

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041019\
 Data File : VW009886.D
 Acq On : 10 Apr 2019 18:22
 Operator : SY/VA
 Sample : K2340-09
 Misc : 5.42G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0N3

Quant Time: Apr 11 03:47:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 03:44:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	486833	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	475918	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	209784	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	110806	17.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.56%
7) Chloroethane-d5	2.89	69	106096	18.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.72%
10) 1,1-Dichloroethene-d2	4.01	63	211825	15.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.84%
20) 2-Butanone-d5	7.07	46	144245	69.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.48%#
24) Chloroform-d	7.65	84	315825	23.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.08%
26) 1,2-Dichloroethane-d4	8.30	65	209103	25.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.56%
29) Benzene-d6	8.27	84	562081	22.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.00%
33) 1,2-Dichloropropane-d6	9.27	67	182549	23.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.64%
37) Toluene-d8	10.32	98	486143	21.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.20%
38) trans-1,3-Dichloropropene-	10.58	79	81133	22.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.20%
39) 2-Hexanone-d5	10.93	63	97801	67.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	198284	27.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	192487	26.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.60%

Target Compounds

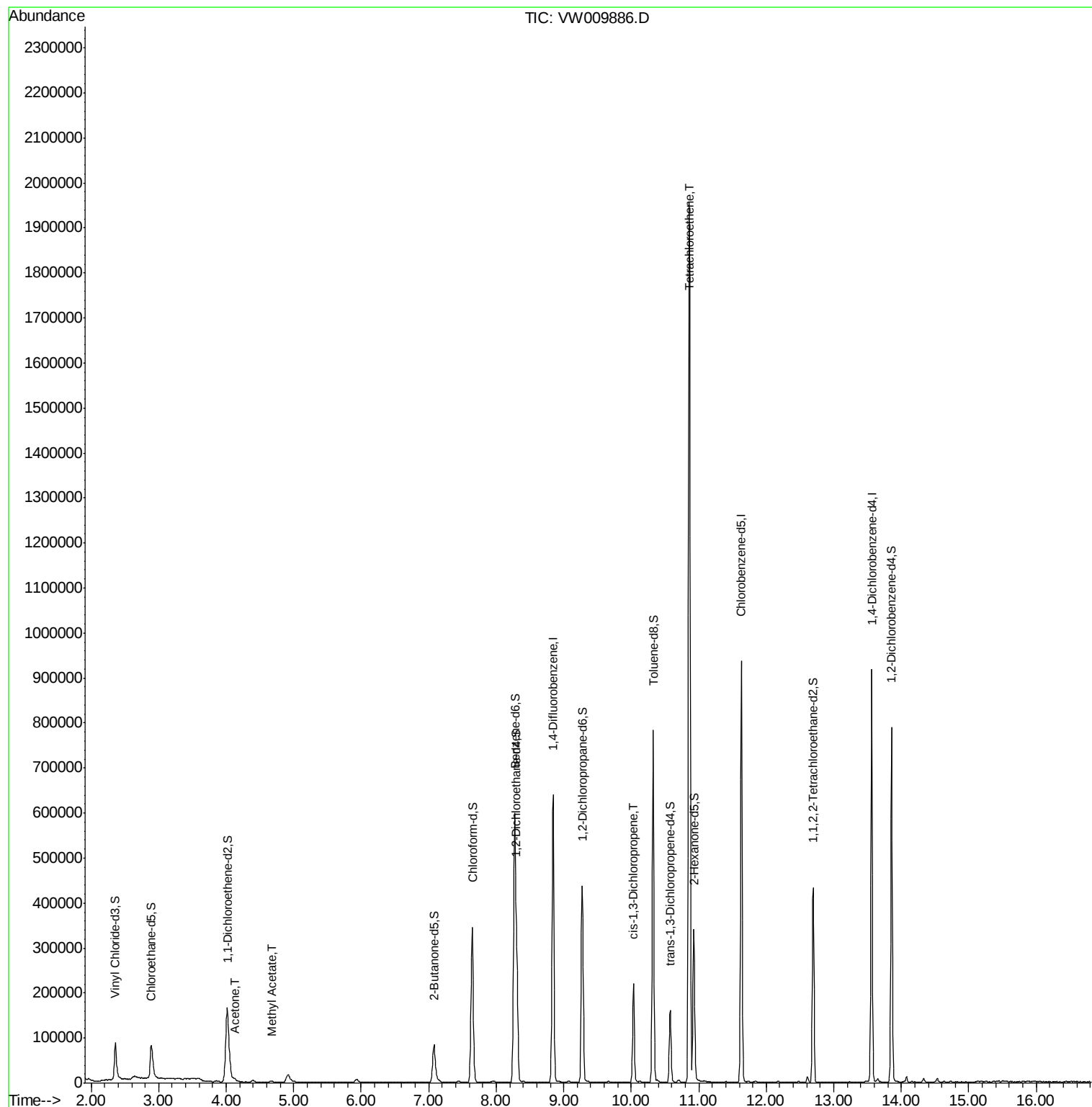
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.12	43	9674	4.365	ug/L	94
15) Methyl Acetate	4.67	43	5638	1.395	ug/L #	69
42) cis-1,3-Dichloropropene	10.03	75	6303	0.555	ug/L #	74
47) Tetrachloroethene	10.86	164	407360	69.022	ug/L	99

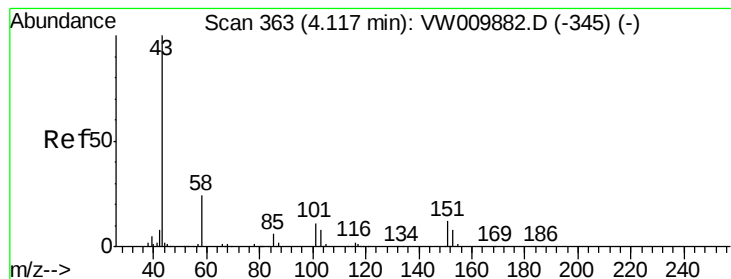
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.365 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

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Acq: 10 Apr 2019 18:22

Instrument :

MSVOA_W

ClientSampleId :

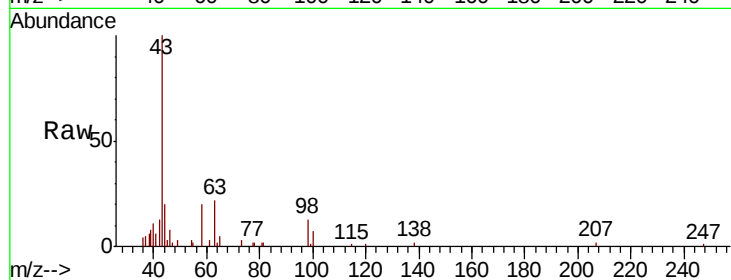
BF0N3

Tgt Ion: 43 Resp: 9674

Ion Ratio Lower Upper

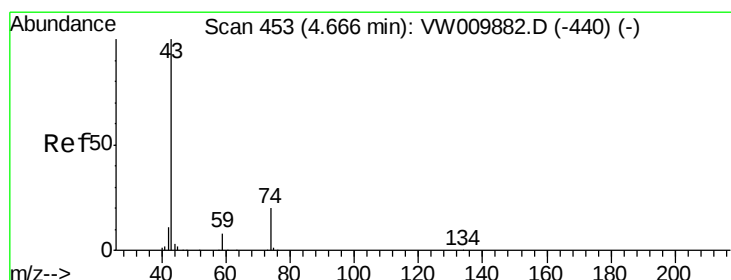
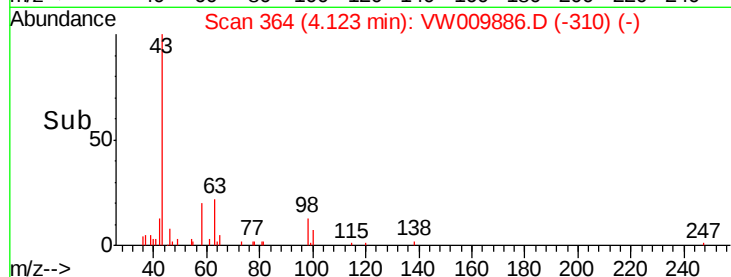
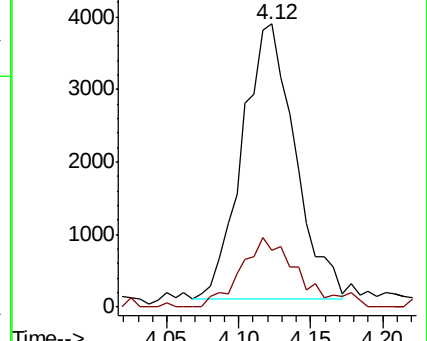
43 100

58 23.5 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 1.395 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

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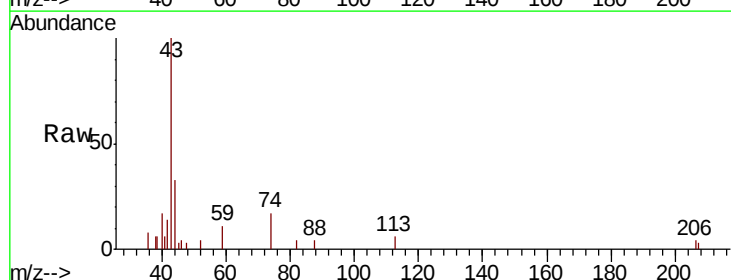
Acq: 10 Apr 2019 18:22

Tgt Ion: 43 Resp: 5638

Ion Ratio Lower Upper

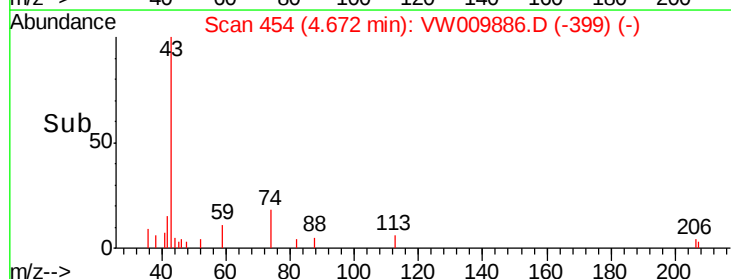
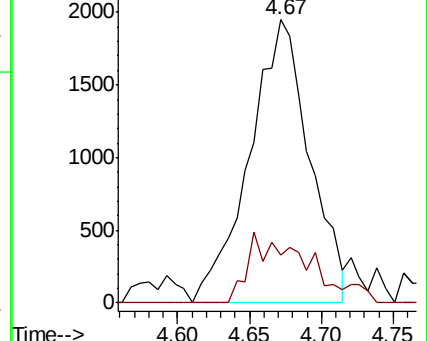
43 100

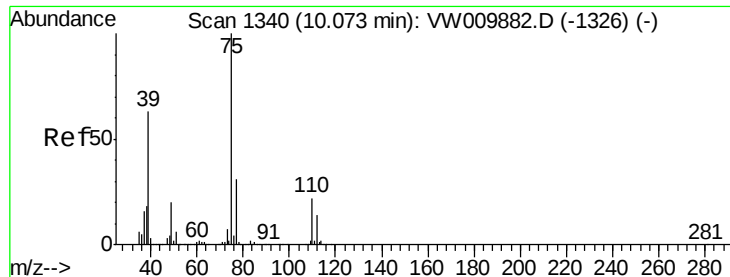
74 7.0 17.2 25.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.555 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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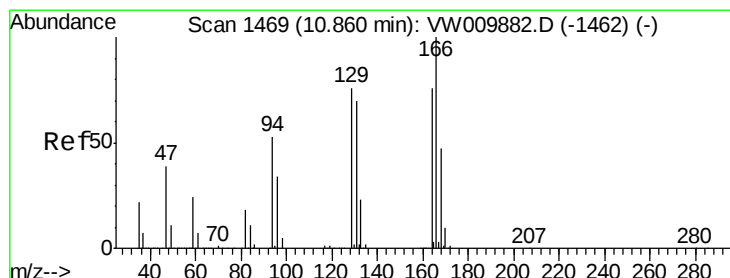
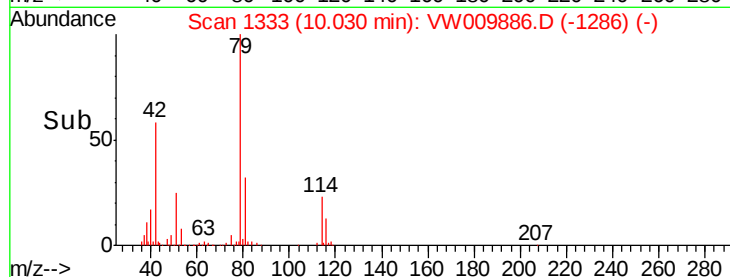
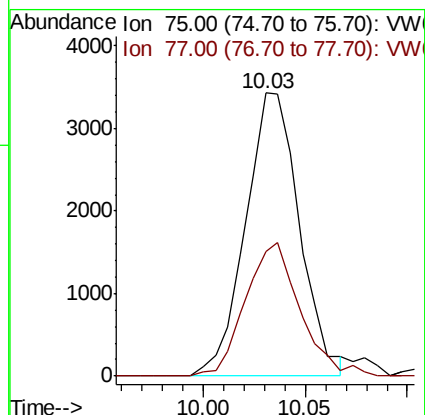
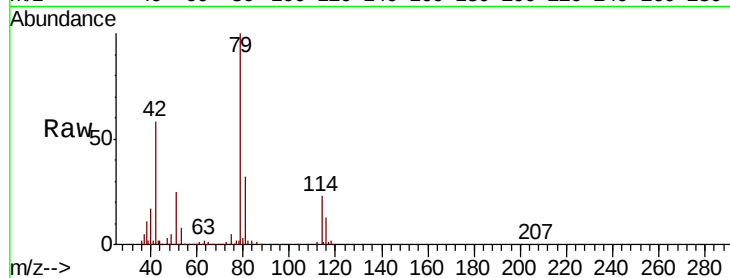
BF0N3

Tgt Ion: 75 Resp: 6303

Ion Ratio Lower Upper

75 100

77 44.2 21.0 39.0#



#47

Tetrachloroethene

Concen: 69.022 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009886.D

Acq: 10 Apr 2019 18:22

Tgt Ion: 164 Resp: 407360

Ion Ratio Lower Upper

164 100

129 97.0 68.9 127.9

131 92.1 63.1 117.1

166 126.1 88.5 164.4

