

Data File : VW011237.D
Acq On : 12 Jul 2019 13:58
Operator : SY/VA
Sample : K3760-14
Misc : 5.22G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8Z4

Quant Time: Jul 13 05:35:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 05:32:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	288545	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	209365	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	62285	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	83885	19.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.16%
7) Chloroethane-d5	2.89	69	66323	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.84%
10) 1,1-Dichloroethene-d2	4.01	63	149462	16.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.08%
20) 2-Butanone-d5	7.07	46	66352	38.23	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.46%
24) Chloroform-d	7.65	84	192092	24.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.16%
26) 1,2-Dichloroethane-d4	8.31	65	115688	23.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.00%
29) Benzene-d6	8.27	84	382719	29.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.68%
33) 1,2-Dichloropropane-d6	9.27	67	130425	31.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.20%#
37) Toluene-d8	10.32	98	303253	26.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.52%
38) trans-1,3-Dichloropropene-	10.58	79	37021	20.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.92%
39) 2-Hexanone-d5	10.93	63	33567	34.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	77301	22.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	53758	22.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.96%

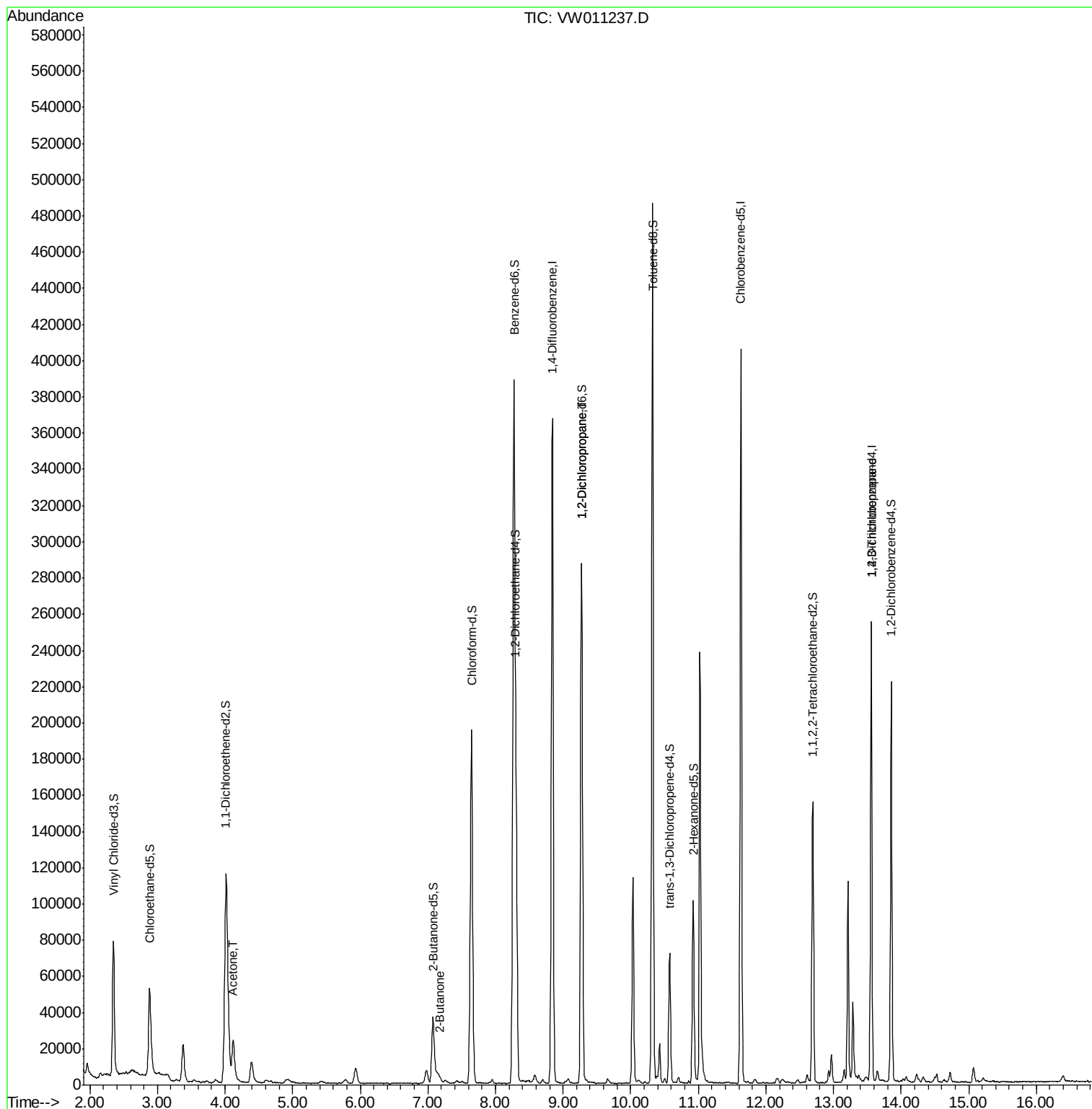
Target Compounds					Qvalue
13) Acetone	4.12	43	41956	24.749 ug/L	100
21) 2-Butanone	7.18	43	3665	1.675 ug/L #	74
40) 1,2-Dichloropropane	9.27	63	15133	4.221 ug/L #	88
59) 1,2,3-Trichloropropane	13.56	75	8878	3.500 ug/L	93

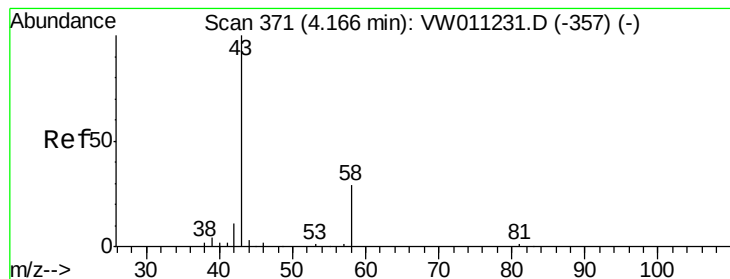
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 24.749 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampled :

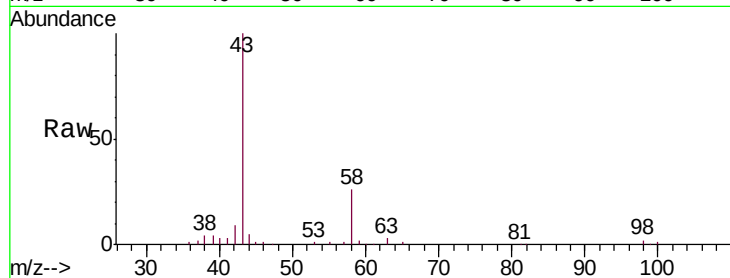
DB8Z4

Tgt Ion: 43 Resp: 41956

Ion Ratio Lower Upper

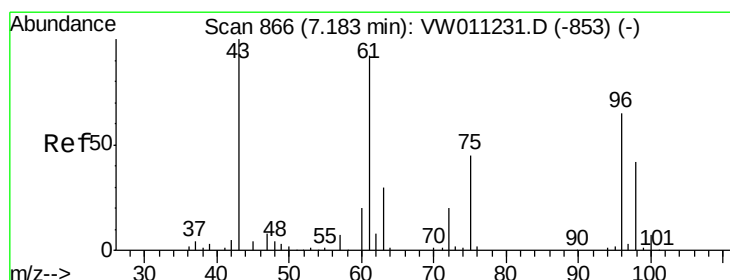
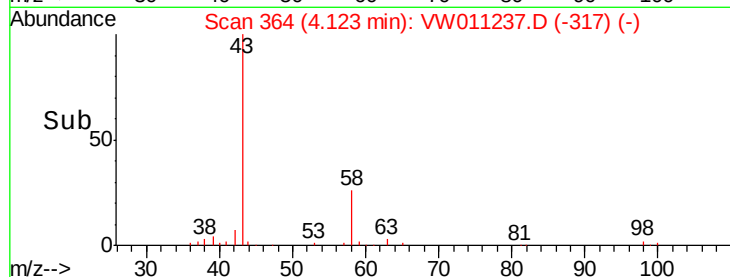
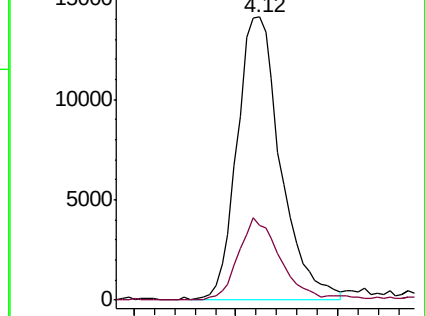
43 100

58 27.3 0.0 55.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 1.675 ug/L

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

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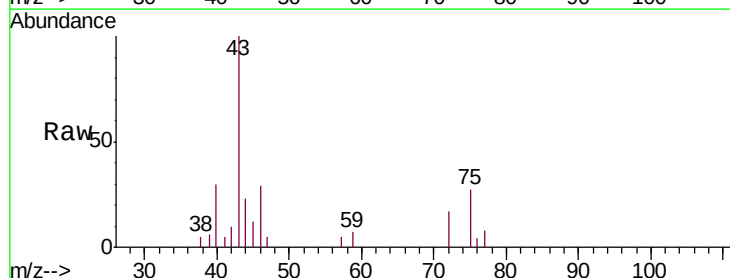
Acq: 12 Jul 2019 13:58

Tgt Ion: 43 Resp: 3665

Ion Ratio Lower Upper

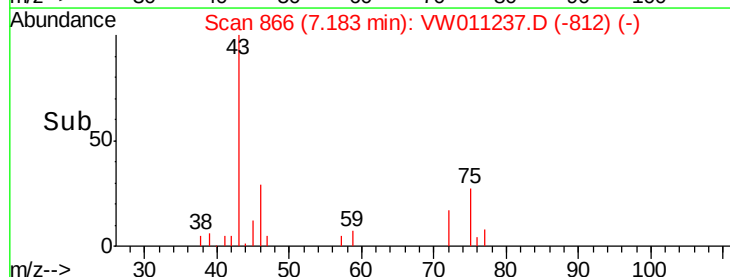
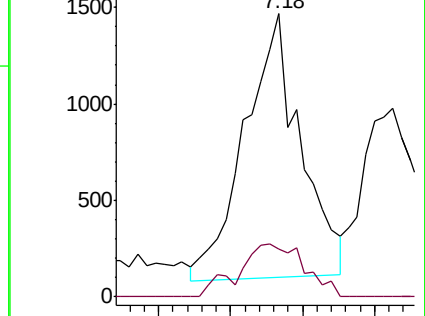
43 100

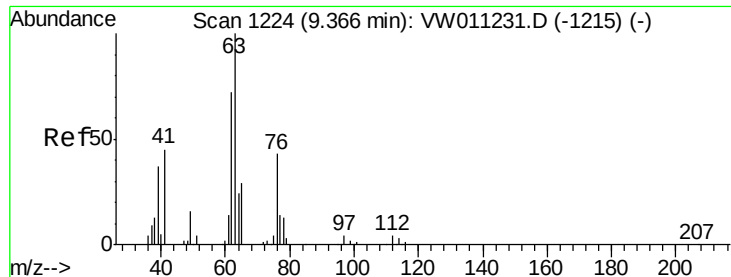
72 10.2 11.2 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#40

1,2-Dichloropropane

Concen: 4.221 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

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MSVOA_W

ClientSampleId :

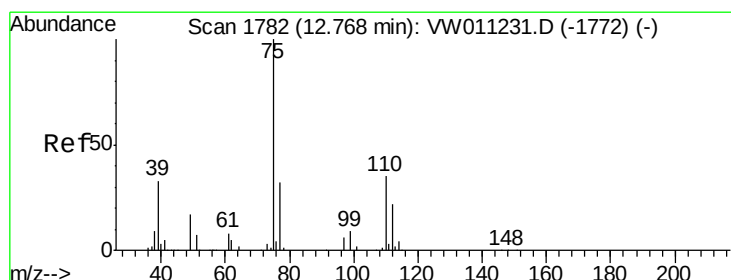
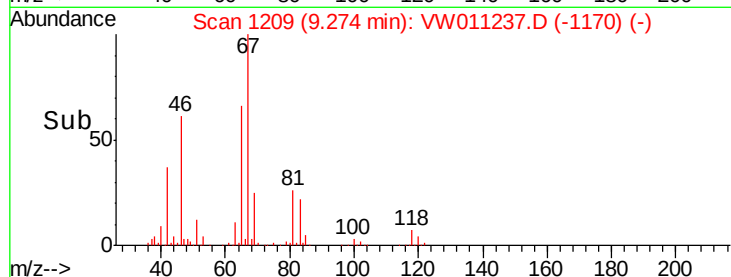
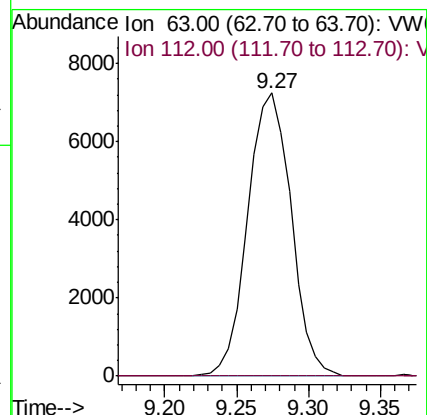
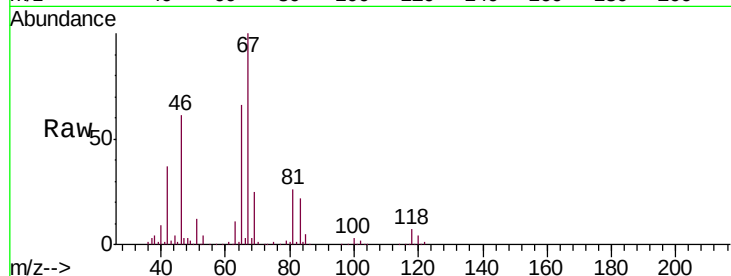
DB8Z4

Tgt Ion: 63 Resp: 15133

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#59

1,2,3-Trichloropropane

Concen: 3.500 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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Tgt Ion: 75 Resp: 8878

Ion Ratio Lower Upper

75 100

77 35.5 25.4 38.0

