

Data File : VW009945.D
Acq On : 12 Apr 2019 06:38
Operator : SY/VA
Sample : K2328-17
Misc : 4.56G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB740

Quant Time: Apr 12 08:41:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 05:38:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	530681	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	525827	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	216598	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	101177	14.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.28%
7) Chloroethane-d5	2.89	69	100526	15.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.20%
10) 1,1-Dichloroethene-d2	4.01	63	201514	13.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.96%
20) 2-Butanone-d5	7.08	46	117537	52.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.26%
24) Chloroform-d	7.64	84	331214	22.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.48%
26) 1,2-Dichloroethane-d4	8.30	65	214551	24.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.52%
29) Benzene-d6	8.27	84	580235	21.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.08%
33) 1,2-Dichloropropane-d6	9.27	67	194912	22.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.44%
37) Toluene-d8	10.32	98	489230	19.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.68%
38) trans-1,3-Dichloropropene-	10.58	79	76952	18.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.68%
39) 2-Hexanone-d5	10.93	63	85936	53.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	183150	23.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	187085	24.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.44%

Target Compounds

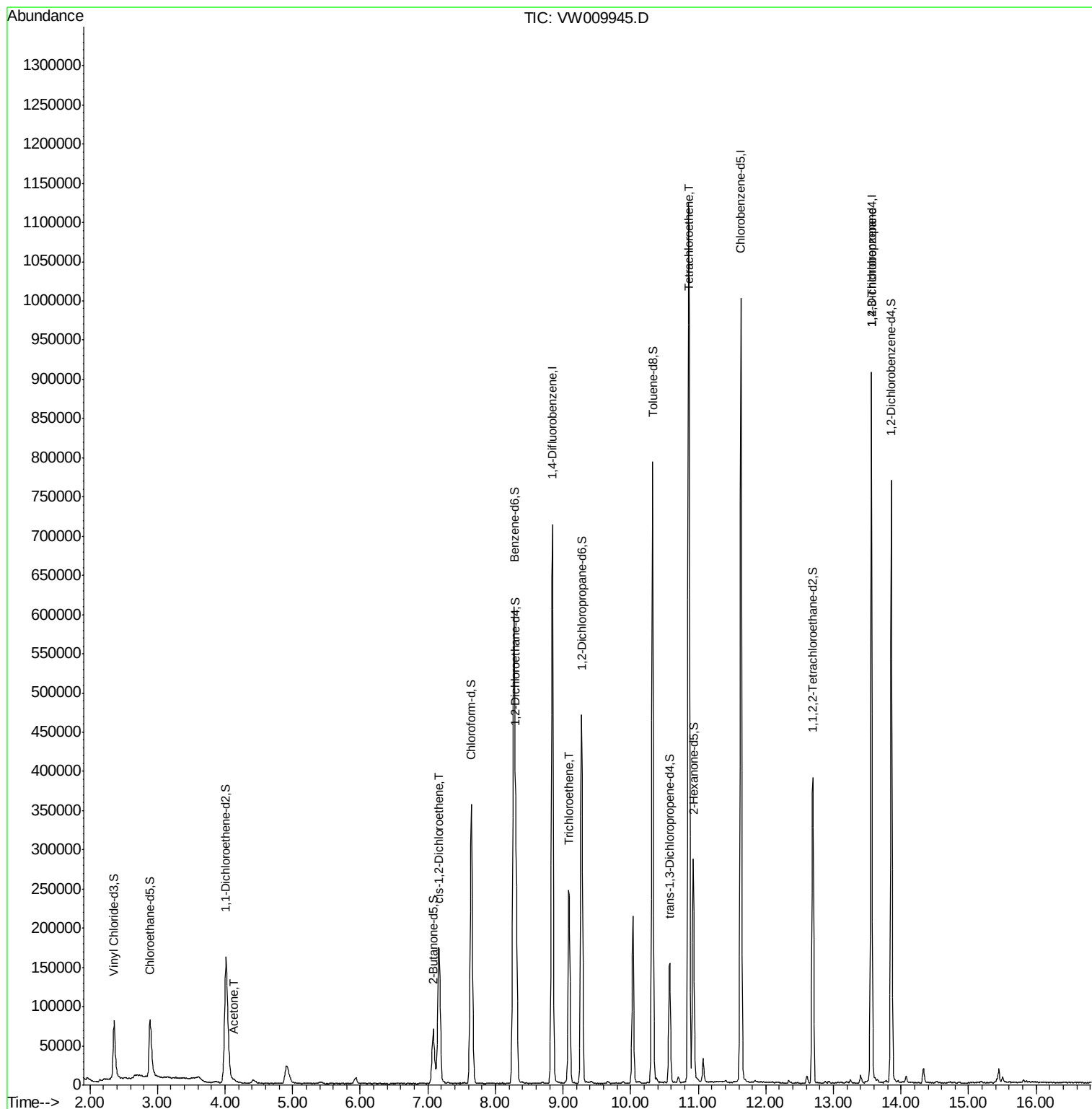
						Qvalue
13) Acetone	4.13	43	4068	1.684	ug/L	52
22) cis-1,2-Dichloroethene	7.17	96	97827	12.478	ug/L	97
35) Trichloroethene	9.09	95	80055	9.669	ug/L	99
47) Tetrachloroethene	10.86	164	226339	34.710	ug/L	99
59) 1,2,3-Trichloropropane	13.56	75	28811	4.735	ug/L	89

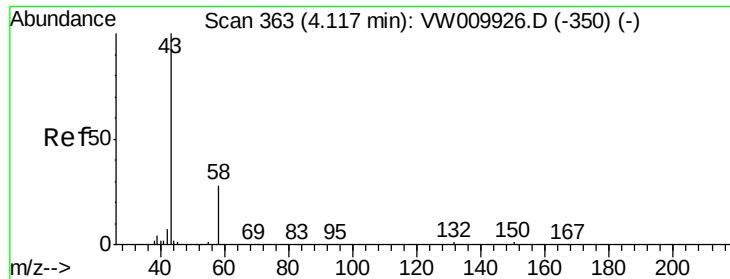
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.684 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Acq: 12 Apr 2019 06:38

Instrument :

MSVOA_W

ClientSampleId :

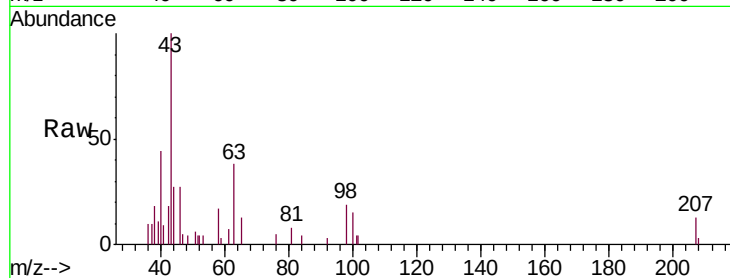
DB740

Tgt Ion: 43 Resp: 4068

Ion Ratio Lower Upper

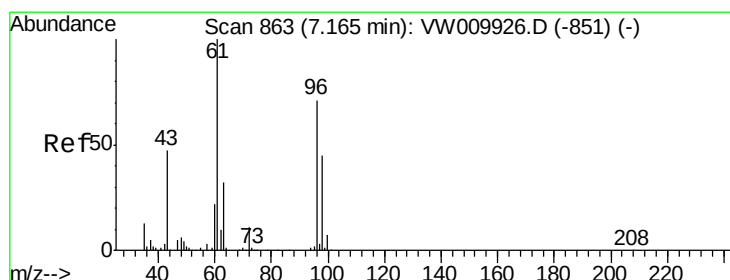
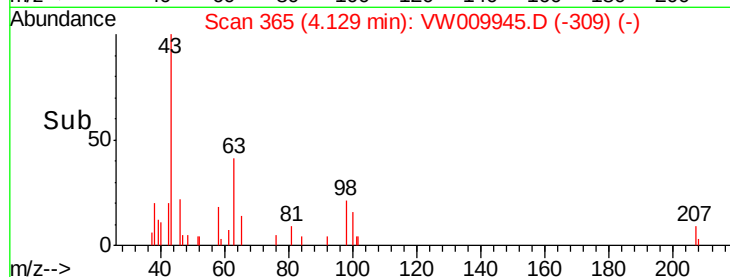
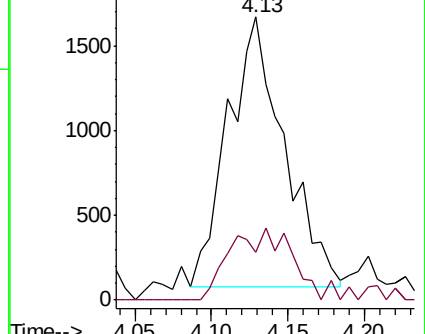
43 100

58 2.0 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#22

cis-1,2-Dichloroethene

Concen: 12.478 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

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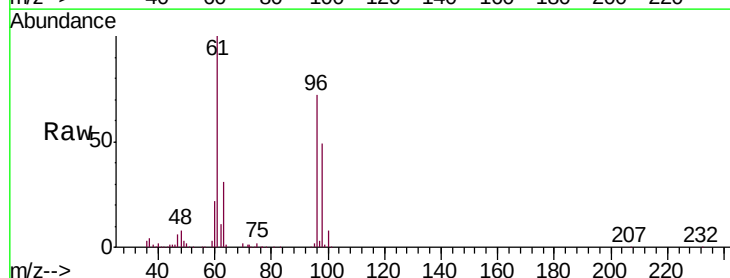
Tgt Ion: 96 Resp: 97827

Ion Ratio Lower Upper

96 100

61 139.1 96.8 179.8

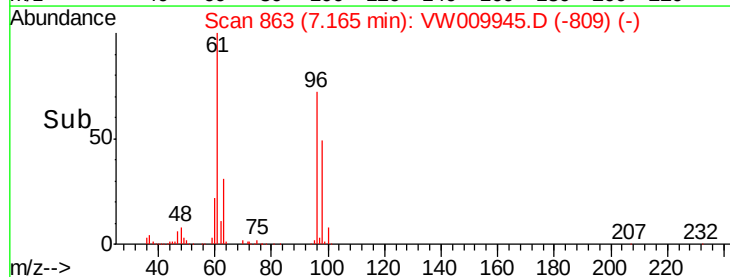
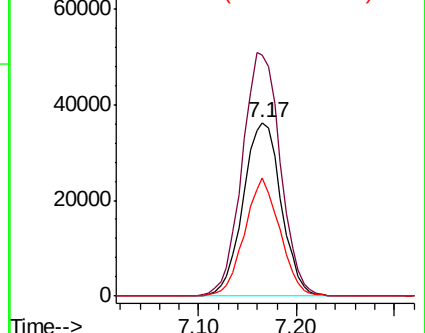
98 68.0 43.5 80.9

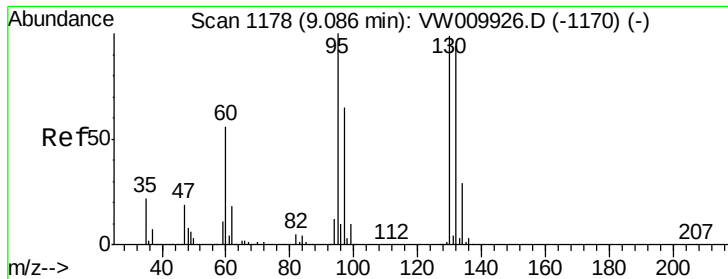


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW





#35

Trichloroethene

Concen: 9.669 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

DB740

Tgt Ion: 95 Resp: 80055

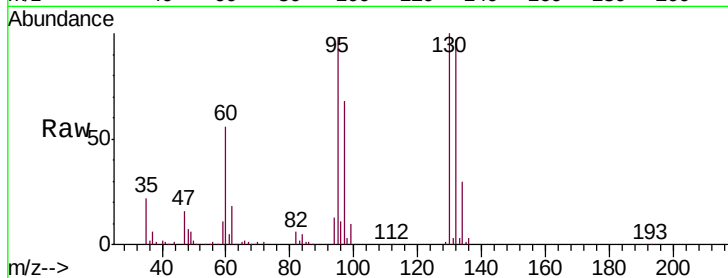
Ion Ratio Lower Upper

95 100

97 65.0 44.9 83.5

132 97.5 67.1 124.7

130 99.5 69.2 128.6



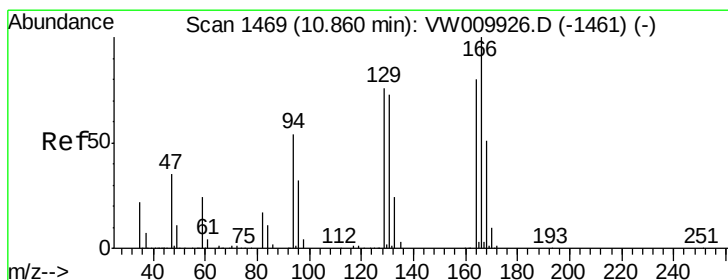
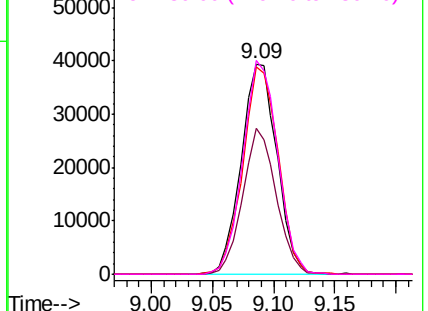
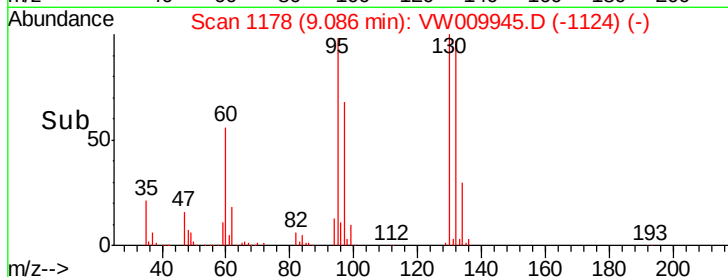
Abundance

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: 34.710 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

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Acq: 12 Apr 2019 06:38

Tgt Ion: 164 Resp: 226339

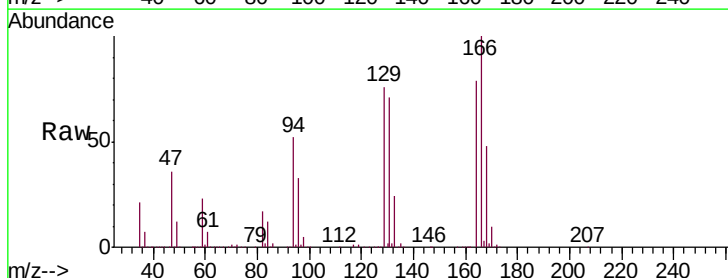
Ion Ratio Lower Upper

164 100

129 96.8 68.9 127.9

131 90.4 63.1 117.1

166 127.3 88.5 164.4



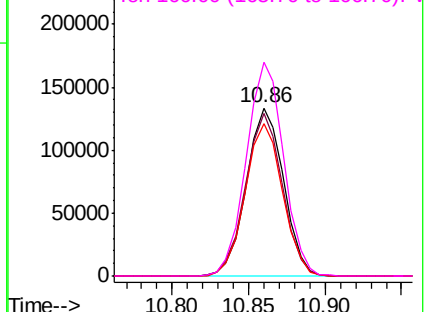
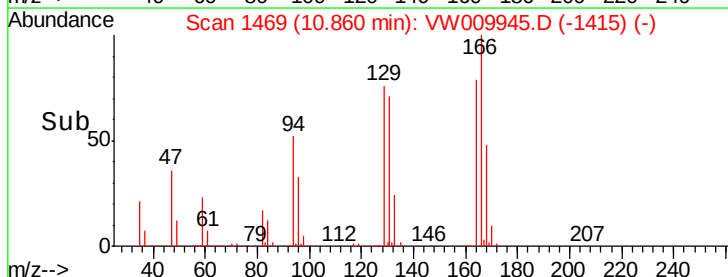
Abundance

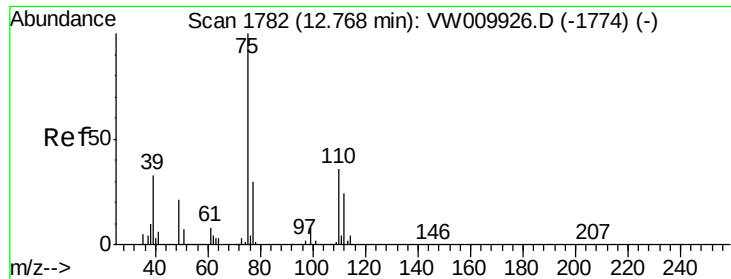
Ion 164.00 (163.70 to 164.70): V

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





#59

1,2,3-Trichloropropane

Concen: 4.735 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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Tgt Ion: 75 Resp: 28811

Ion Ratio Lower Upper

75 100

77 38.6 26.2 39.2

