

Data File : VW009310.D
Acq On : 21 Mar 2019 02:45
Operator : SY/VA
Sample : K1988-11
Misc : 5.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0C2

Quant Time: Mar 21 12:24:49 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	393041	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	376851	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	181144	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	113358	24.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.52%
7) Chloroethane-d5	2.90	69	108056	19.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.64%
10) 1,1-Dichloroethene-d2	4.16	63	381	0.04	ug/L	0.15
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.16%#
20) 2-Butanone-d5	7.08	46	71221	36.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.34%
24) Chloroform-d	7.64	84	244879	22.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.32%
26) 1,2-Dichloroethane-d4	8.30	65	140844	21.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.20%
29) Benzene-d6	8.27	84	459538	22.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.44%
33) 1,2-Dichloropropane-d6	9.27	67	139024	22.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.08%
37) Toluene-d8	10.32	98	397942	20.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.84%
38) trans-1,3-Dichloropropene-	10.58	79	58661	18.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.84%
39) 2-Hexanone-d5	10.93	63	53554	35.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124196	20.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	154852	22.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.16%

Target Compounds

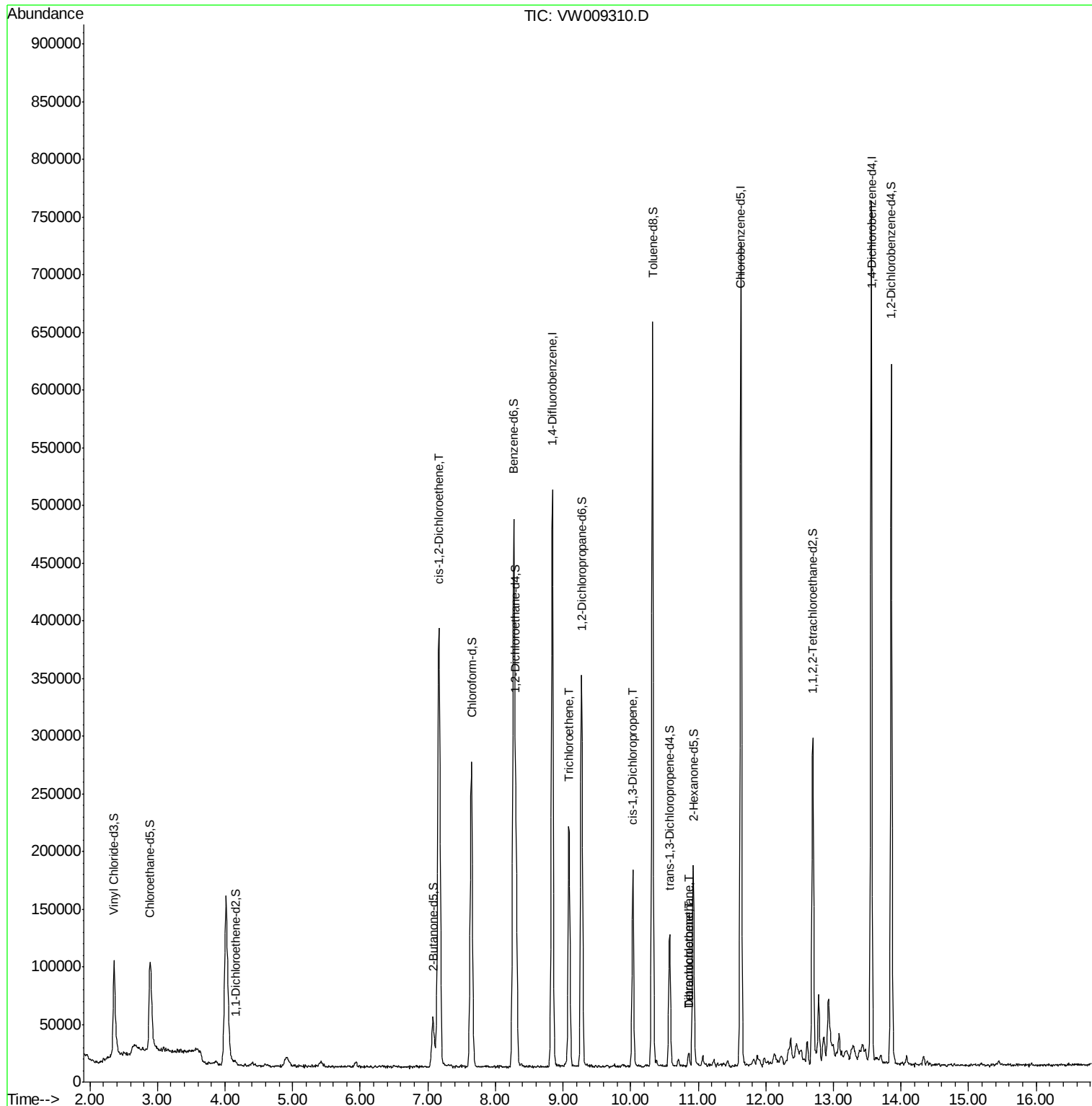
					Qvalue
22) cis-1,2-Dichloroethene	7.17	96	208512	37.826 ug/L	99
35) Trichloroethene	9.09	95	67068	12.203 ug/L	98
42) cis-1,3-Dichloropropene	10.03	75	4709	0.546 ug/L #	82
47) Tetrachloroethene	10.87	164	2423	0.522 ug/L	93
50) Dibromochloromethane	10.85	129	2296	0.440 ug/L #	9

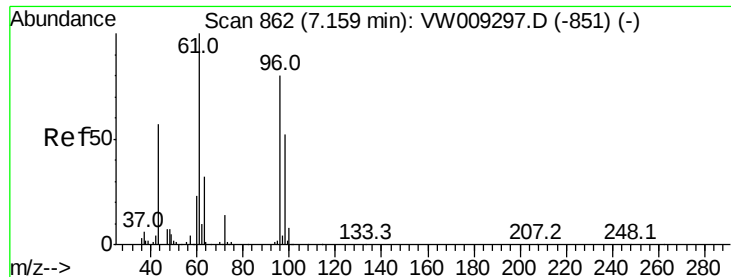
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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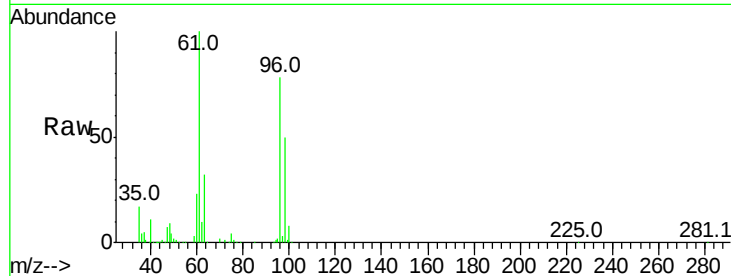


#22

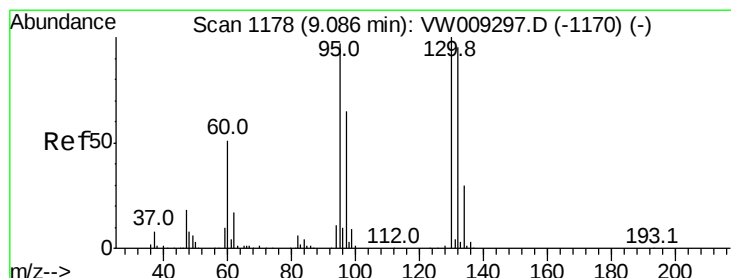
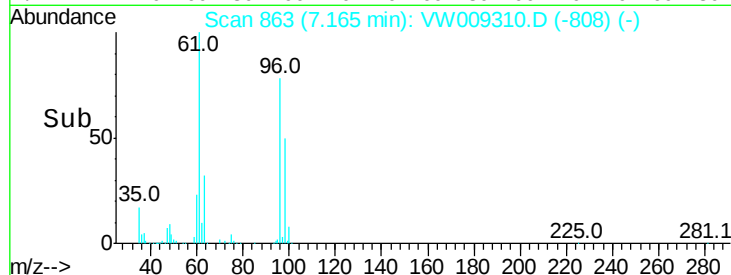
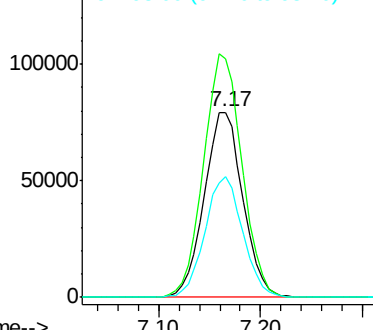
cis-1,2-Dichloroethene
Concen: 37.826 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.01 min
Lab File: VW009310.D
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Instrument :
MSVOA_W
ClientSampleId :
BF0C2

Tgt Ion: 96 Resp: 208512
Ion Ratio Lower Upper
96 100
61 128.9 90.6 168.3
98 64.9 44.0 81.8



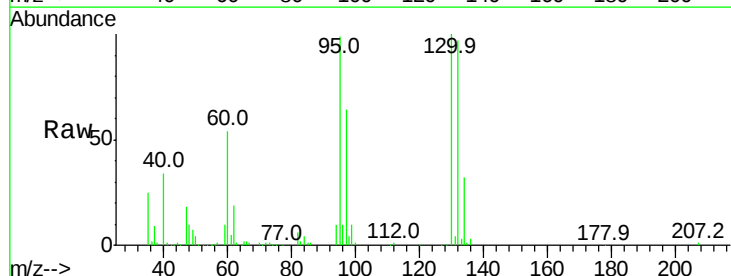
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



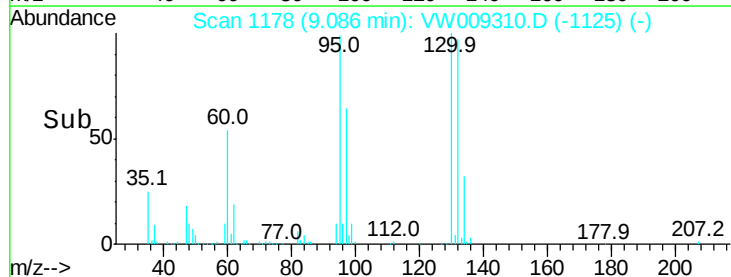
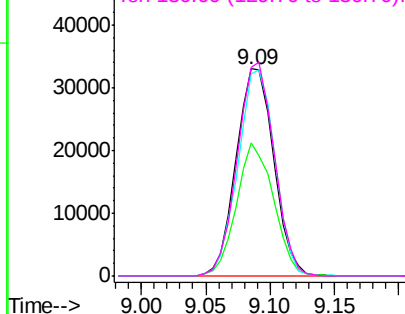
#35

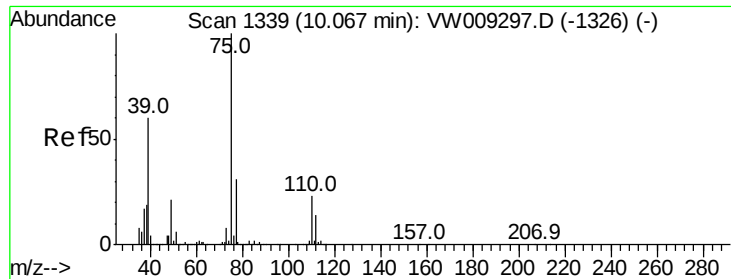
Trichloroethene
Concen: 12.203 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VW009310.D
Acq: 21 Mar 2019 02:45

Tgt Ion: 95 Resp: 67068
Ion Ratio Lower Upper
95 100
97 63.2 44.7 82.9
132 97.2 69.0 128.2
130 100.9 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





#42

cis-1,3-Dichloropropene

Concen: 0.546 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009310.D

Acq: 21 Mar 2019 02:45

Instrument :

MSVOA_W

ClientSampleId :

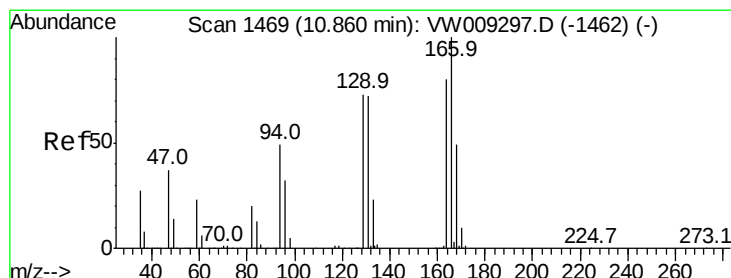
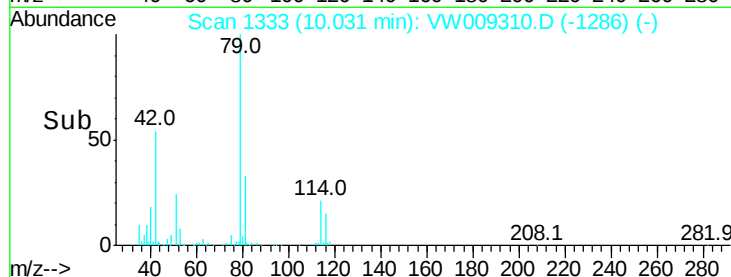
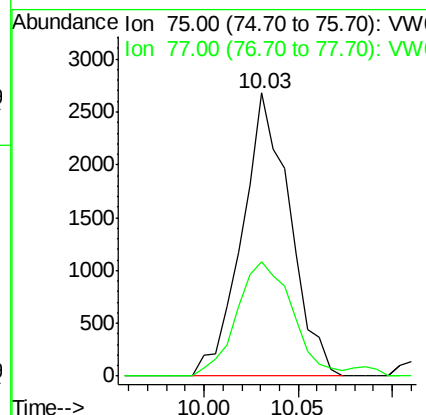
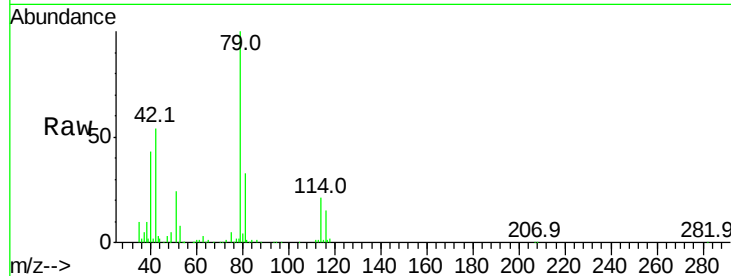
BF0C2

Tgt Ion: 75 Resp: 4709

Ion Ratio Lower Upper

75 100

77 40.5 21.6 40.2#



#47

Tetrachloroethene

Concen: 0.522 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW009310.D

Acq: 21 Mar 2019 02:45

Tgt Ion: 164 Resp: 2423

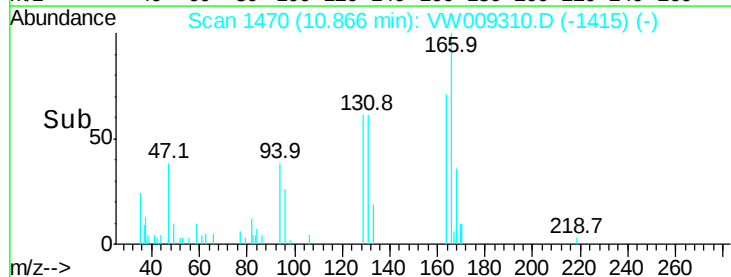
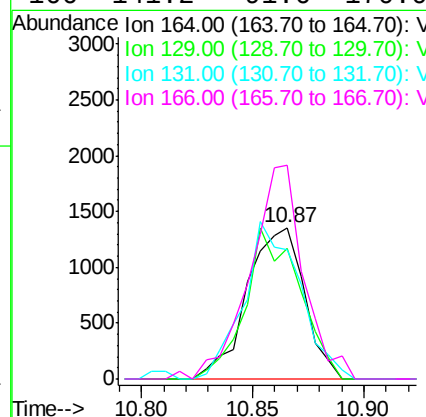
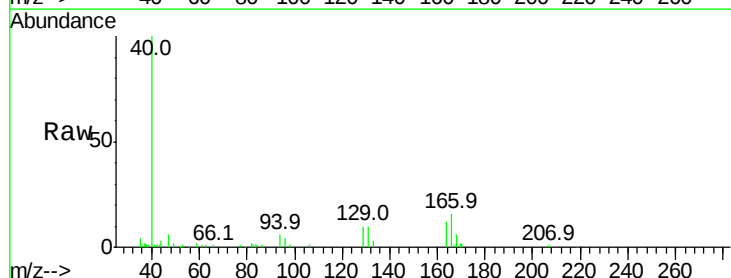
Ion Ratio Lower Upper

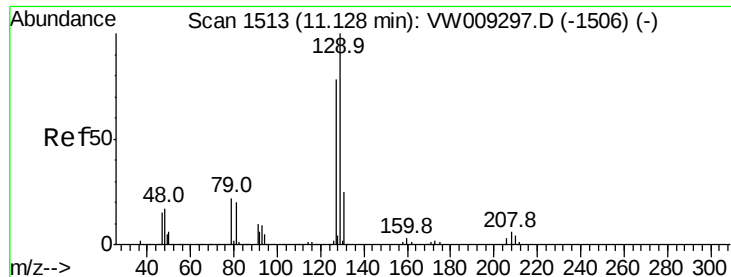
164 100

129 86.4 66.5 123.5

131 85.9 62.6 116.3

166 141.2 91.6 170.0





#50

Dibromochloromethane

Concen: 0.440 ug/L

RT: 10.85 min Scan# 1468

Delta R.T. -0.27 min

Lab File: VW009310.D

Acq: 21 Mar 2019 02:45

Instrument :

MSVOA_W

ClientSampleId :

BF0C2

Tgt Ion:129 Resp: 2296

Ion Ratio Lower Upper

129 100

127 0.0 56.8 105.6#

