

Data File : VW014928.D
Acq On : 07 Feb 2020 18:41
Operator : SY/VA
Sample : L1415-09
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F3S28

Quant Time: Feb 08 04:03:56 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	812166	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	768691	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	295256	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	221181	16.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.80%
7) Chloroethane-d5	2.89	69	220463	20.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.92%
10) 1,1-Dichloroethene-d2	4.02	63	347847	14.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.64%
20) 2-Butanone-d5	7.07	46	154600	40.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.94%
24) Chloroform-d	7.65	84	521144	22.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	8.31	65	303992	23.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.28%
29) Benzene-d6	8.27	84	1004381	20.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.28%
33) 1,2-Dichloropropane-d6	9.27	67	360238	22.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.44%
37) Toluene-d8	10.32	98	853880	19.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.52%
38) trans-1,3-Dichloropropene-	10.57	79	116808	18.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.44%
39) 2-Hexanone-d5	10.92	63	111294	37.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	252464	20.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	255549	22.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.28%

Target Compounds

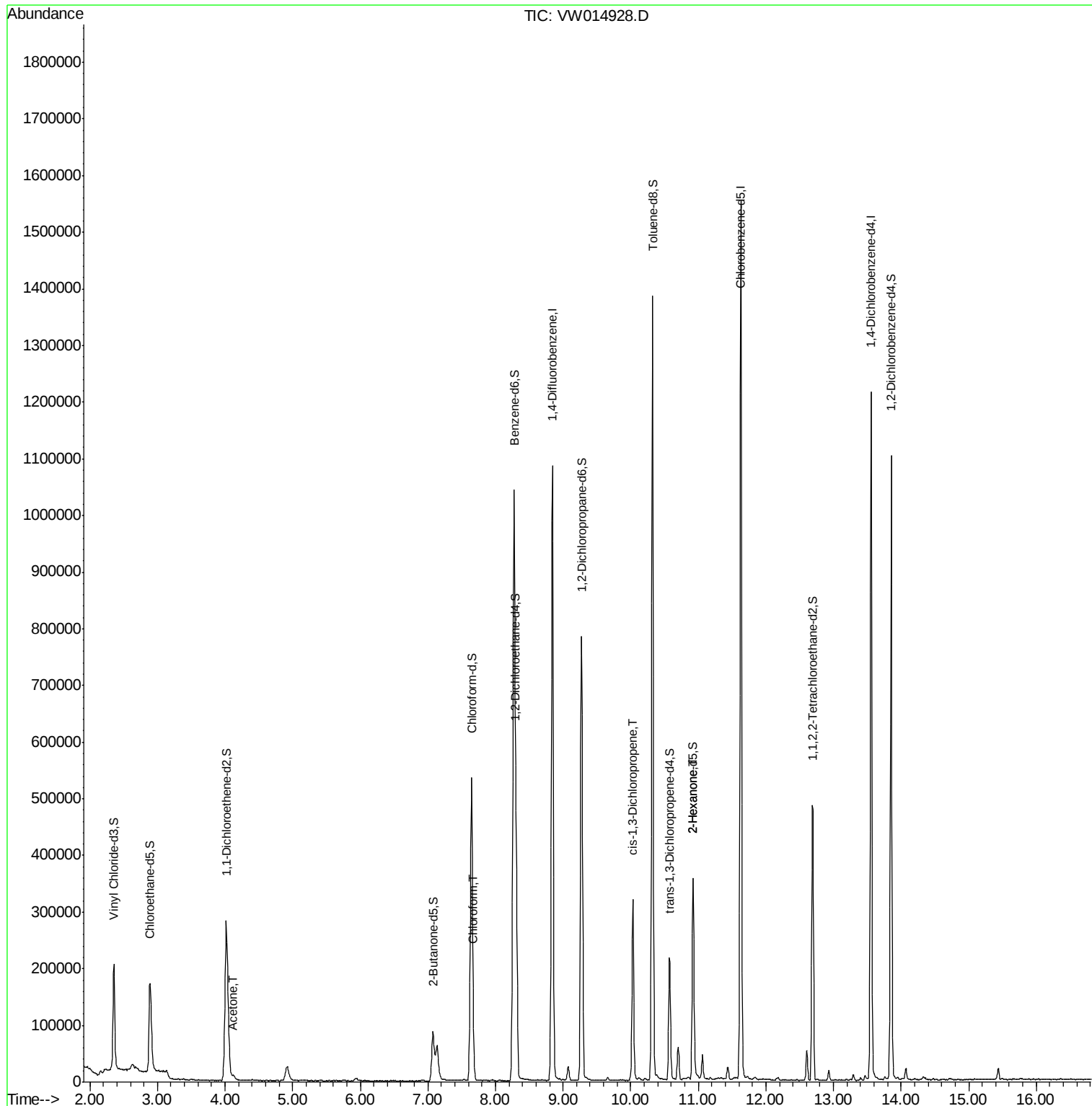
					Qvalue
13) Acetone	4.12	43	10572	2.714 ug/L	91
25) Chloroform	7.68	83	9159	0.422 ug/L #	18
42) cis-1,3-Dichloropropene	10.03	75	8048	0.401 ug/L #	81
49) 2-Hexanone	10.92	43	17233	2.645 ug/L #	69

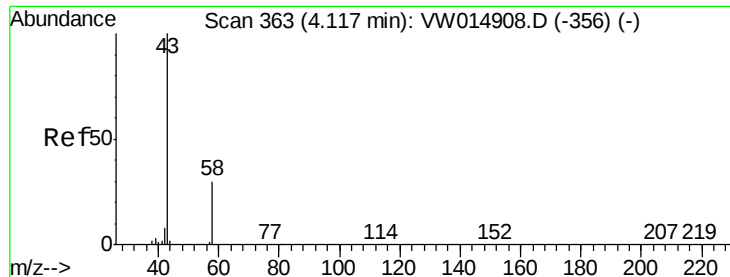
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.714 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

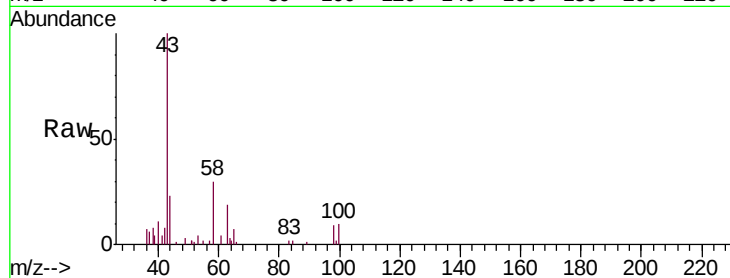
F3S28

Tgt Ion: 43 Resp: 10572

Ion Ratio Lower Upper

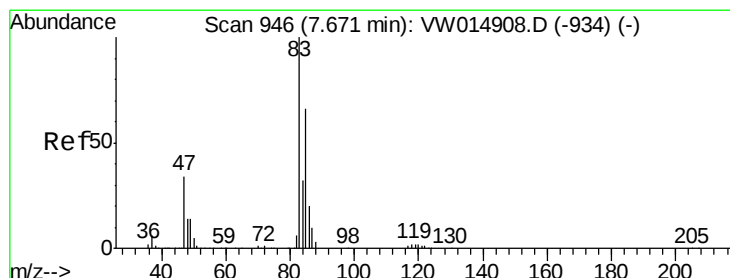
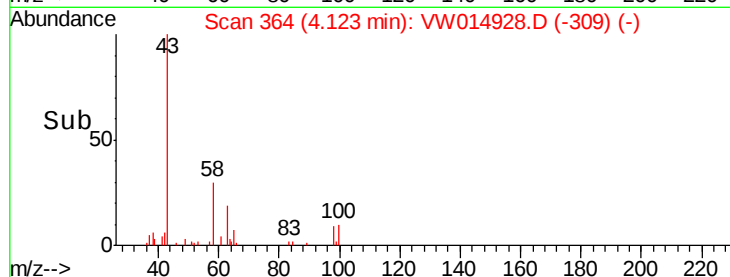
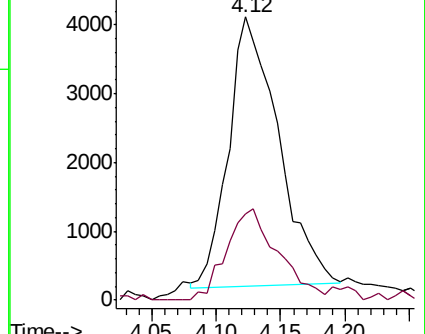
43 100

58 35.0 0.0 60.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#25

Chloroform

Concen: 0.422 ug/L

RT: 7.68 min Scan# 947

Delta R.T. 0.01 min

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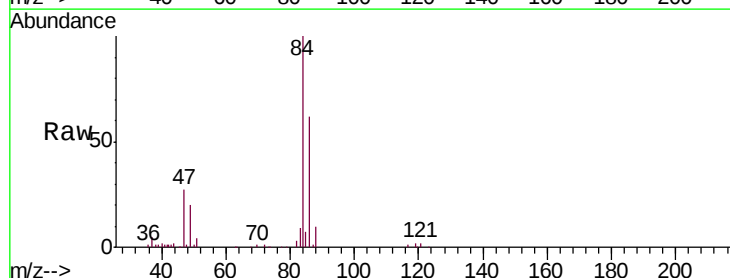
Acq: 07 Feb 2020 18:41

Tgt Ion: 83 Resp: 9159

Ion Ratio Lower Upper

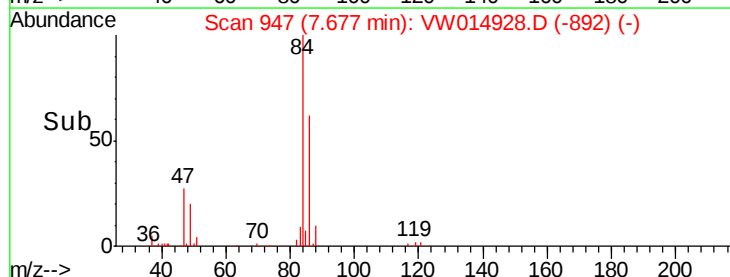
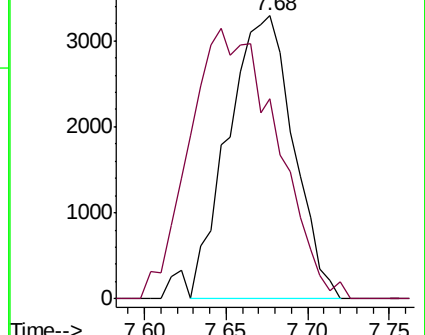
83 100

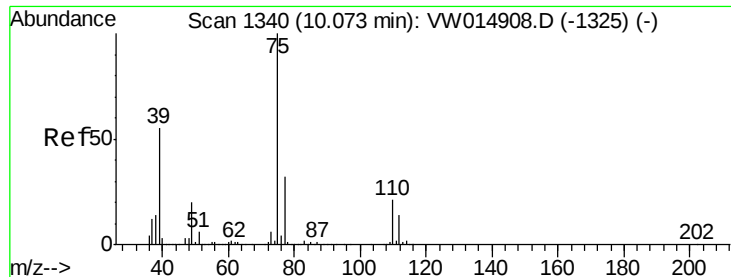
85 0.0 45.4 84.4#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.401 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampled :

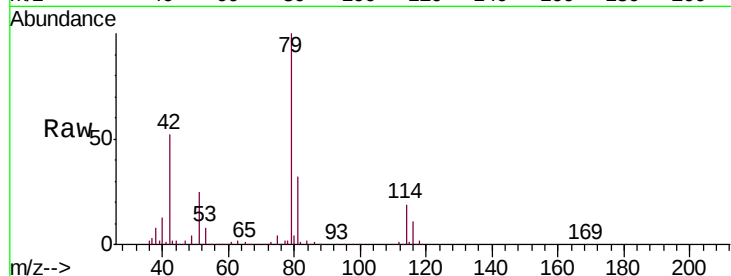
F3S28

Tgt Ion: 75 Resp: 8048

Ion Ratio Lower Upper

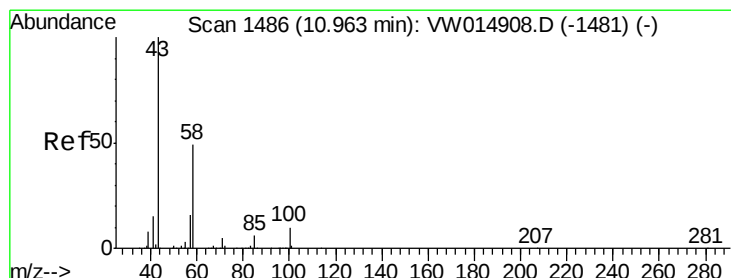
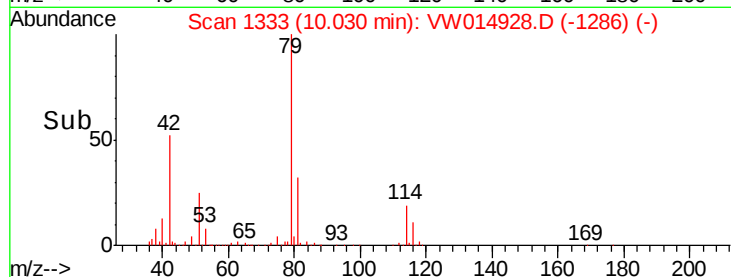
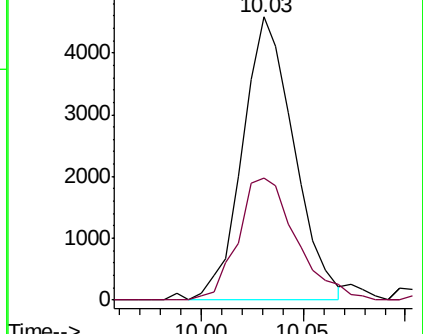
75 100

77 42.9 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#49

2-Hexanone

Concen: 2.645 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 17233

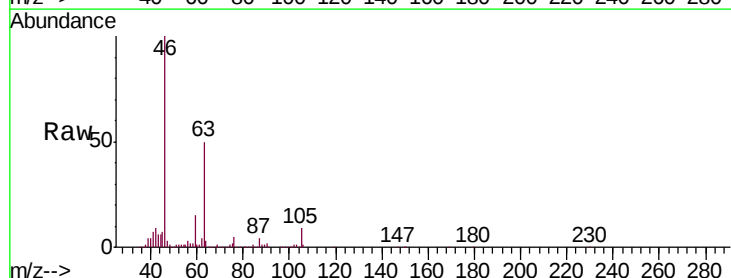
Ion Ratio Lower Upper

43 100

58 29.0 42.2 63.2#

57 33.8 14.5 21.7#

100 5.2 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

