

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102418\
 Data File : VW006311.D
 Acq On : 24 Oct 2018 10:56
 Operator : SY/AP
 Sample : VW1024SBL01
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK92

Quant Time: Oct 25 07:36:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 07:32:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	437881	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	411702	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	217443	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	90796	18.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.56%
7) Chloroethane-d5	2.90	69	88965	20.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.72%
10) 1,1-Dichloroethene-d2	4.01	63	143211	15.10	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.40%
20) 2-Butanone-d5	7.09	46	62640	38.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.54%
24) Chloroform-d	7.65	84	210508	22.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.76%
26) 1,2-Dichloroethane-d4	8.31	65	121698	23.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.76%
29) Benzene-d6	8.27	84	426913	22.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.36%
33) 1,2-Dichloropropane-d6	9.27	67	124727	22.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.44%
37) Toluene-d8	10.32	98	418710	22.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.60%
38) trans-1,3-Dichloropropene-	10.58	79	53298	19.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.76%
39) 2-Hexanone-d5	10.93	63	52545	38.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117993	21.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	176358	23.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.64%

Target Compounds

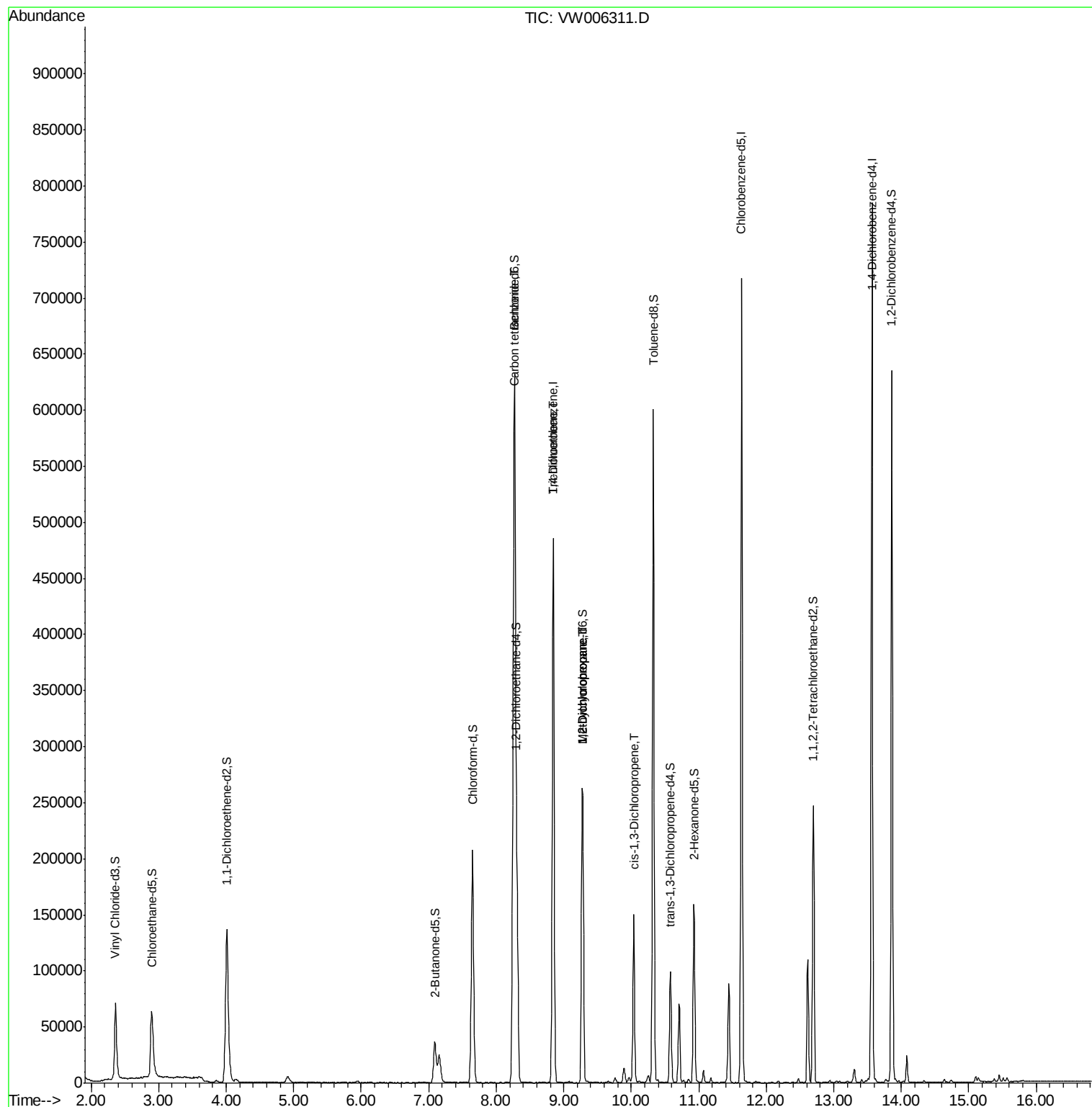
					Qvalue
32) Carbon tetrachloride	8.26	117	4915	0.582 ug/L #	29
35) Trichloroethene	8.84	95	12507	2.103 ug/L #	2
36) Methylcyclohexane	9.28	83	31080	2.853 ug/L #	21
40) 1,2-Dichloropropane	9.27	63	14368	2.740 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3848	0.449 ug/L #	77

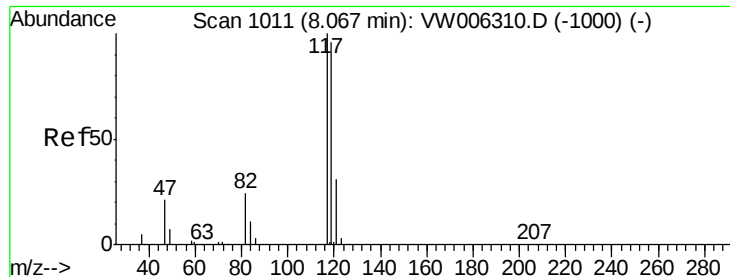
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/10ML/MSVOA_W/SOIL
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Quant Title : VOC Analysis
QLast Update : Thu Oct 25 07:32:16 2018
Response via : Initial Calibration





#32

Carbon tetrachloride

Concen: 0.582 ug/L

RT: 8.26 min Scan# 1042

Delta R.T. 0.19 min

Lab File: VW006311.D

Acq: 24 Oct 2018 10:56

Instrument :

MSVOA_W

ClientSampleId :

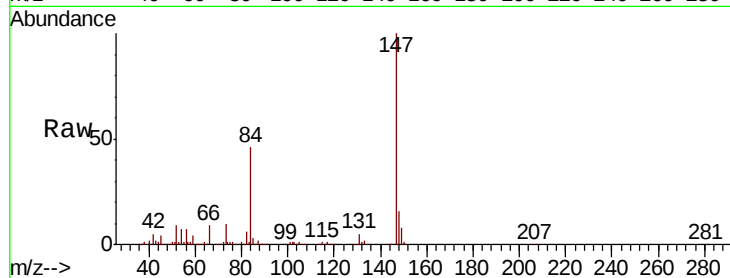
VBLK92

Tgt Ion: 117 Resp: 4915

Ion Ratio Lower Upper

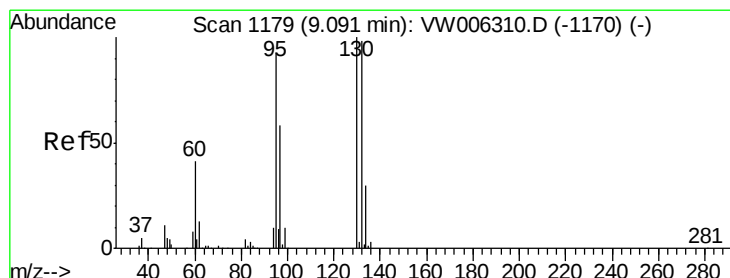
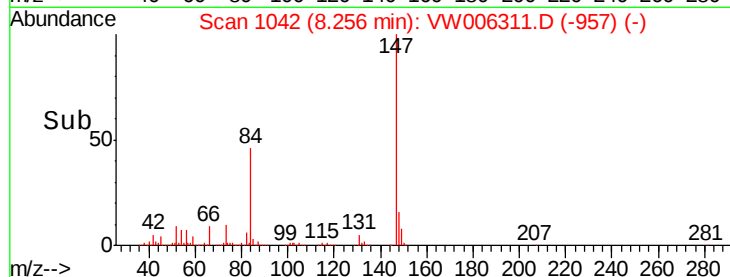
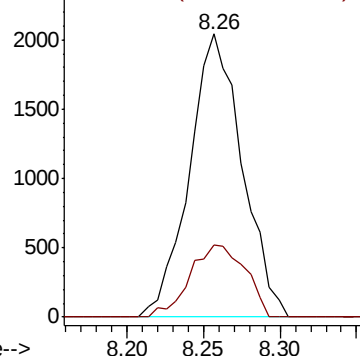
117 100

119 26.6 76.9 115.3#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#35

Trichloroethene

Concen: 2.103 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW006311.D

Acq: 24 Oct 2018 10:56

Tgt Ion: 95 Resp: 12507

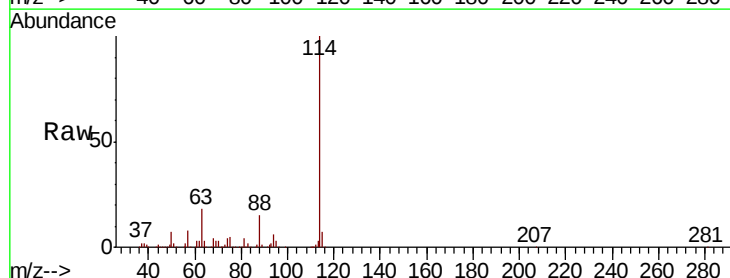
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.3 72.9 135.3#

130 0.0 75.8 140.8#

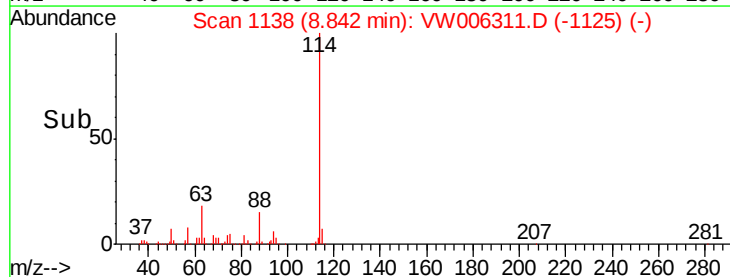
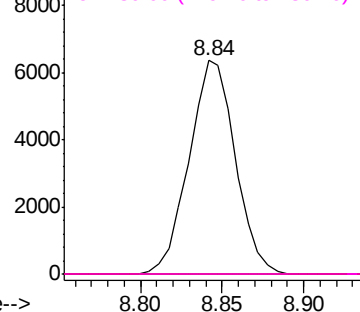


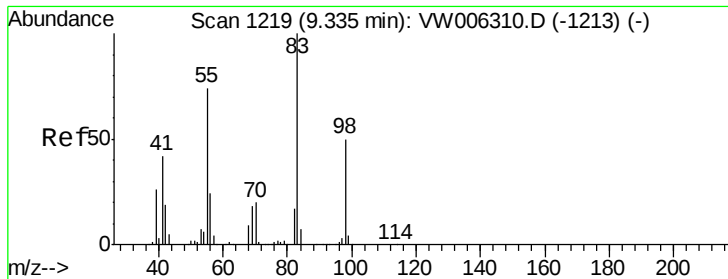
Abundance Ion 95.00 (94.70 to 95.70): VW

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

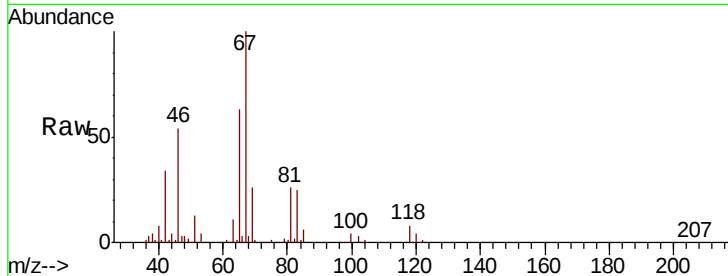




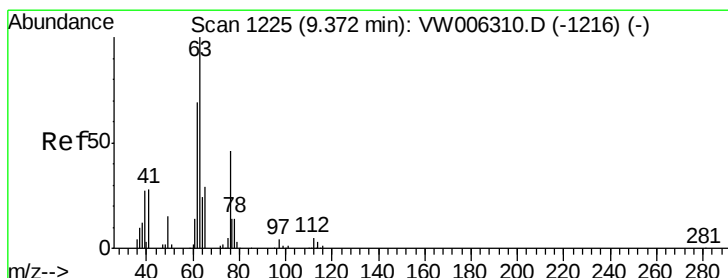
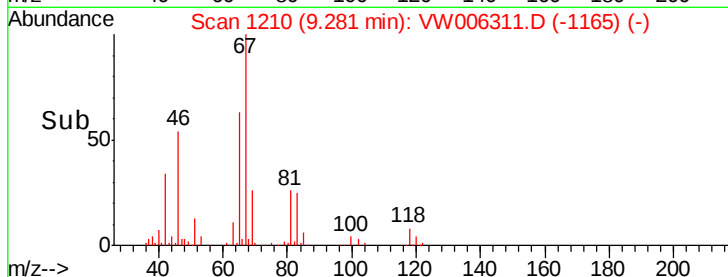
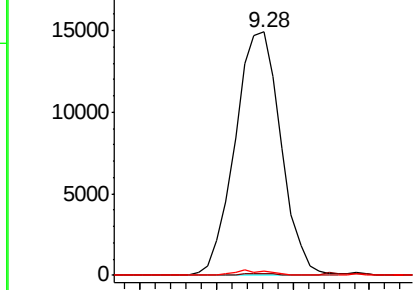
#36
Methylcyclohexane
Concen: 2.853 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
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Tgt Ion: 83 Resp: 31080
Ion Ratio Lower Upper
83 100
55 0.6 57.1 85.7#
98 0.9 38.9 58.3#

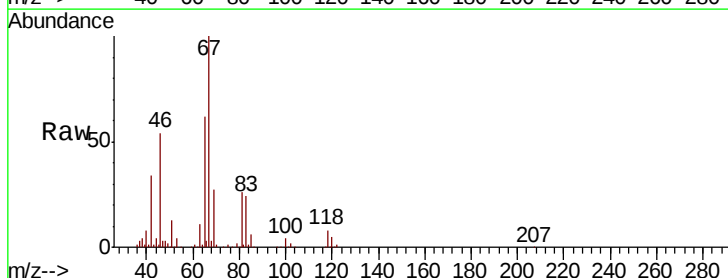


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

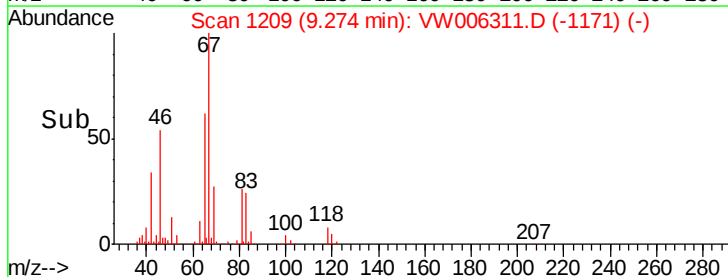
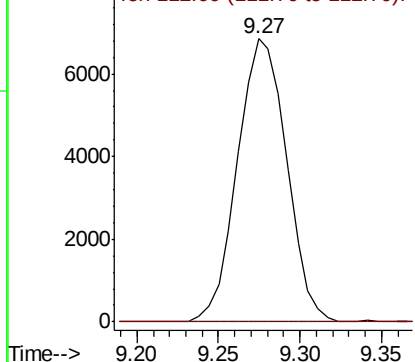


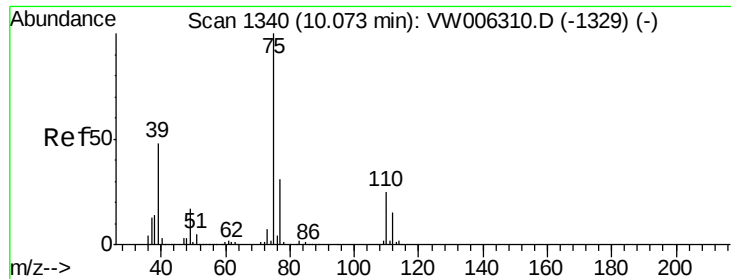
#40
1,2-Dichloropropane
Concen: 2.740 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW006311.D
Acq: 24 Oct 2018 10:56

Tgt Ion: 63 Resp: 14368
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.449 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006311.D

Acq: 24 Oct 2018 10:56

Instrument :

MSVOA_W

ClientSampleId :

VBLK92

Tgt Ion: 75 Resp: 3848

Ion Ratio Lower Upper

75 100

77 45.3 22.6 42.0#

