

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009494.D
 Acq On : 27 Mar 2019 11:00
 Operator : SY/VA
 Sample : VW0327SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK14

Quant Time: Mar 28 04:59:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 04:55:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	417312	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	393261	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	183952	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	123397	24.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.96%
7) Chloroethane-d5	2.89	69	128204	21.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.88%
10) 1,1-Dichloroethene-d2	4.01	63	201416	18.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.76%
20) 2-Butanone-d5	7.07	46	99400	48.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.40%
24) Chloroform-d	7.64	84	278113	24.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.68%
26) 1,2-Dichloroethane-d4	8.31	65	167817	24.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.84%
29) Benzene-d6	8.27	84	524473	24.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.72%
33) 1,2-Dichloropropane-d6	9.27	67	158400	24.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.28%
37) Toluene-d8	10.32	98	482605	24.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.28%
38) trans-1,3-Dichloropropene-	10.57	79	71962	22.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.00%
39) 2-Hexanone-d5	10.93	63	70959	44.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	146352	22.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	176987	25.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.36%

Target Compounds

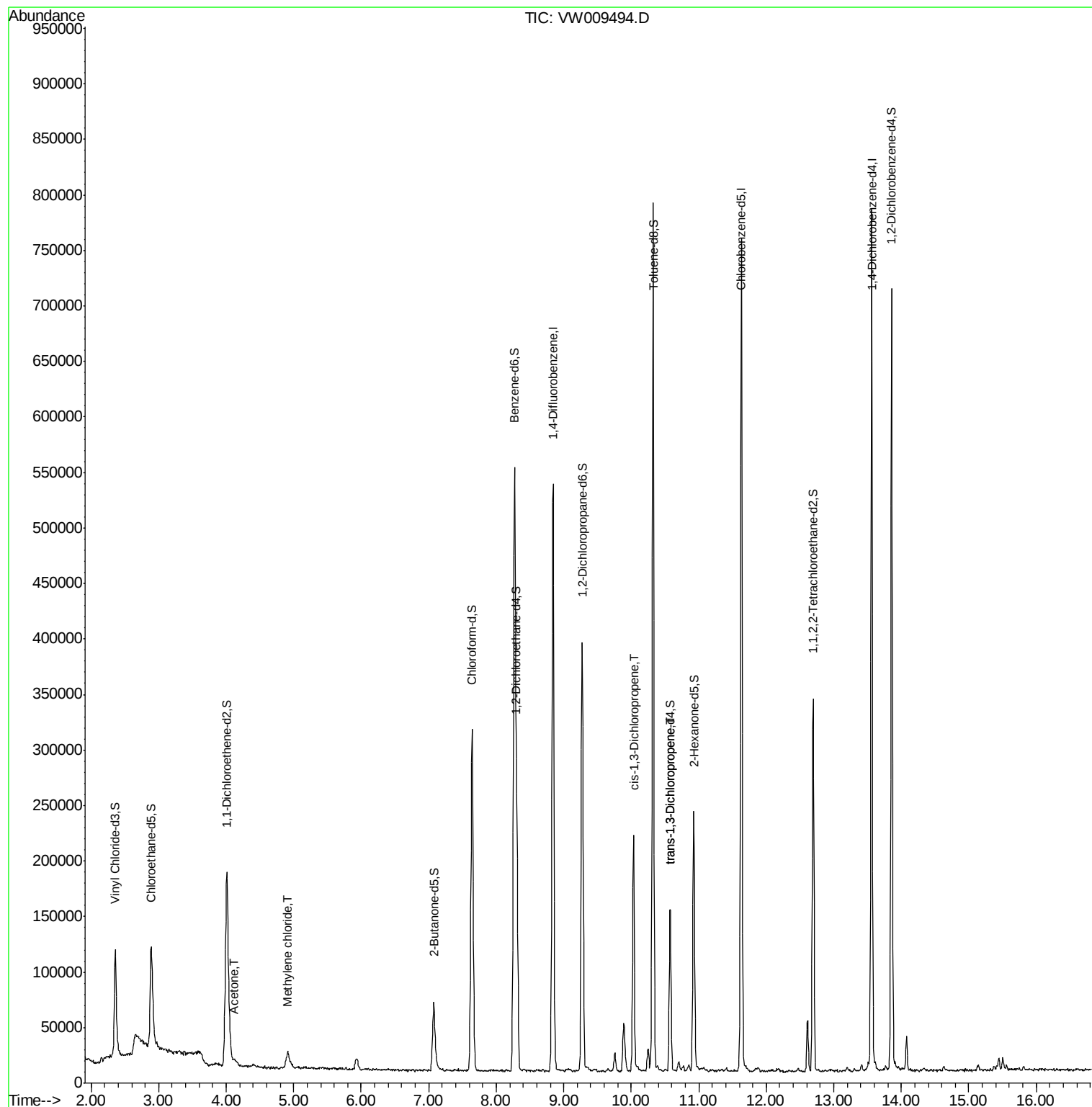
					Ovalue
13) Acetone	4.12	43	4868	2.878 ug/L	80
16) Methylene chloride	4.92	84	10935	1.797 ug/L	74
42) cis-1,3-Dichloropropene	10.04	75	5968	0.663 ug/L	86
45) trans-1,3-Dichloropropene	10.58	75	4263	0.545 ug/L #	73

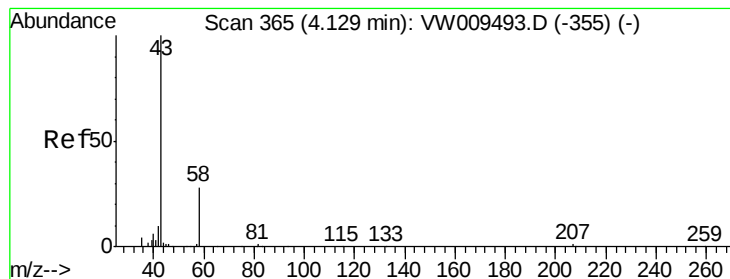
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.878 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW009494.D

Acq: 27 Mar 2019 11:00

Instrument :

MSVOA_W

ClientSampleId :

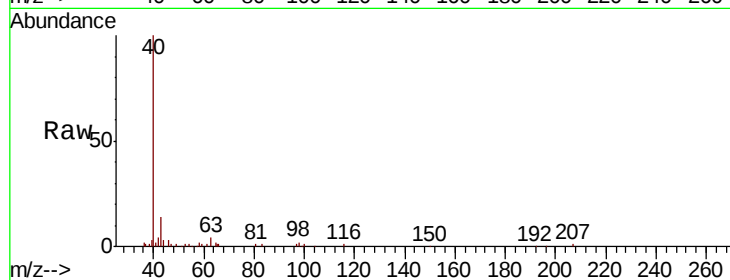
VBLK14

Tot Ion: 43 Resp: 4868

Ion Ratio Lower Upper

43 100

58 17.5 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

2000

1500

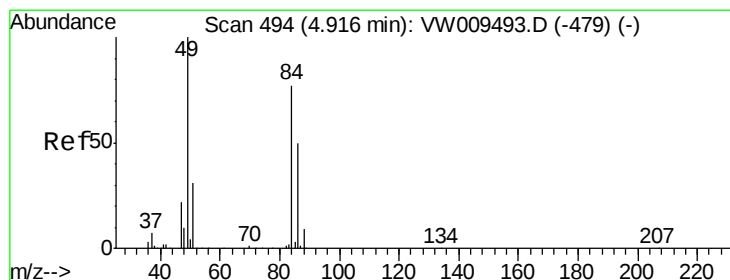
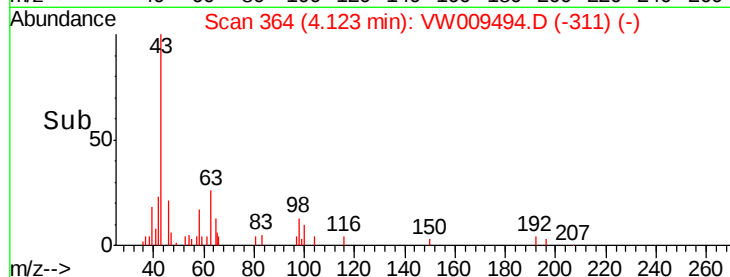
1000

500

0

4.05 4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 1.797 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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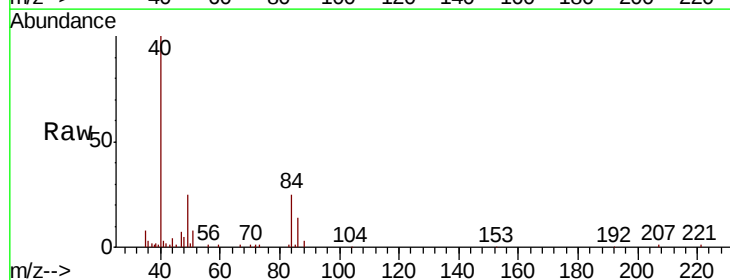
Tgt Ion: 84 Resp: 10935

Ion Ratio Lower Upper

84 100

49 98.4 96.0 178.2

86 53.7 44.4 82.5



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

5000

4000

3000

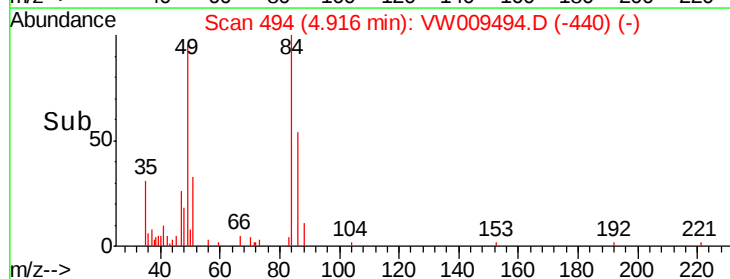
2000

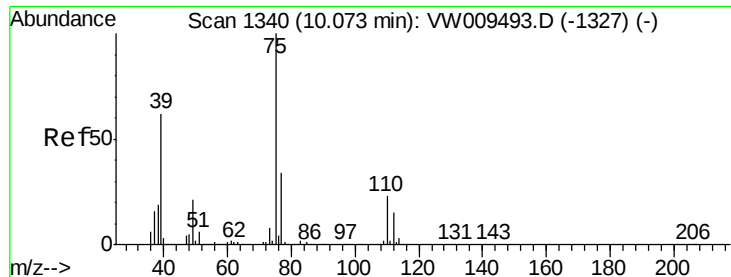
1000

0

4.80 4.85 4.90 4.95 5.00

Time-->





#42

cis-1,3-Dichloropropene

Concen: 0.663 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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ClientSampleId :

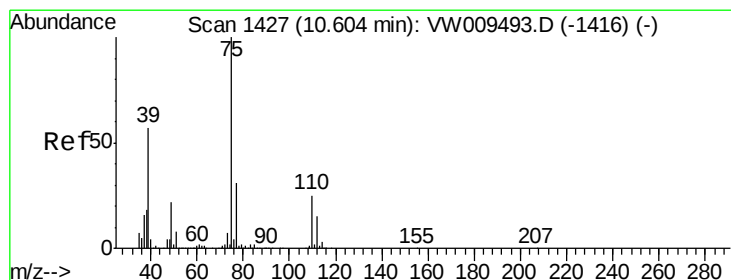
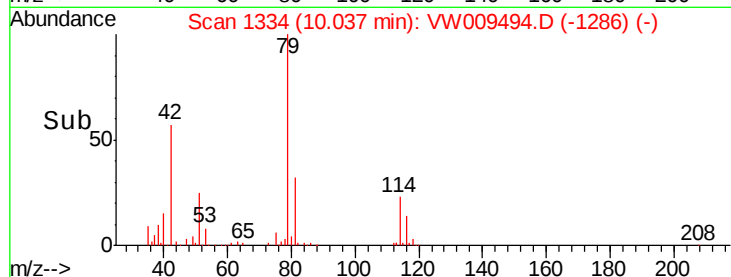
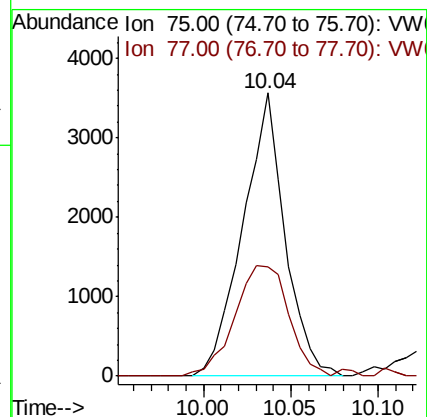
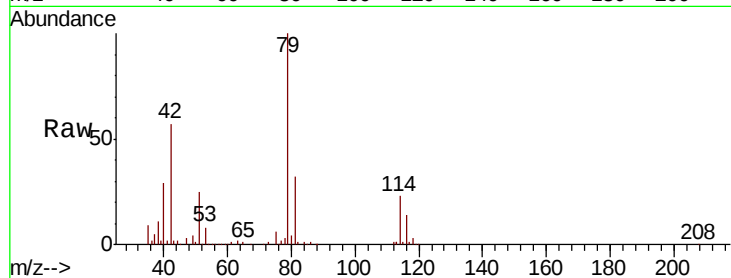
VBLK14

Tot Ion: 75 Resp: 5968

Ion Ratio Lower Upper

75 100

77 38.6 21.6 40.2



#45

trans-1,3-Dichloropropene

Concen: 0.545 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009494.D

Acq: 27 Mar 2019 11:00

Tgt Ion: 75 Resp: 4263

Ion Ratio Lower Upper

75 100

77 47.4 22.5 41.7#

