

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121219\
 Data File : VW014338.D
 Acq On : 12 Dec 2019 20:33
 Operator : SY/VA
 Sample : K6254-12
 Misc : 3.83G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0C35

Quant Time: Dec 13 06:12:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 13 06:08:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1071663	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	826046	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	244119	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	335150	20.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.60%
7) Chloroethane-d5	2.89	69	272307	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.28%
10) 1,1-Dichloroethene-d2	4.01	63	449059	15.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.68%
20) 2-Butanone-d5	7.07	46	158112	37.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.78%
24) Chloroform-d	7.64	84	622036	22.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	8.30	65	328415	22.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.84%
29) Benzene-d6	8.27	84	1278318	26.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.60%
33) 1,2-Dichloropropane-d6	9.27	67	420183	28.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.84%
37) Toluene-d8	10.32	98	1022999	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.48%
38) trans-1,3-Dichloropropene-	10.57	79	125919	20.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.60%
39) 2-Hexanone-d5	10.92	63	116237	39.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	282093	23.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	228389	24.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.92%

Target Compounds

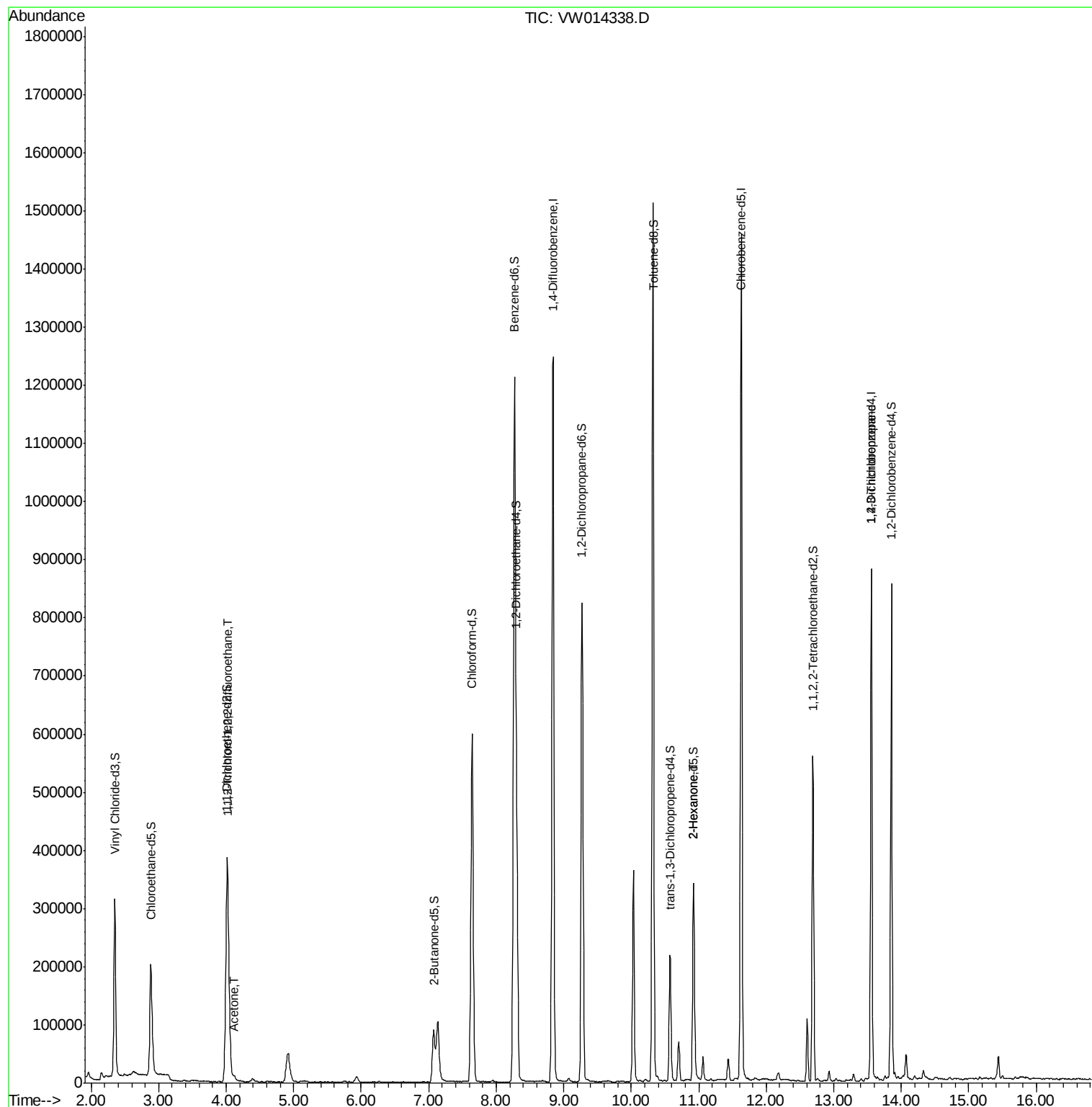
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	4986	0.353 ug/L #	17
13) Acetone	4.12	43	14027	3.440 ug/L	89
49) 2-Hexanone	10.92	43	18228	2.890 ug/L #	66
59) 1,2,3-Trichloropropane	13.56	75	27921	3.007 ug/L	96

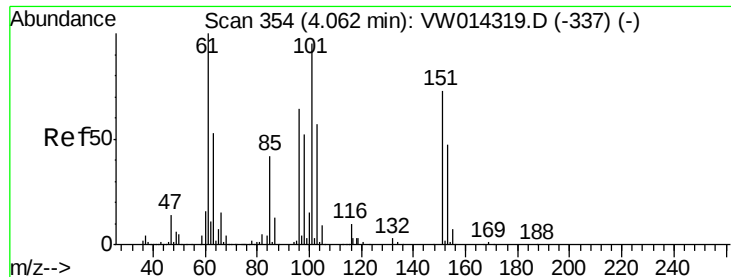
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

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

Concen: 0.353 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.04 min

Lab File: VW014338.D

Acq: 12 Dec 2019 20:33

Instrument :

MSVOA_W

ClientSampled :

C0C35

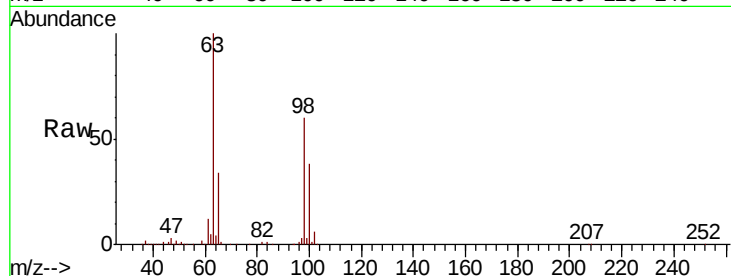
Tot Ion:101 Resp: 4986

Ion Ratio Lower Upper

101 100

85 0.0 31.4 47.2#

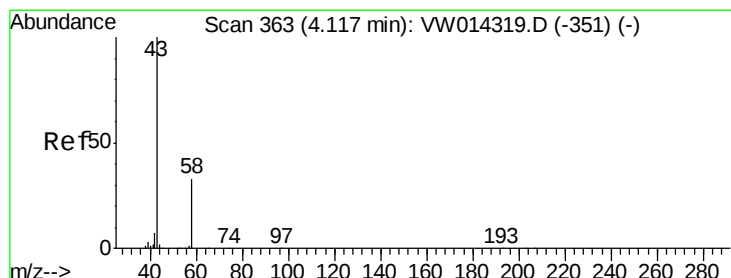
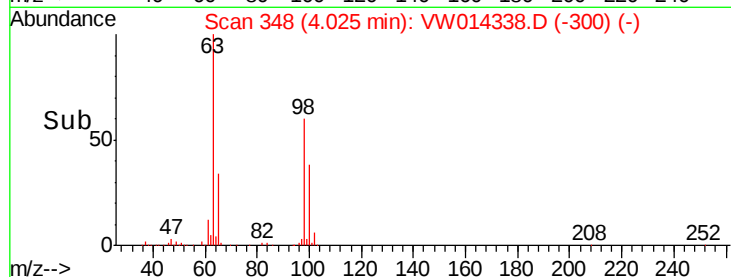
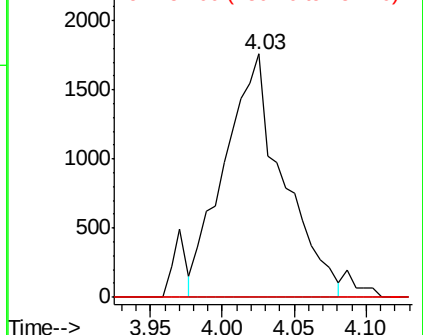
151 0.0 66.9 100.3#



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: 3.440 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014338.D

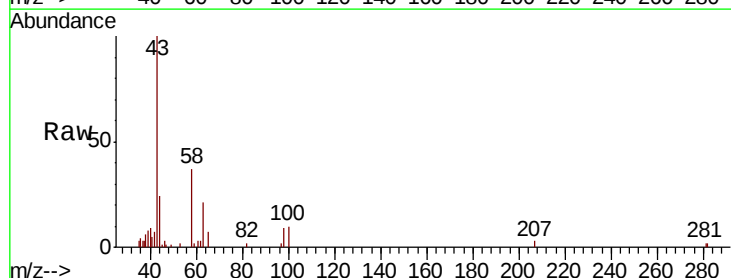
Acq: 12 Dec 2019 20:33

Tgt Ion: 43 Resp: 14027

Ion Ratio Lower Upper

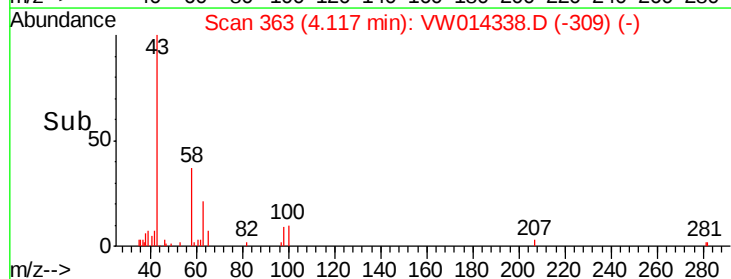
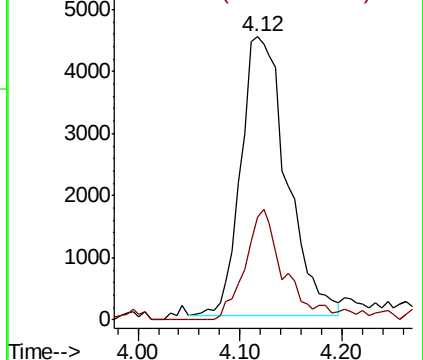
43 100

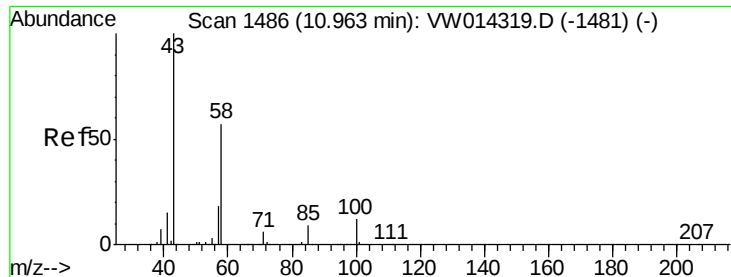
58 26.3 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#49

2-Hexanone

Concen: 2.890 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014338.D

Acq: 12 Dec 2019 20:33

Instrument :

MSVOA_W

ClientSampleId :

C0C35

Tot Ion: 43 Resp: 18228

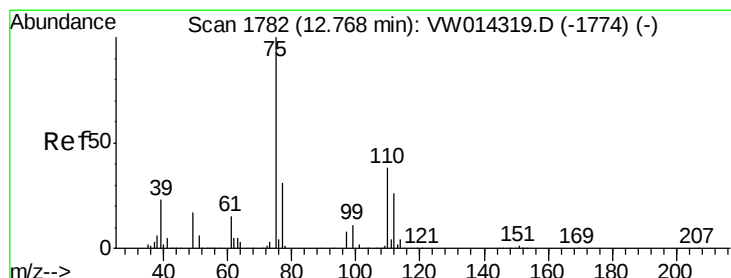
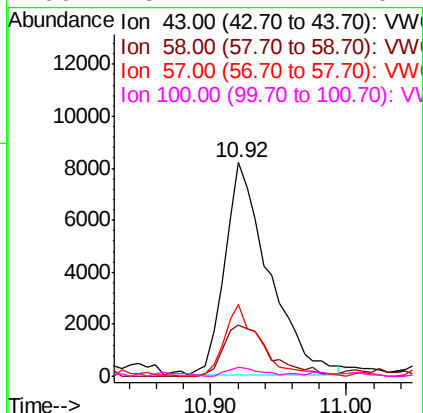
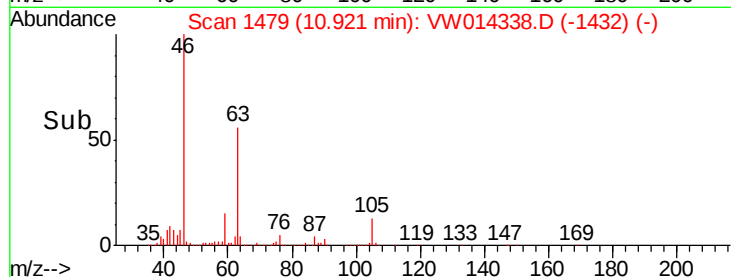
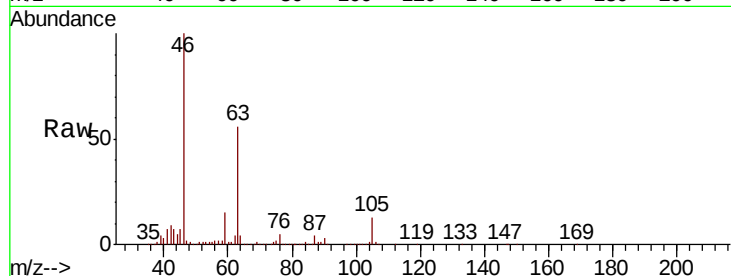
Ion Ratio Lower Upper

43 100

58 24.5 44.4 66.6#

57 27.3 16.5 24.7#

100 3.1 11.1 16.7#



#59

1,2,3-Trichloropropane

Concen: 3.007 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW014338.D

Acq: 12 Dec 2019 20:33

Tgt Ion: 75 Resp: 27921

Ion Ratio Lower Upper

75 100

77 34.7 25.9 38.9

