

Data File : VW009207.D
Acq On : 16 Mar 2019 13:55
Operator : SY/VA
Sample : K1936-17
Misc : 5.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFOX5

Quant Time: Mar 18 02:43:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 02:40:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	392389	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	376789	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	186781	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	136081	29.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.08%
7) Chloroethane-d5	2.89	69	120408	21.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.80%
10) 1,1-Dichloroethene-d2	4.01	63	198374	19.57	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.28%
20) 2-Butanone-d5	7.08	46	109073	56.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.50%
24) Chloroform-d	7.64	84	253139	23.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.56%
26) 1,2-Dichloroethane-d4	8.30	65	160956	24.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.80%
29) Benzene-d6	8.27	84	495514	23.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.40%
33) 1,2-Dichloropropane-d6	9.27	67	148530	23.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.20%
37) Toluene-d8	10.32	98	450101	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.72%
38) trans-1,3-Dichloropropene-	10.58	79	73317	23.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.56%
39) 2-Hexanone-d5	10.93	63	83721	55.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	153757	25.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	174708	24.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.56%

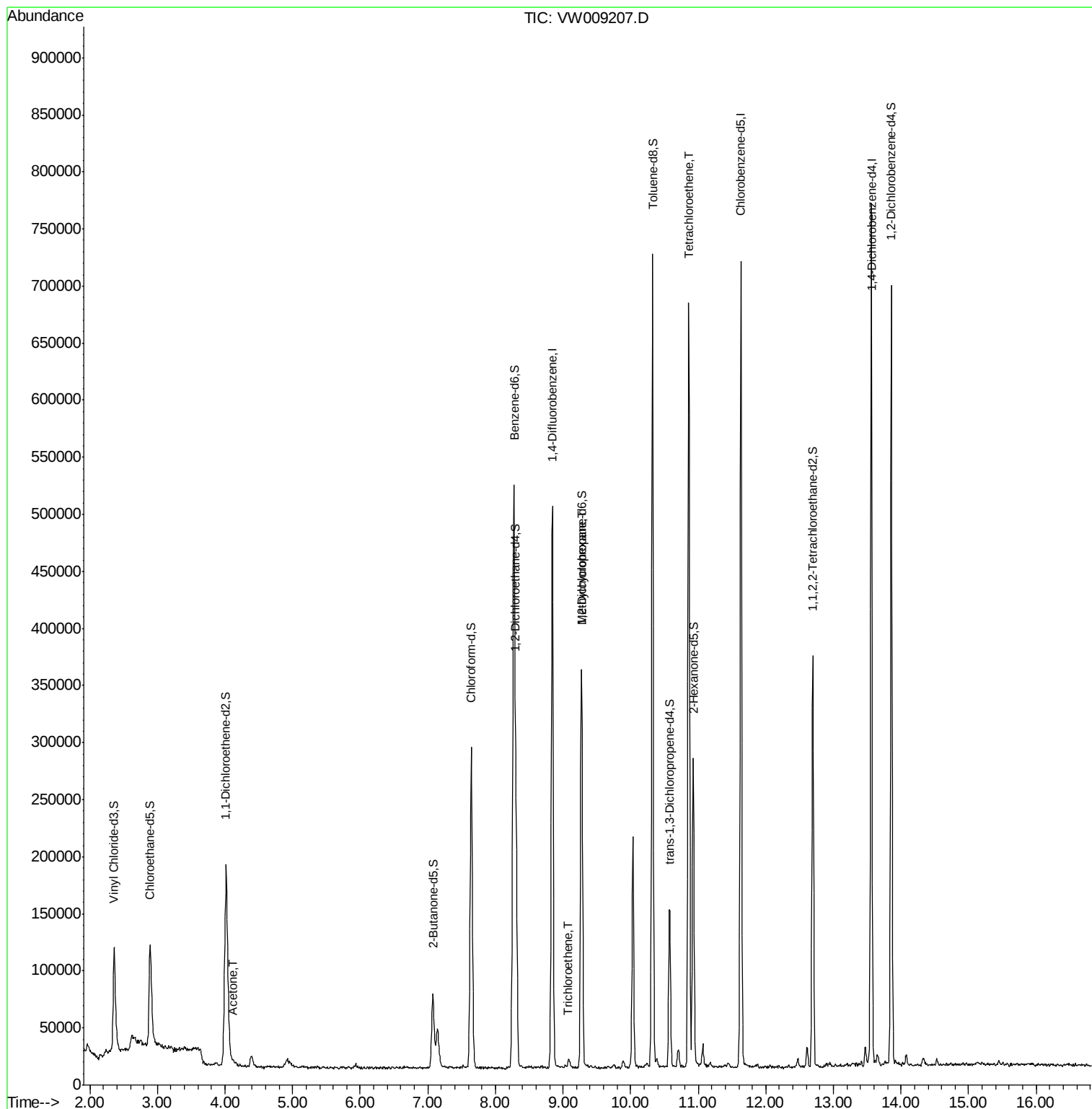
Target Compounds					Qvalue
13) Acetone	4.12	43	2779	1.748 ug/L	81
35) Trichloroethene	9.09	95	1855	0.338 ug/L #	83
36) Methylcyclohexane	9.27	83	37564	3.951 ug/L #	19
47) Tetrachloroethene	10.86	164	139128	29.963 ug/L	98

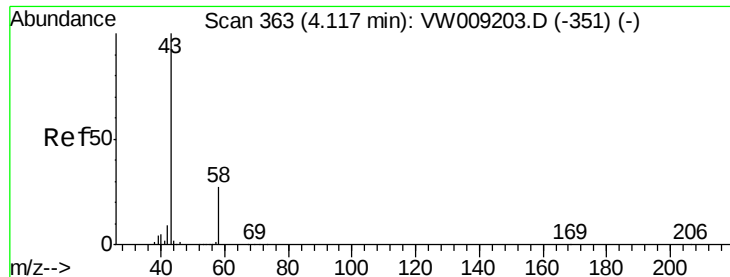
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.748 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampled :

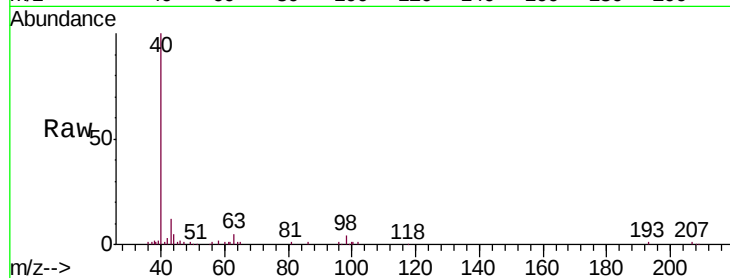
BF0X5

Tgt Ion: 43 Resp: 2779

Ion Ratio Lower Upper

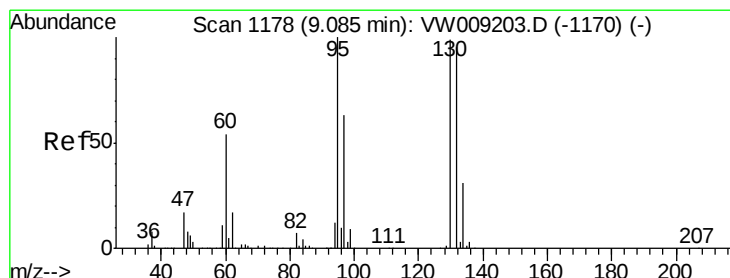
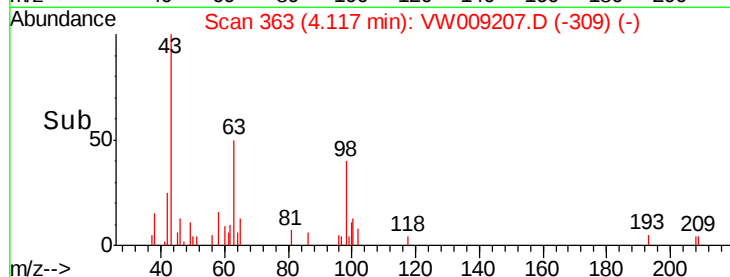
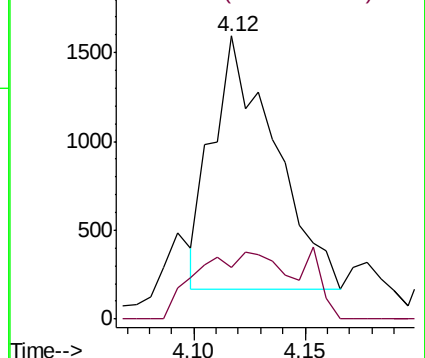
43 100

58 17.9 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 0.338 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

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Tgt Ion: 95 Resp: 1855

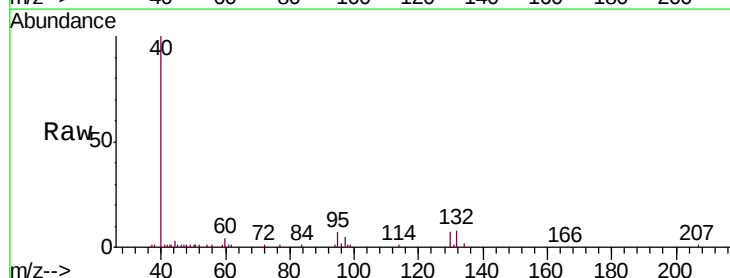
Ion Ratio Lower Upper

95 100

97 75.7 44.7 82.9

132 68.4 69.0 128.2#

130 108.0 72.7 134.9

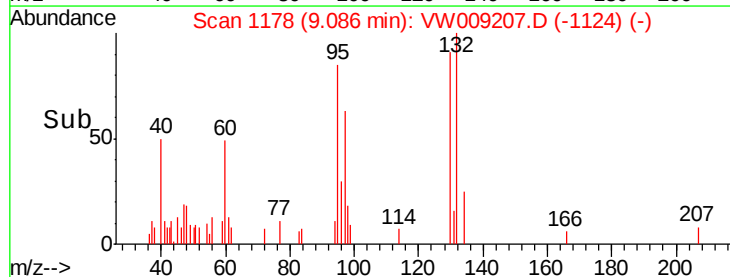
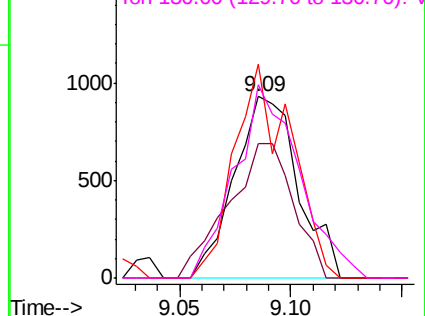


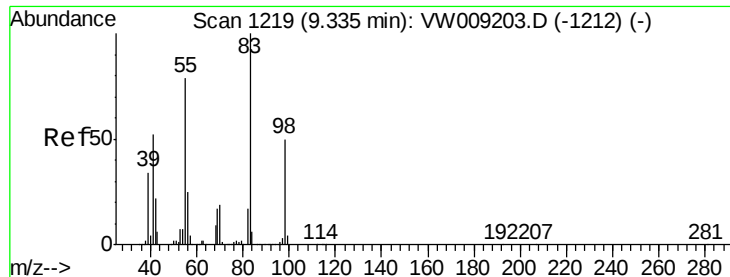
Abundance Ion 95.00 (94.70 to 95.70): VW

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

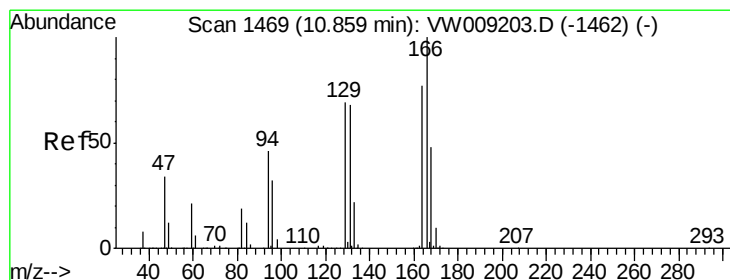
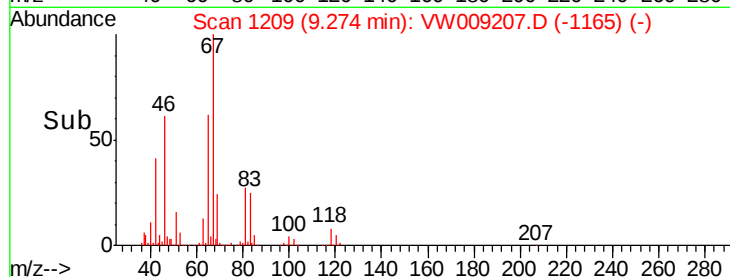
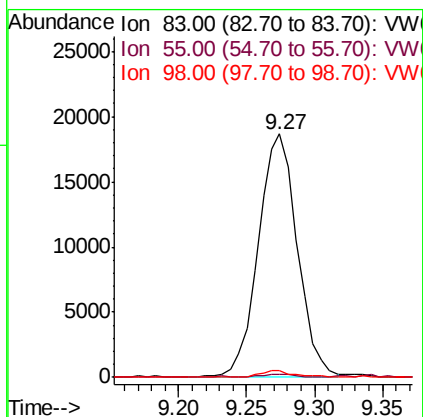
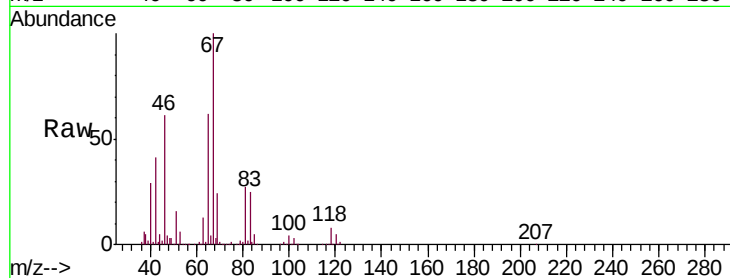




#36
Methylcyclohexane
Concen: 3.951 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
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Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.1	63.5	95.3#
98	2.3	39.8	59.8#



#47
Tetrachloroethene
Concen: 29.963 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
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Tgt Ion	Ratio	Lower	Upper
164	100		
129	92.2	66.5	123.5
131	92.3	62.6	116.3
166	130.7	91.6	170.0

