

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040519\
 Data File : VW009729.D
 Acq On : 05 Apr 2019 13:41
 Operator : SY/VA
 Sample : K2277-01
 Misc : 5.79G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF1J8

Quant Time: Apr 06 03:55:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 03:51:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	403843	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	367770	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152867	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	145290	27.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.96%
7) Chloroethane-d5	2.89	69	145282	30.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.04%
10) 1,1-Dichloroethene-d2	4.21	63	178	0.02	ug/L	0.19
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.08%#
20) 2-Butanone-d5	7.08	46	82036	47.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.62%
24) Chloroform-d	7.65	84	331637	30.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	120.40%
26) 1,2-Dichloroethane-d4	8.40	65	279	0.04	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.16%#
29) Benzene-d6	8.27	84	537211	27.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.32%
33) 1,2-Dichloropropane-d6	9.27	67	190462	31.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.76%#
37) Toluene-d8	10.32	98	437732	24.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.08%
38) trans-1,3-Dichloropropene-	10.58	79	52643	18.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.04%
39) 2-Hexanone-d5	10.93	63	38631	34.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	151124	27.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	176610	32.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	131.68%#

Target Compounds

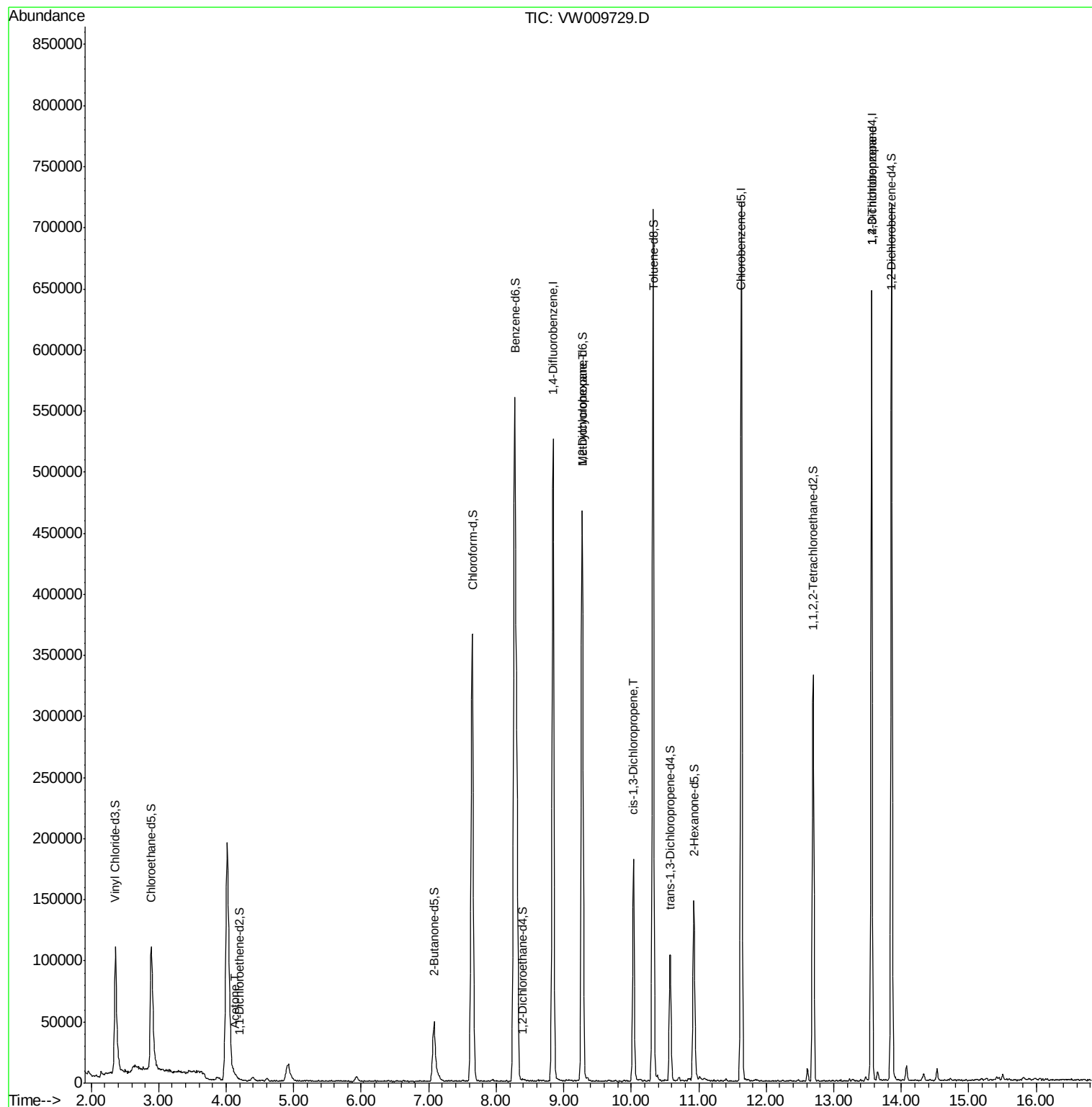
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.13	43	3428	1.865	ug/L	78
36) Methylcyclohexane	9.27	83	48412	5.085	ug/L #	17
42) cis-1,3-Dichloropropene	10.03	75	5306	0.605	ug/L #	64
59) 1,2,3-Trichloropropane	13.56	75	20428	4.800	ug/L	89

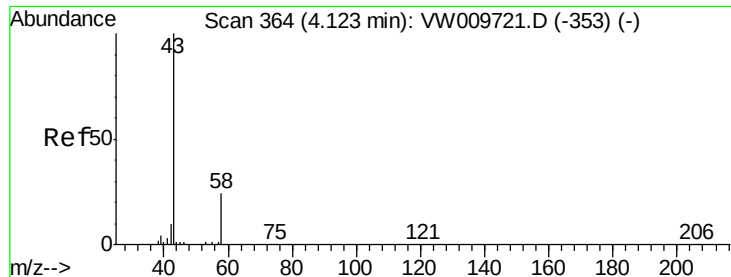
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.865 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

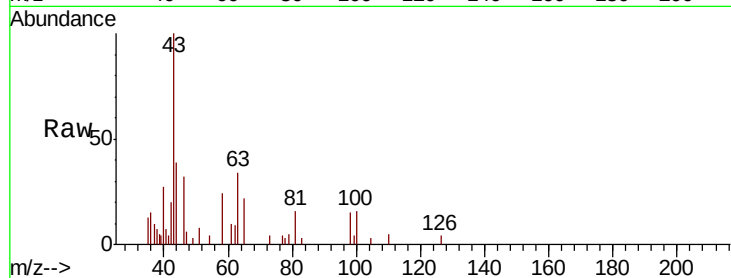
BF1J8

Tgt Ion: 43 Resp: 3428

Ion Ratio Lower Upper

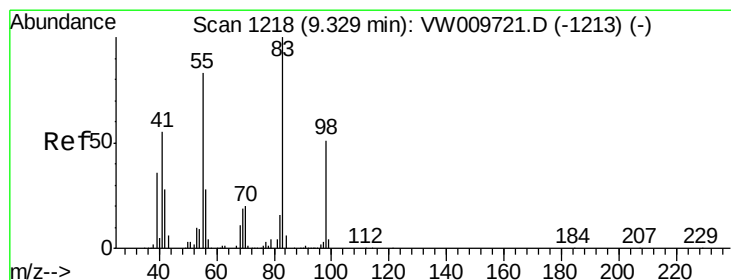
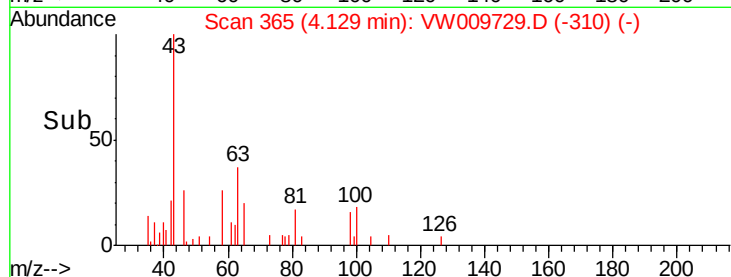
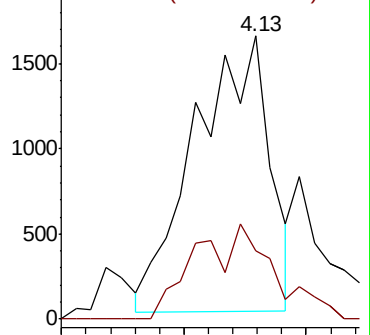
43 100

58 15.3 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#36

Methylcyclohexane

Concen: 5.085 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.06 min

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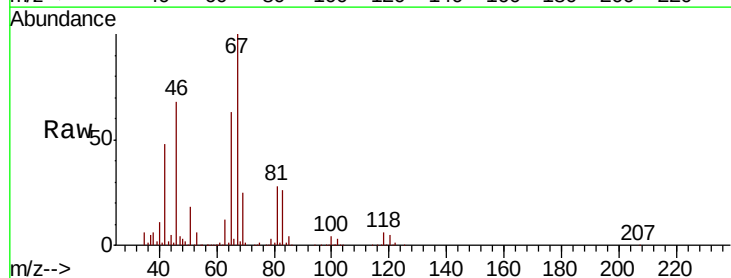
Tgt Ion: 83 Resp: 48412

Ion Ratio Lower Upper

83 100

55 1.0 66.3 99.5#

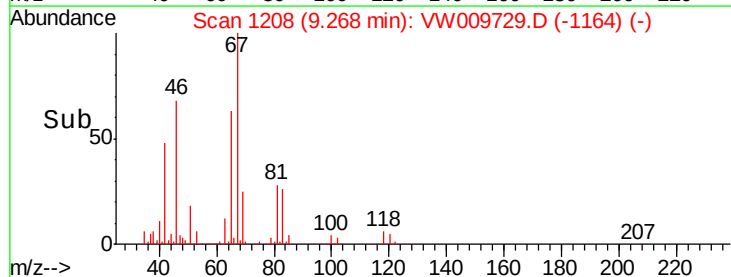
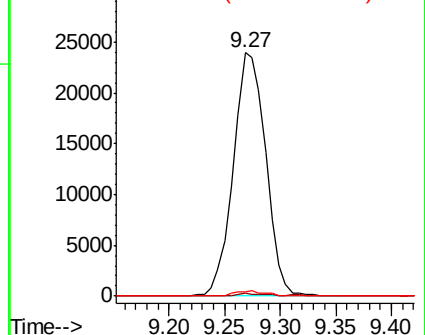
98 1.8 39.4 59.0#

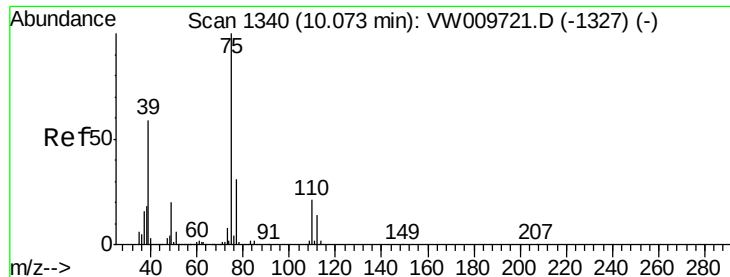


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.605 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampled :

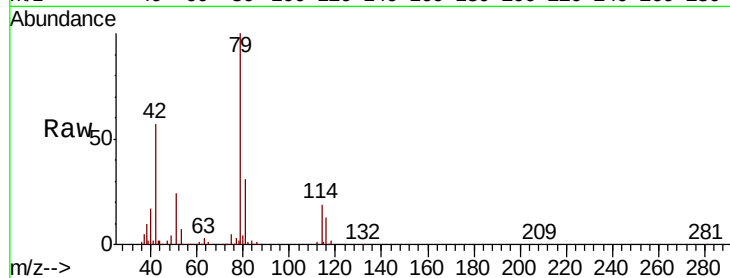
BF1J8

Tgt Ion: 75 Resp: 5306

Ion Ratio Lower Upper

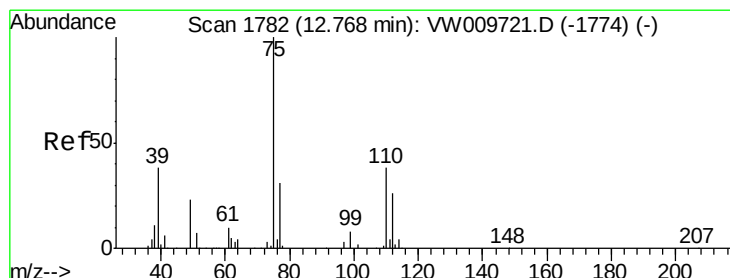
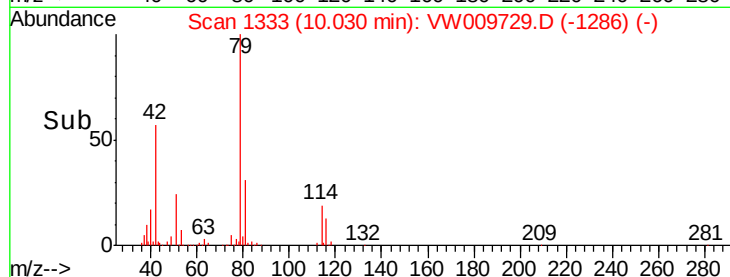
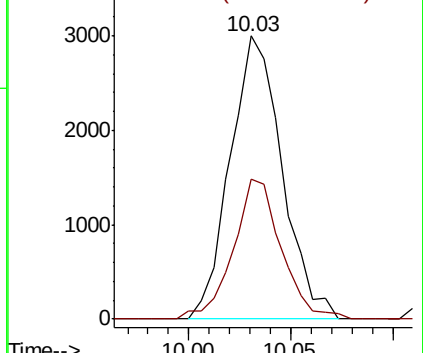
75 100

77 49.7 21.0 39.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#59

1,2,3-Trichloropropane

Concen: 4.800 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009729.D

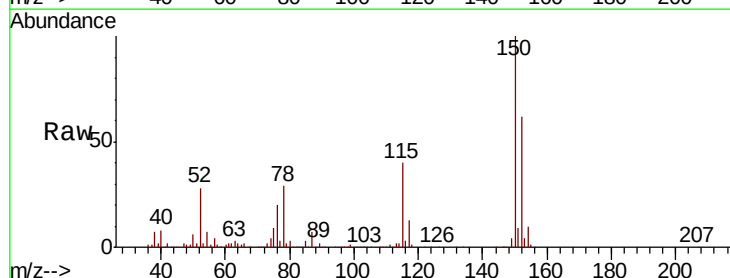
Acq: 05 Apr 2019 13:41

Tgt Ion: 75 Resp: 20428

Ion Ratio Lower Upper

75 100

77 38.7 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

