

Data File : VW009305.D
Acq On : 21 Mar 2019 00:30
Operator : SY/VA
Sample : K1988-06
Misc : 6.41G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0B6

Quant Time: Mar 21 12:23:58 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	361221	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	342963	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	160971	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	120275	27.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.44%
7) Chloroethane-d5	2.89	69	112639	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.20%
10) 1,1-Dichloroethene-d2	4.01	63	182634	19.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.32%
20) 2-Butanone-d5	7.08	46	85359	47.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.64%
24) Chloroform-d	7.65	84	263842	26.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.08%
26) 1,2-Dichloroethane-d4	8.30	65	158414	26.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.72%
29) Benzene-d6	8.27	84	492436	26.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.16%
33) 1,2-Dichloropropane-d6	9.27	67	154608	27.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.88%
37) Toluene-d8	10.32	98	438402	25.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.28%
38) trans-1,3-Dichloropropene-	10.58	79	65035	22.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.16%
39) 2-Hexanone-d5	10.92	63	63825	46.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138713	24.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	170285	27.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.36%

Target Compounds

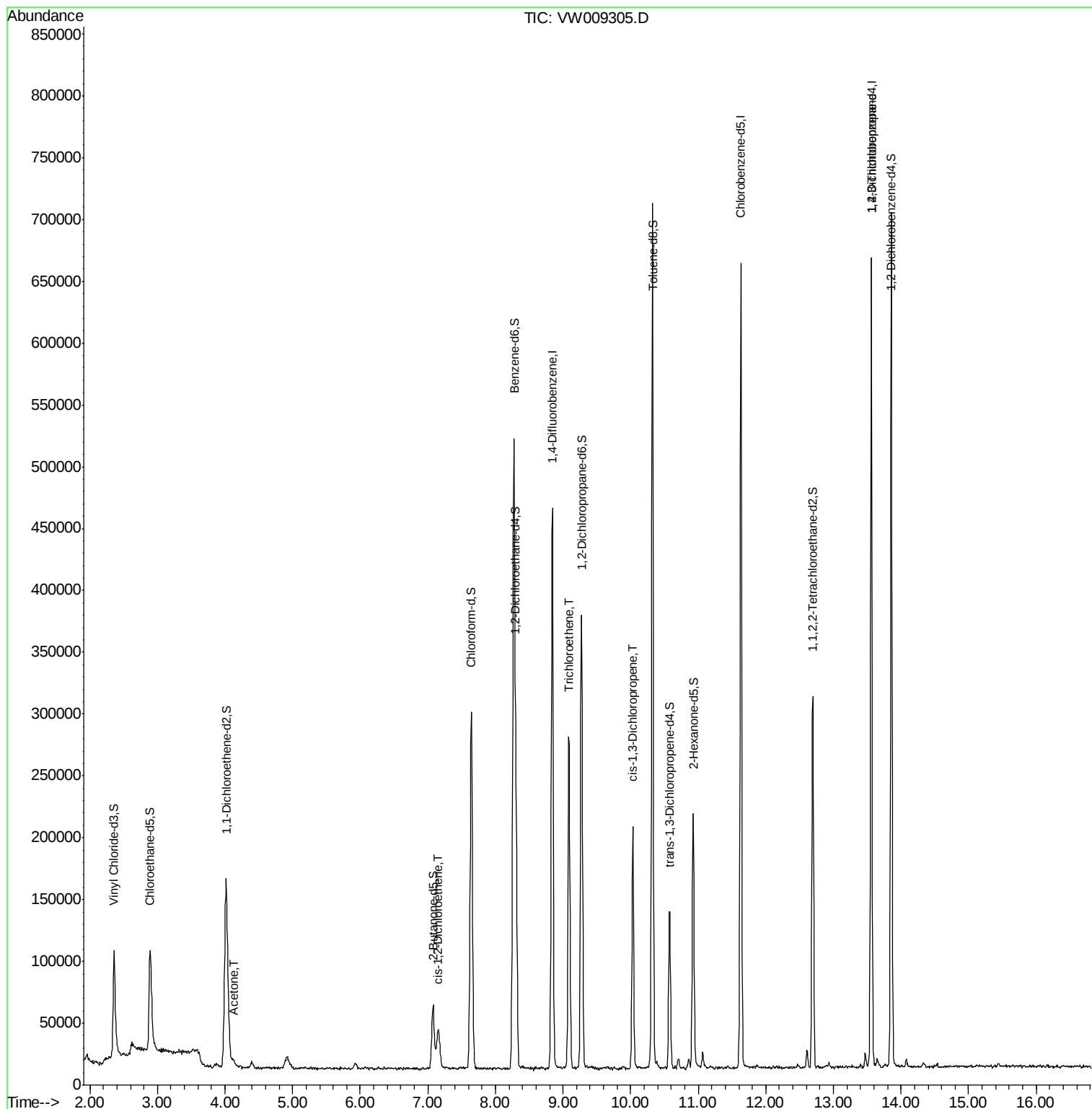
					Qvalue
13) Acetone	4.12	43	7239	4.945 ug/L	94
22) cis-1,2-Dichloroethene	7.16	96	10805	2.133 ug/L	94
35) Trichloroethene	9.09	95	84017	16.797 ug/L	99
42) cis-1,3-Dichloropropene	10.04	75	5773	0.736 ug/L	89
59) 1,2,3-Trichloropropane	13.56	75	20939	5.442 ug/L	90

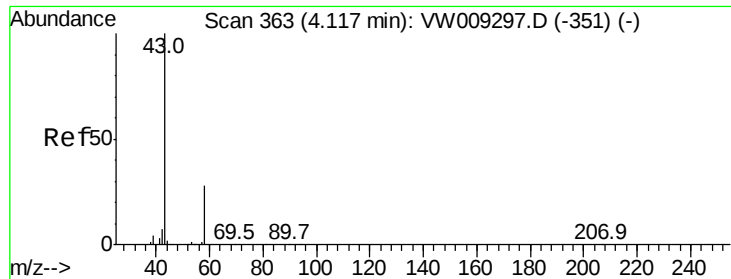
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.945 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

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Acq: 21 Mar 2019 00:30

Instrument :

MSVOA_W

ClientSampled :

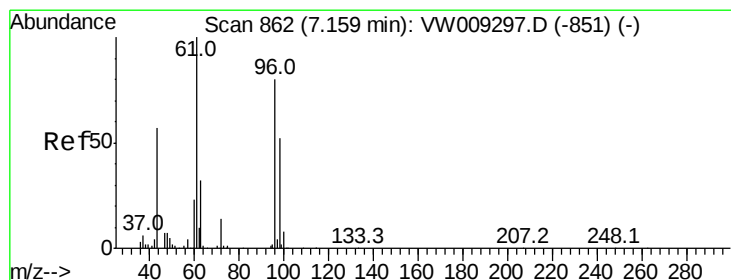
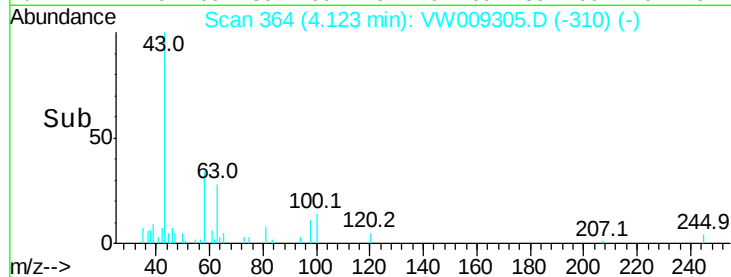
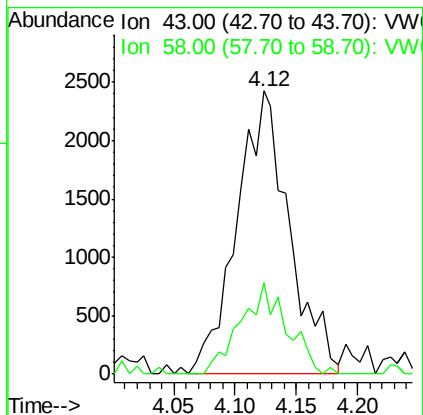
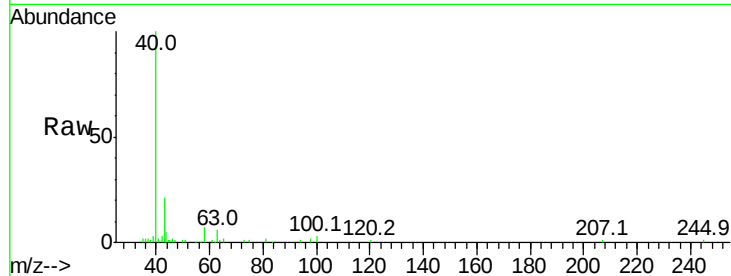
BF0B6

Tgt Ion: 43 Resp: 7239

Ion Ratio Lower Upper

43 100

58 24.9 0.0 56.2



#22

cis-1,2-Dichloroethene

Concen: 2.133 ug/L

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

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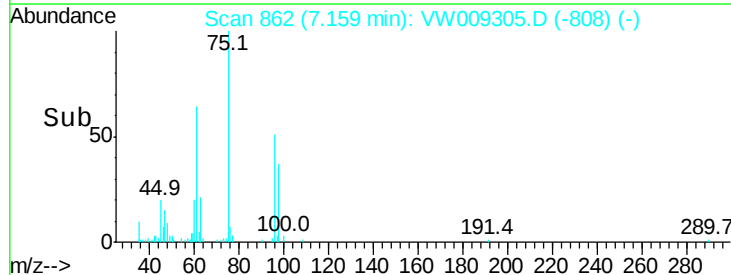
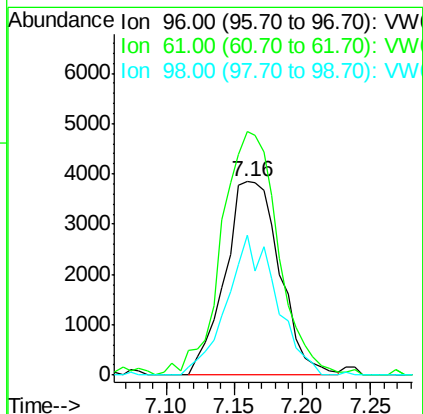
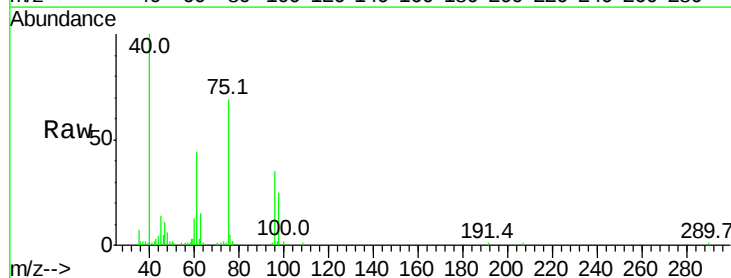
Tgt Ion: 96 Resp: 10805

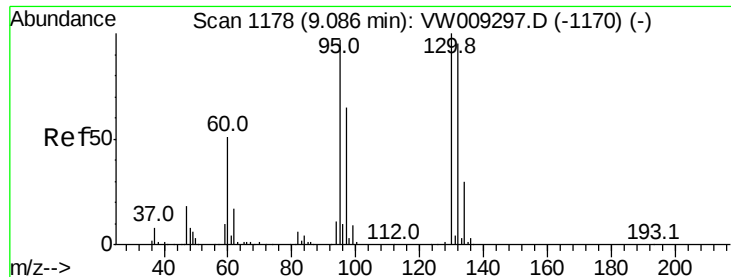
Ion Ratio Lower Upper

96 100

61 125.9 90.6 168.3

98 72.4 44.0 81.8





#35

Trichloroethene

Concen: 16.797 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

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Acq: 21 Mar 2019 00:30

Instrument :

MSVOA_W

ClientSampleId :

BFOB6

Tgt Ion: 95 Resp: 84017

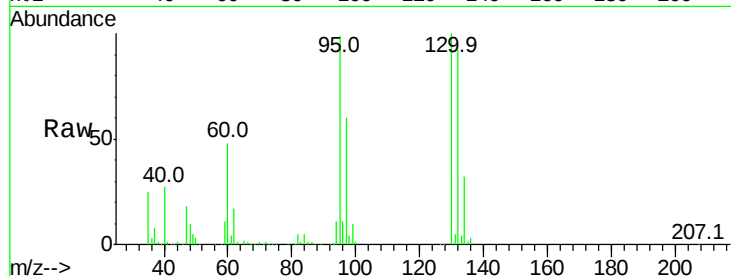
Ion Ratio Lower Upper

95 100

97 64.3 44.7 82.9

132 98.8 69.0 128.2

130 102.2 72.7 134.9

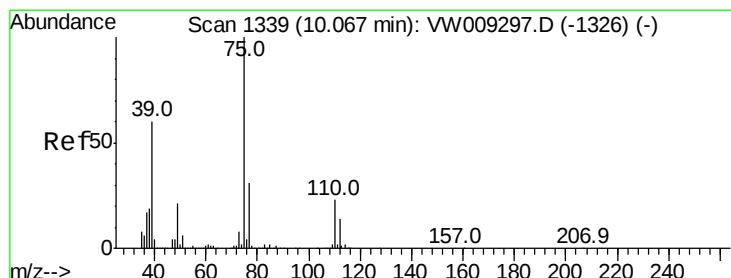
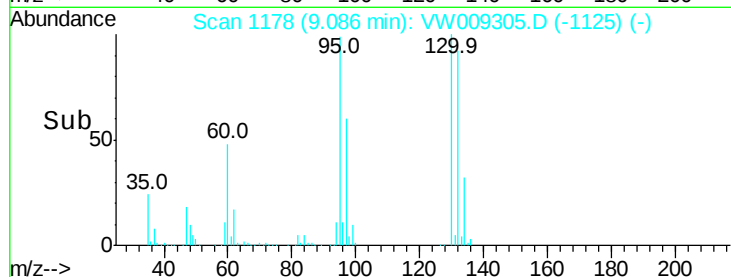
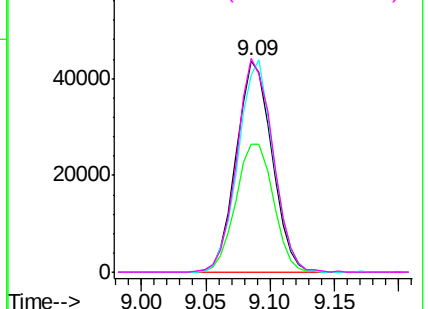


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 0.736 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009305.D

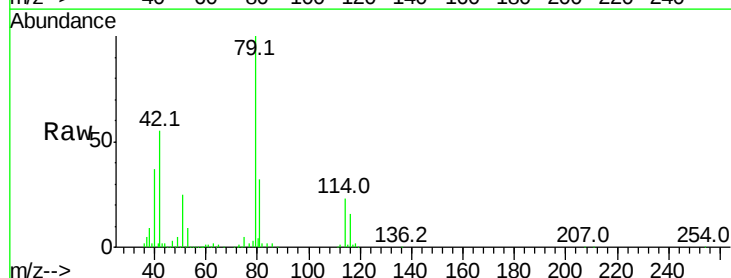
Acq: 21 Mar 2019 00:30

Tgt Ion: 75 Resp: 5773

Ion Ratio Lower Upper

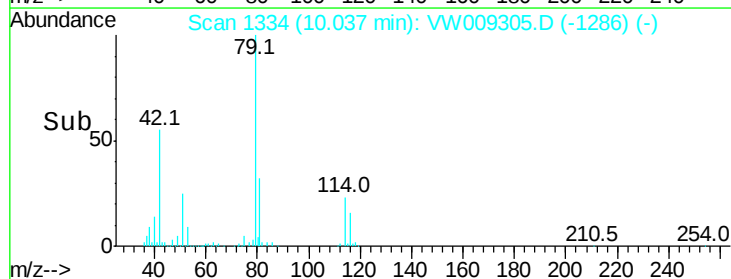
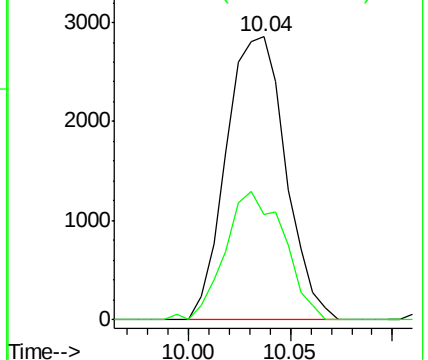
75 100

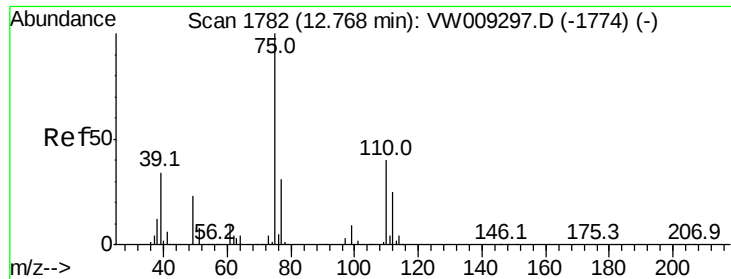
77 37.1 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 5.442 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009305.D

Acq: 21 Mar 2019 00:30

Instrument :

MSVOA_W

ClientSampleId :

BF0B6

Tgt Ion: 75 Resp: 20939

Ion Ratio Lower Upper

75 100

77 38.4 26.2 39.2

