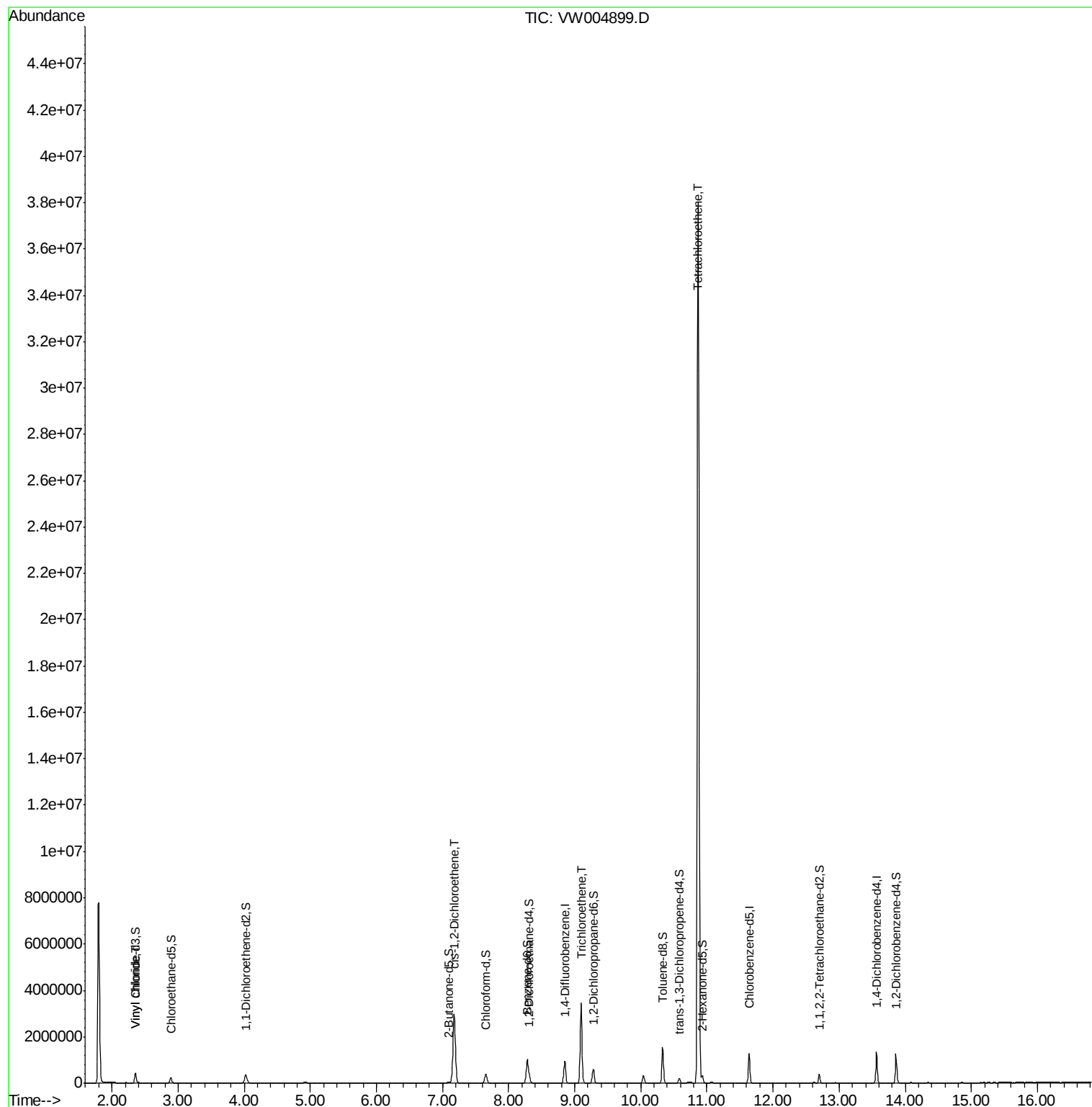
					Ovalue
5) Vinyl chloride	2.36	62	104413	5.78	ug/L 94
22) cis-1,2-Dichloroethene	7.18	96	1886198	172.42	ug/L 97
35) Trichloroethene	9.10	95	1256295	114.22	ug/L 99
47) Tetrachloroethene	10.87	164	9181391	852.64	ug/L 98

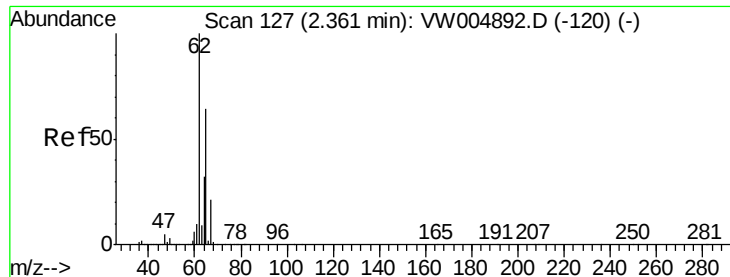
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 5.78 ug/L

RT: 2.36 min Scan# 127

Delta R.T. 0.00 min

Lab File: VW004899.D

Acq: 23 Aug 2018 16:11

Instrument :

MSVOA_W

ClientSampleId :

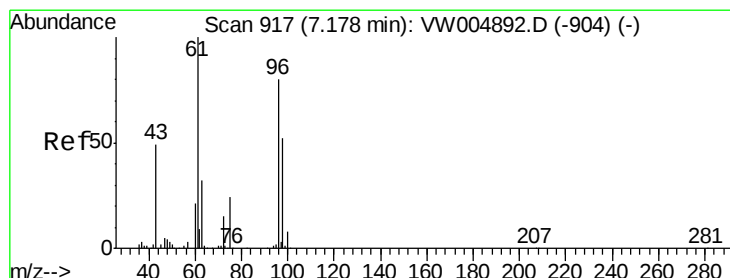
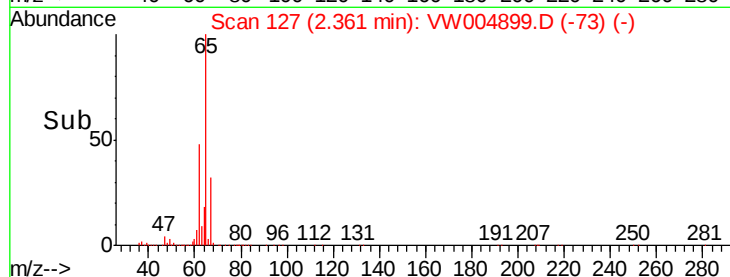
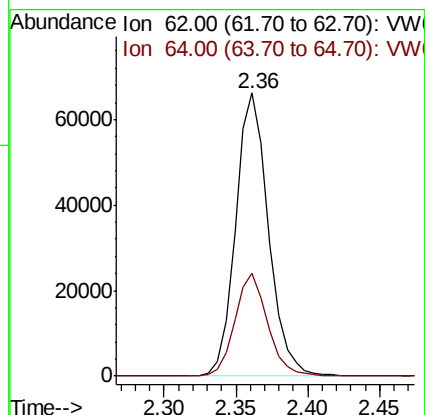
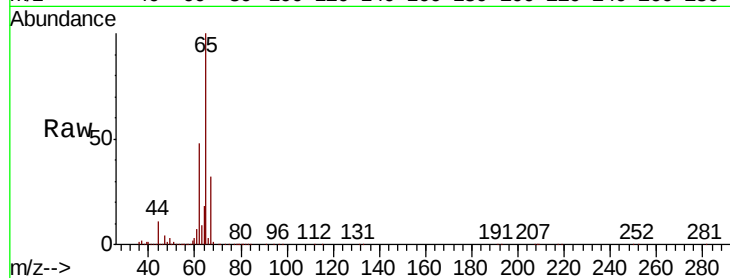
E4427

Tot Ion: 62 Resp: 104413

Ion Ratio Lower Upper

62 100

64 36.6 23.3 43.3



#22

cis-1,2-Dichloroethene

Concen: 172.42 ug/L

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW004899.D

Acq: 23 Aug 2018 16:11

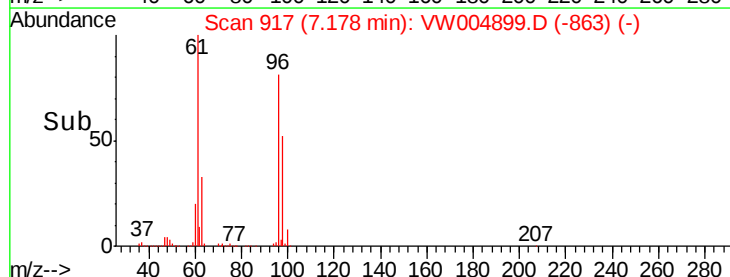
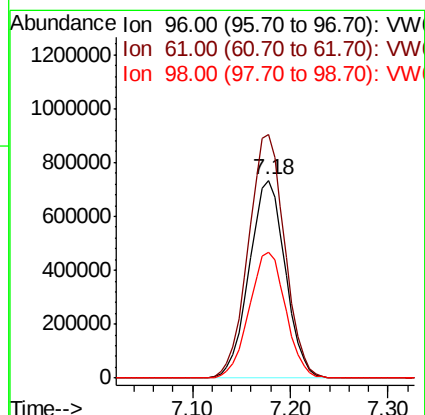
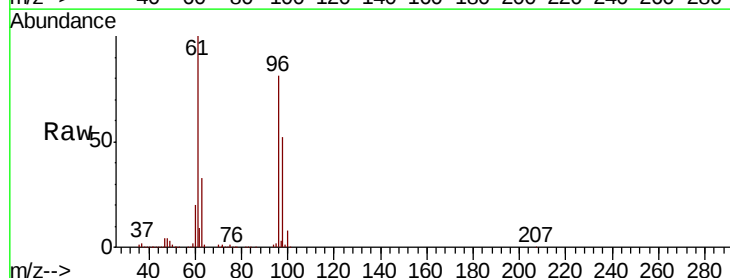
Tgt Ion: 96 Resp: 1886198

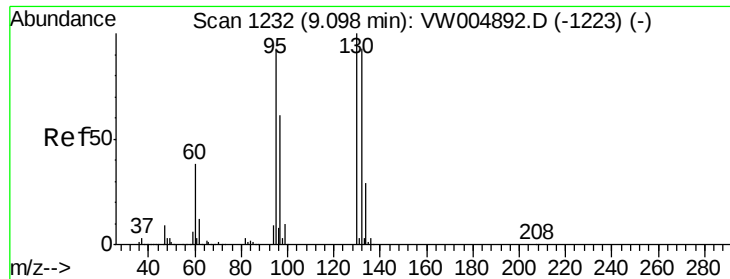
Ion Ratio Lower Upper

96 100

61 123.2 89.7 166.7

98 63.7 45.0 83.6





#35

Trichloroethene

Concen: 114.22 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW004899.D

Acq: 23 Aug 2018 16:11

Instrument :

MSVOA_W

ClientSampleId :

E4427

Tot Ion: 95 Resp: 1256295

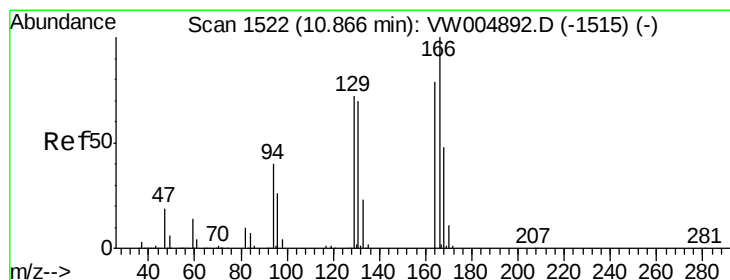
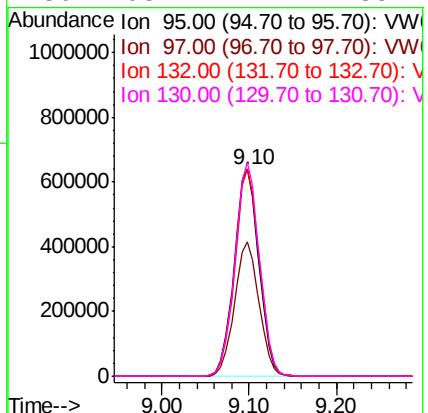
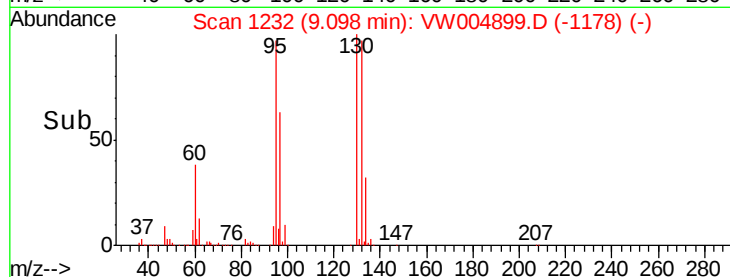
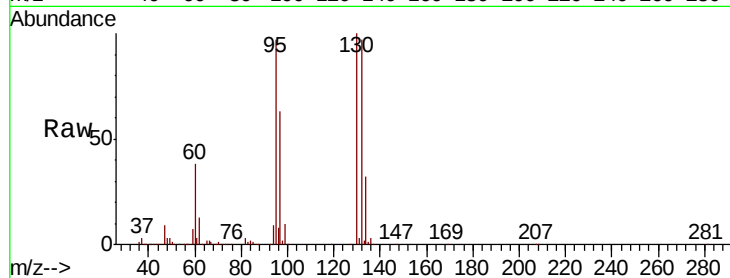
Ion Ratio Lower Upper

95 100

97 64.8 45.9 85.3

132 99.5 69.2 128.4

130 103.1 72.7 135.1



#47

Tetrachloroethene

Concen: 852.64 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004899.D

Acq: 23 Aug 2018 16:11

Tgt Ion: 164 Resp: 9181391

Ion Ratio Lower Upper

164 100

129 96.5 66.8 124.0

131 93.0 64.0 119.0

166 124.4 89.8 166.8

