

Data File : VW014223.D
Acq On : 05 Dec 2019 19:42
Operator : SY/VA
Sample : K6149-06
Misc : 5.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBBL4

Quant Time: Dec 06 06:54:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 06 06:50:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1350265	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1207869	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	515061	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	488481	23.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.56%
7) Chloroethane-d5	2.89	69	347610	22.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.44%
10) 1,1-Dichloroethene-d2	4.01	63	644307	17.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.36%
20) 2-Butanone-d5	7.07	46	225269	42.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.56%
24) Chloroform-d	7.65	84	771937	22.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	8.30	65	409757	22.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.92%
29) Benzene-d6	8.27	84	1687602	23.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.36%
33) 1,2-Dichloropropane-d6	9.27	67	509636	23.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.60%
37) Toluene-d8	10.32	98	1505318	23.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.08%
38) trans-1,3-Dichloropropene-	10.57	79	203061	22.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.88%
39) 2-Hexanone-d5	10.92	63	177104	40.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	382505	21.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	480989	24.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.76%

Target Compounds

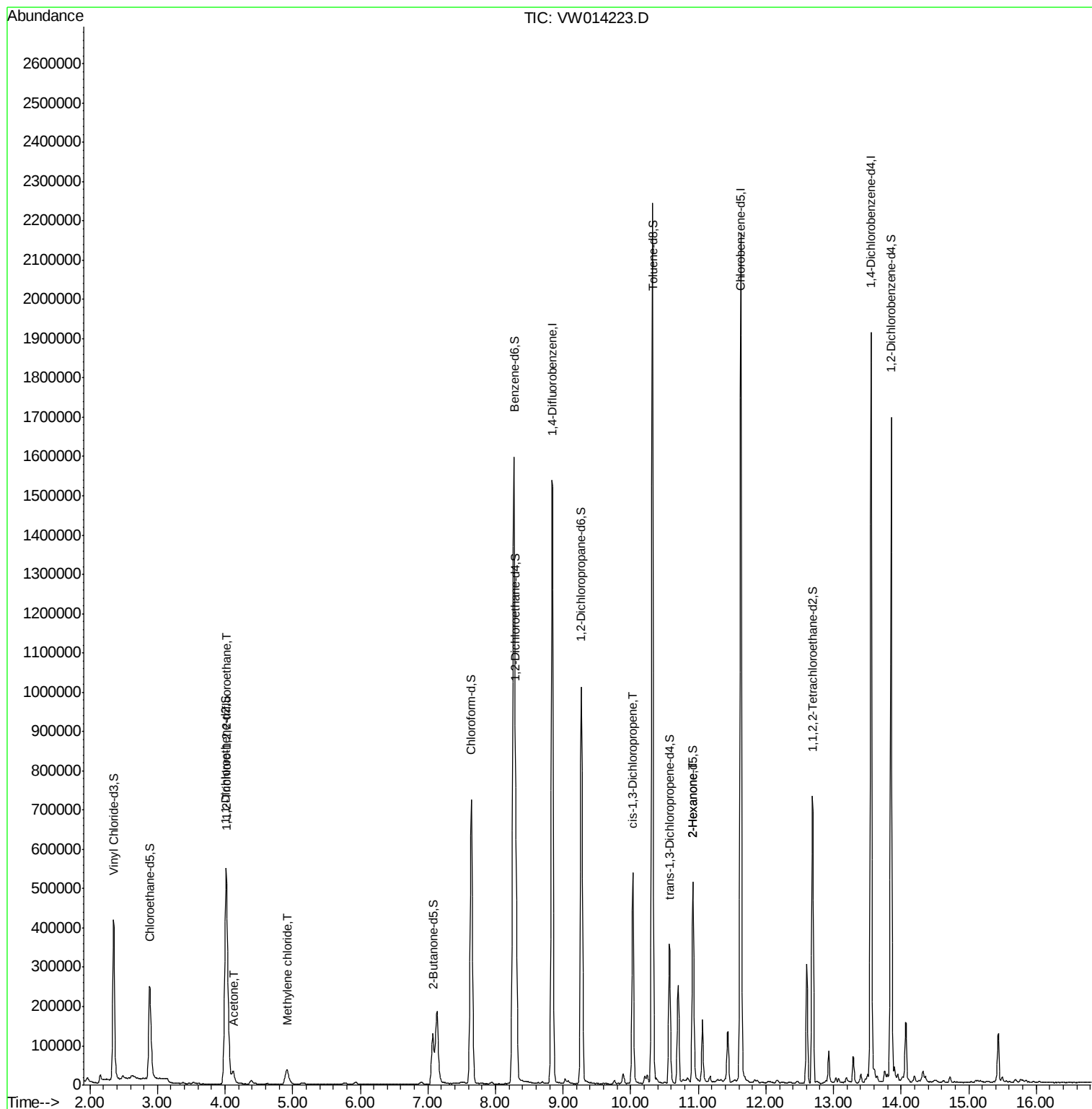
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	7726	0.434	ug/L #	17
13) Acetone	4.12	43	50258	9.783	ug/L	97
16) Methylene chloride	4.92	84	34001	1.643	ug/L	91
42) cis-1,3-Dichloropropene	10.03	75	11879	0.404	ug/L	90
49) 2-Hexanone	10.93	43	22008	2.386	ug/L #	68

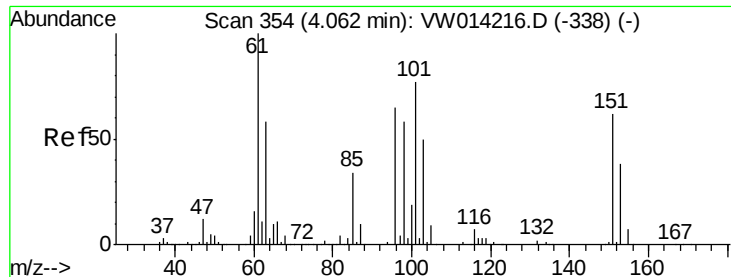
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 06 06:50:50 2019
Response via : Initial Calibration





#11

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

Concen: 0.434 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

DBBL4

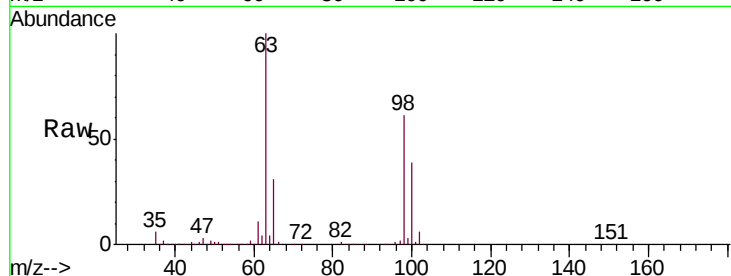
Tgt Ion: 101 Resp: 7726

Ion Ratio Lower Upper

101 100

85 0.4 31.4 47.2#

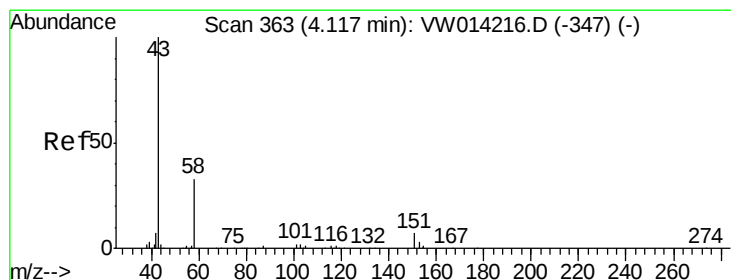
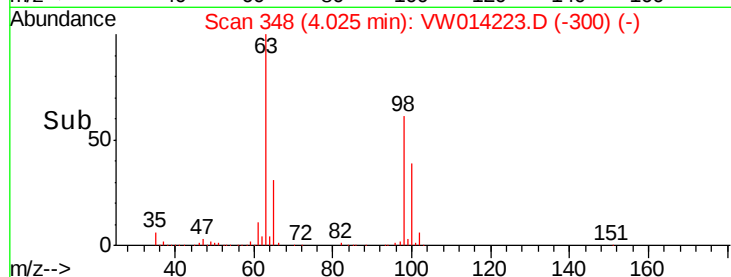
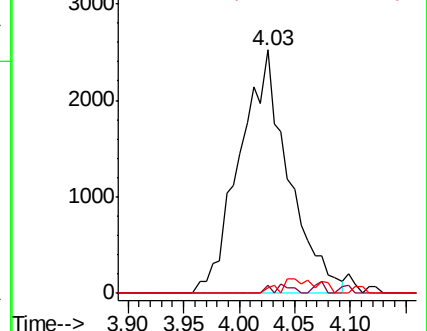
151 0.0 66.9 100.3#



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: 9.783 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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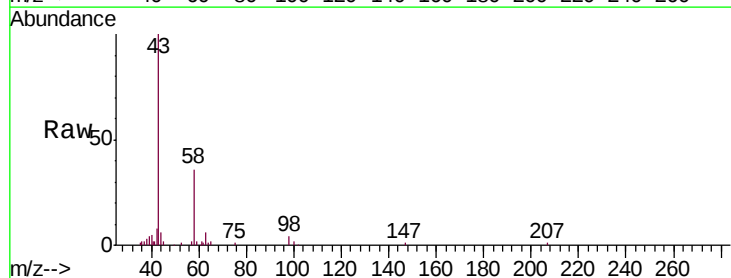
Acq: 05 Dec 2019 19:42

Tgt Ion: 43 Resp: 50258

Ion Ratio Lower Upper

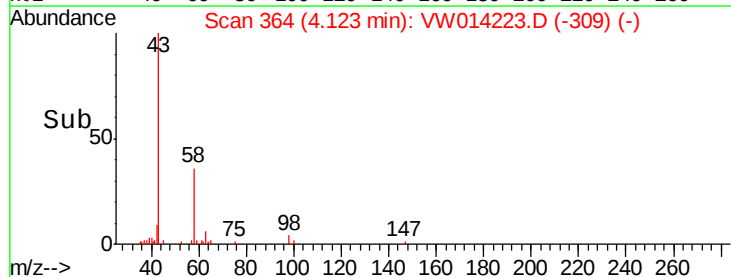
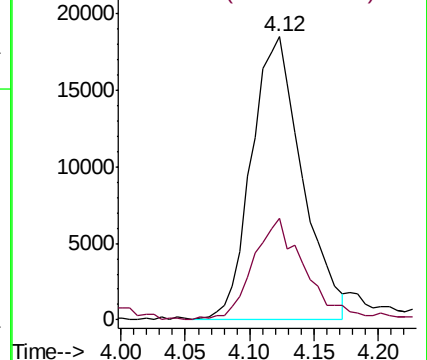
43 100

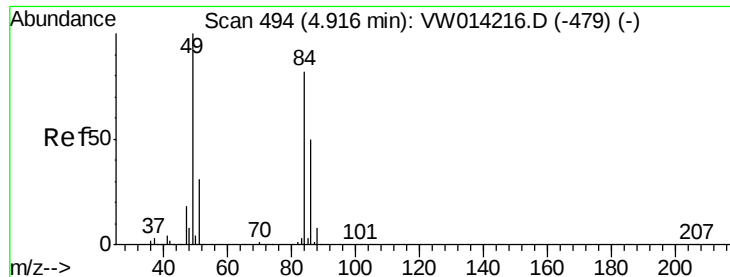
58 34.3 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

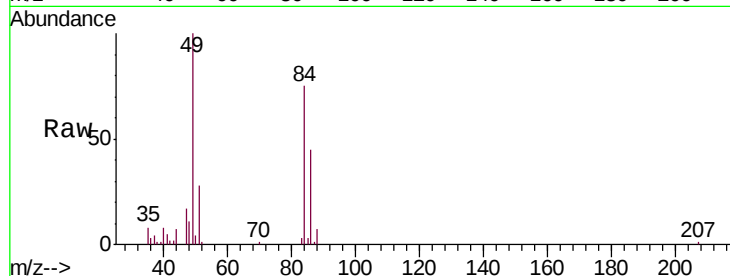




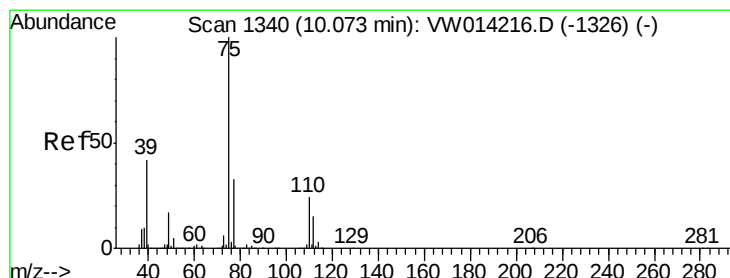
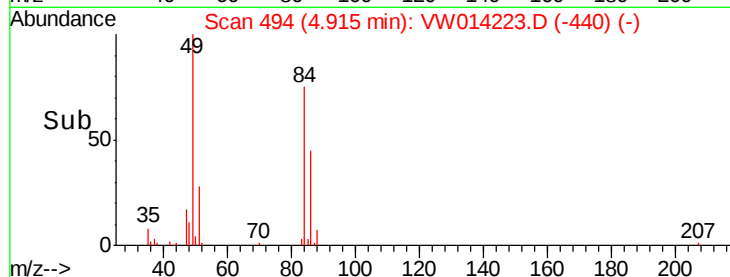
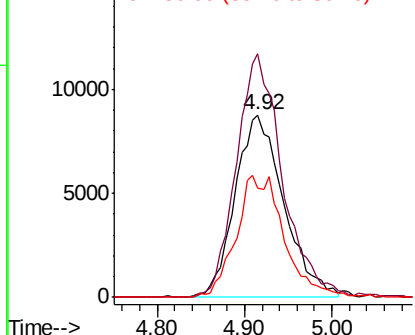
#16
Methylene chloride
Concen: 1.643 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW014223.D
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Instrument :
MSVOA_W
ClientSampled :
DBBL4

Tgt Ion: 84 Resp: 34001
Ion Ratio Lower Upper
84 100
49 133.2 84.2 156.4
86 59.8 43.7 81.1

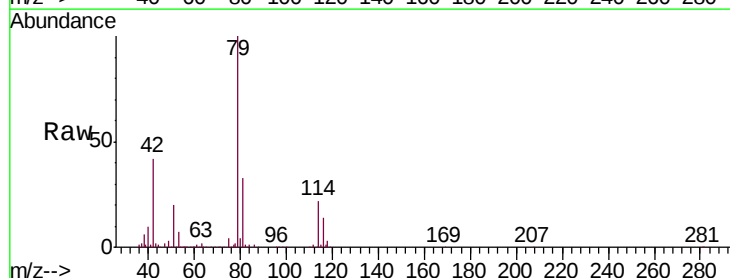


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

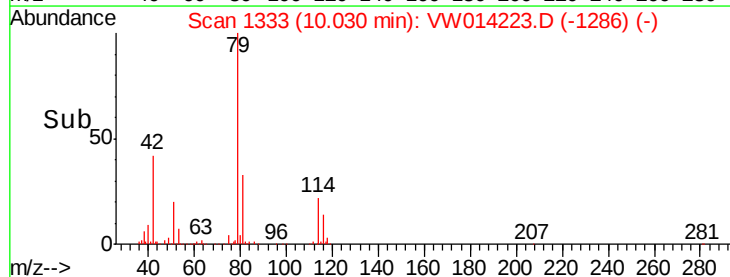
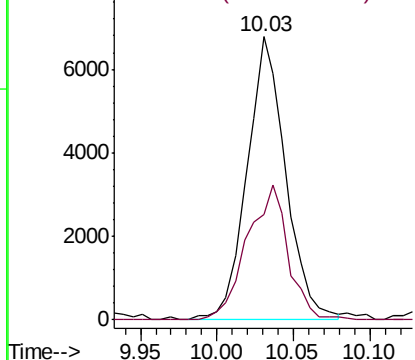


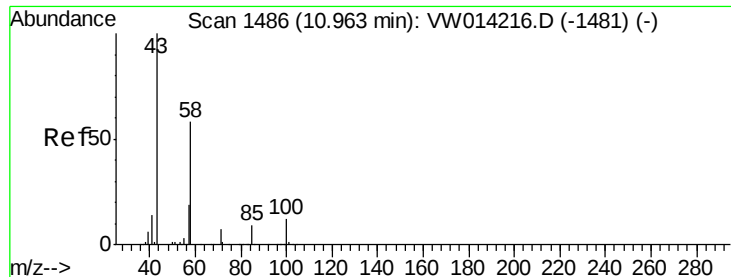
#42
cis-1,3-Dichloropropene
Concen: 0.404 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW014223.D
Acq: 05 Dec 2019 19:42

Tgt Ion: 75 Resp: 11879
Ion Ratio Lower Upper
75 100
77 37.4 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW





#49
 2-Hexanone
 Concen: 2.386 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW014223.D
 Acq: 05 Dec 2019 19:42

Instrument :
 MSVOA_W
 ClientSampleId :
 DBBL4

Tgt Ion: 43 Resp: 22008
 Ion Ratio Lower Upper
 43 100
 58 27.2 44.4 66.6#
 57 27.0 16.5 24.7#
 100 0.9 11.1 16.7#

