

Data File : VW009221.D
Acq On : 18 Mar 2019 11:09
Operator : SY/VA
Sample : K1949-13
Misc : 4.82G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0Z4

Quant Time: Mar 18 11:33:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 11:10:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	461046	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	436843	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	206879	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	149191	27.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.32%
7) Chloroethane-d5	2.89	69	144129	22.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.44%
10) 1,1-Dichloroethene-d2	4.01	63	231317	19.43	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.72%
20) 2-Butanone-d5	7.07	46	89470	39.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.54%
24) Chloroform-d	7.64	84	300234	23.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.44%
26) 1,2-Dichloroethane-d4	8.31	65	174618	23.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.16%
29) Benzene-d6	8.27	84	581740	24.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.60%
33) 1,2-Dichloropropane-d6	9.27	67	175742	24.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.16%
37) Toluene-d8	10.32	98	527971	23.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.80%
38) trans-1,3-Dichloropropene-	10.57	79	79983	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.04%
39) 2-Hexanone-d5	10.93	63	66116	37.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	147103	20.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	193347	24.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.48%

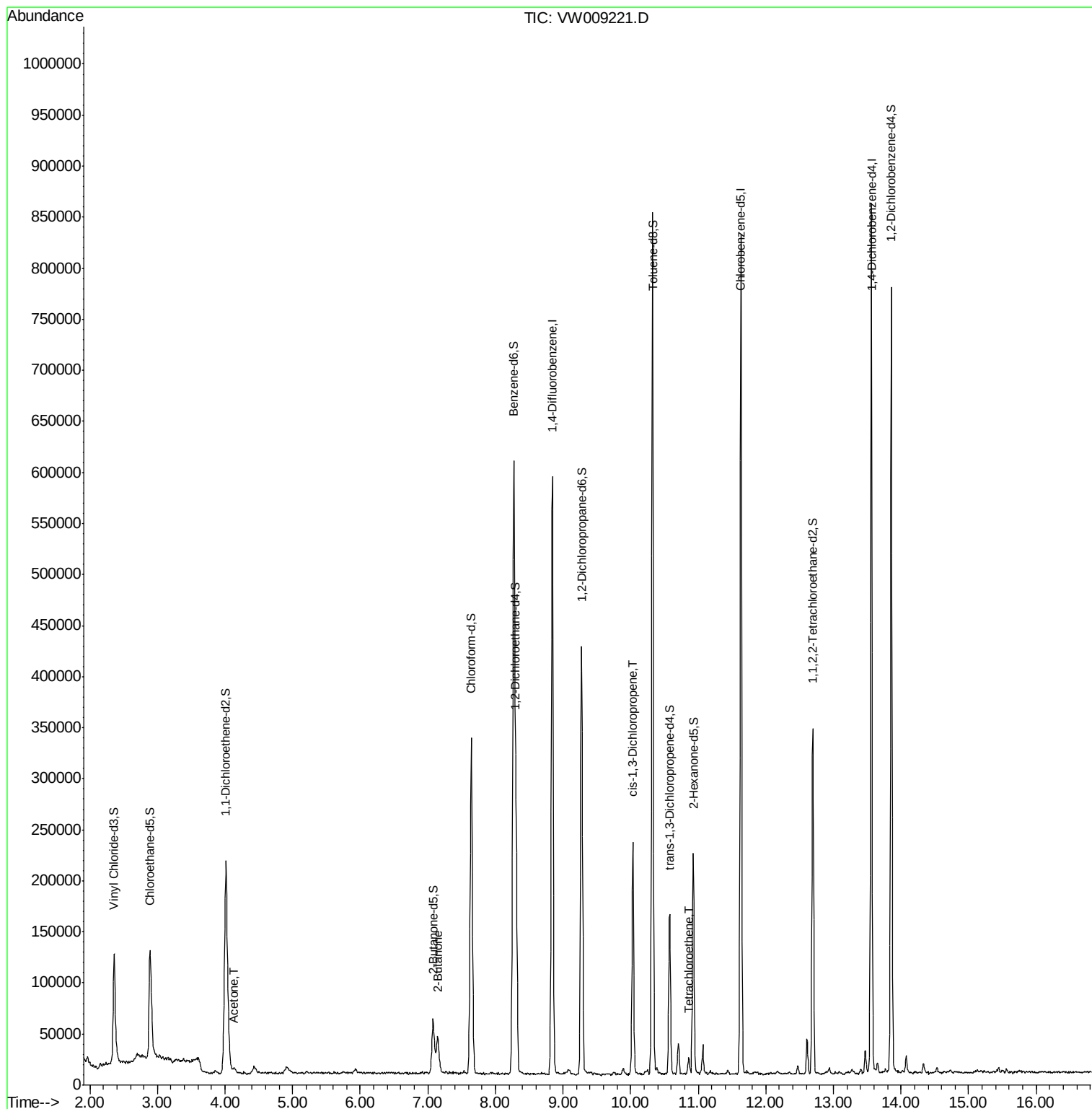
Target Compounds					Qvalue
13) Acetone	4.14	43	4003	2.142 ug/L	85
21) 2-Butanone	7.15	43	1307	0.507 ug/L	85
42) cis-1,3-Dichloropropene	10.03	75	6604	0.661 ug/L #	83
47) Tetrachloroethene	10.86	164	2958	0.549 ug/L	97

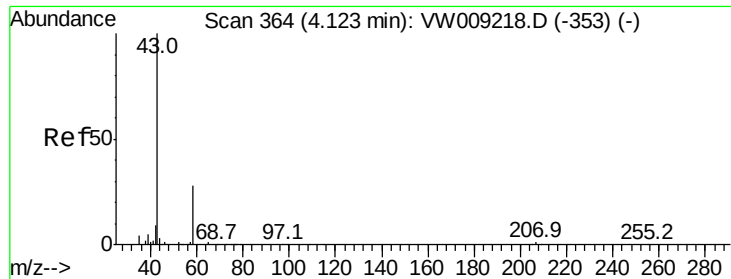
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.142 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

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Acq: 18 Mar 2019 11:09

Instrument :

MSVOA_W

ClientSampleId :

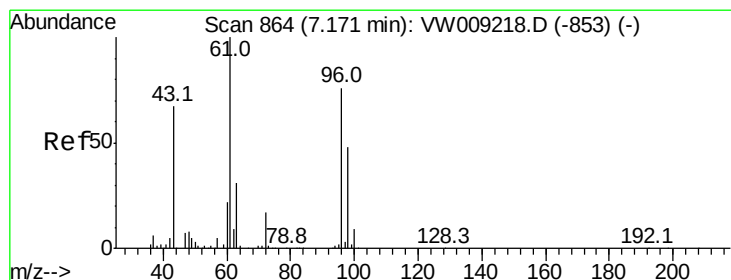
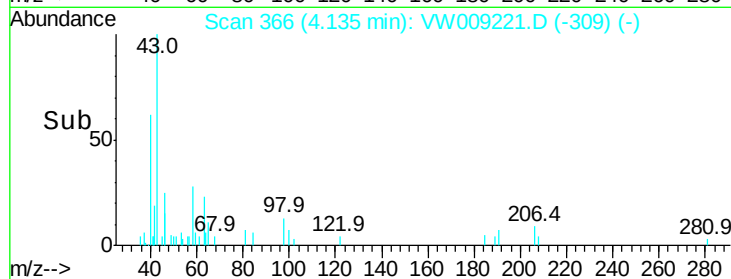
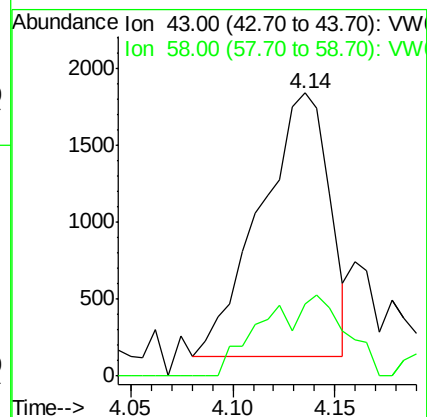
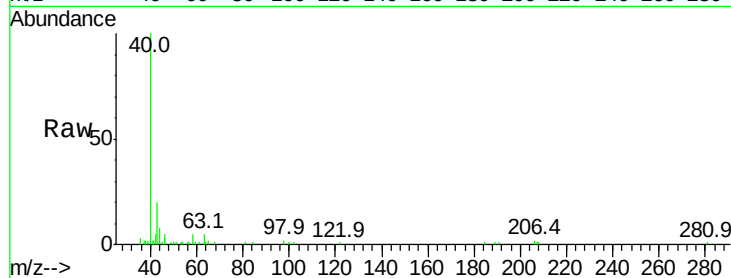
BF0Z4

Tgt Ion: 43 Resp: 4003

Ion Ratio Lower Upper

43 100

58 20.1 0.0 56.2



#21

2-Butanone

Concen: 0.507 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW009221.D

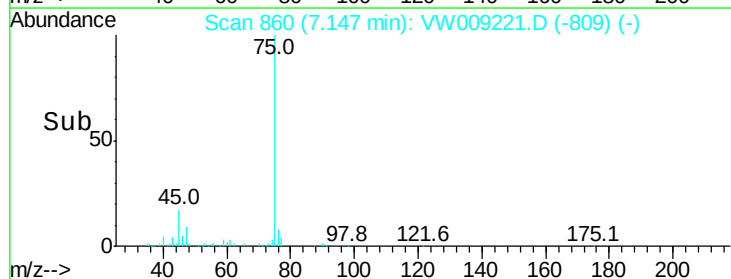
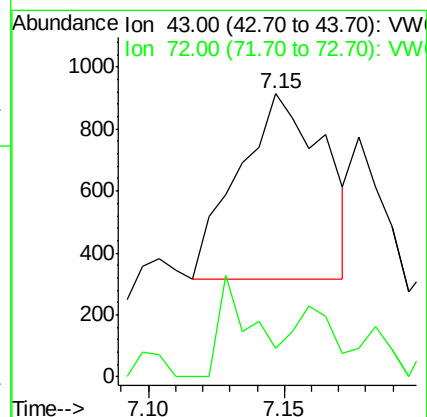
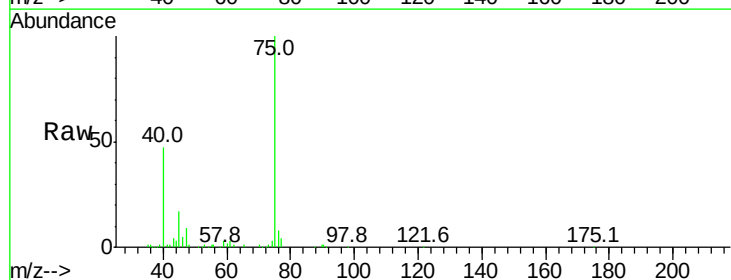
Acq: 18 Mar 2019 11:09

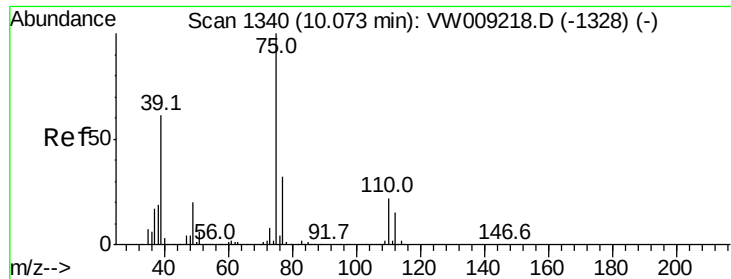
Tgt Ion: 43 Resp: 1307

Ion Ratio Lower Upper

43 100

72 18.2 13.1 39.1





#42

cis-1,3-Dichloropropene

Concen: 0.661 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009221.D

Acq: 18 Mar 2019 11:09

Instrument :

MSVOA_W

ClientSampled :

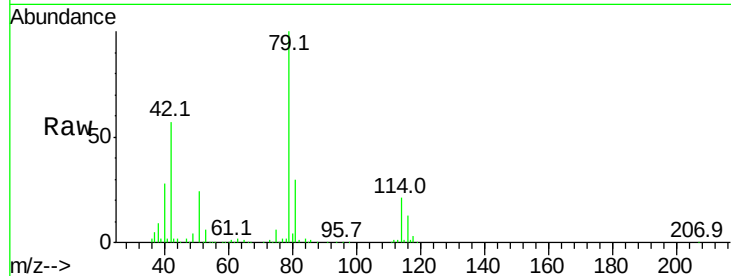
BF0Z4

Tgt Ion: 75 Resp: 6604

Ion Ratio Lower Upper

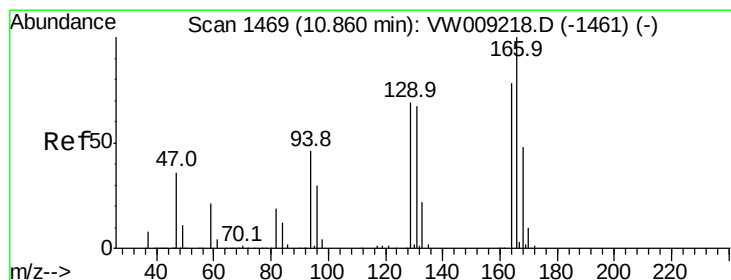
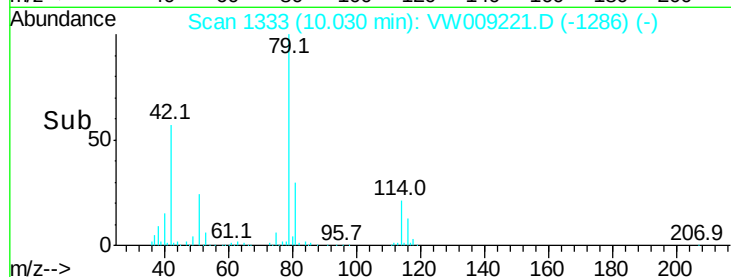
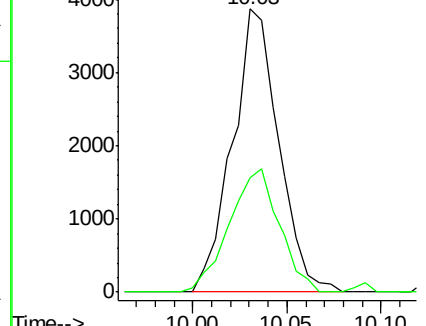
75 100

77 40.4 21.6 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#47

Tetrachloroethene

Concen: 0.549 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

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Acq: 18 Mar 2019 11:09

Tgt Ion: 164 Resp: 2958

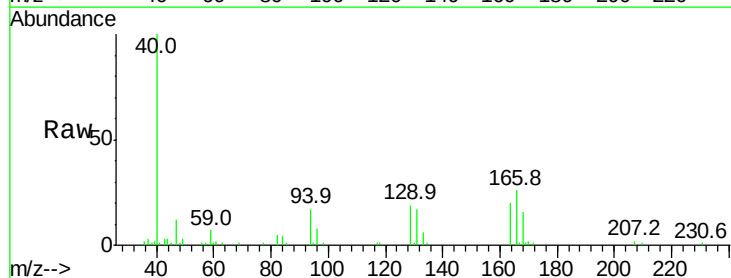
Ion Ratio Lower Upper

164 100

129 98.1 66.5 123.5

131 86.1 62.6 116.3

166 134.2 91.6 170.0



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

