

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009834.D
 Acq On : 09 Apr 2019 11:41
 Operator : SY/VA
 Sample : K2303-03
 Misc : 4.36G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF898

Quant Time: Apr 10 01:00:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 00:56:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	486159	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	378818	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	85788	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	163580	25.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.84%
7) Chloroethane-d5	2.89	69	155847	26.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.96%
10) 1,1-Dichloroethene-d2	4.01	63	291259	21.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.16%
20) 2-Butanone-d5	7.07	46	119136	57.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.36%
24) Chloroform-d	7.64	84	413433	31.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	124.68%
26) 1,2-Dichloroethane-d4	8.30	65	271061	33.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	133.12%#
29) Benzene-d6	8.27	84	745390	37.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	149.92%#
33) 1,2-Dichloropropane-d6	9.27	67	237371	38.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	154.60%#
37) Toluene-d8	10.32	98	597065	32.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	129.88%
38) trans-1,3-Dichloropropene-	10.58	79	87066	29.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.88%
39) 2-Hexanone-d5	10.93	63	70697	61.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	162467	28.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	92405	30.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.80%#

Target Compounds

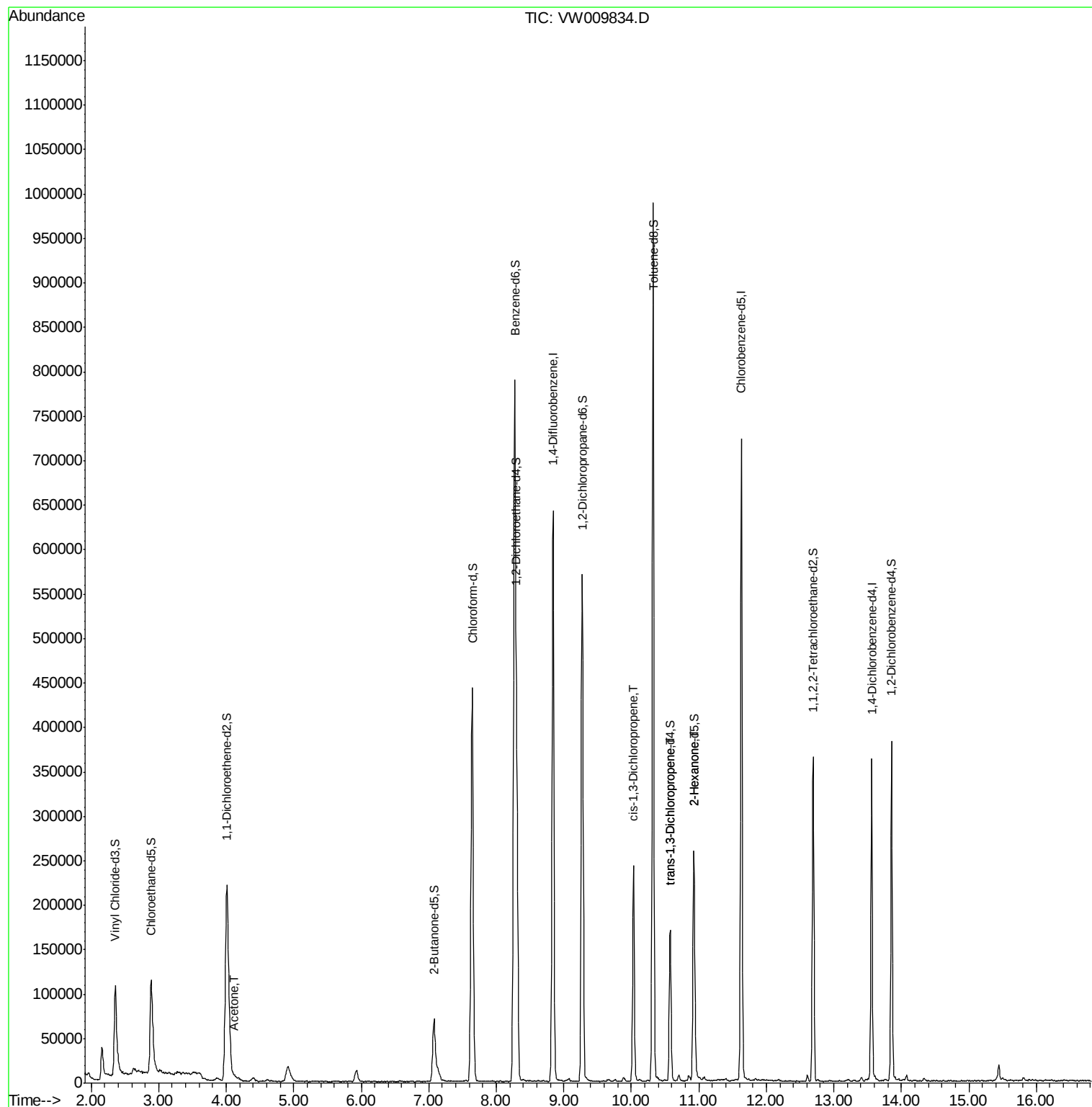
					Qvalue
13) Acetone	4.12	43	4096	1.851 ug/L	89
42) cis-1,3-Dichloropropene	10.03	75	7080	0.783 ug/L #	76
45) trans-1,3-Dichloropropene	10.58	75	4857	0.623 ug/L	92
49) 2-Hexanone	10.93	43	19331	5.729 ug/L #	76

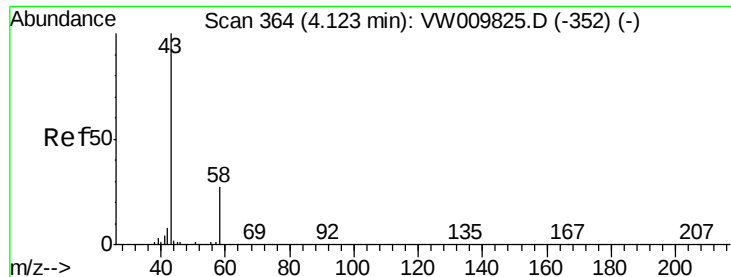
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.851 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

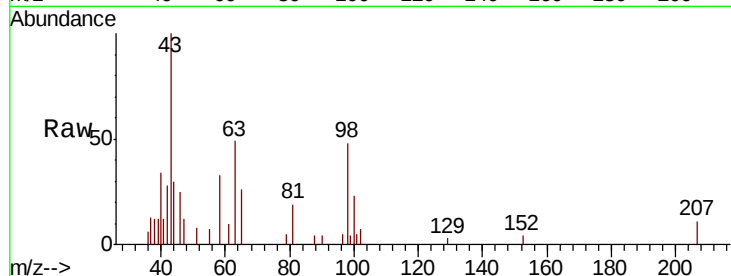
BF898

Tgt Ion: 43 Resp: 4096

Ion Ratio Lower Upper

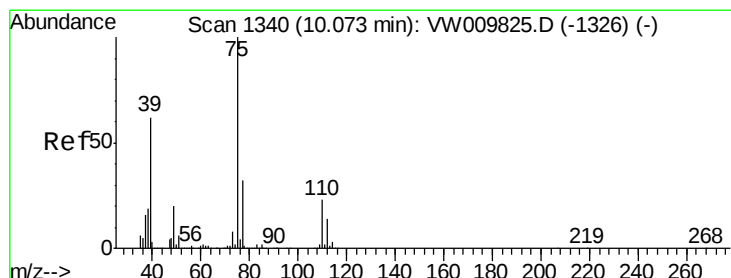
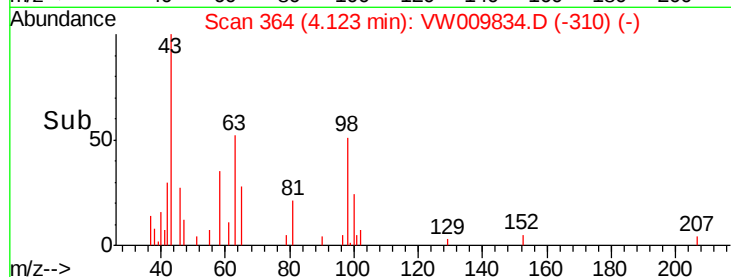
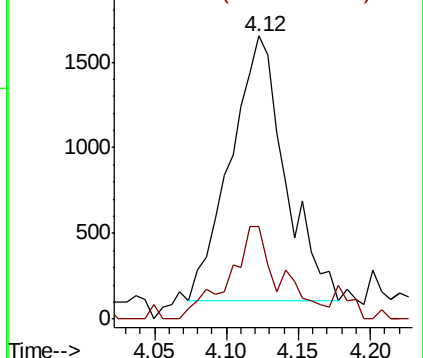
43 100

58 20.8 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.783 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009834.D

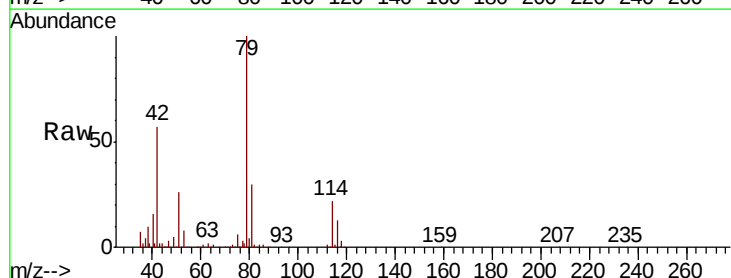
Acq: 09 Apr 2019 11:41

Tgt Ion: 75 Resp: 7080

Ion Ratio Lower Upper

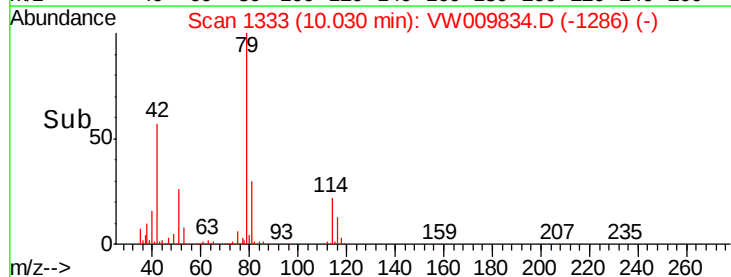
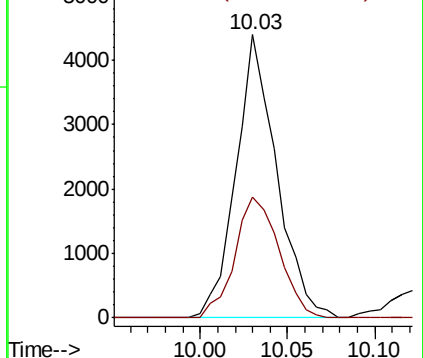
75 100

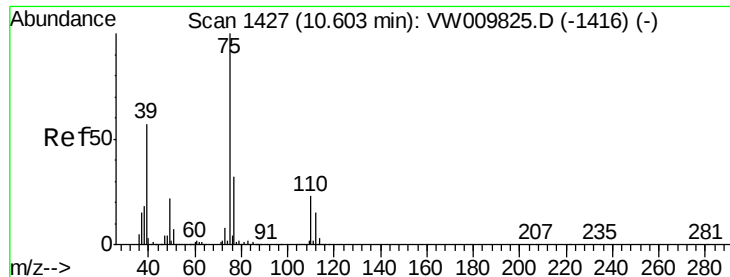
77 42.8 21.0 39.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.623 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

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ClientSampleId :

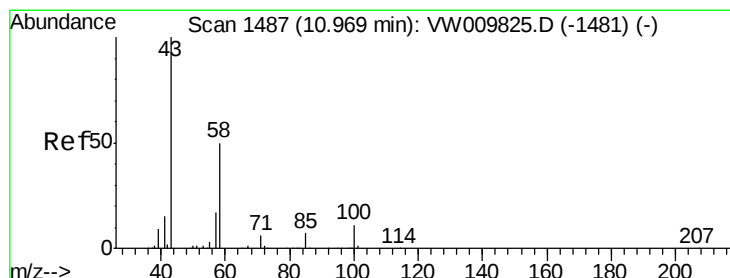
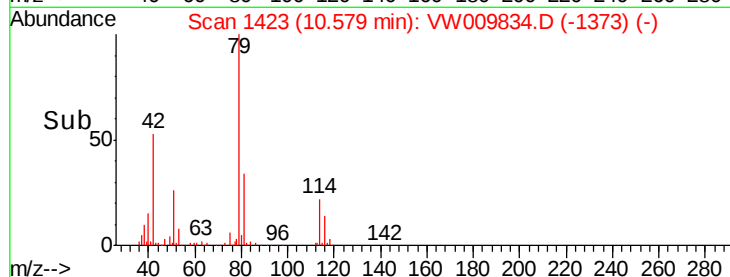
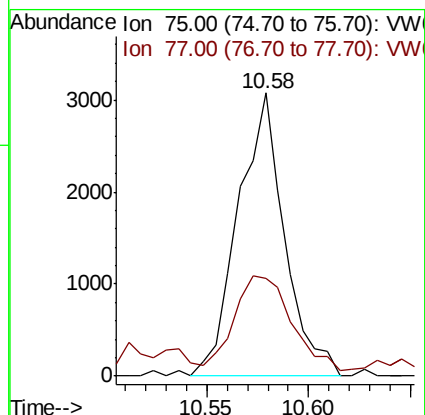
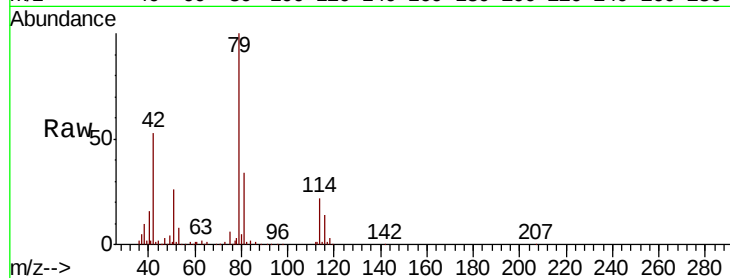
BF898

Tgt Ion: 75 Resp: 4857

Ion Ratio Lower Upper

75 100

77 34.8 21.1 39.3



#49

2-Hexanone

Concen: 5.729 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009834.D

Acq: 09 Apr 2019 11:41

Tgt Ion: 43 Resp: 19331

Ion Ratio Lower Upper

43 100

58 28.9 38.9 58.3#

57 21.8 13.8 20.6#

100 1.8 8.6 13.0#

