

Data File : VW014696.D
Acq On : 20 Jan 2020 15:38
Operator : SY/VA
Sample : L1118-24
Misc : 4.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASN9

Quant Time: Jan 21 03:43:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 21 03:38:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	645578	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	599151	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	242089	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	214598	23.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.32%
7) Chloroethane-d5	2.89	69	172838	25.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.12%
10) 1,1-Dichloroethene-d2	4.01	63	311777	18.73	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.92%
20) 2-Butanone-d5	7.07	46	117296	54.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.32%
24) Chloroform-d	7.64	84	413057	27.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.24%
26) 1,2-Dichloroethane-d4	8.30	65	229293	29.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.00%
29) Benzene-d6	8.27	84	856984	26.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.60%
33) 1,2-Dichloropropane-d6	9.27	67	272541	28.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.80%
37) Toluene-d8	10.32	98	747350	25.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.48%
38) trans-1,3-Dichloropropene-	10.57	79	101782	25.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.88%
39) 2-Hexanone-d5	10.92	63	83936	51.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	205948	28.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	246432	30.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	123.56%#

Target Compounds

					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	3218	0.381 ug/L #	19
13) Acetone	4.12	43	14155	4.721 ug/L	98
16) Methylene chloride	4.90	84	20397	1.938 ug/L	91
35) Trichloroethene	8.84	95	18383	1.975 ug/L #	4

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

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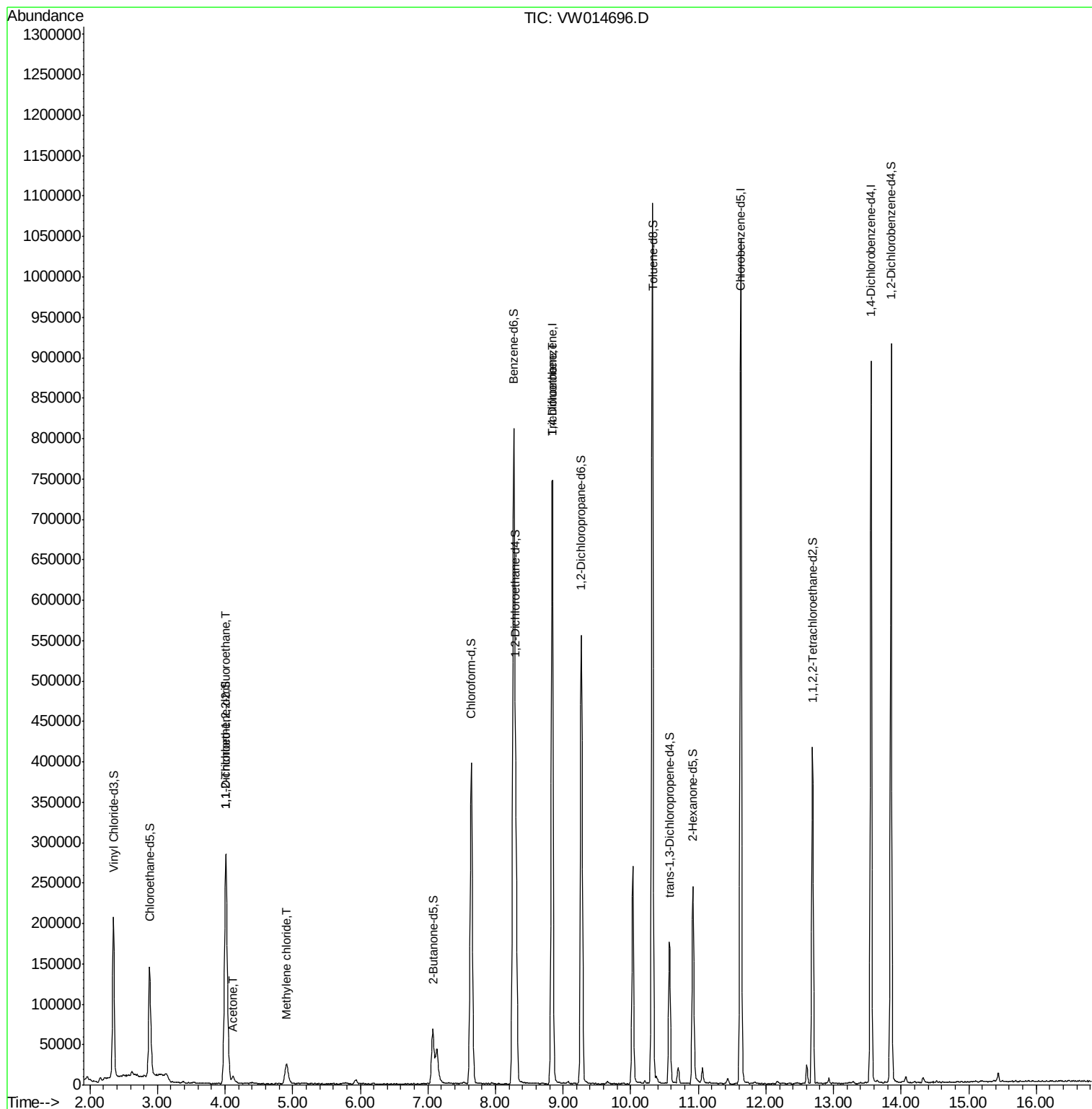
Quant Time: Jan 21 03:43:08 2020

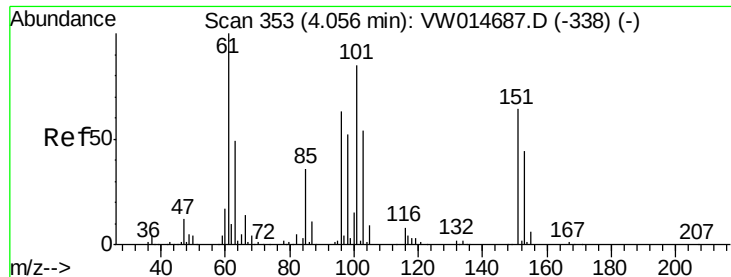
Quant Method : Z:\VOASRV\HPCHEM1\MSV0A_W\METHOD\SOM2WLM122719S.M

Quant Title : VOC Analysis

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Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.381 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampled :

GAS9

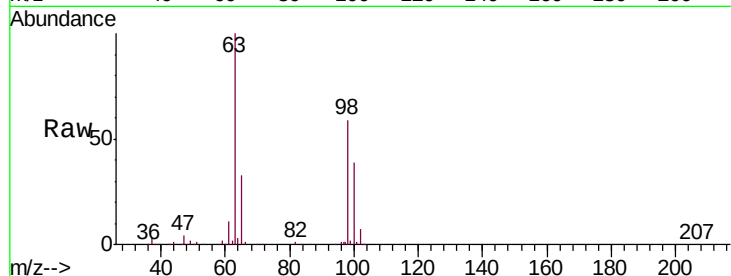
Tgt Ion:101 Resp: 3218

Ion Ratio Lower Upper

101 100

85 0.0 33.3 49.9#

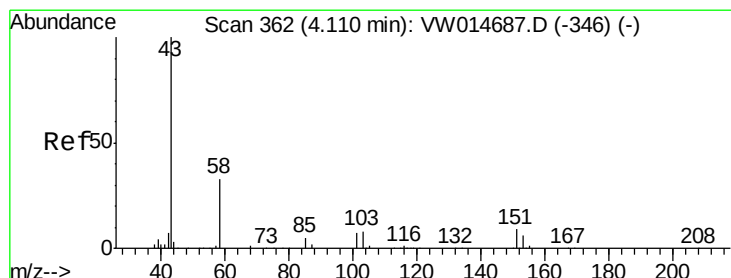
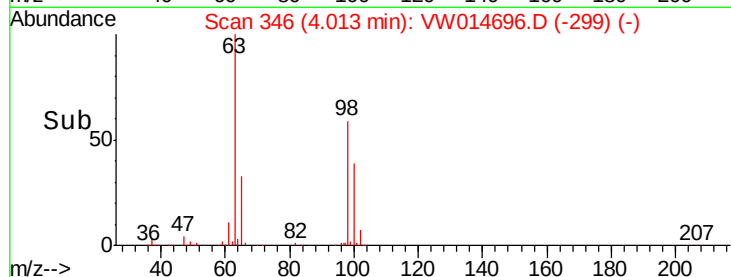
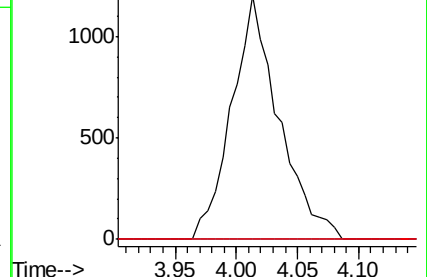
151 0.0 62.5 93.7#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 4.721 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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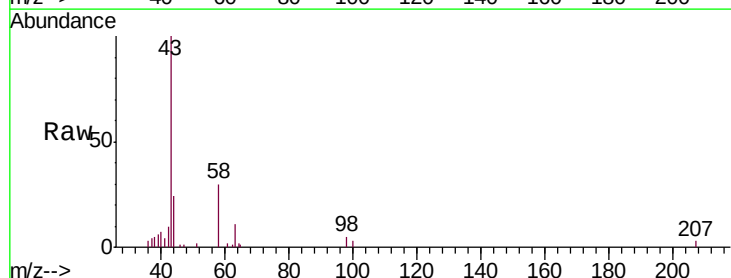
Acq: 20 Jan 2020 15:38

Tgt Ion: 43 Resp: 14155

Ion Ratio Lower Upper

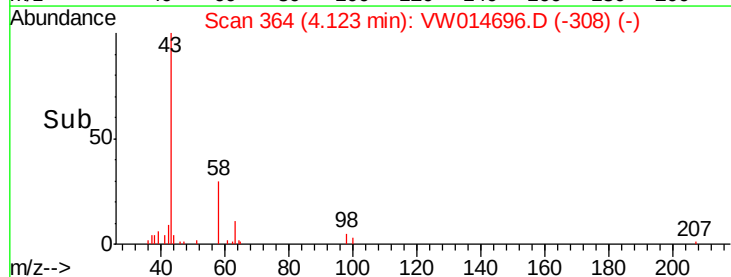
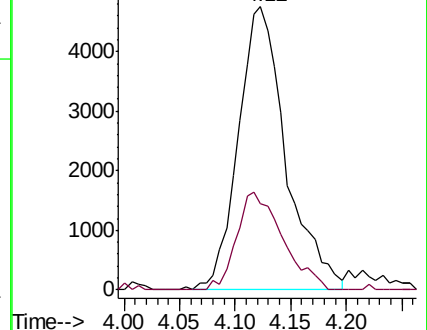
43 100

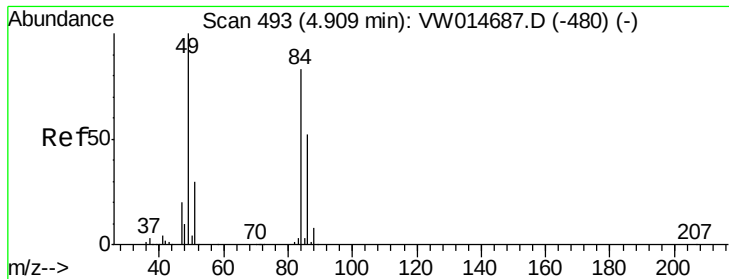
58 33.2 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

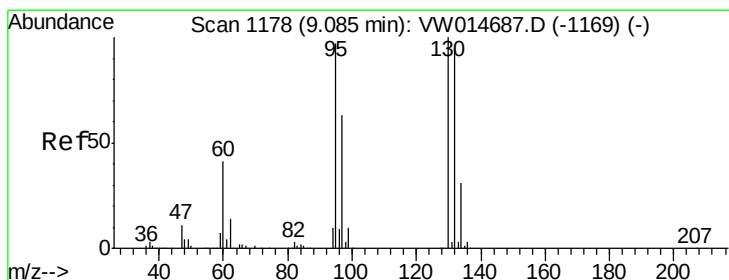
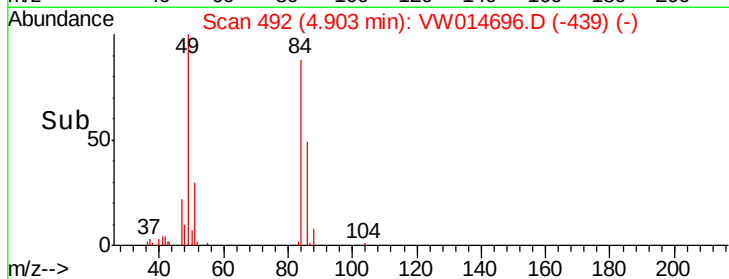
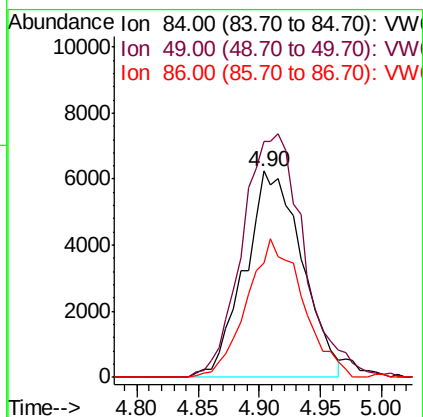
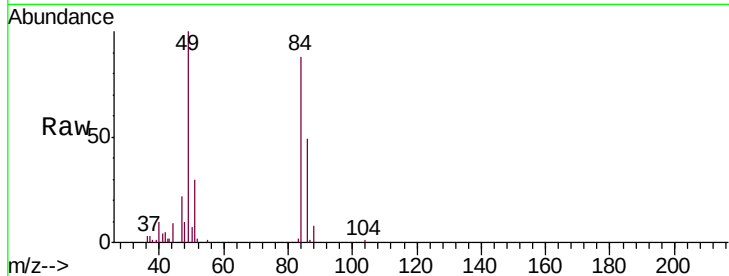




#16
Methylene chloride
Concen: 1.938 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
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Tgt Ion: 84 Resp: 20397
Ion Ratio Lower Upper
84 100
49 114.0 85.8 159.4
86 55.6 44.5 82.7



#35
Trichloroethene
Concen: 1.975 ug/L
RT: 8.84 min Scan# 1137
Delta R.T. -0.25 min
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Tgt Ion: 95 Resp: 18383
Ion Ratio Lower Upper
95 100
97 0.0 44.3 82.3#
132 0.0 69.2 128.6#
130 0.0 72.3 134.3#

