

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
 Data File : VW009593.D
 Acq On : 30 Mar 2019 16:33
 Operator : SY/VA
 Sample : K2167-08
 Misc : 5.65G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF109

Quant Time: Mar 30 22:00:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 21:16:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	454184	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	428663	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	195178	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	158385	29.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.72%
7) Chloroethane-d5	2.89	69	142118	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.52%
10) 1,1-Dichloroethene-d2	4.01	63	257128	21.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.68%
20) 2-Butanone-d5	7.08	46	90326	40.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.48%
24) Chloroform-d	7.64	84	306168	24.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	8.30	65	188756	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.12%
29) Benzene-d6	8.27	84	580193	24.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.16%
33) 1,2-Dichloropropane-d6	9.27	67	177123	24.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.80%
37) Toluene-d8	10.32	98	524105	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.92%
38) trans-1,3-Dichloropropene-	10.58	79	79202	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.84%
39) 2-Hexanone-d5	10.93	63	66946	38.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	153701	21.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	189802	25.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.44%

Target Compounds

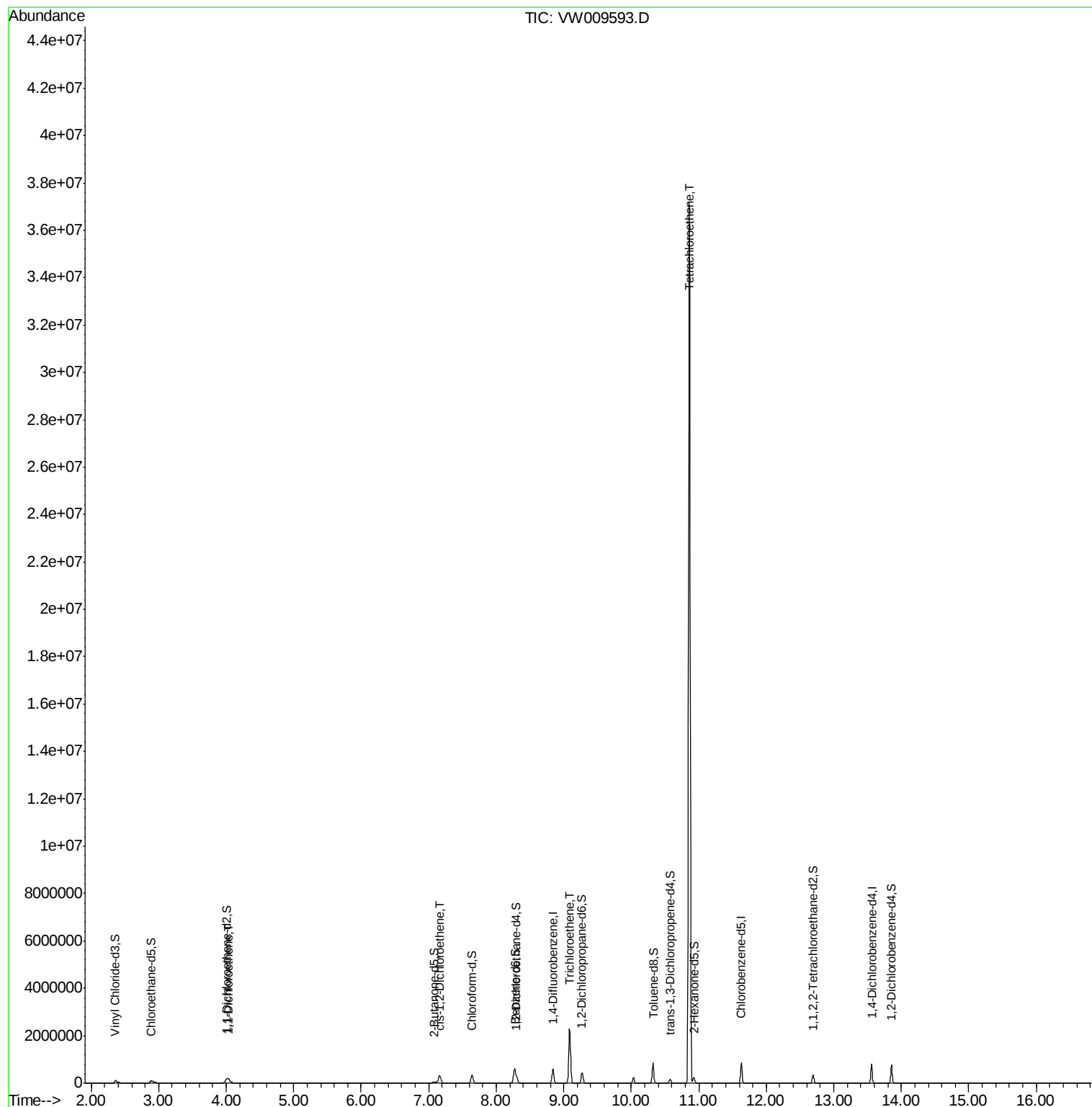
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.04	96	44728	7.997	ug/L #	34
22) cis-1,2-Dichloroethene	7.17	96	170009	26.689	ug/L	98
35) Trichloroethene	9.09	95	712822	114.017	ug/L	97
47) Tetrachloroethene	10.86	164	6857736	1298.193	ug/L	95

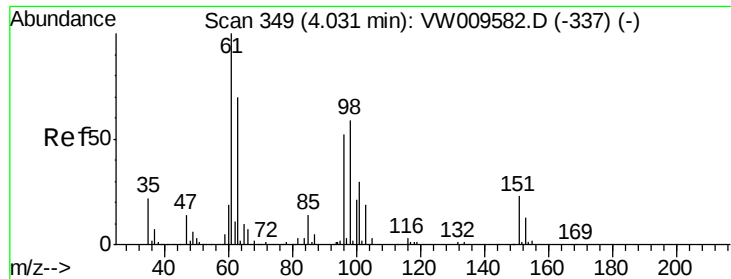
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
Data File : VW009593.D
Acq On : 30 Mar 2019 16:33
Operator : SY/VA
Sample : K2167-08
Misc : 5.65G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF109

Quant Time: Mar 30 22:00:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 21:16:55 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 7.997 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.01 min

Lab File: VW009593.D

Acq: 30 Mar 2019 16:33

Instrument :

MSVOA_W

ClientSampled :

BF109

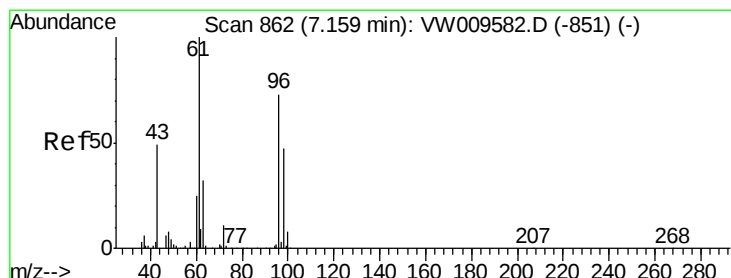
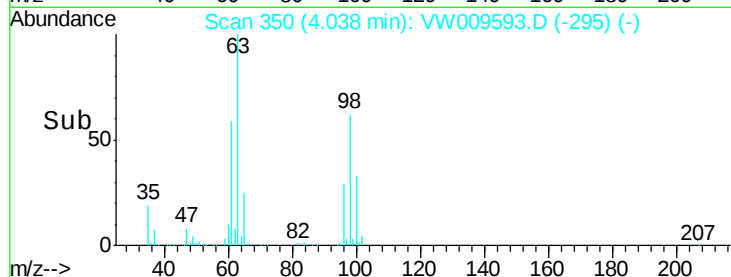
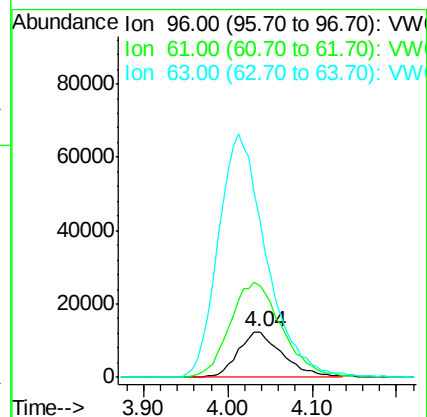
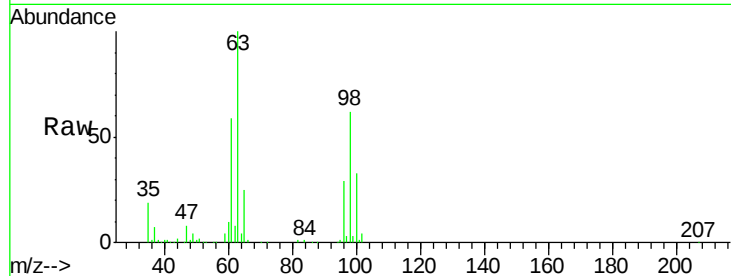
Tgt Ion: 96 Resp: 44728

Ion Ratio Lower Upper

96 100

61 198.8 129.4 240.2

63 339.7 116.8 217.0#



#22

cis-1,2-Dichloroethene

Concen: 26.689 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW009593.D

Acq: 30 Mar 2019 16:33

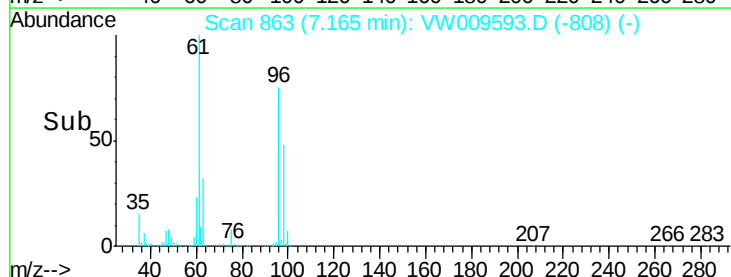
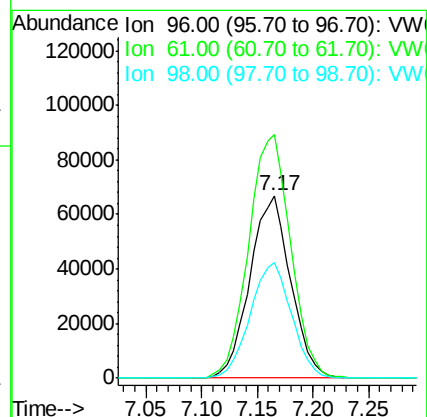
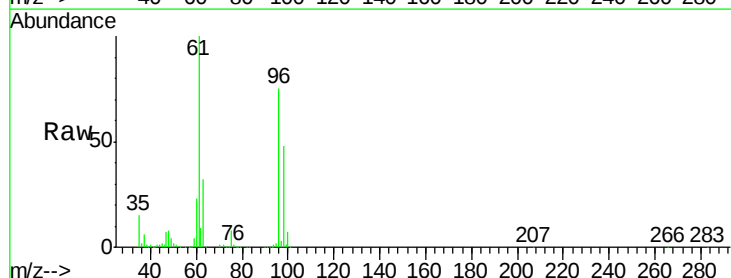
Tgt Ion: 96 Resp: 170009

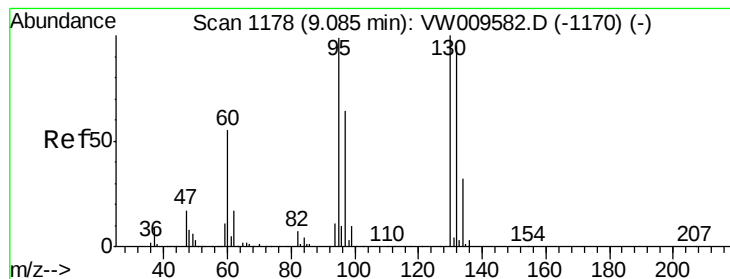
Ion Ratio Lower Upper

96 100

61 133.3 90.6 168.3

98 63.4 44.0 81.8





#35

Trichloroethene

Concen: 114.017 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009593.D

Acq: 30 Mar 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

BF109

Tgt Ion: 95 Resp: 712822

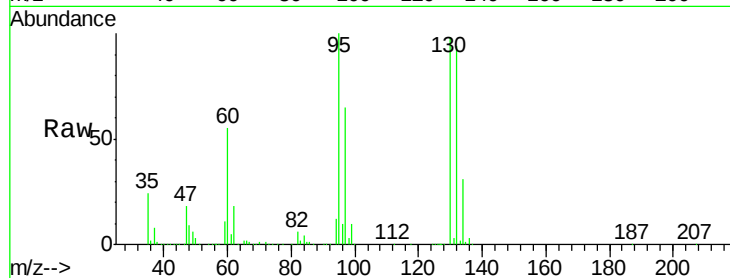
Ion Ratio Lower Upper

95 100

97 64.6 44.7 82.9

132 95.7 69.0 128.2

130 100.4 72.7 134.9

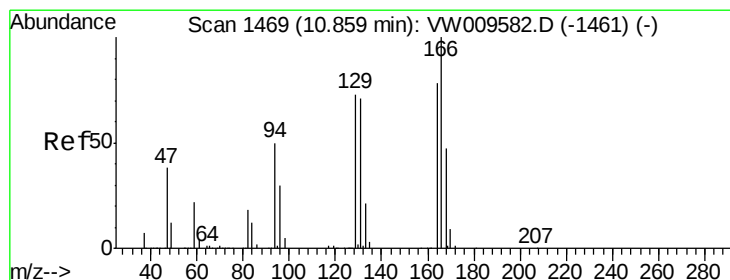
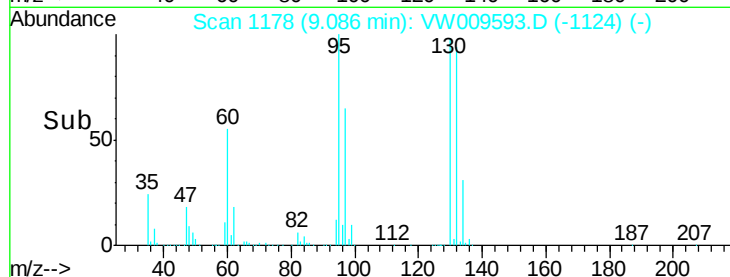
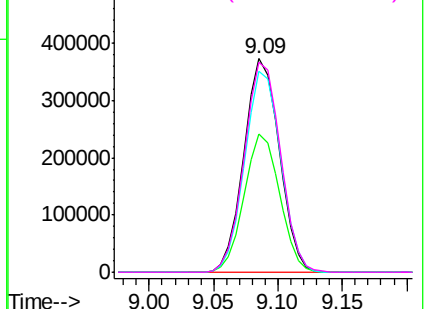


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 1298.193 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009593.D

Acq: 30 Mar 2019 16:33

Tgt Ion: 164 Resp: 6857736

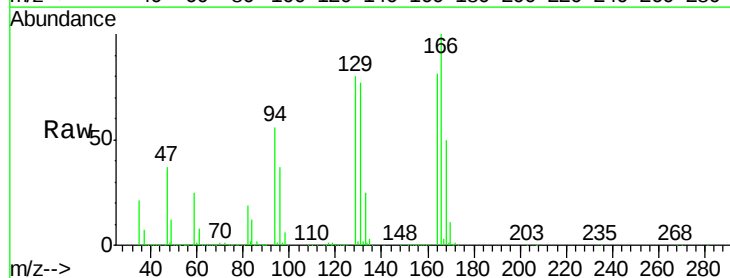
Ion Ratio Lower Upper

164 100

129 98.9 66.5 123.5

131 94.7 62.6 116.3

166 123.8 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

