

Data File : VW009303.D
Acq On : 20 Mar 2019 23:36
Operator : SY/VA
Sample : K1988-04
Misc : 5.84G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0B4

Quant Time: Mar 21 12:23:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 21 12:20:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	406524	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	382881	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	178887	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	116366	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.80%
7) Chloroethane-d5	2.90	69	110608	19.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.84%
10) 1,1-Dichloroethene-d2	4.01	63	178834	17.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.12%
20) 2-Butanone-d5	7.07	46	72582	36.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.26%
24) Chloroform-d	7.65	84	260751	23.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	8.30	65	149387	22.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.40%
29) Benzene-d6	8.27	84	488890	23.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.60%
33) 1,2-Dichloropropane-d6	9.27	67	150670	23.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.04%
37) Toluene-d8	10.32	98	432990	22.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.72%
38) trans-1,3-Dichloropropene-	10.58	79	62684	19.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.72%
39) 2-Hexanone-d5	10.93	63	53076	34.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125423	20.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	165564	24.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.56%

Target Compounds

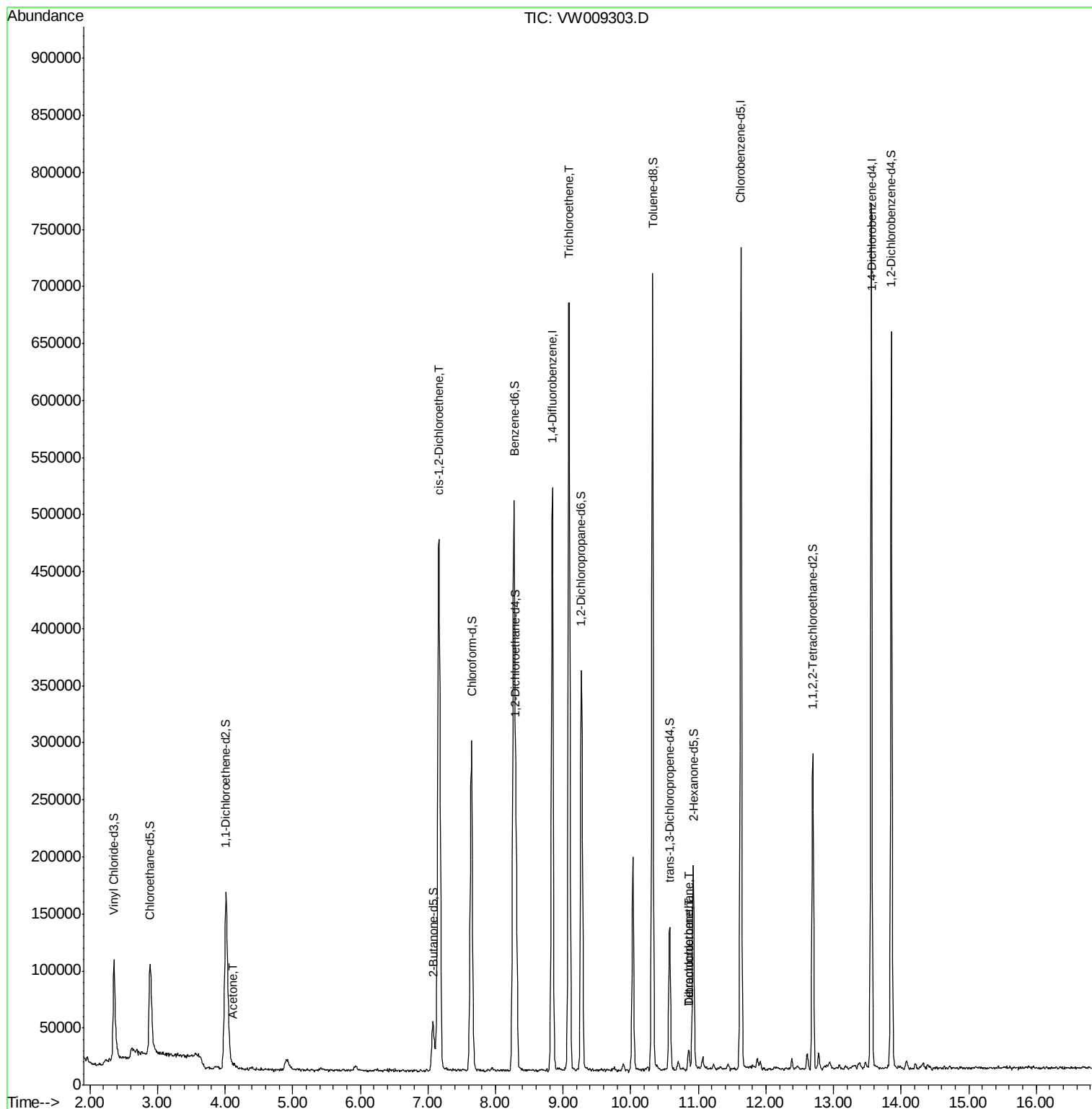
					Qvalue
13) Acetone	4.12	43	2969	1.802 ug/L	66
22) cis-1,2-Dichloroethene	7.16	96	252871	44.351 ug/L	96
35) Trichloroethene	9.09	95	214096	38.340 ug/L	99
47) Tetrachloroethene	10.87	164	3714	0.787 ug/L #	80
50) Dibromochloromethane	10.86	129	3185	0.601 ug/L #	9

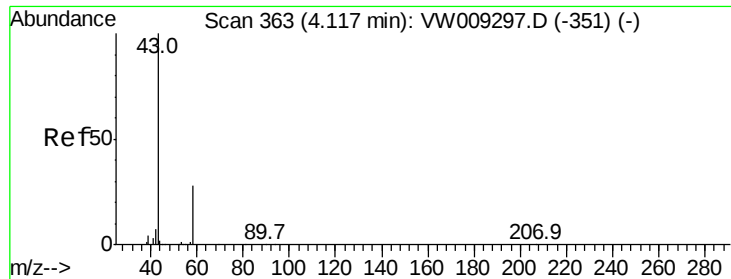
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.802 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

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Acq: 20 Mar 2019 23:36

Instrument :

MSVOA_W

ClientSampled :

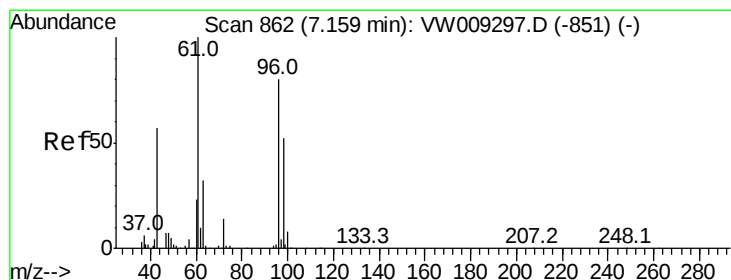
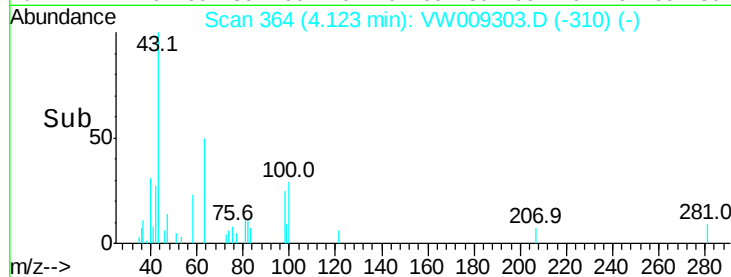
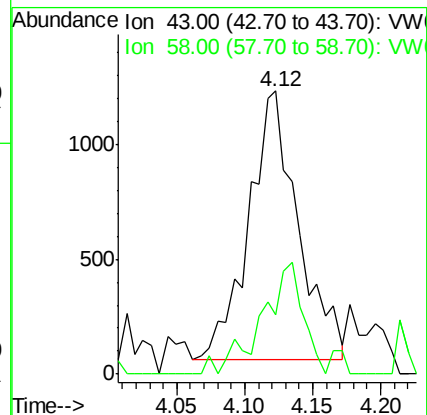
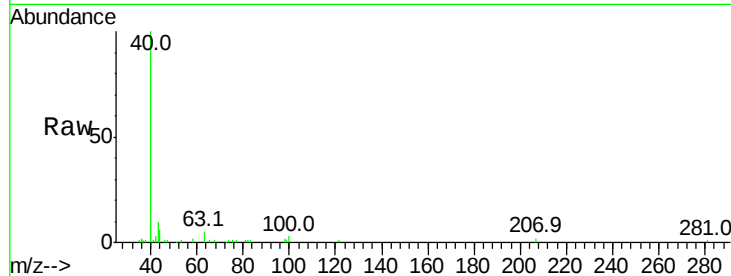
BF0B4

Tgt Ion: 43 Resp: 2969

Ion Ratio Lower Upper

43 100

58 10.2 0.0 56.2



#22

cis-1,2-Dichloroethene

Concen: 44.351 ug/L

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

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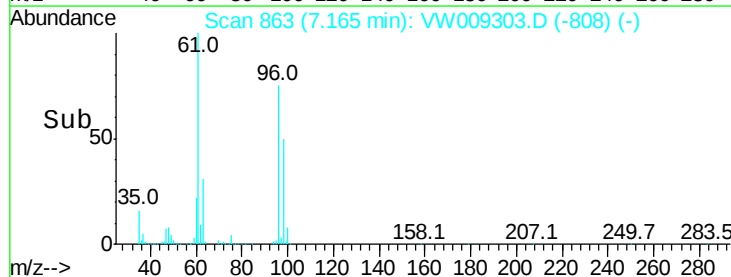
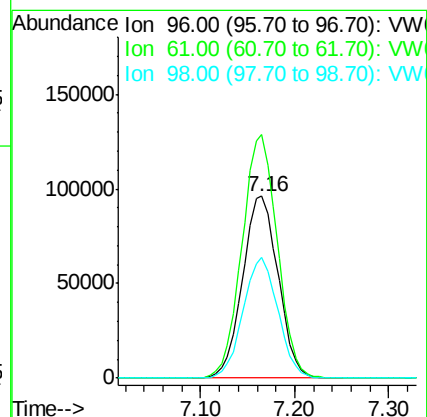
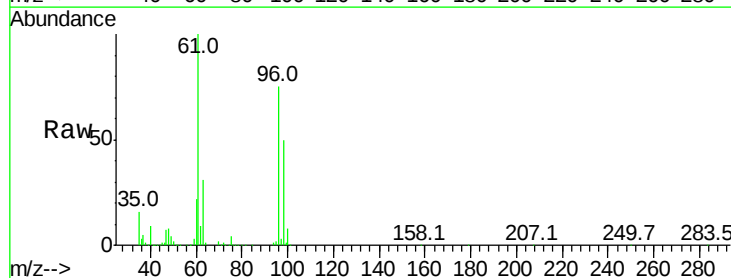
Tgt Ion: 96 Resp: 252871

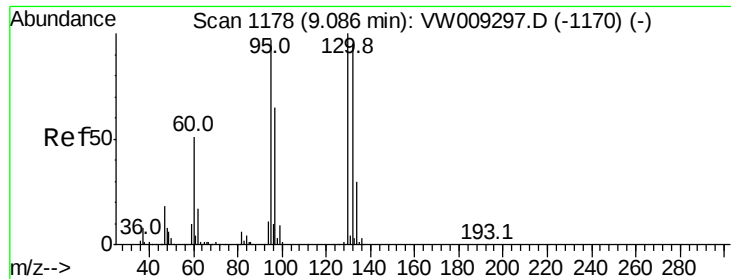
Ion Ratio Lower Upper

96 100

61 133.7 90.6 168.3

98 66.2 44.0 81.8





#35

Trichloroethene

Concen: 38.340 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW009303.D

Acq: 20 Mar 2019 23:36

Instrument :

MSVOA_W

ClientSampleId :

BF0B4

Tgt Ion: 95 Resp: 214096

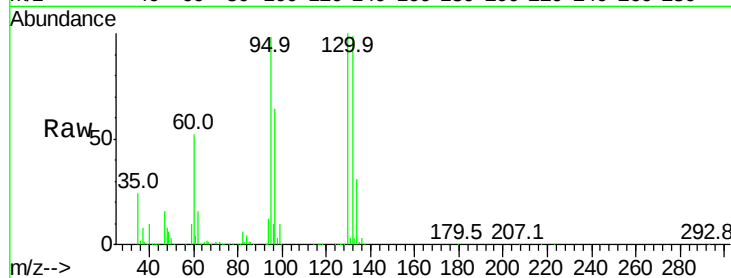
Ion Ratio Lower Upper

95 100

97 65.9 44.7 82.9

132 99.0 69.0 128.2

130 103.1 72.7 134.9

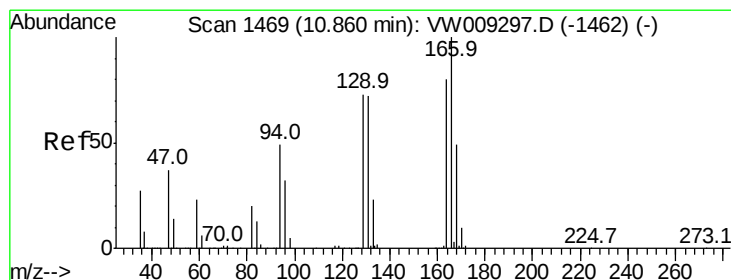
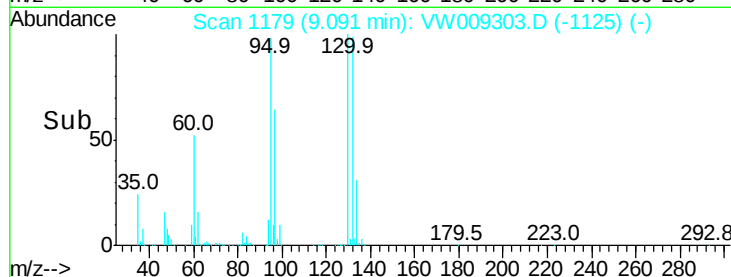
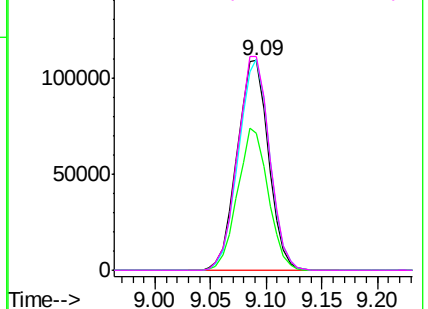


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 0.787 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW009303.D

Acq: 20 Mar 2019 23:36

Tgt Ion: 164 Resp: 3714

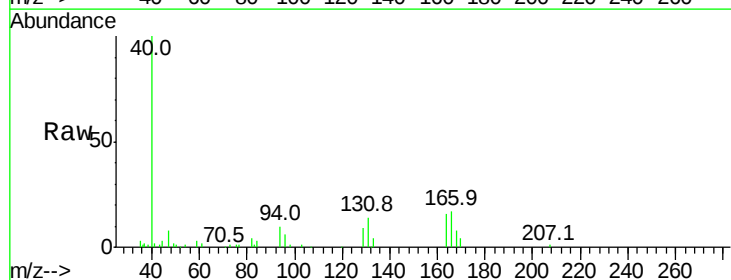
Ion Ratio Lower Upper

164 100

129 60.5 66.5 123.5#

131 92.6 62.6 116.3

166 107.5 91.6 170.0

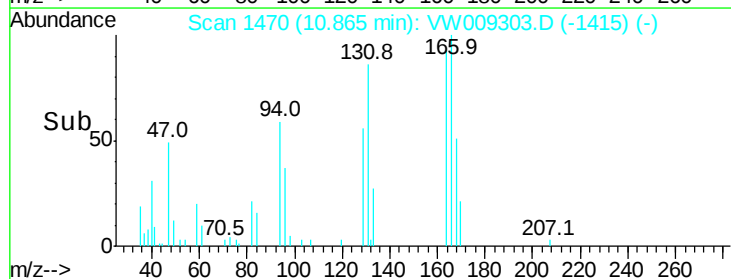
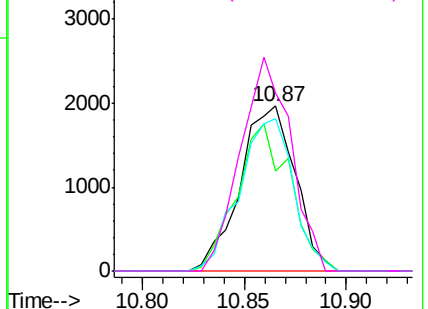


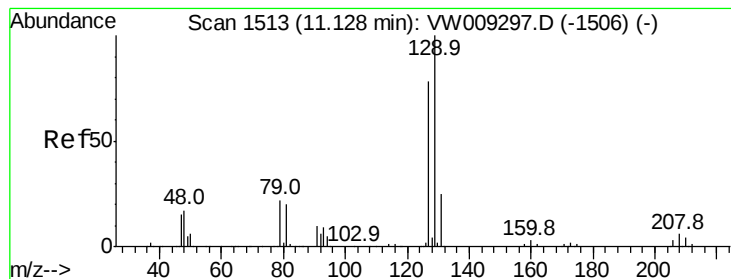
Abundance Ion 164.00 (163.70 to 164.70): V

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





#50

Dibromochloromethane

Concen: 0.601 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

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Acq: 20 Mar 2019 23:36

Instrument :

MSVOA_W

ClientSampleId :

BF0B4

Tgt Ion:129 Resp: 3185

Ion Ratio Lower Upper

129 100

127 0.0 56.8 105.6#

