

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110119\
 Data File : VW013897.D
 Acq On : 01 Nov 2019 14:33
 Operator : SY/VA
 Sample : K5552-15RE
 Misc : 4.19G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 02 00:17:00 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	318752	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	275745	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	111295	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	139096	28.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.16%
7) Chloroethane-d5	2.89	69	112774	28.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.84%
10) 1,1-Dichloroethene-d2	4.02	63	204346	20.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.92%
20) 2-Butanone-d5	7.07	46	78077	43.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.50%
24) Chloroform-d	7.65	84	267963	26.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.72%
26) 1,2-Dichloroethane-d4	8.31	65	143342	26.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.08%
29) Benzene-d6	8.27	84	581436	31.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.92%
33) 1,2-Dichloropropane-d6	9.27	67	173915	31.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.40%#
37) Toluene-d8	10.32	98	515104	29.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.60%
38) trans-1,3-Dichloropropene-	10.58	79	68582	26.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.44%
39) 2-Hexanone-d5	10.93	63	63114	49.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125221	25.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	128962	29.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.12%

Target Compounds

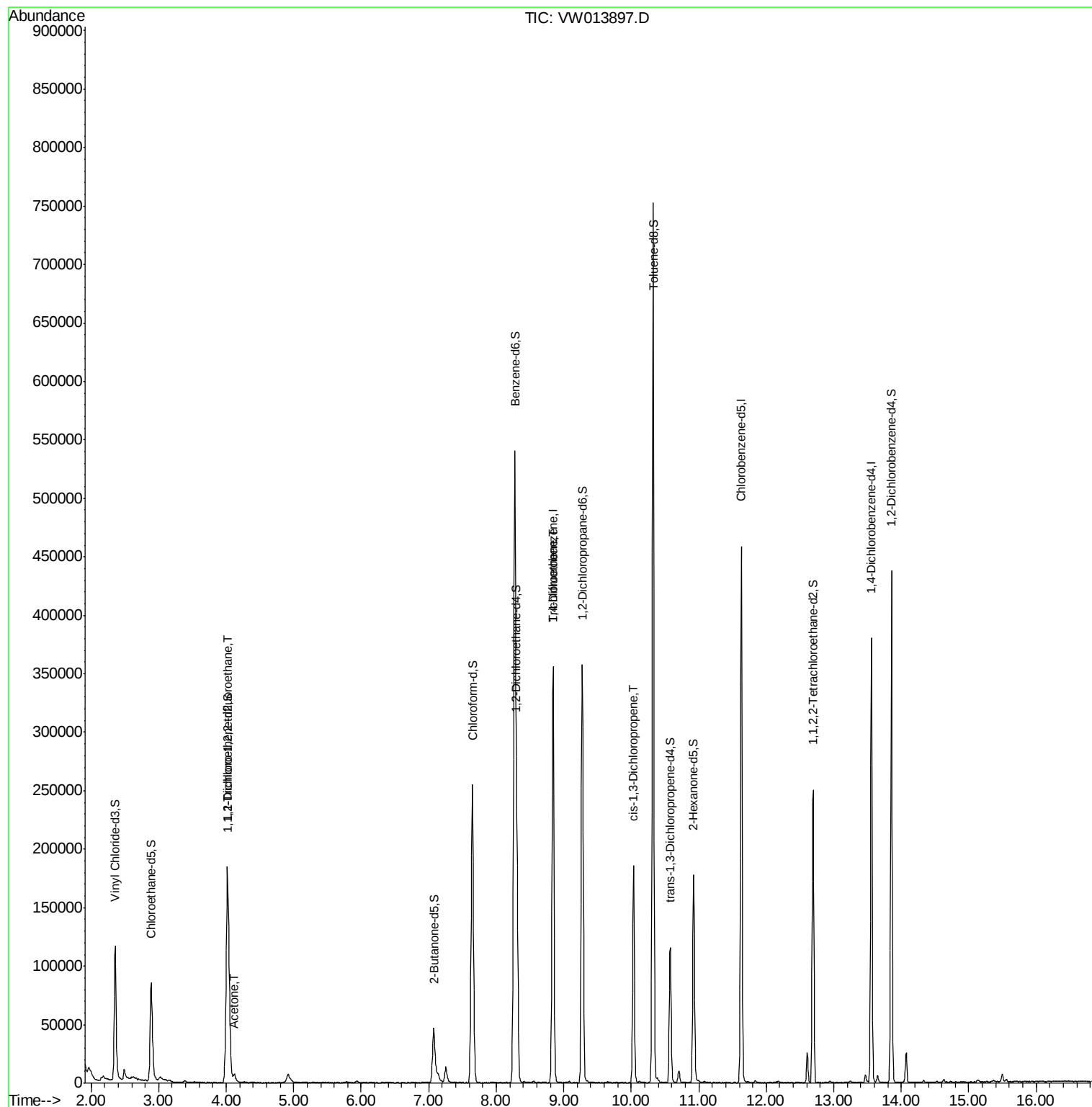
					Ovalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	2582	0.471	ug/L #	17
13) Acetone	4.12	43	11445	6.584	ug/L	67
35) Trichloroethene	8.84	95	9193	1.742	ug/L #	3
42) cis-1,3-Dichloropropene	10.04	75	3967	0.512	ug/L #	81

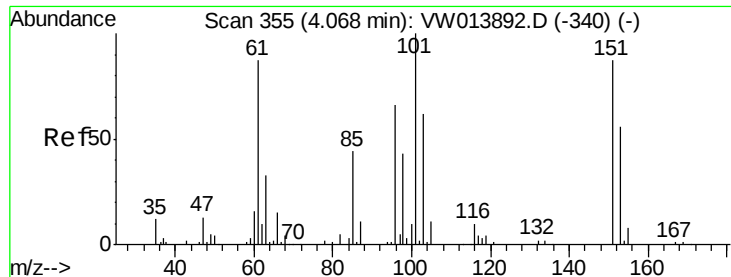
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Nov 02 00:12:22 2019
Response via : Initial Calibration





#11

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

Concen: 0.471 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.04 min

Lab File: VW013897.D

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Instrument :

MSVOA_W

ClientSampleId :

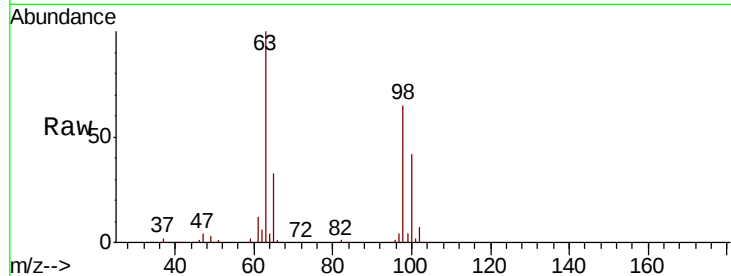
Tot Ion:101 Resp: 2582

Ion Ratio Lower Upper

101 100

85 0.0 30.9 46.3#

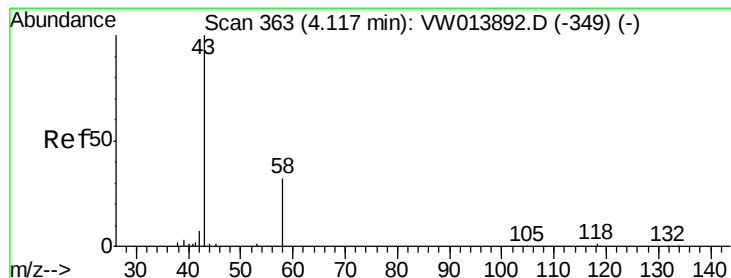
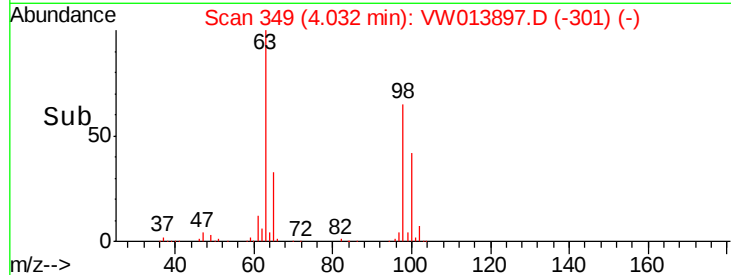
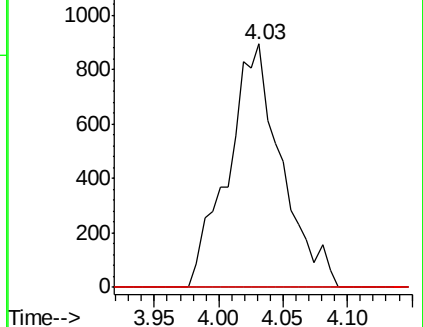
151 0.0 66.3 99.5#



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: 6.584 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW013897.D

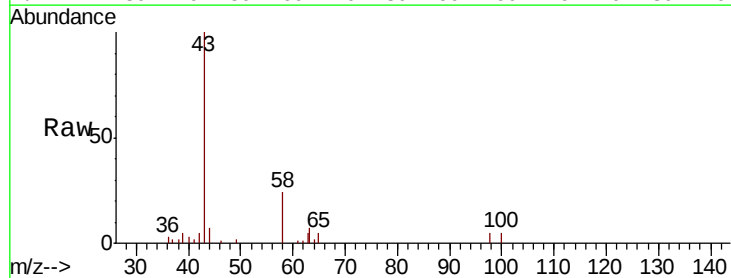
Acq: 01 Nov 2019 14:33

Tgt Ion: 43 Resp: 11445

Ion Ratio Lower Upper

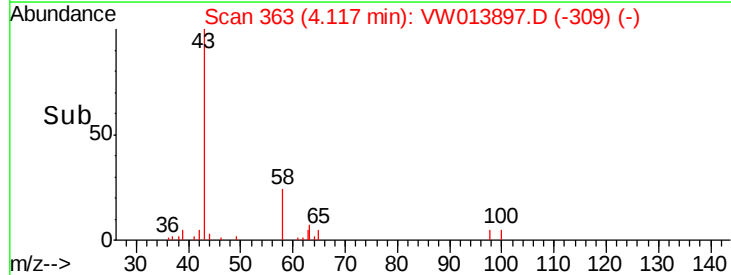
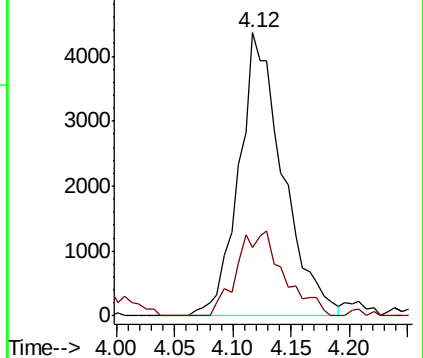
43 100

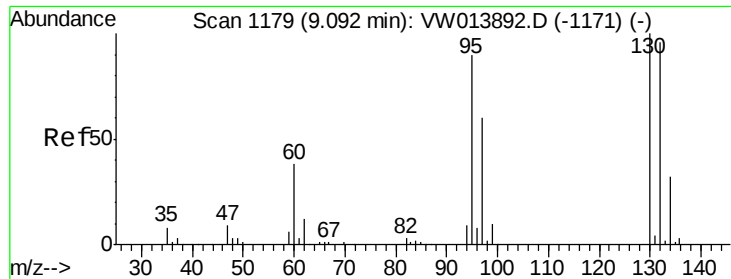
58 13.1 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#35

Trichloroethene

Concen: 1.742 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW013897.D

Acq: 01 Nov 2019 14:33

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 9193

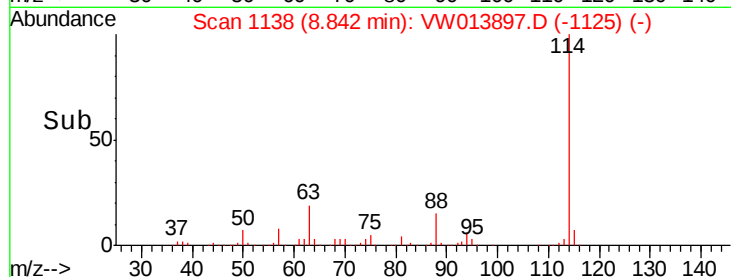
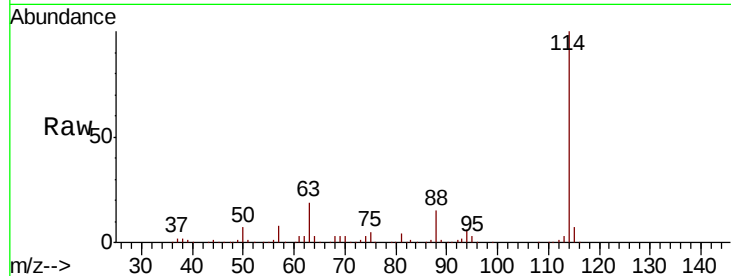
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.5#

132 1.0 73.3 136.1#

130 0.4 75.5 140.1#

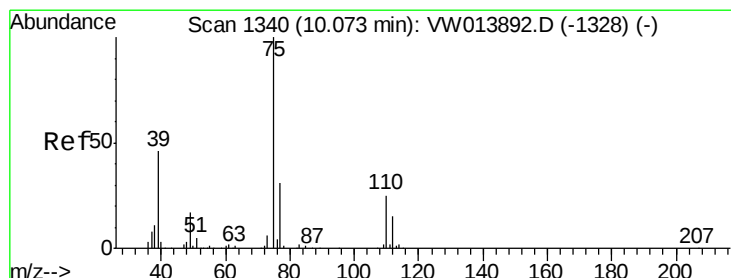
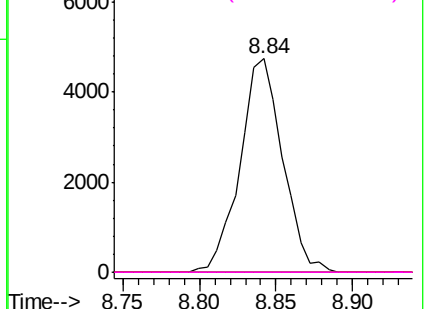


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#42

cis-1,3-Dichloropropene

Concen: 0.512 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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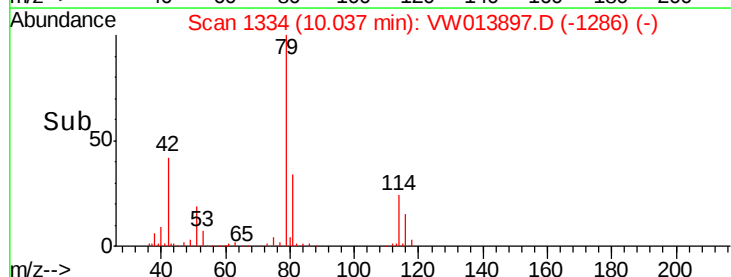
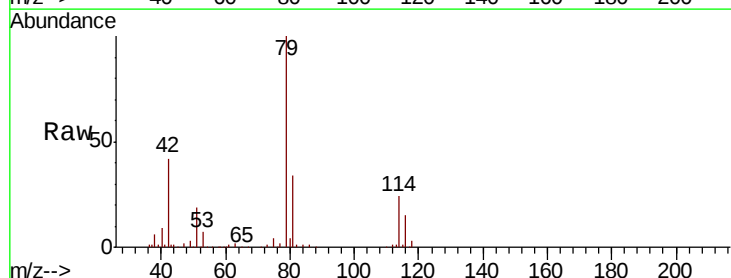
Acq: 01 Nov 2019 14:33

Tgt Ion: 75 Resp: 3967

Ion Ratio Lower Upper

75 100

77 41.3 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

