

Data File : VW014921.D
Acq On : 07 Feb 2020 15:38
Operator : SY/VA
Sample : L1415-02
Misc : 5.77G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F3S21

Quant Time: Feb 08 04:03:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 08 03:59:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	719355	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	682733	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	259290	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	230696	19.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.48%
7) Chloroethane-d5	2.89	69	231928	24.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.32%
10) 1,1-Dichloroethene-d2	4.02	63	354903	16.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.24%
20) 2-Butanone-d5	7.07	46	161757	48.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.80%
24) Chloroform-d	7.65	84	540792	26.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.92%
26) 1,2-Dichloroethane-d4	8.31	65	312457	27.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.56%
29) Benzene-d6	8.27	84	1036466	23.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.44%
33) 1,2-Dichloropropane-d6	9.27	67	370571	25.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.60%
37) Toluene-d8	10.32	98	887189	22.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.84%
38) trans-1,3-Dichloropropene-	10.57	79	120176	21.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.08%
39) 2-Hexanone-d5	10.92	63	116007	44.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	261832	24.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	264564	26.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.24%

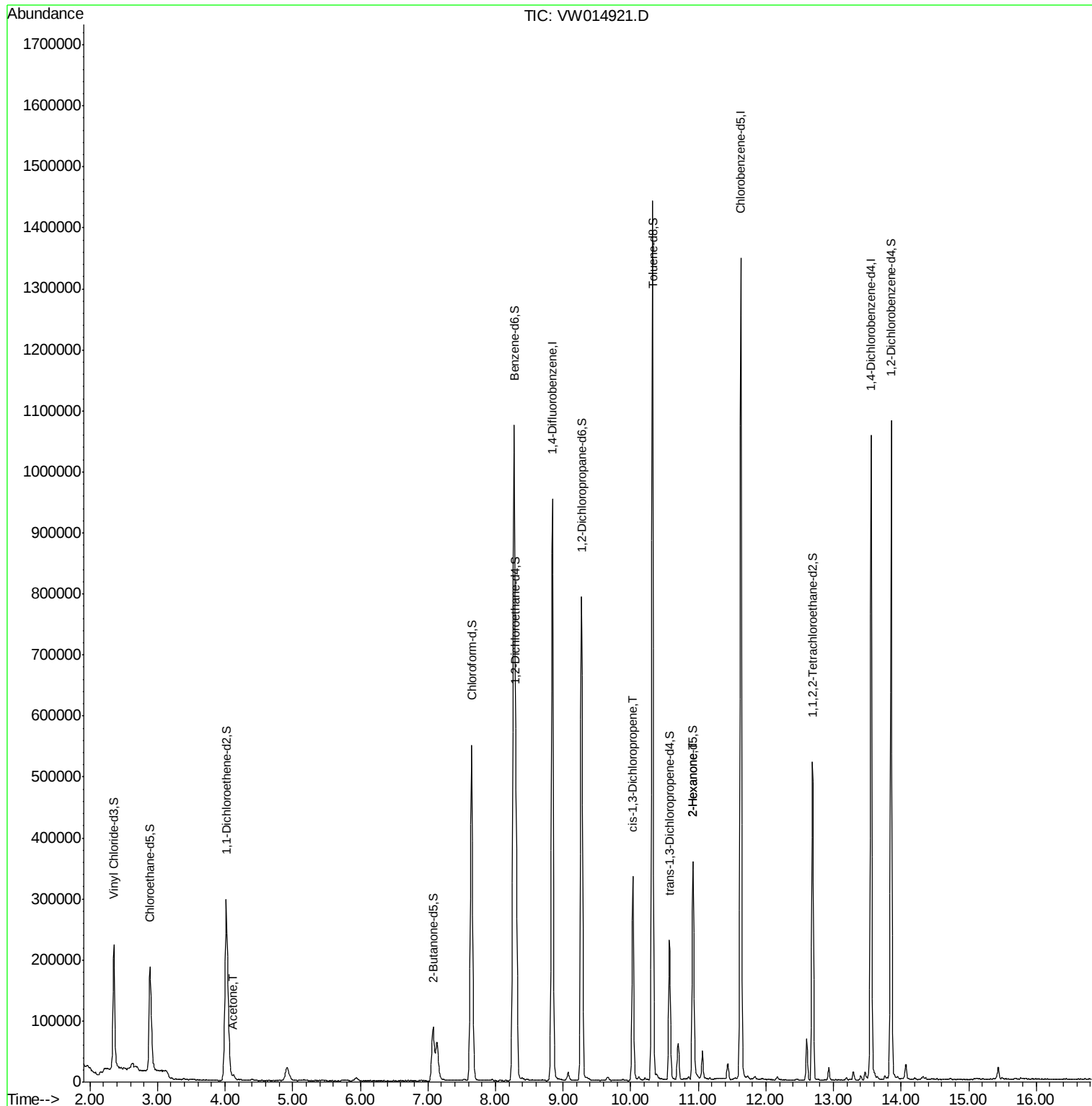
Target Compounds					Qvalue
13) Acetone	4.12	43	10954	3.175 ug/L	77
42) cis-1,3-Dichloropropene	10.03	75	8444	0.473 ug/L #	59
49) 2-Hexanone	10.92	43	17220	2.976 ug/L #	69

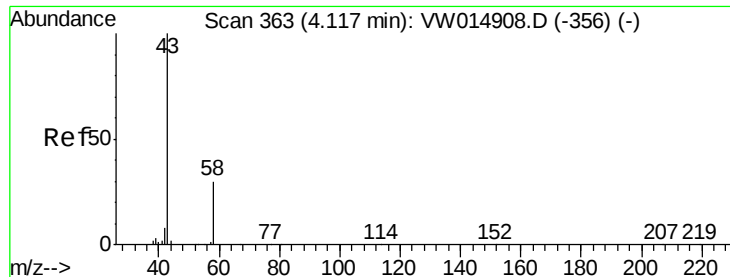
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.175 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

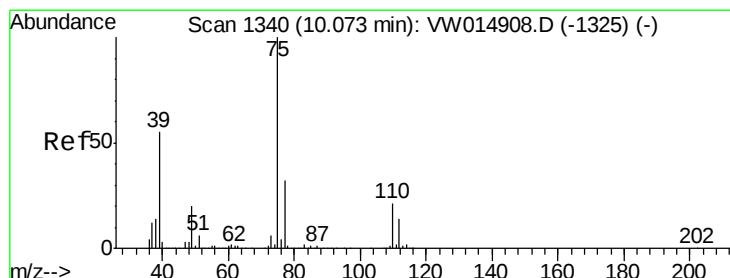
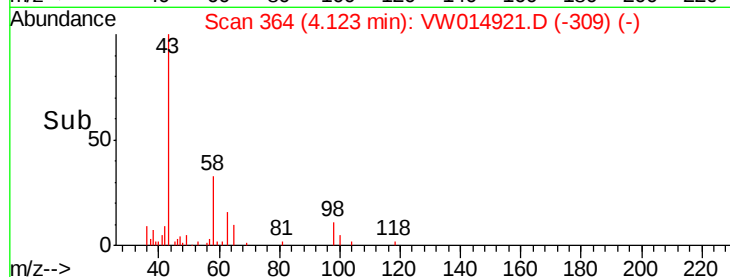
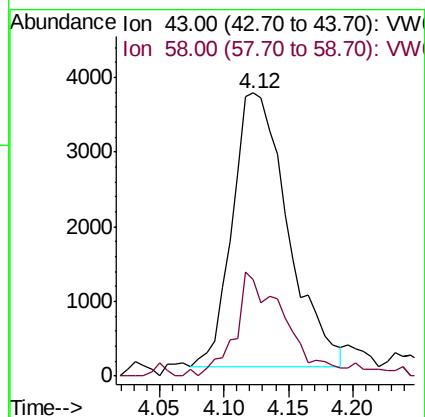
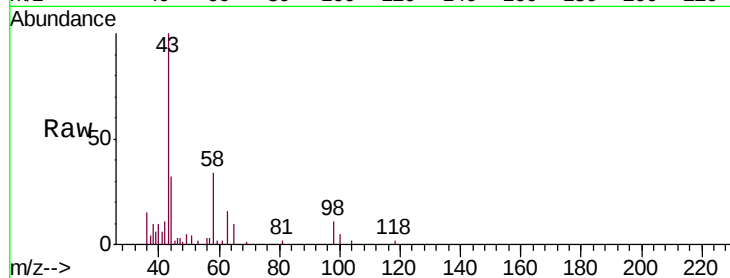
F3S21

Tgt Ion: 43 Resp: 10954

Ion Ratio Lower Upper

43 100

58 17.5 0.0 60.4



#42

cis-1,3-Dichloropropene

Concen: 0.473 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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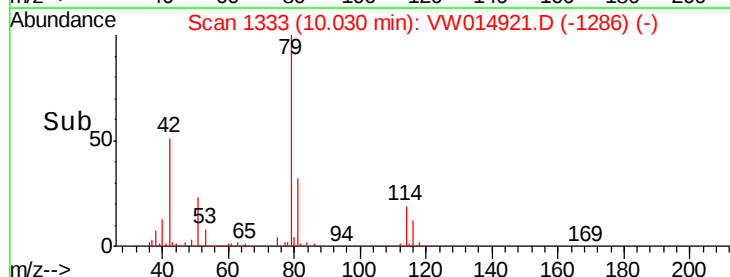
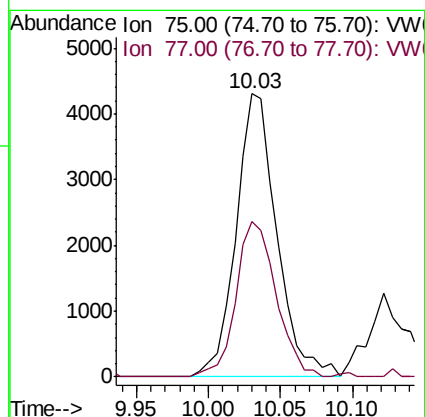
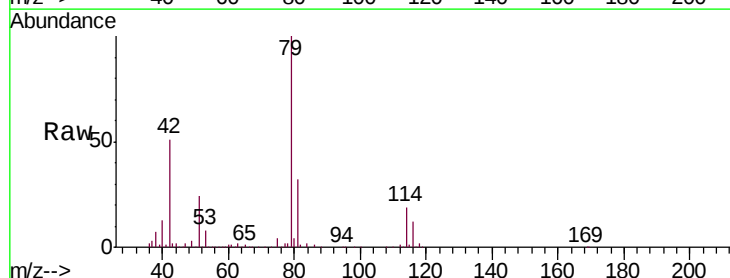
Acq: 07 Feb 2020 15:38

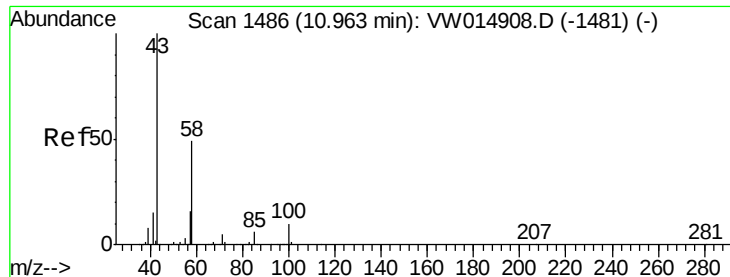
Tgt Ion: 75 Resp: 8444

Ion Ratio Lower Upper

75 100

77 54.9 22.5 41.9#





#49

2-Hexanone

Concen: 2.976 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014921.D

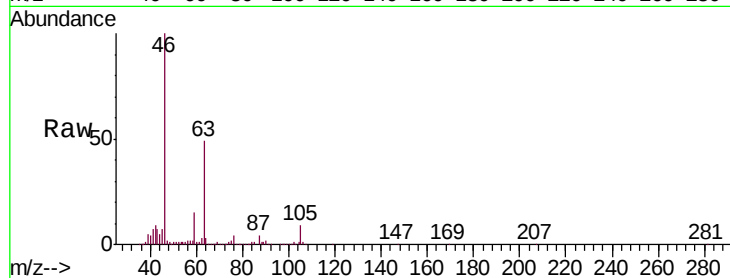
Acq: 07 Feb 2020 15:38

Instrument :

MSVOA_W

ClientSampleId :

F3S21



Tgt Ion: 43 Resp: 17220

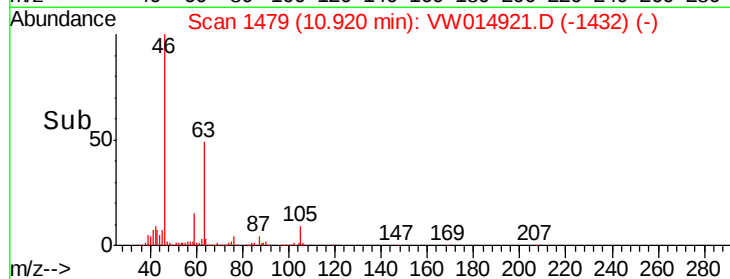
Ion Ratio Lower Upper

43 100

58 30.3 42.2 63.2#

57 34.0 14.5 21.7#

100 4.2 8.6 12.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

