

Data File : VW009206.D
Acq On : 16 Mar 2019 13:28
Operator : SY/VA
Sample : K1936-09
Misc : 5.54G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0W6

Quant Time: Mar 18 03:57:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 02:40:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	490490	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	456390	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	228076	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	159731	27.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.00%
7) Chloroethane-d5	2.90	69	144375	21.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.20%
10) 1,1-Dichloroethene-d2	4.01	63	241642	19.07	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.28%
20) 2-Butanone-d5	7.07	46	91687	37.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.64%
24) Chloroform-d	7.64	84	308521	23.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	8.10	65	54	0.01	ug/L	-0.20
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	600452	23.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.44%
33) 1,2-Dichloropropane-d6	9.27	67	177488	23.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.92%
37) Toluene-d8	10.32	98	546497	23.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.92%
38) trans-1,3-Dichloropropene-	10.58	79	81778	21.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.16%
39) 2-Hexanone-d5	10.93	63	72157	39.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	151166	20.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	201981	23.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.36%

Target Compounds

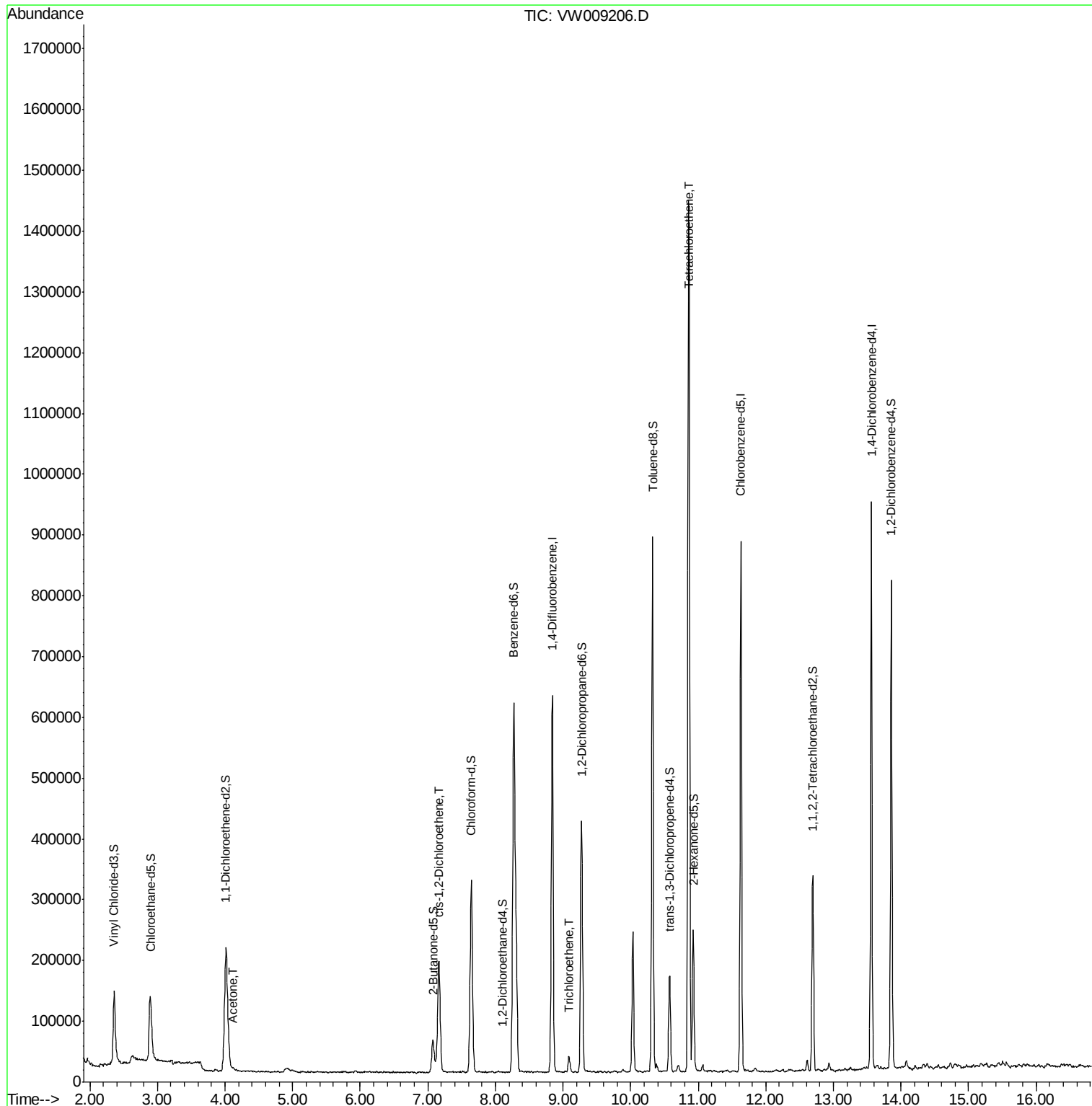
						Qvalue
13) Acetone	4.12	43	3631	1.827	ug/L	86
22) cis-1,2-Dichloroethene	7.17	96	97774	14.213	ug/L	97
35) Trichloroethene	9.09	95	7635	1.147	ug/L	95
47) Tetrachloroethene	10.86	164	310266	55.166	ug/L	96

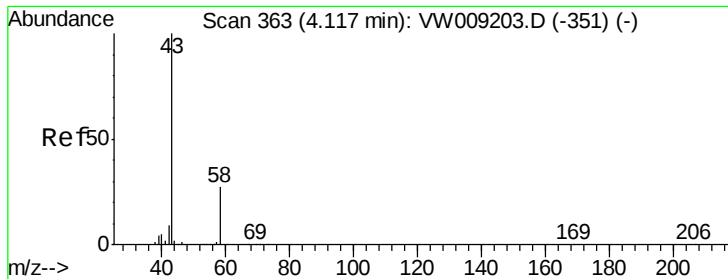
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW009206.D
Acq On : 16 Mar 2019 13:28
Operator : SY/VA
Sample : K1936-09
Misc : 5.54G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0W6

Quant Time: Mar 18 03:57:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 02:40:38 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.827 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009206.D

Acq: 16 Mar 2019 13:28

Instrument :

MSVOA_W

ClientSampled :

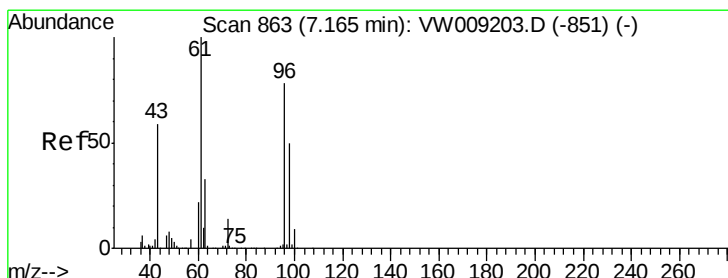
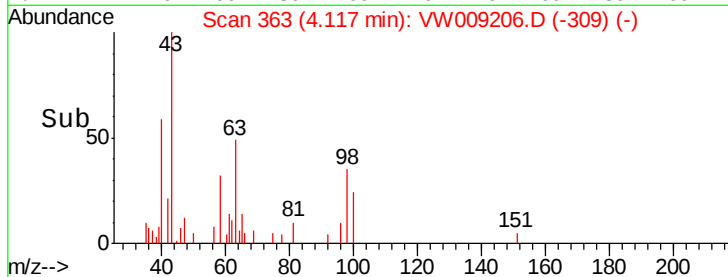
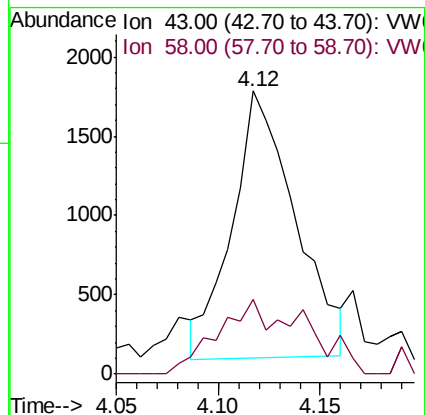
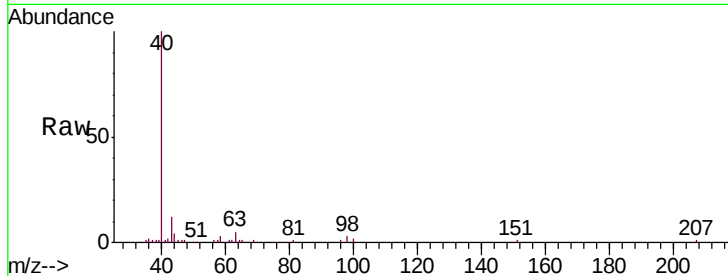
BF0W6

Tgt Ion: 43 Resp: 3631

Ion Ratio Lower Upper

43 100

58 20.7 0.0 56.2



#22

cis-1,2-Dichloroethene

Concen: 14.213 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW009206.D

Acq: 16 Mar 2019 13:28

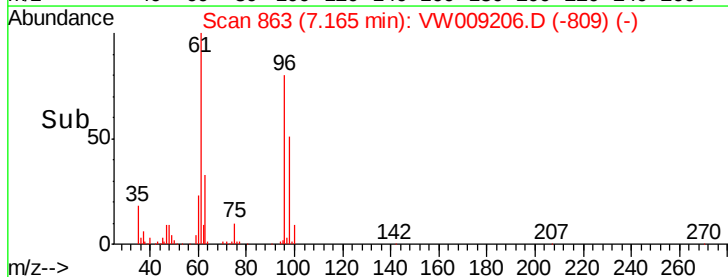
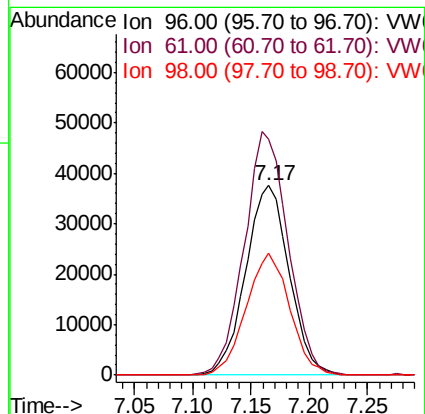
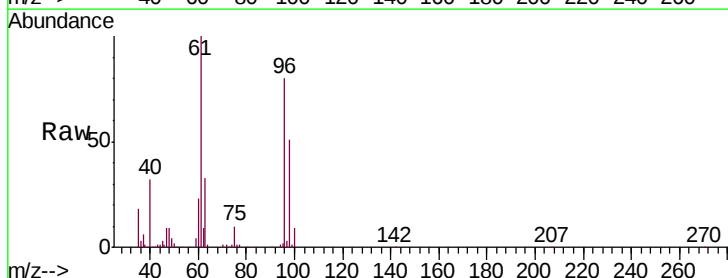
Tgt Ion: 96 Resp: 97774

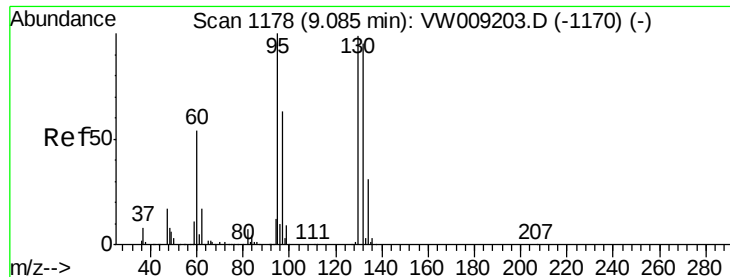
Ion Ratio Lower Upper

96 100

61 124.5 90.6 168.3

98 64.1 44.0 81.8





#35

Trichloroethene

Concen: 1.147 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009206.D

Acq: 16 Mar 2019 13:28

Instrument :

MSVOA_W

ClientSampleId :

BF0W6

Tgt Ion: 95 Resp: 7635

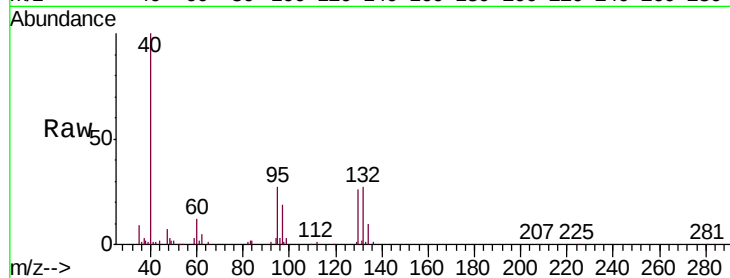
Ion Ratio Lower Upper

95 100

97 69.4 44.7 82.9

132 105.1 69.0 128.2

130 101.4 72.7 134.9

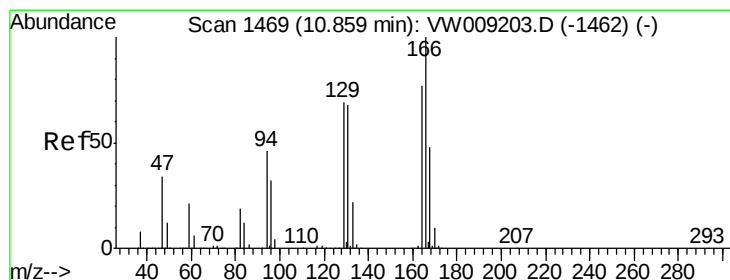
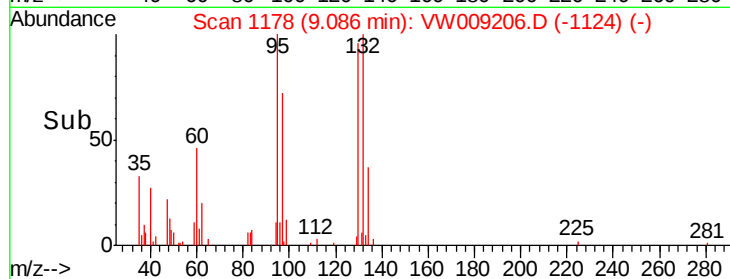
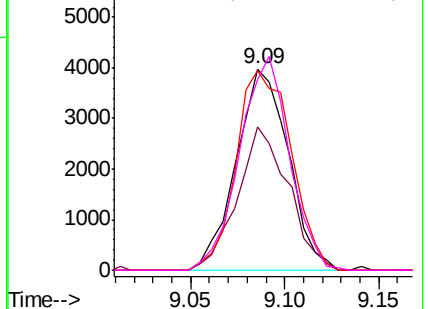


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 55.166 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009206.D

Acq: 16 Mar 2019 13:28

Tgt Ion: 164 Resp: 310266

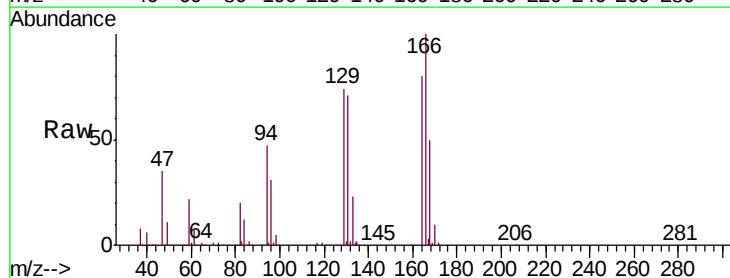
Ion Ratio Lower Upper

164 100

129 91.4 66.5 123.5

131 88.0 62.6 116.3

166 124.3 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

