

Data File : VW014266.D
Acq On : 09 Dec 2019 15:51
Operator : SY/VA
Sample : K6171-04RE
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BS6

Quant Time: Dec 10 07:37:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 10 07:34:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1202964	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	954805	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	298467	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	412325	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.56%
7) Chloroethane-d5	2.88	69	318761	23.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.12%
10) 1,1-Dichloroethene-d2	4.01	63	548747	17.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.20%
20) 2-Butanone-d5	7.07	46	214814	45.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.50%
24) Chloroform-d	7.64	84	754189	24.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.48%
26) 1,2-Dichloroethane-d4	8.31	65	400005	24.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.64%
29) Benzene-d6	8.27	84	1563051	27.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.72%
33) 1,2-Dichloropropane-d6	9.27	67	507353	29.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.88%
37) Toluene-d8	10.32	98	1287516	25.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.76%
38) trans-1,3-Dichloropropene-	10.57	79	158295	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.68%
39) 2-Hexanone-d5	10.92	63	159999	46.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	367645	26.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	326196	28.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.40%

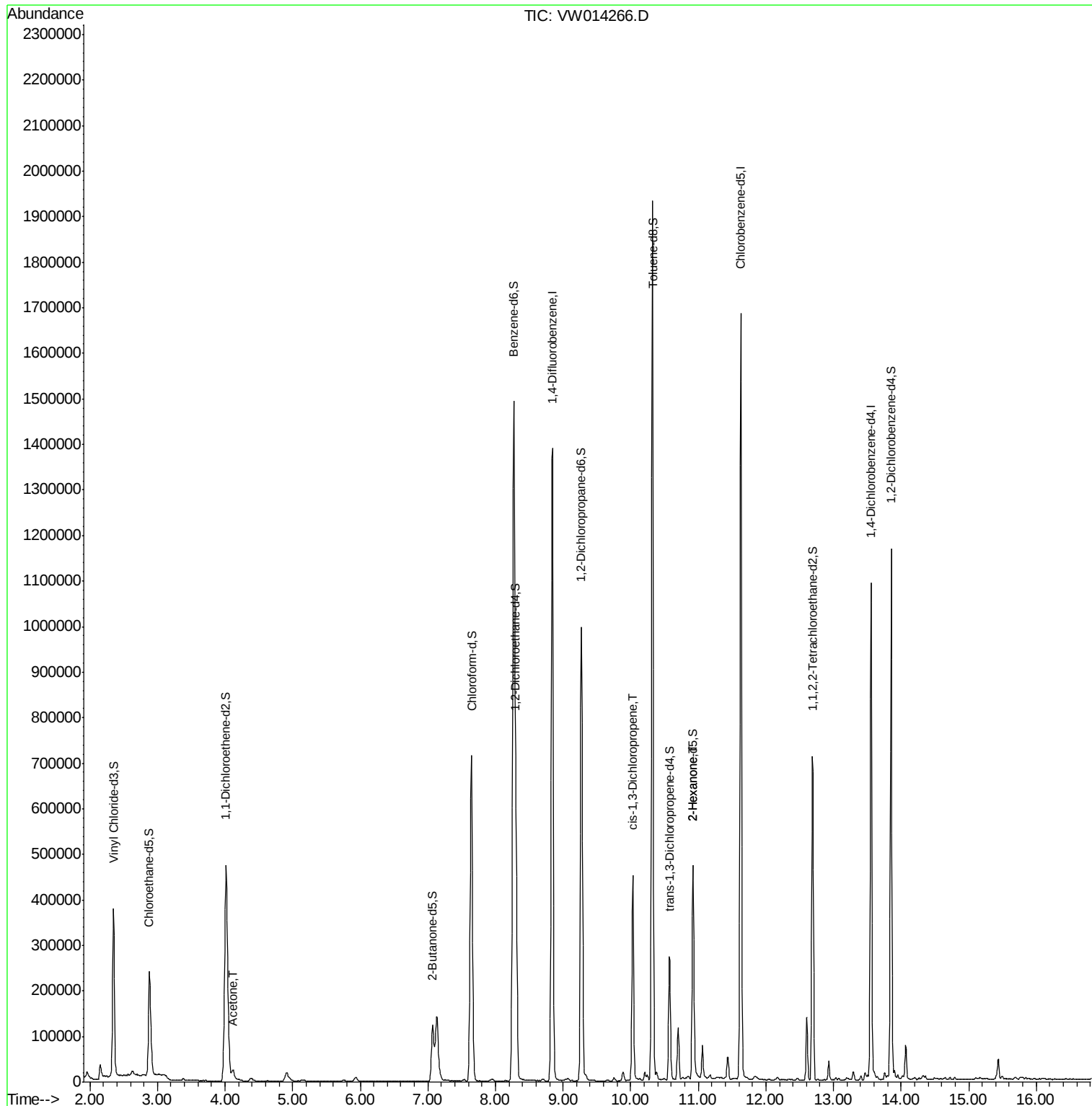
Target Compounds					Qvalue
13) Acetone	4.12	43	36210	7.912 ug/L	99
42) cis-1,3-Dichloropropene	10.03	75	10573	0.455 ug/L #	57
49) 2-Hexanone	10.92	43	22919	3.143 ug/L #	65

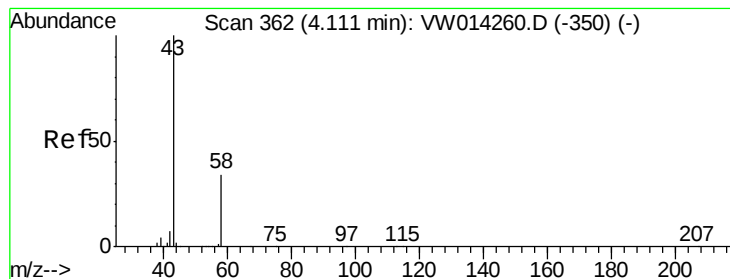
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.912 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

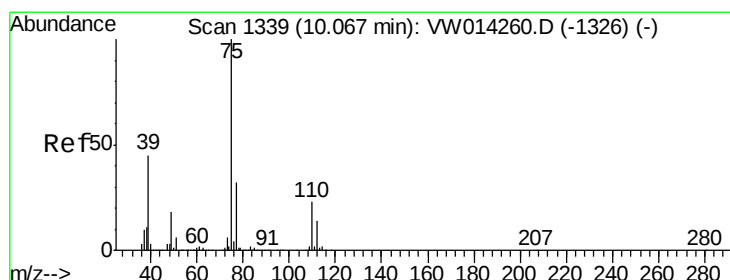
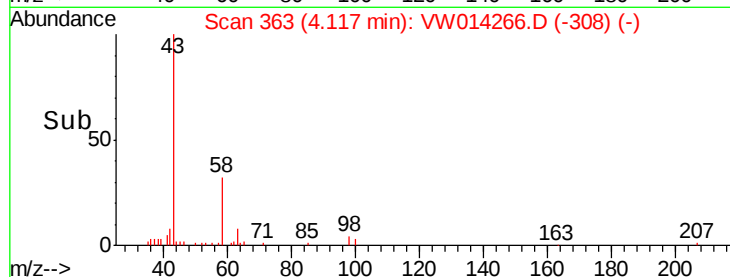
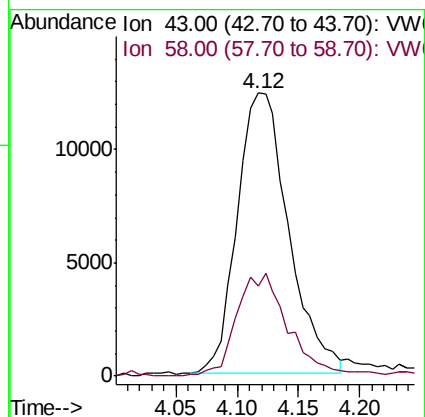
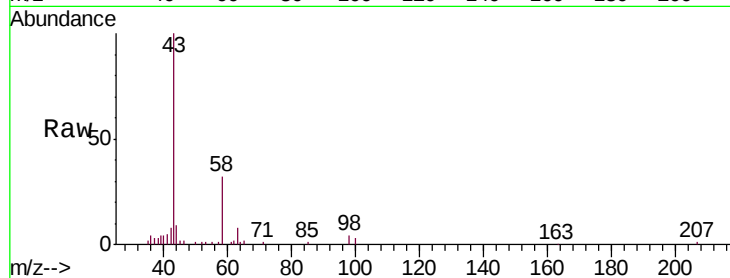
C0BS6

Tgt Ion: 43 Resp: 36210

Ion Ratio Lower Upper

43 100

58 31.9 0.0 65.4



#42

cis-1,3-Dichloropropene

Concen: 0.455 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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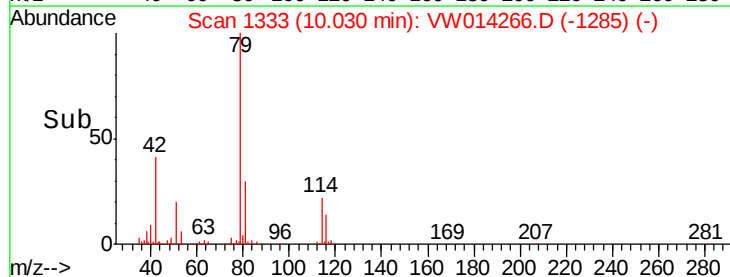
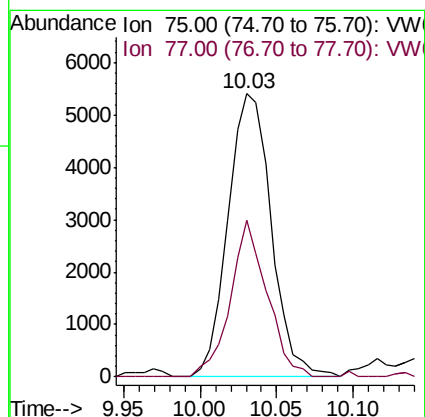
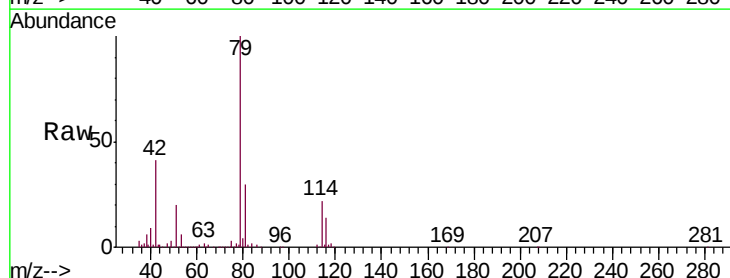
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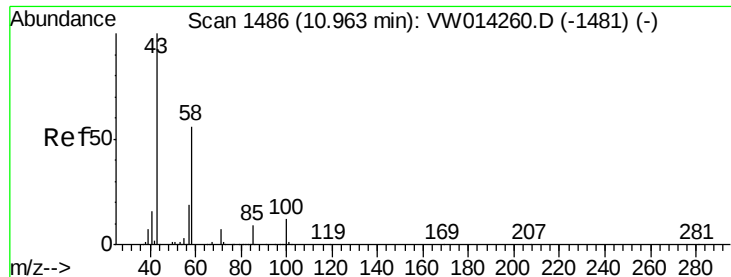
Tgt Ion: 75 Resp: 10573

Ion Ratio Lower Upper

75 100

77 55.4 22.1 41.1#





#49

2-Hexanone

Concen: 3.143 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

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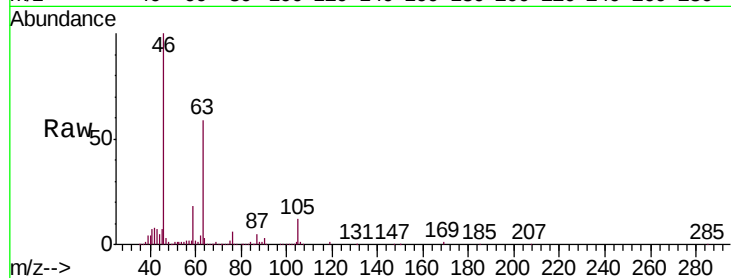
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Instrument :

MSVOA_W

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Tgt Ion:	43	Resp:	22919
Ion	Ratio	Lower	Upper
43	100		
58	24.3	44.4	66.6#
57	28.7	16.5	24.7#
100	3.0	11.1	16.7#

