

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041519\
 Data File : VW009990.D
 Acq On : 16 Apr 2019 00:07
 Operator : SY/VA
 Sample : K2403-08
 Misc : 5.80G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A5125

Quant Time: Apr 16 01:57:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 16 01:53:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	633064	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	590995	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	209259	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	160422	26.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.28%
7) Chloroethane-d5	2.89	69	143104	23.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.48%
10) 1,1-Dichloroethene-d2	4.01	63	303870	18.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.24%
20) 2-Butanone-d5	7.07	46	248343	76.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.48%#
24) Chloroform-d	7.64	84	438701	23.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.88%
26) 1,2-Dichloroethane-d4	8.31	65	301615	26.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.24%
29) Benzene-d6	8.27	84	793297	24.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.72%
33) 1,2-Dichloropropane-d6	9.27	67	263443	25.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.88%
37) Toluene-d8	10.32	98	681972	23.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.08%
38) trans-1,3-Dichloropropene-	10.58	79	120108	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.96%
39) 2-Hexanone-d5	10.93	63	192496	83.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	167.96%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	278823	28.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	193903	24.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.60%

Target Compounds

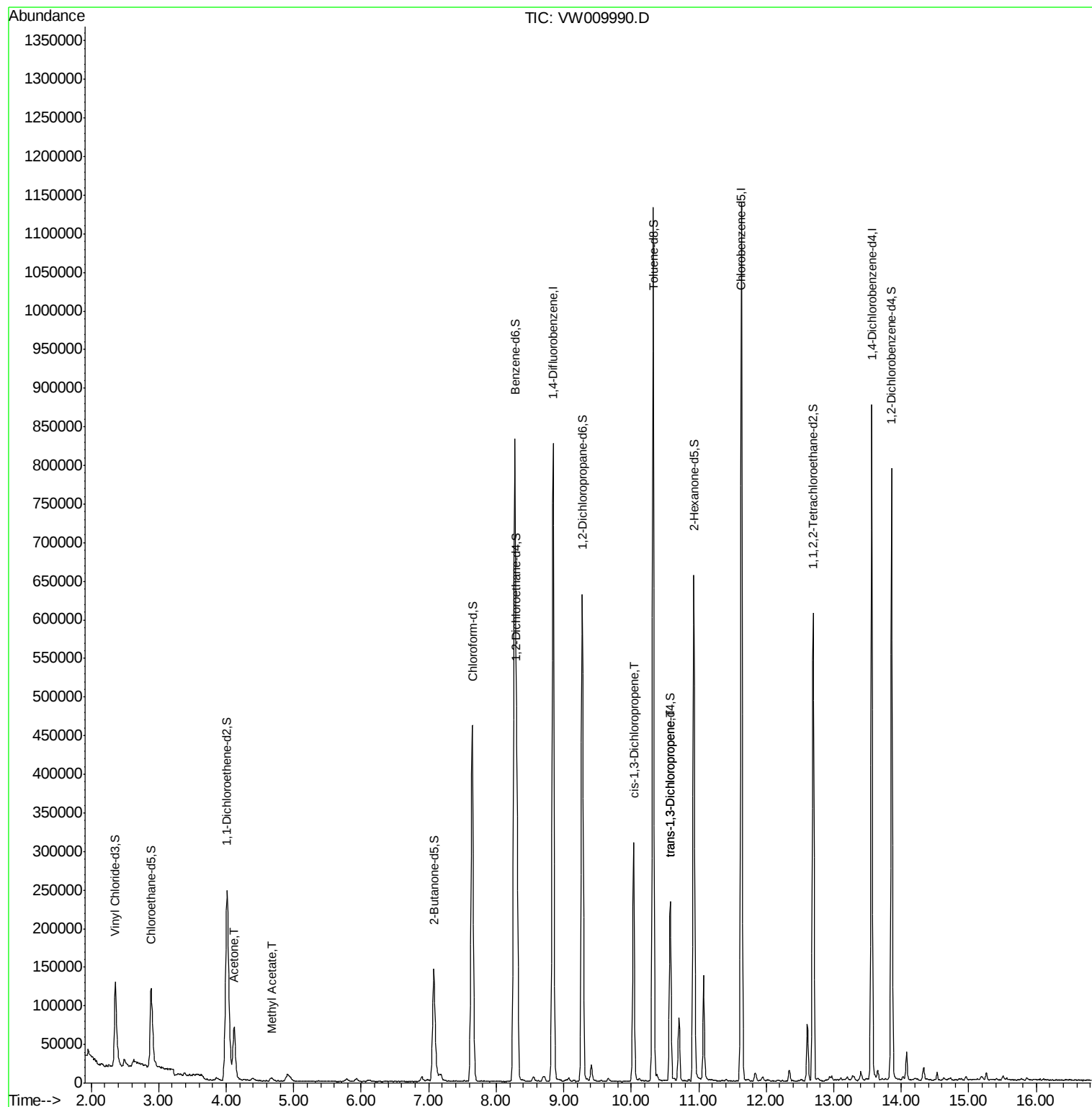
					Qvalue
13) Acetone	4.12	43	115886	40.269 ug/L	97
15) Methyl Acetate	4.67	43	8340	1.436 ug/L	94
42) cis-1,3-Dichloropropene	10.03	75	8517	0.600 ug/L	85
45) trans-1,3-Dichloropropene	10.57	75	6070	0.484 ug/L	88

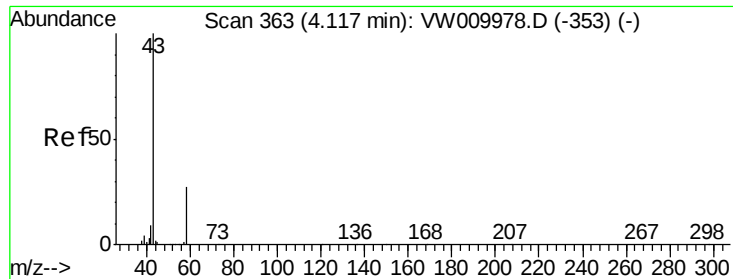
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 40.269 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009990.D

Acq: 16 Apr 2019 00:07

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MSVOA_W

ClientSampleId :

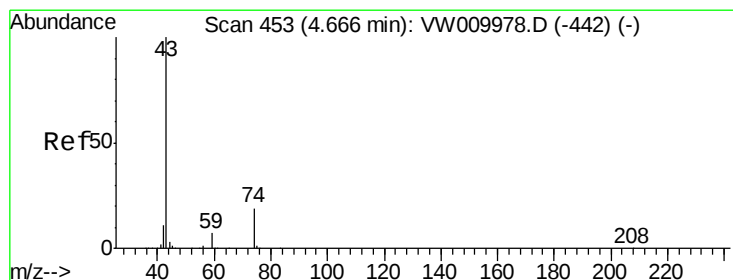
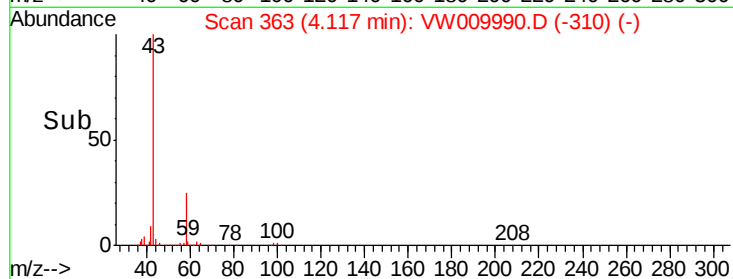
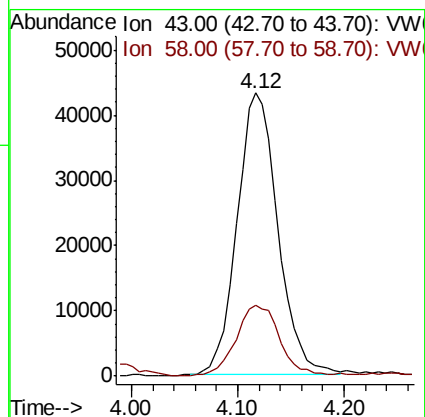
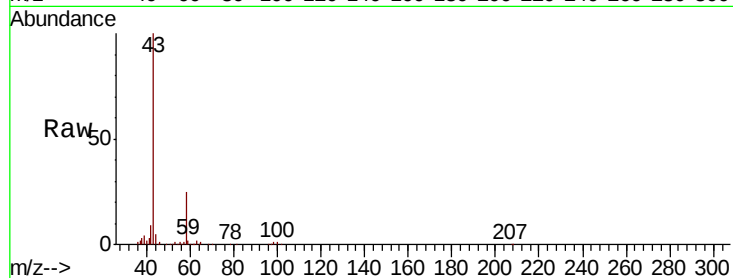
A5125

Tgt Ion: 43 Resp: 115886

Ion Ratio Lower Upper

43 100

58 26.6 0.0 56.2



#15

Methyl Acetate

Concen: 1.436 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

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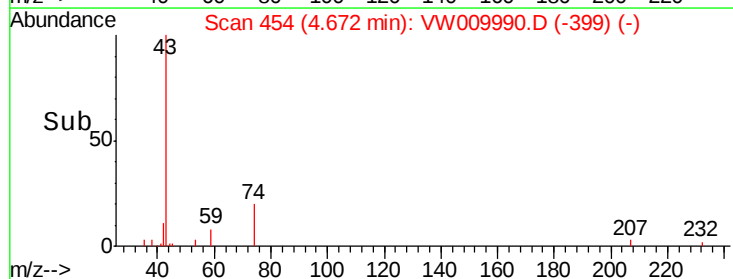
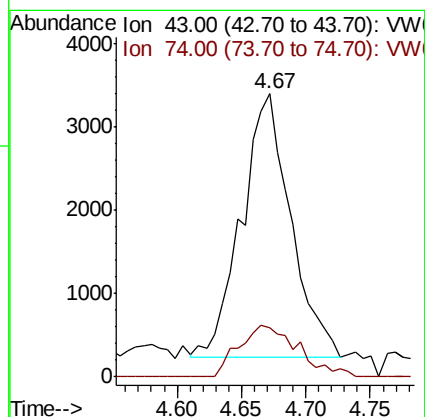
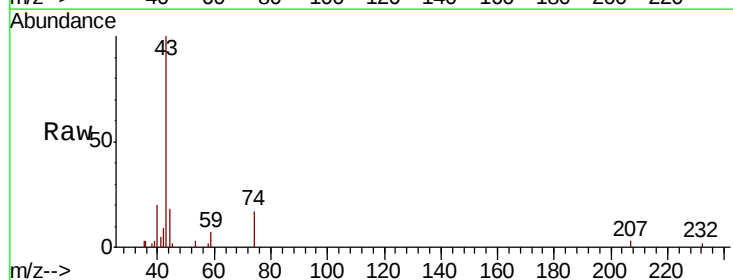
Acq: 16 Apr 2019 00:07

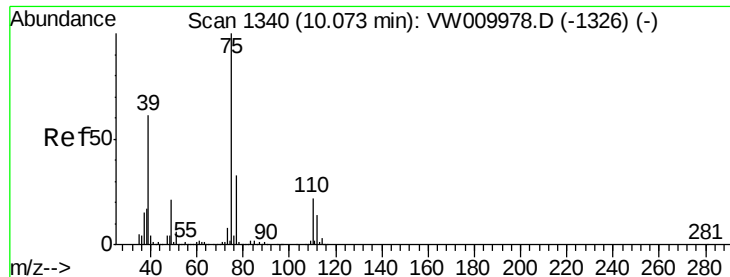
Tgt Ion: 43 Resp: 8340

Ion Ratio Lower Upper

43 100

74 23.0 16.2 24.4





#42

cis-1,3-Dichloropropene

Concen: 0.600 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

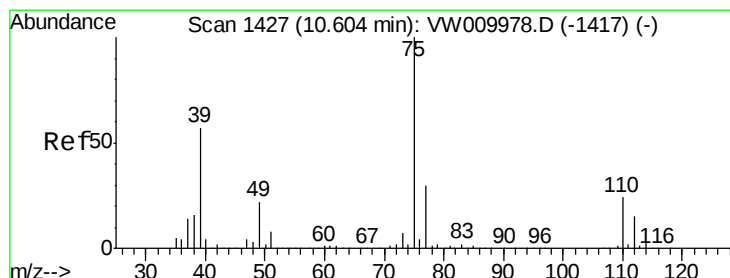
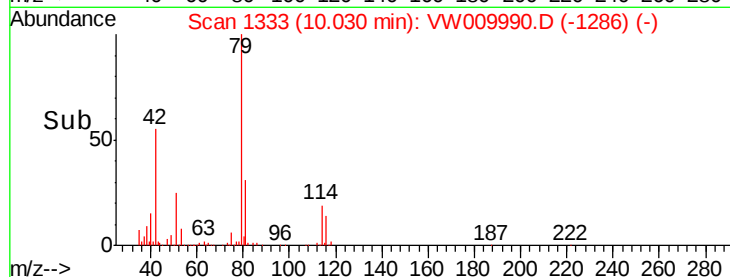
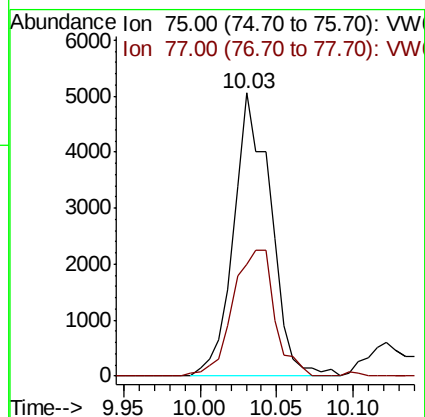
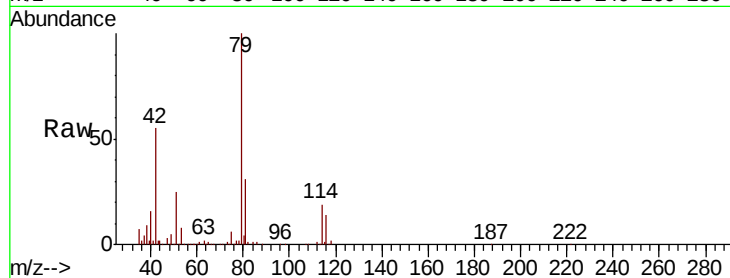
A5125

Tgt Ion: 75 Resp: 8517

Ion Ratio Lower Upper

75 100

77 39.3 21.8 40.4



#45

trans-1,3-Dichloropropene

Concen: 0.484 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009990.D

Acq: 16 Apr 2019 00:07

Tgt Ion: 75 Resp: 6070

Ion Ratio Lower Upper

75 100

77 38.4 22.0 41.0

