

Data File : VW017380.D
Acq On : 19 Nov 2020 18:30
Operator : SY/VA
Sample : L4751-19
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AX4

Quant Time: Nov 20 01:22:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 01:18:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	338050	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	294288	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	116698	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	136017	27.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.72%
7) Chloroethane-d5	2.89	69	110368	27.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.04%
10) 1,1-Dichloroethene-d2	4.02	63	168388	19.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.92%
20) 2-Butanone-d5	7.08	46	34990	42.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.14%
24) Chloroform-d	7.65	84	235066	26.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.88%
26) 1,2-Dichloroethane-d4	8.31	65	115628	26.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.80%
29) Benzene-d6	8.27	84	453157	27.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.28%
33) 1,2-Dichloropropane-d6	9.27	67	125954	28.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.00%
37) Toluene-d8	10.33	98	410596	26.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.16%
38) trans-1,3-Dichloropropene-	10.58	79	41008	21.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.24%
39) 2-Hexanone-d5	10.93	63	23970	40.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	87511	26.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	115439	26.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.20%

Target Compounds

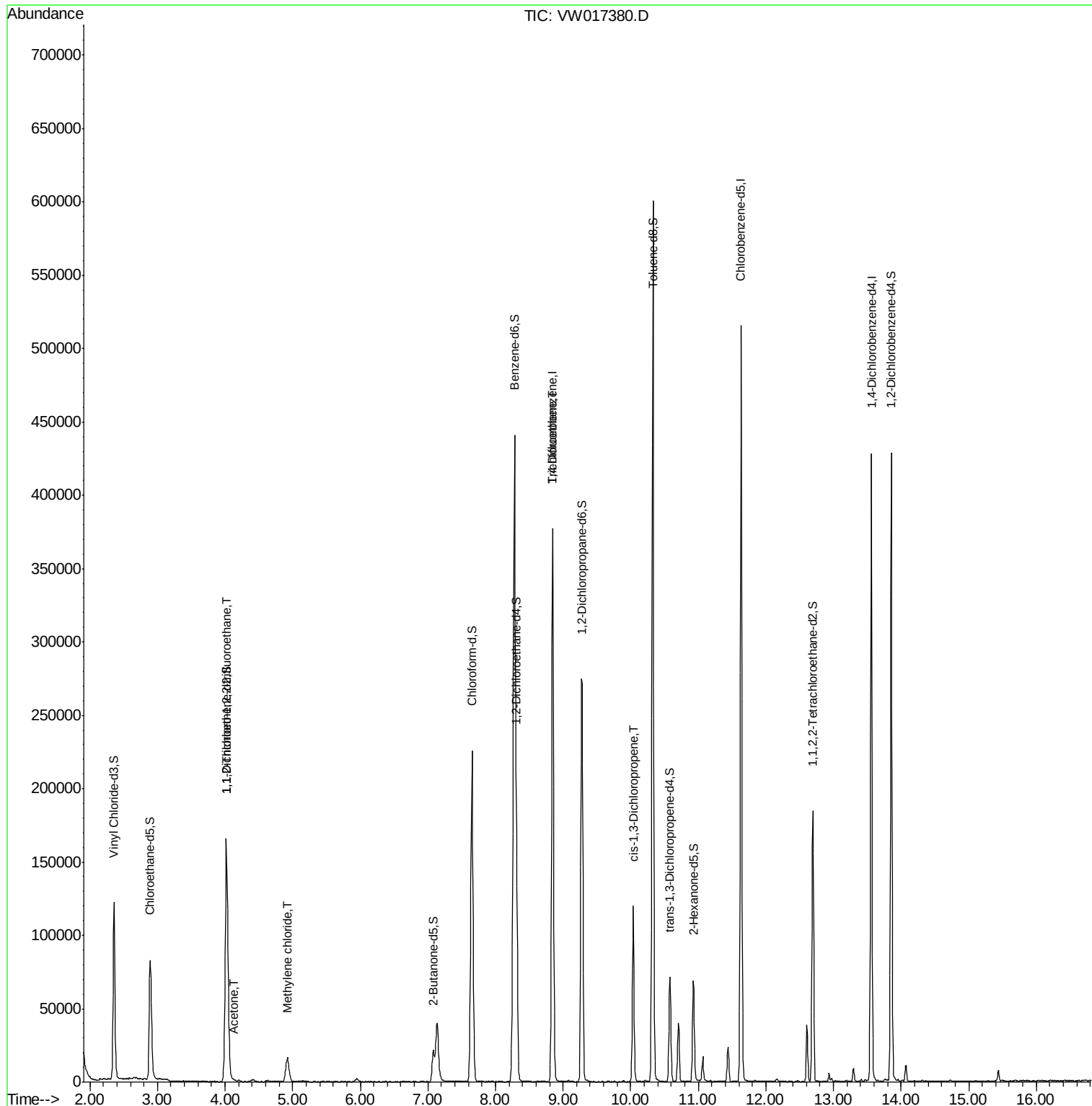
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1328	0.287	ug/L #	16
13) Acetone	4.13	43	1749	2.917	ug/L	76
16) Methylene chloride	4.92	84	14787	2.557	ug/L	91
35) Trichloroethene	8.85	95	9313	1.980	ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	3106	0.532	ug/L #	55

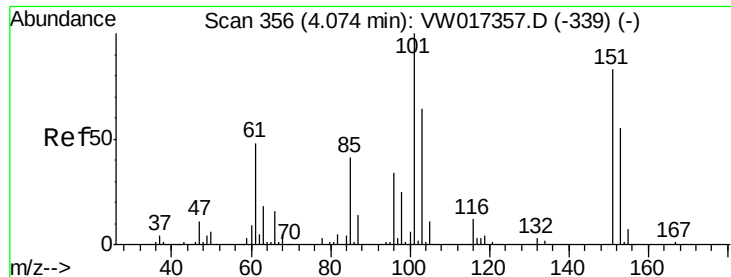
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

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

Concen: 0.287 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.05 min

Lab File: VW017380.D

Acq: 19 Nov 2020 18:30

Instrument :

MSVOA_W

ClientSampled :

C0AX4

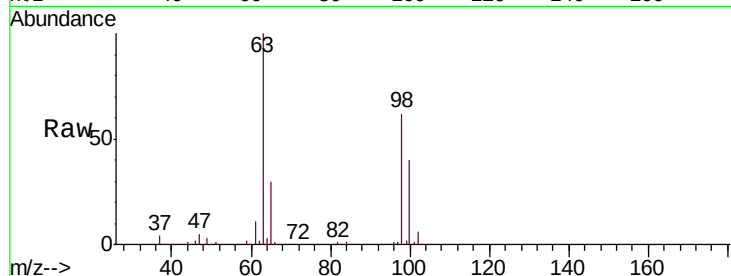
Tgt Ion: 101 Resp: 1328

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

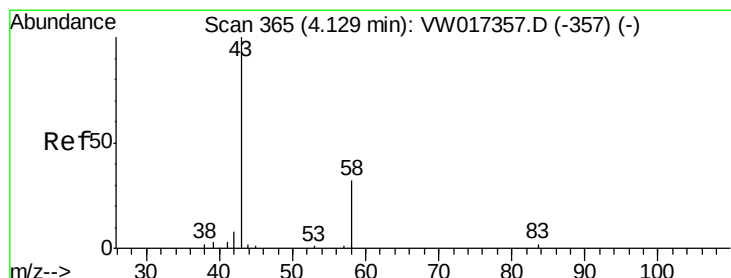
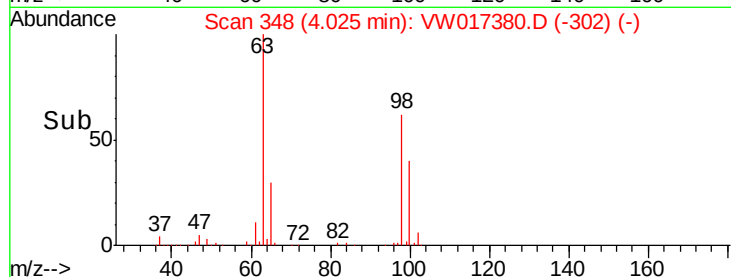
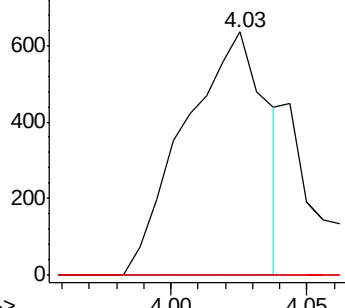
151 0.0 66.3 99.5#



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: 2.917 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

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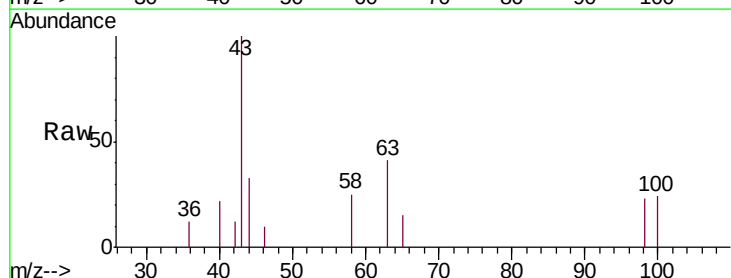
Acq: 19 Nov 2020 18:30

Tgt Ion: 43 Resp: 1749

Ion Ratio Lower Upper

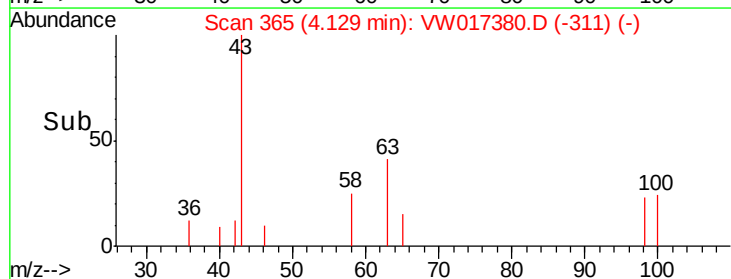
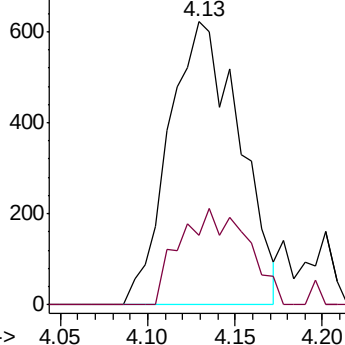
43 100

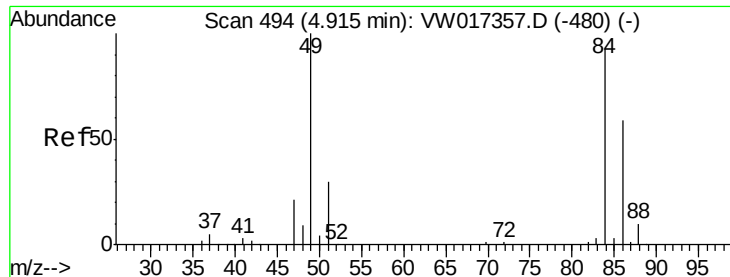
58 19.6 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

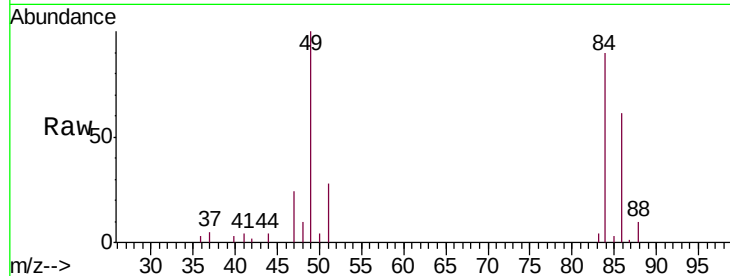




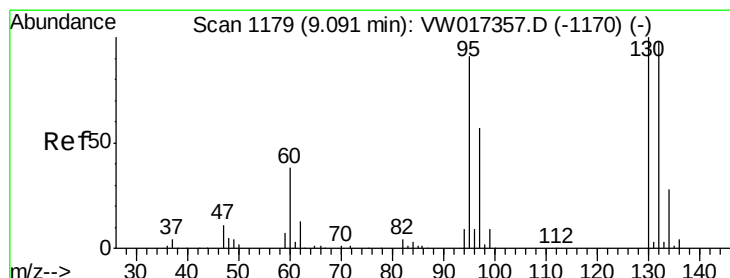
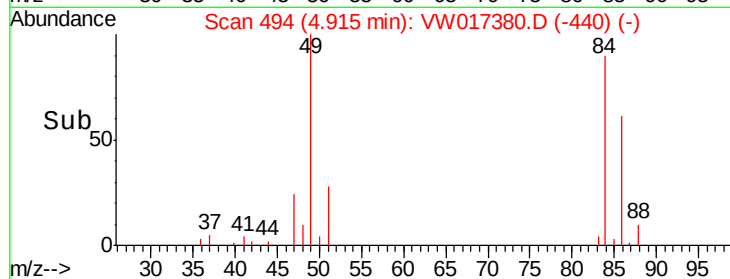
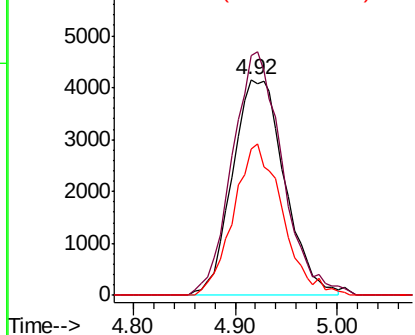
#16
Methylene chloride
Concen: 2.557 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
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Tgt Ion: 84 Resp: 14787
Ion Ratio Lower Upper
84 100
49 111.5 71.5 132.9
86 67.9 42.8 79.4

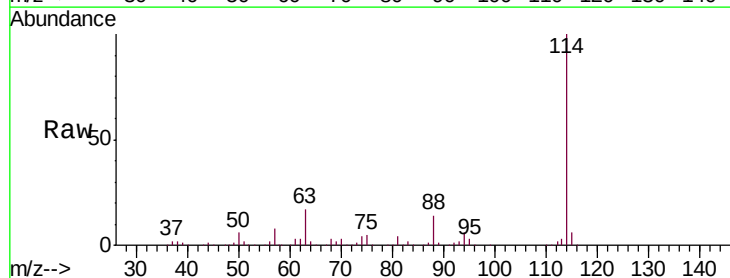


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

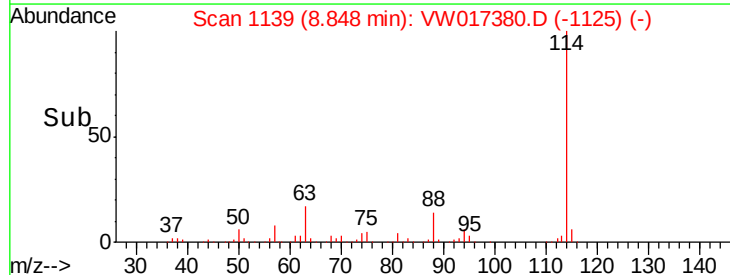
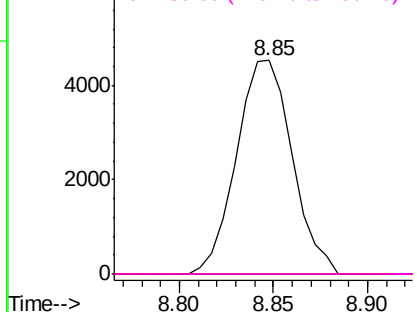


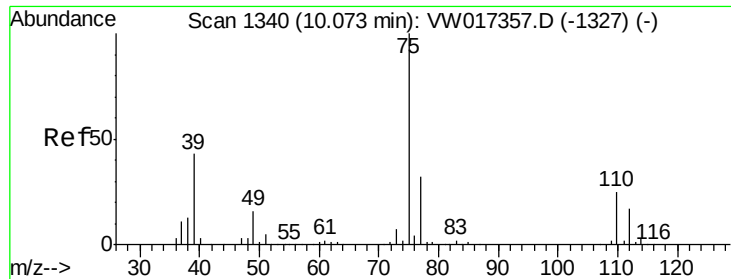
#35
Trichloroethene
Concen: 1.980 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW017380.D
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Tgt Ion: 95 Resp: 9313
Ion Ratio Lower Upper
95 100
97 0.0 44.7 82.9#
132 0.0 72.7 134.9#
130 0.0 76.1 141.3#



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





#42

cis-1,3-Dichloropropene

Concen: 0.532 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017380.D

Acq: 19 Nov 2020 18:30

Instrument :

MSVOA_W

ClientSampleId :

C0AX4

Tgt Ion: 75 Resp: 3106

Ion Ratio Lower Upper

75 100

77 55.7 21.8 40.4#

