

Data File : VW009283.D
Acq On : 20 Mar 2019 13:21
Operator : SY/VA
Sample : K1986-05
Misc : 6.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0B2

Quant Time: Mar 21 10:33:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 21 10:17:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	384819	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	358865	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	173084	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	107465	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.48%
7) Chloroethane-d5	2.89	69	101960	18.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.80%
10) 1,1-Dichloroethene-d2	4.01	63	170239	17.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.52%
20) 2-Butanone-d5	7.08	46	75069	39.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.94%
24) Chloroform-d	7.64	84	227048	21.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.48%
26) 1,2-Dichloroethane-d4	8.30	65	137034	21.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.64%
29) Benzene-d6	8.27	84	436155	22.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.16%
33) 1,2-Dichloropropane-d6	9.27	67	130273	21.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.68%
37) Toluene-d8	10.32	98	389843	21.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.20%
38) trans-1,3-Dichloropropene-	10.58	79	59587	19.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.84%
39) 2-Hexanone-d5	10.93	63	56740	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	123519	21.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	147000	22.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.60%

Target Compounds

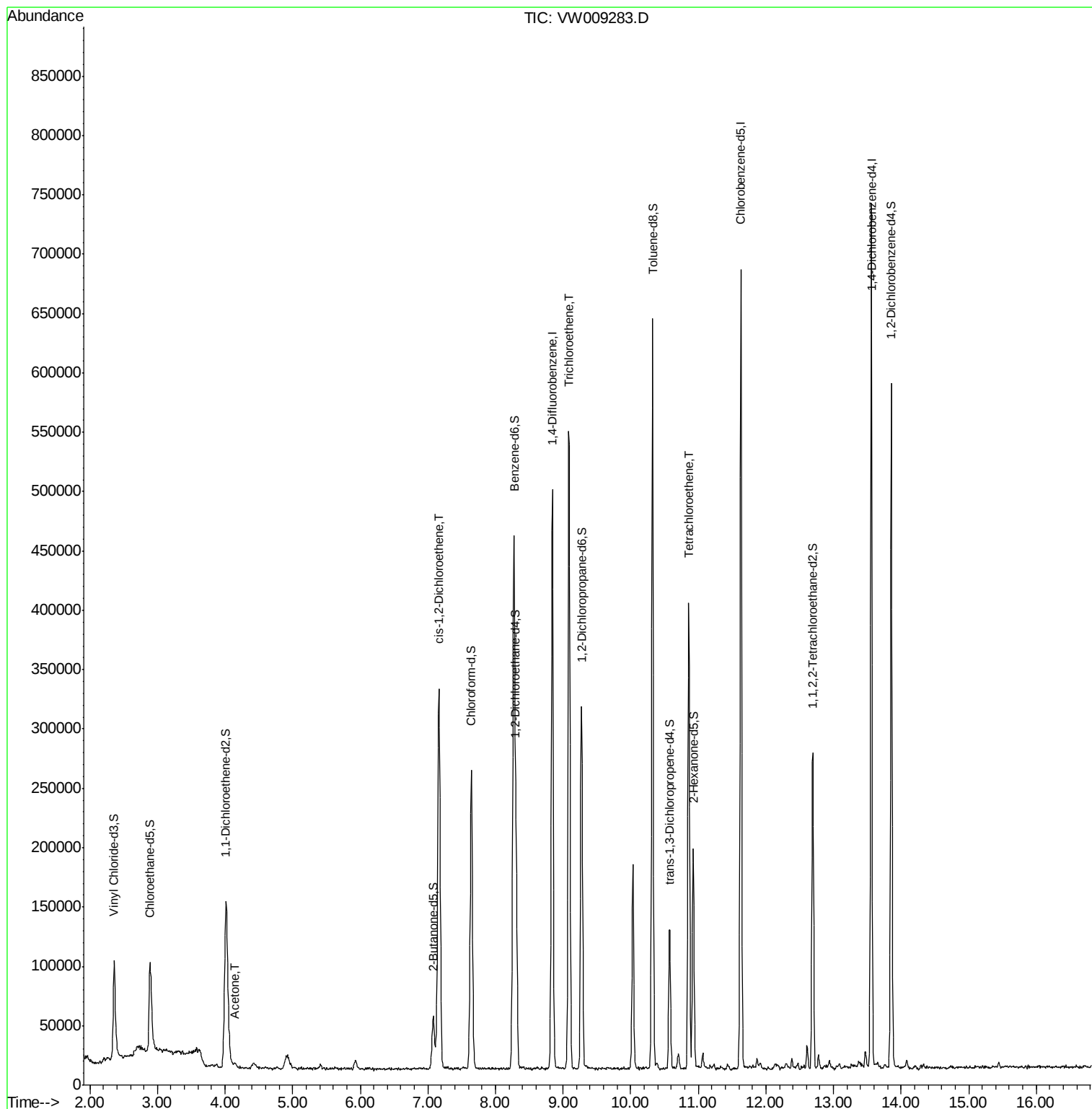
					Qvalue
13) Acetone	4.13	43	3690	2.366 ug/L	77
22) cis-1,2-Dichloroethene	7.16	96	167959	31.120 ug/L	96
35) Trichloroethene	9.09	95	169113	32.311 ug/L	98
47) Tetrachloroethene	10.86	164	81086	18.335 ug/L	98

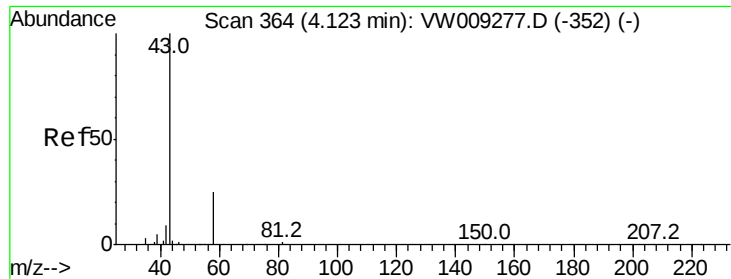
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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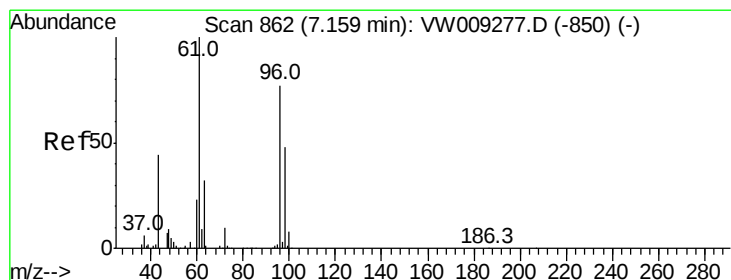
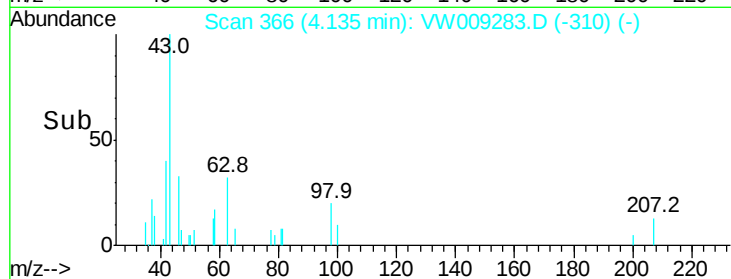
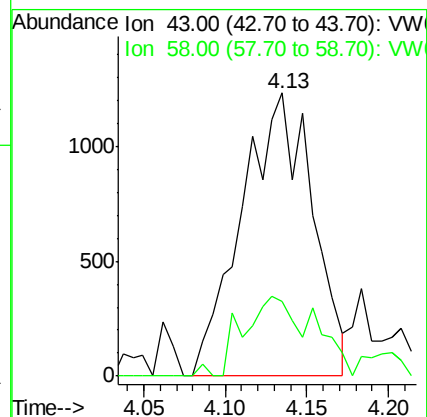
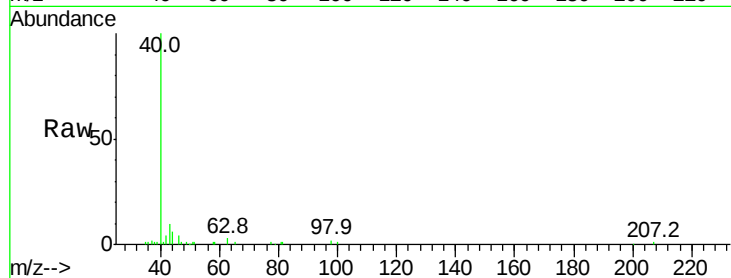




#13
Acetone
Concen: 2.366 ug/L
RT: 4.13 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW009283.D
Acq: 20 Mar 2019 13:21

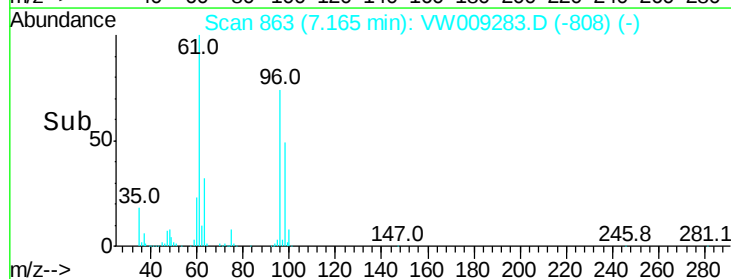
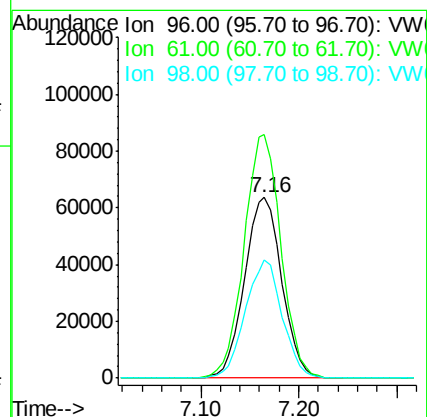
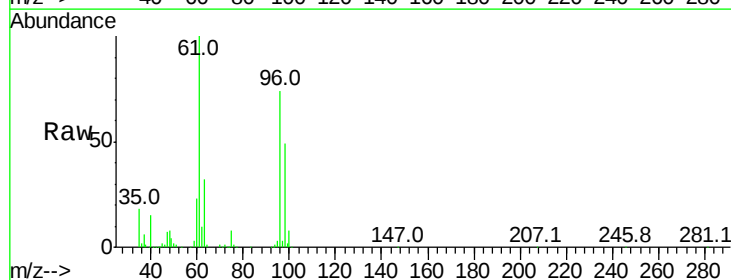
Instrument :
MSVOA_W
ClientSampled :
BF0B2

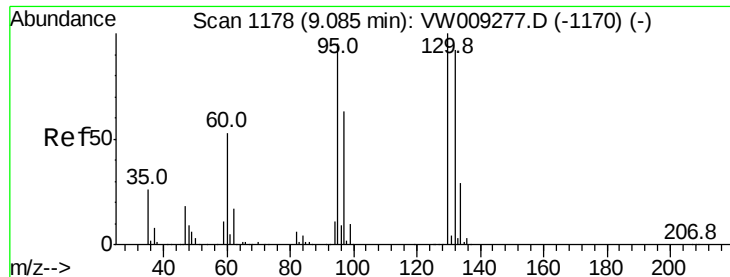
Tgt Ion: 43 Resp: 3690
Ion Ratio Lower Upper
43 100
58 15.9 0.0 56.2



#22
cis-1,2-Dichloroethene
Concen: 31.120 ug/L
RT: 7.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: VW009283.D
Acq: 20 Mar 2019 13:21

Tgt Ion: 96 Resp: 167959
Ion Ratio Lower Upper
96 100
61 135.0 90.6 168.3
98 65.6 44.0 81.8





#35

Trichloroethene

Concen: 32.311 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW009283.D

Acq: 20 Mar 2019 13:21

Instrument :

MSVOA_W

ClientSampleId :

BF0B2

Tgt Ion: 95 Resp: 169113

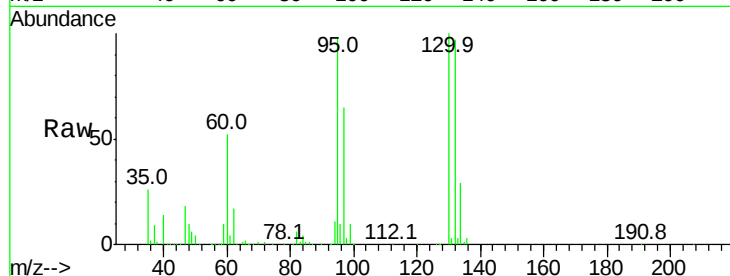
Ion Ratio Lower Upper

95 100

97 65.3 44.7 82.9

132 99.8 69.0 128.2

130 100.9 72.7 134.9

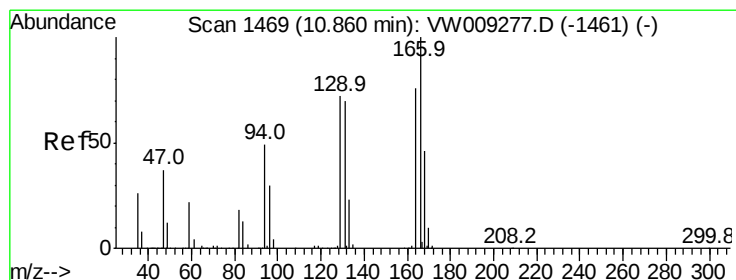
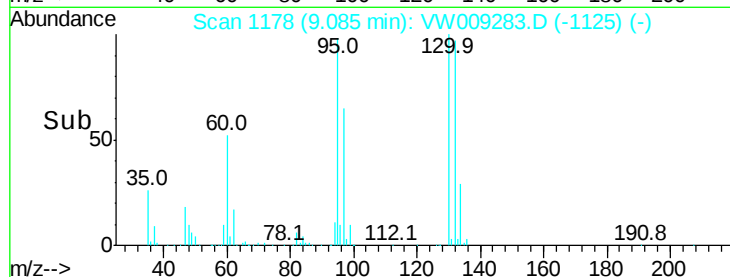
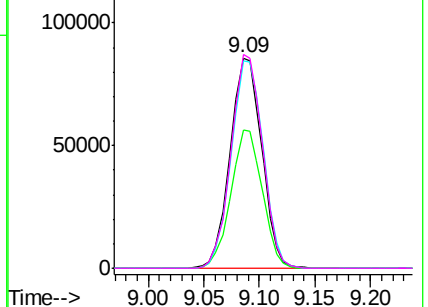


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#47

Tetrachloroethene

Concen: 18.335 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

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Acq: 20 Mar 2019 13:21

Tgt Ion:164 Resp: 81086

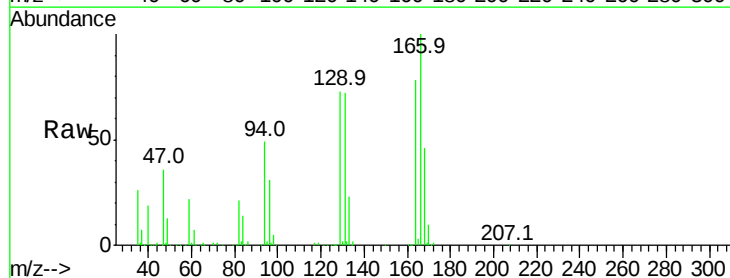
Ion Ratio Lower Upper

164 100

129 93.0 66.5 123.5

131 92.0 62.6 116.3

166 127.7 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

