

Data File : VW013548.D
Acq On : 11 Oct 2019 19:40
Operator : SY/VA
Sample : K5262-17
Misc : 3.83G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB78

Quant Time: Oct 11 22:35:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 11 22:30:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	287146	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	175423	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	38876	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	72464	22.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.20%
7) Chloroethane-d5	2.89	69	67325	26.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.72%
10) 1,1-Dichloroethene-d2	4.01	63	109932	16.12	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.48%
20) 2-Butanone-d5	7.08	46	36294	36.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.32%
24) Chloroform-d	7.65	84	181543	29.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	116.44%
26) 1,2-Dichloroethane-d4	8.42	65	74	0.02	ug/L	0.12
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	337148	35.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	143.52%#
33) 1,2-Dichloropropane-d6	9.27	67	114016	40.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	163.60%#
37) Toluene-d8	10.32	98	250094	28.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.16%
38) trans-1,3-Dichloropropene-	10.58	79	24203	19.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.96%
39) 2-Hexanone-d5	10.93	63	26670	47.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82966	37.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	148.48%#
61) 1,2-Dichlorobenzene-d4	13.85	152	37054	26.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.08%

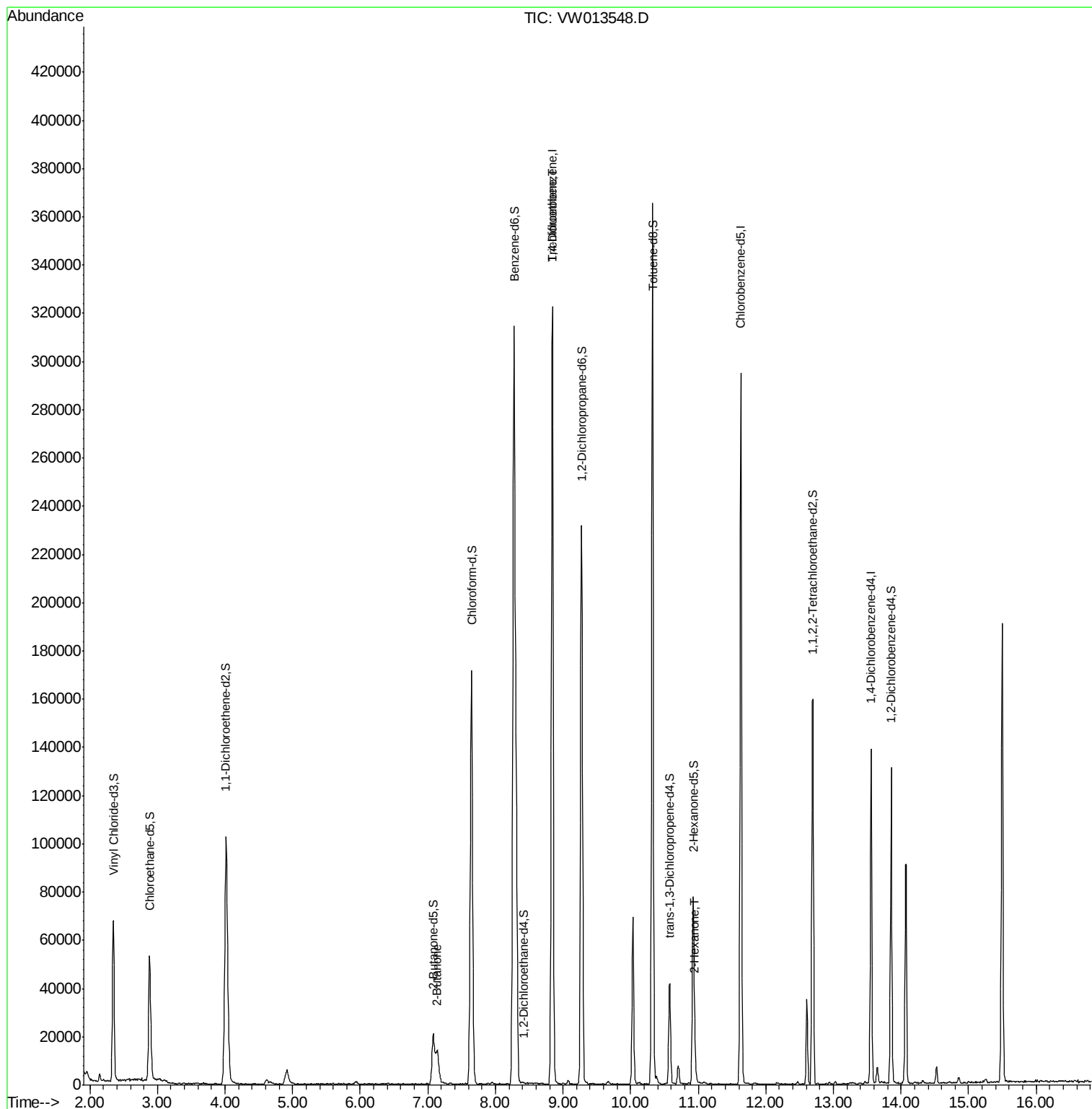
Target Compounds					Qvalue
21) 2-Butanone	7.15	43	16610	11.934 ug/L #	48
35) Trichloroethene	8.84	95	8023	2.902 ug/L #	2
49) 2-Hexanone	10.95	43	5731	4.427 ug/L #	41

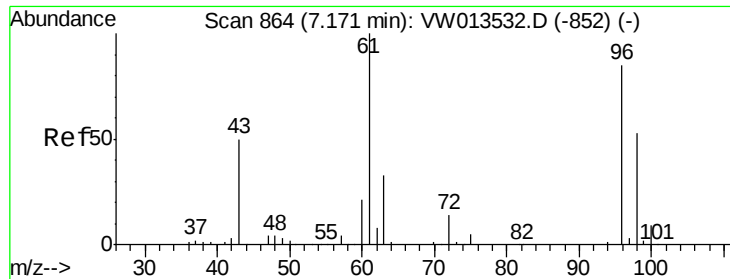
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 11.934 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

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Instrument :

MSVOA_W

ClientSampled :

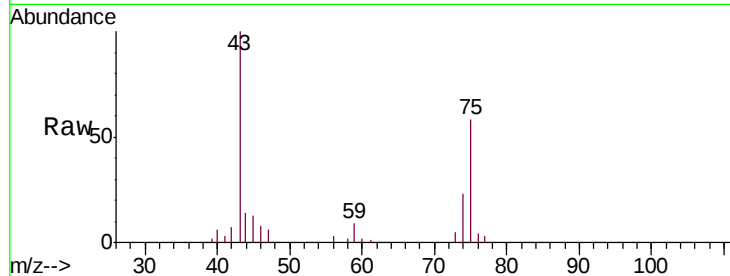
BFB78

Tgt Ion: 43 Resp: 16610

Ion Ratio Lower Upper

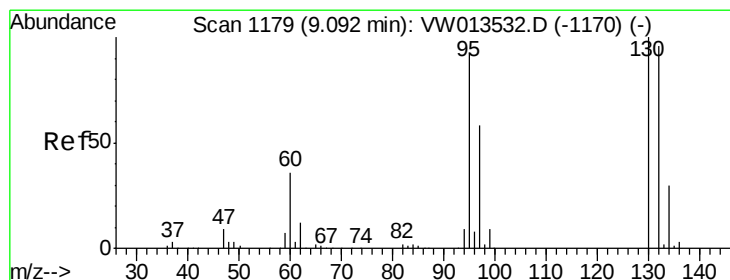
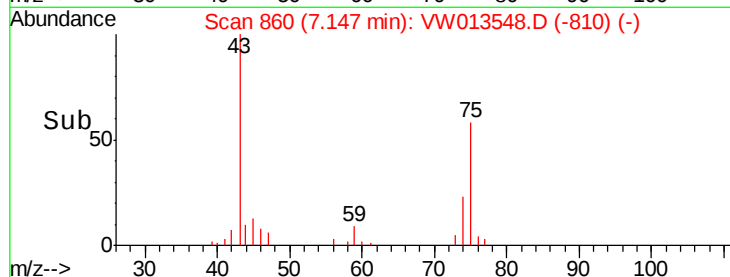
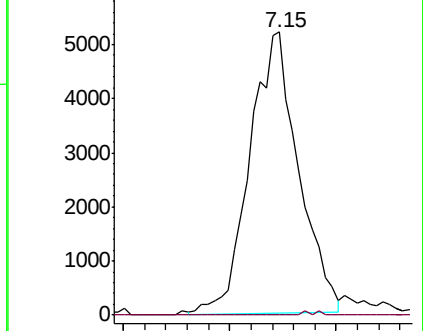
43 100

72 0.2 13.5 40.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#35

Trichloroethene

Concen: 2.902 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW013548.D

Acq: 11 Oct 2019 19:40

Tgt Ion: 95 Resp: 8023

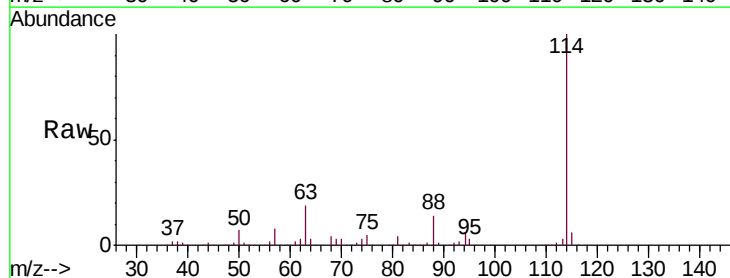
Ion Ratio Lower Upper

95 100

97 0.5 45.1 83.7#

132 0.8 73.6 136.8#

130 0.0 76.3 141.7#

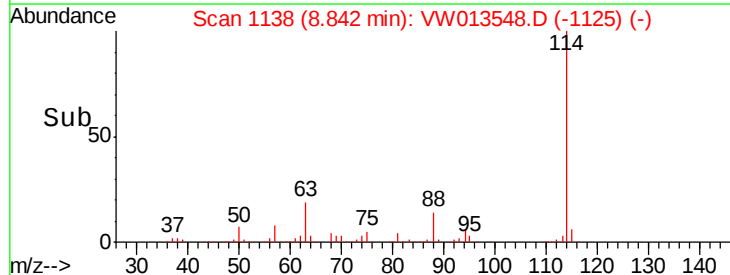
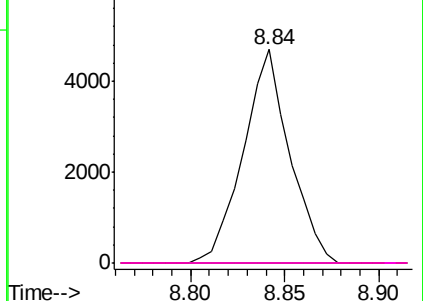


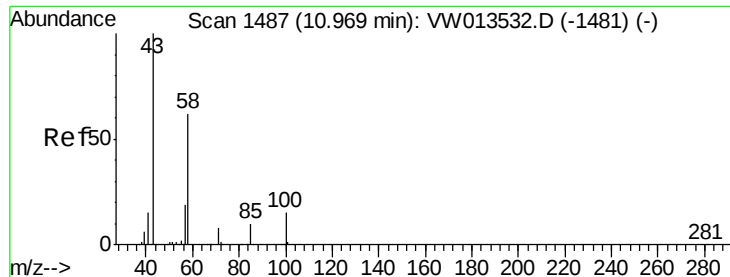
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#49

2-Hexanone

Concen: 4.427 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

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Tgt Ion: 43 Resp: 5731

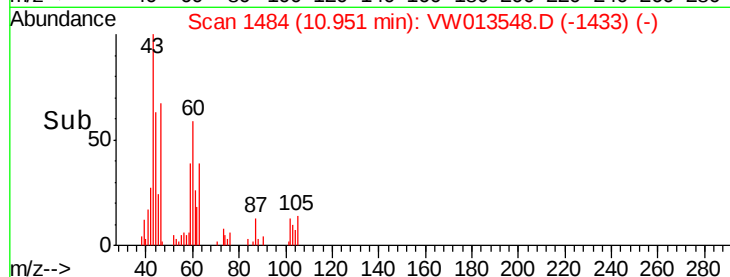
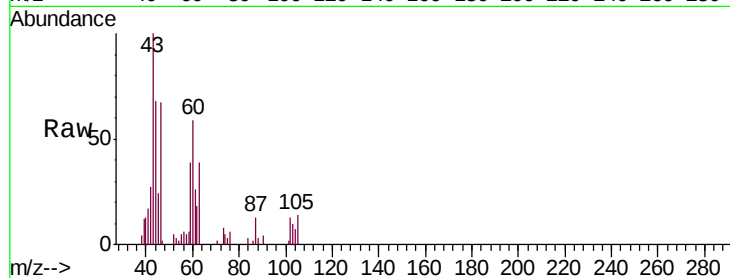
Ion Ratio Lower Upper

43 100

58 4.7 45.2 67.8#

57 0.0 15.8 23.8#

100 0.0 11.0 16.6#



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

