

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110119\
 Data File : VW013902.D
 Acq On : 01 Nov 2019 16:44
 Operator : SY/VA
 Sample : K5596-19RE
 Misc : 6.66G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 02 00:17:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 02 00:12:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	335904	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	333828	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	183581	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	121496	23.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.00%
7) Chloroethane-d5	2.89	69	97619	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.52%
10) 1,1-Dichloroethene-d2	4.02	63	181193	17.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.08%
20) 2-Butanone-d5	7.07	46	100000	53.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.34%
24) Chloroform-d	7.65	84	247383	23.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.48%
26) 1,2-Dichloroethane-d4	8.31	65	148202	26.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.08%
29) Benzene-d6	8.27	84	529120	23.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.64%
33) 1,2-Dichloropropane-d6	9.27	67	165393	24.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.72%
37) Toluene-d8	10.32	98	490746	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.52%
38) trans-1,3-Dichloropropene-	10.57	79	73409	23.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.00%
39) 2-Hexanone-d5	10.92	63	84438	54.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	155411	25.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	181986	25.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.20%

Target Compounds

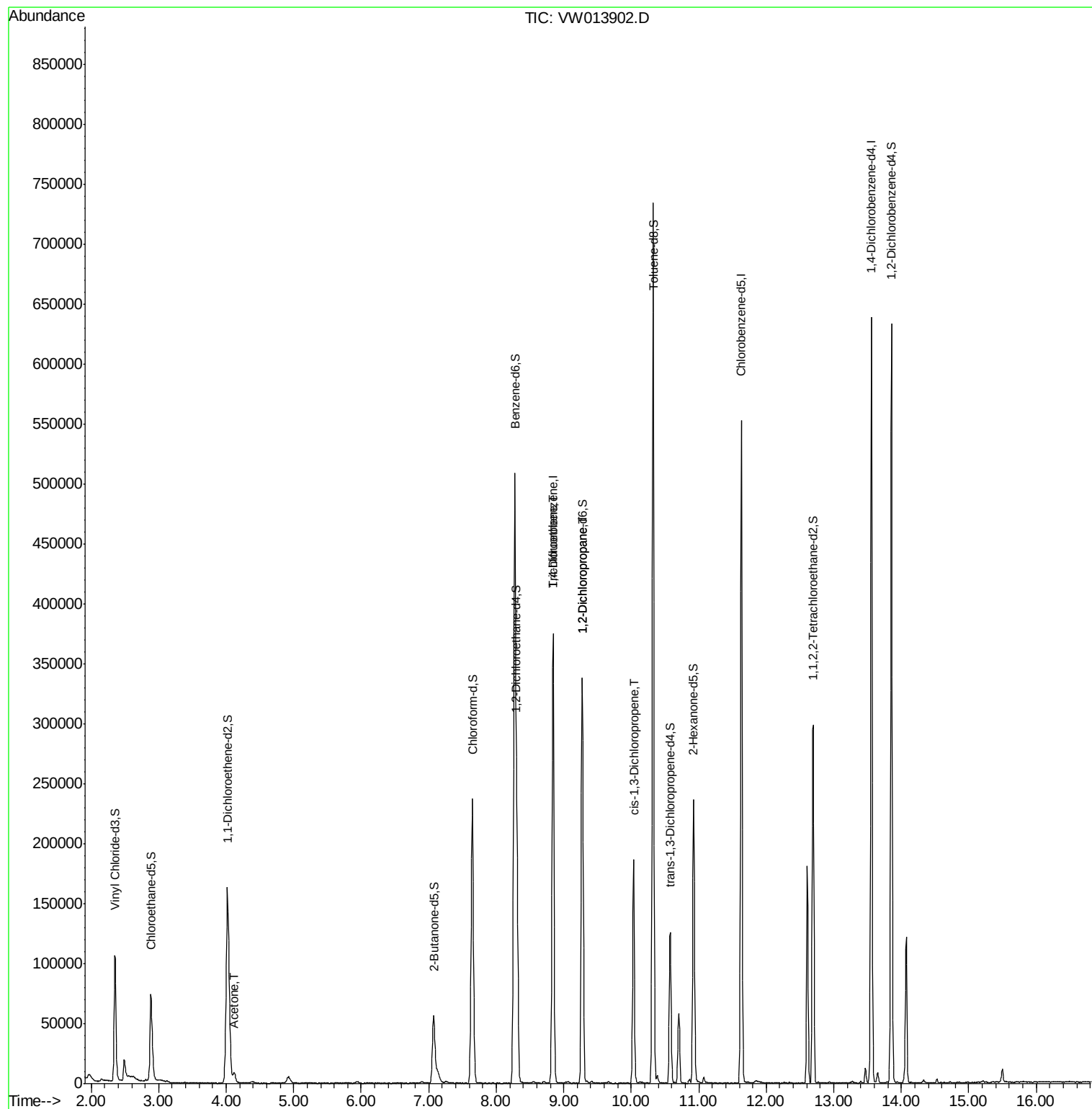
					Ovalue
13) Acetone	4.12	43	14113	7.705 ug/L	80
35) Trichloroethene	8.84	95	9809	1.535 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	16935	2.847 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	4171	0.445 ug/L #	61

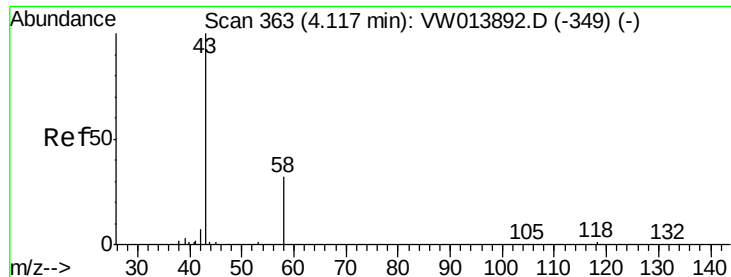
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 02 00:12:22 2019
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#13

Acetone

Concen: 7.705 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013902.D

Acq: 01 Nov 2019 16:44

Instrument :

MSVOA_W

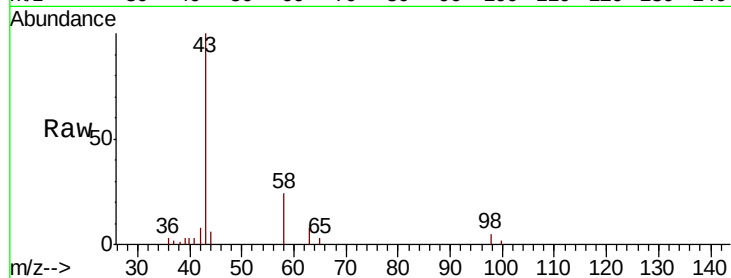
ClientSampled :

Tot Ion: 43 Resp: 14113

Ion Ratio Lower Upper

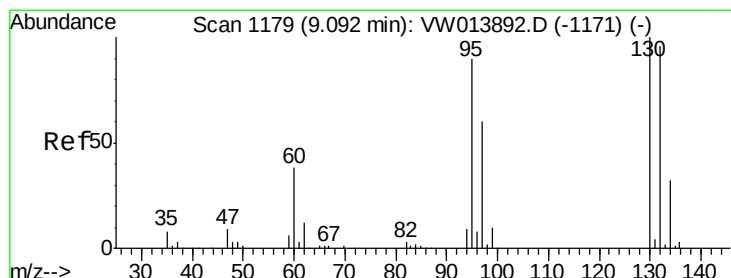
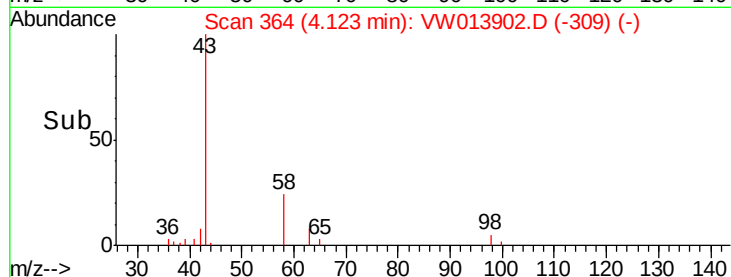
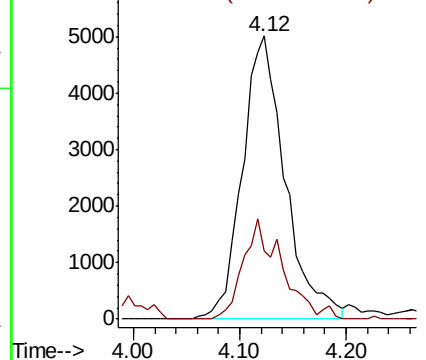
43 100

58 20.3 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 1.535 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.26 min

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Tgt Ion: 95 Resp: 9809

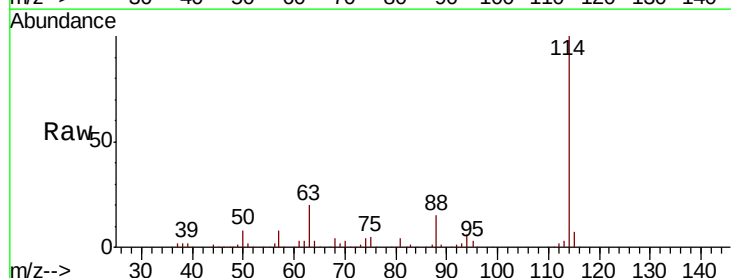
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.5#

132 0.0 73.3 136.1#

130 0.0 75.5 140.1#

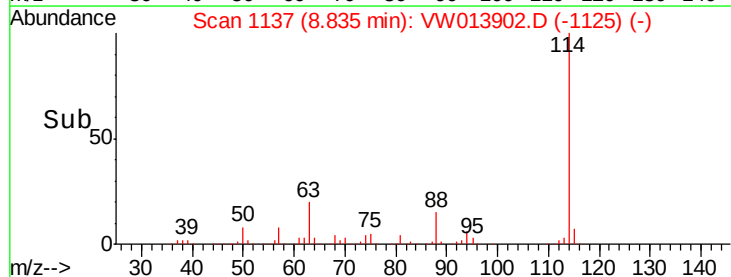
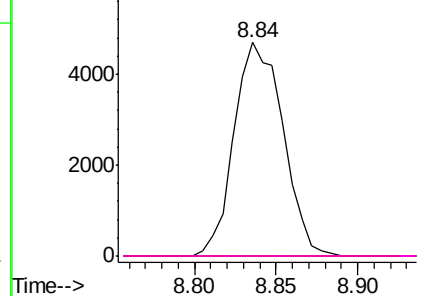


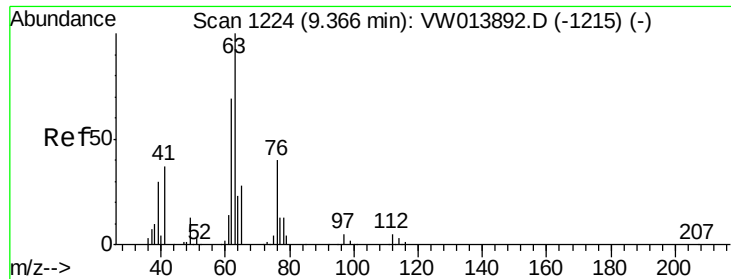
Abundance Ion 95.00 (94.70 to 95.70): VW

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

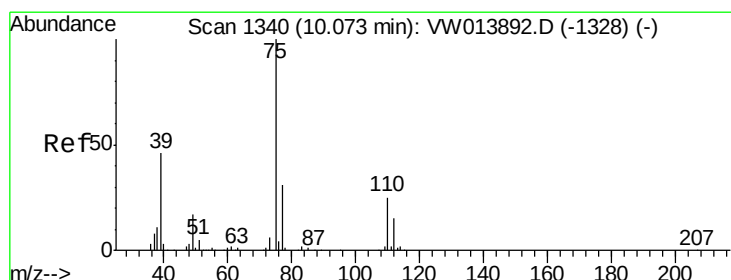
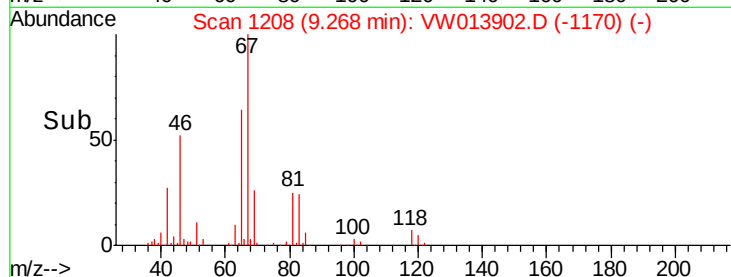
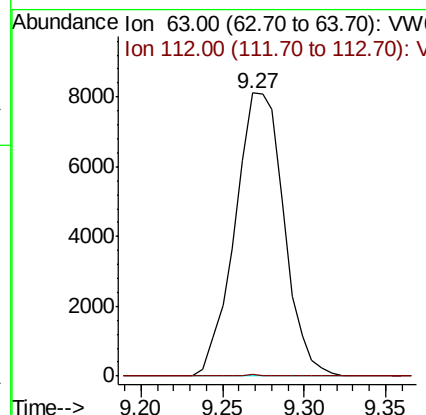
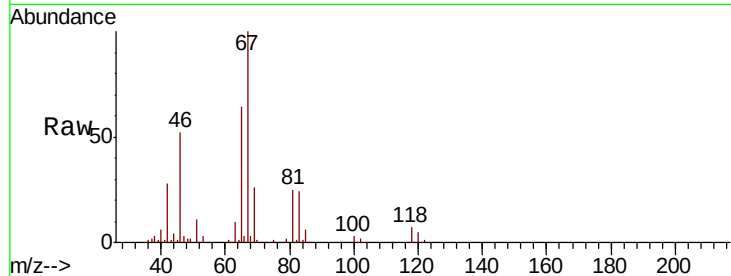




#40
 1,2-Dichloropropane
 Concen: 2.847 ug/L
 RT: 9.27 min Scan# 1208
 Delta R.T. -0.10 min
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Instrument :
 MSVOA_W
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Tot Ion: 63 Resp: 16935
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.9 5.9#



#42
 cis-1,3-Dichloropropene
 Concen: 0.445 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW013902.D
 Acq: 01 Nov 2019 16:44

Tgt Ion: 75 Resp: 4171
 Ion Ratio Lower Upper
 75 100
 77 52.8 21.8 40.4#

