

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009495.D
 Acq On : 27 Mar 2019 11:40
 Operator : SY/VA
 Sample : K1986-22
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK02

Quant Time: Mar 28 05:00:00 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	457192	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	428878	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	197931	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	117056	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.72%
7) Chloroethane-d5	2.89	69	121742	19.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.16%
10) 1,1-Dichloroethene-d2	4.01	63	202634	17.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.64%
20) 2-Butanone-d5	7.07	46	87678	38.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.62%
24) Chloroform-d	7.64	84	291018	23.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.28%
26) 1,2-Dichloroethane-d4	8.37	65	187	0.02	ug/L	0.07
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	540341	22.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.40%
33) 1,2-Dichloropropane-d6	9.27	67	168921	23.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.12%
37) Toluene-d8	10.32	98	498339	22.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.16%
38) trans-1,3-Dichloropropene-	10.58	79	73159	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.04%
39) 2-Hexanone-d5	10.93	63	64054	37.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	146018	20.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	183611	24.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.76%

Target Compounds

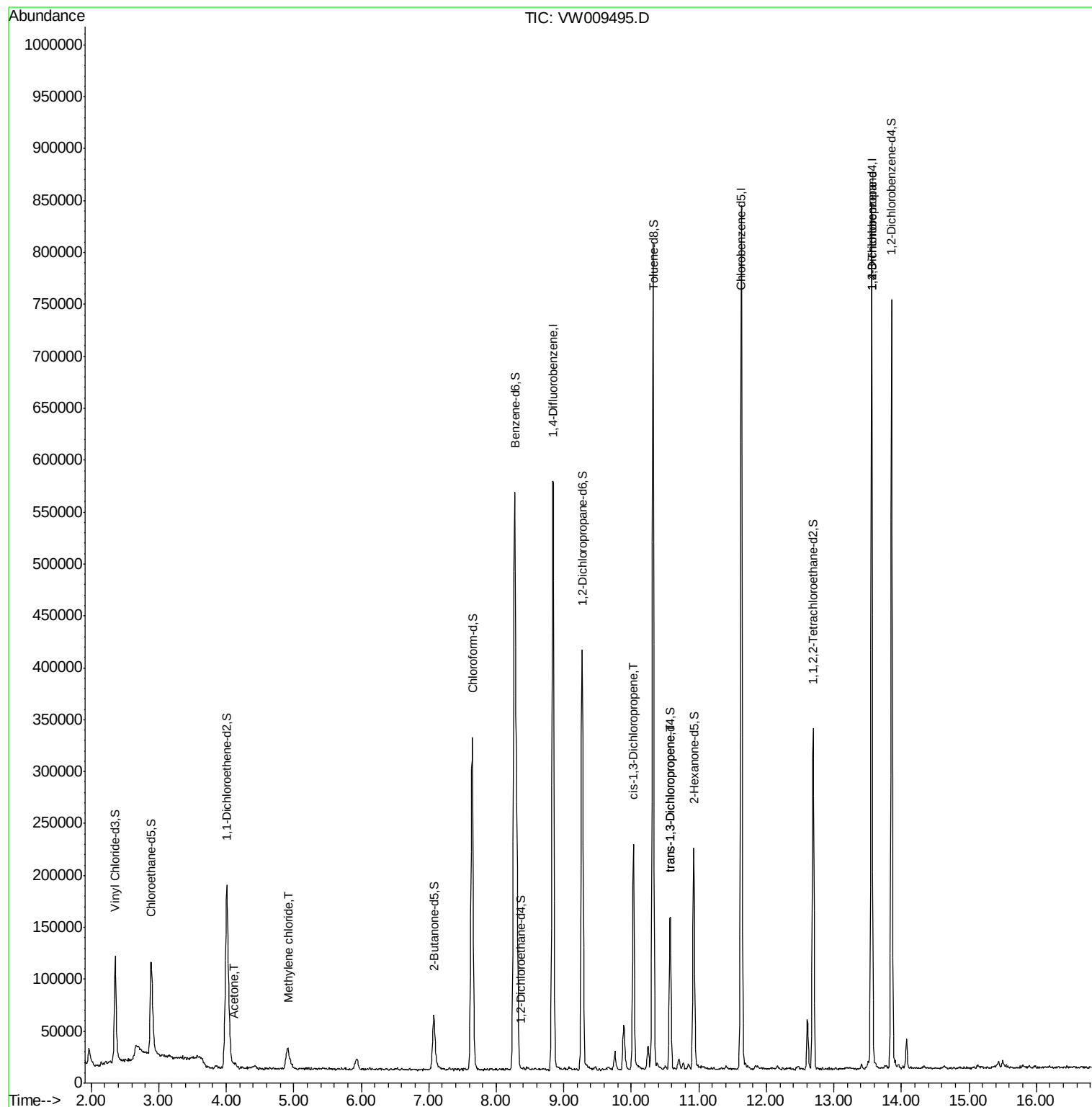
					Ovalue
13) Acetone	4.12	43	4031	2.176	ug/L 58
16) Methylene chloride	4.92	84	16209	2.431	ug/L 94
42) cis-1,3-Dichloropropene	10.03	75	6223	0.634	ug/L 89
45) trans-1,3-Dichloropropene	10.57	75	4030	0.472	ug/L 95
59) 1,2,3-Trichloropropane	13.56	75	27610	5.739	ug/L 95

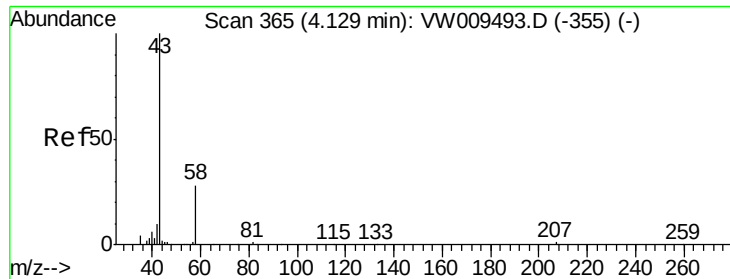
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.176 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW009495.D

Acq: 27 Mar 2019 11:40

Instrument :

MSVOA_W

ClientSampled :

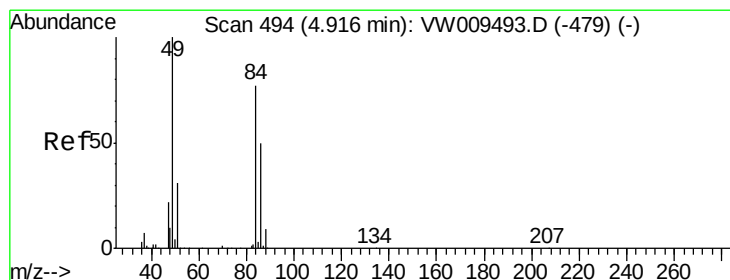
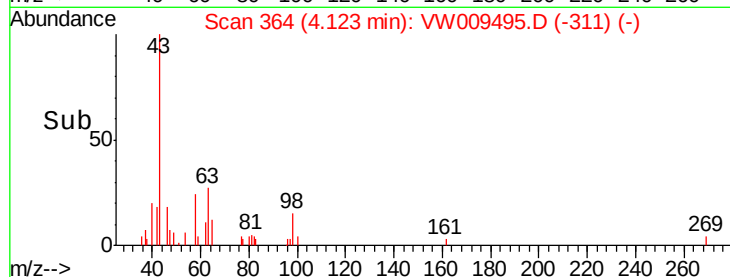
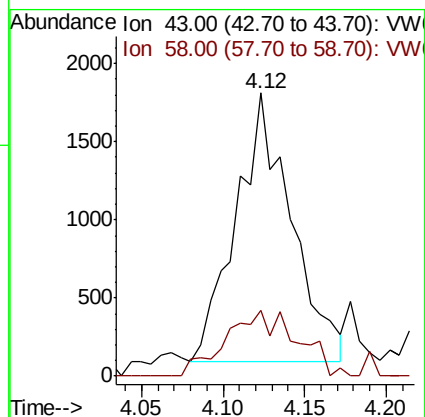
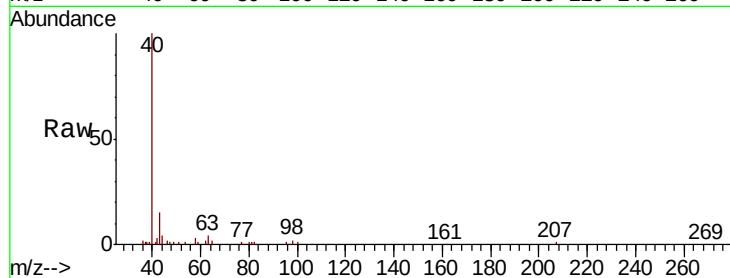
VHBLK02

Tot Ion: 43 Resp: 4031

Ion Ratio Lower Upper

43 100

58 6.1 0.0 56.2



#16

Methylene chloride

Concen: 2.431 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW009495.D

Acq: 27 Mar 2019 11:40

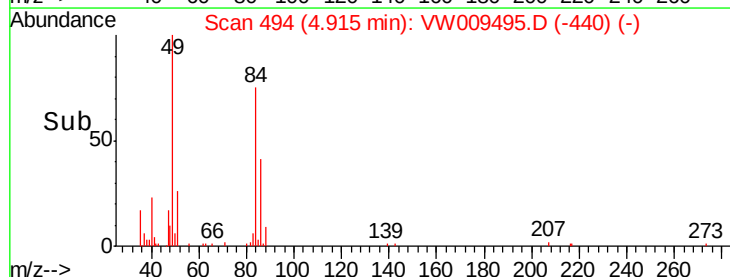
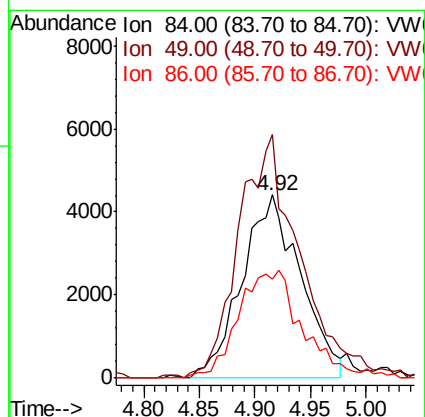
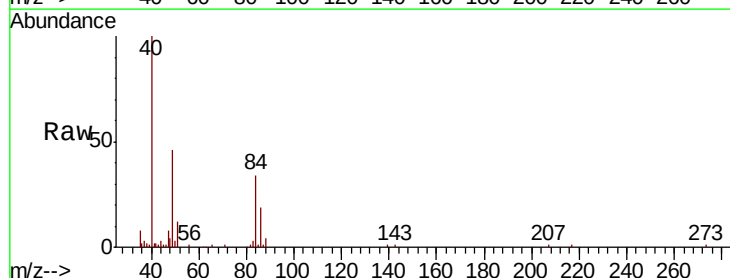
Tgt Ion: 84 Resp: 16209

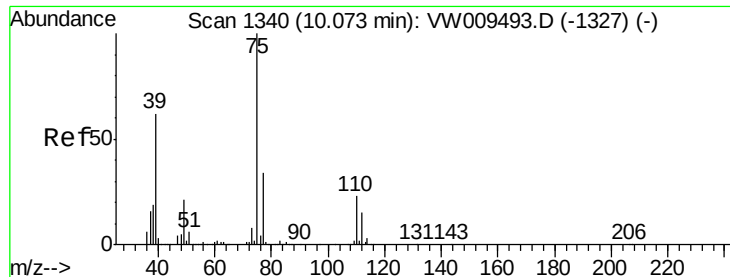
Ion Ratio Lower Upper

84 100

49 132.8 96.0 178.2

86 54.0 44.4 82.5





#42

cis-1,3-Dichloropropene

Concen: 0.634 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009495.D

Acq: 27 Mar 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

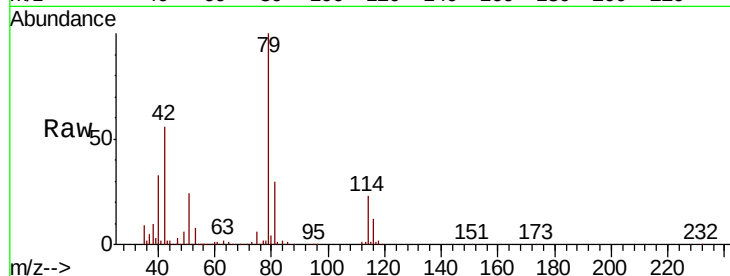
VHBLK02

Tot Ion: 75 Resp: 6223

Ion Ratio Lower Upper

75 100

77 37.0 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.03

4000

3000

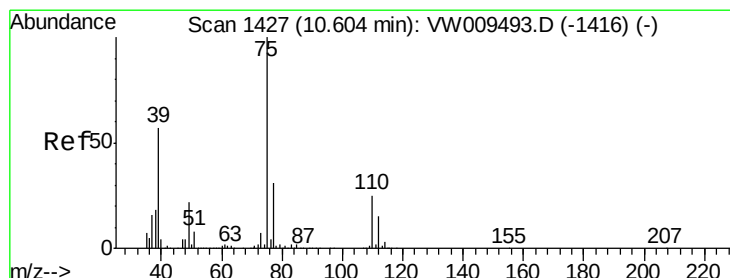
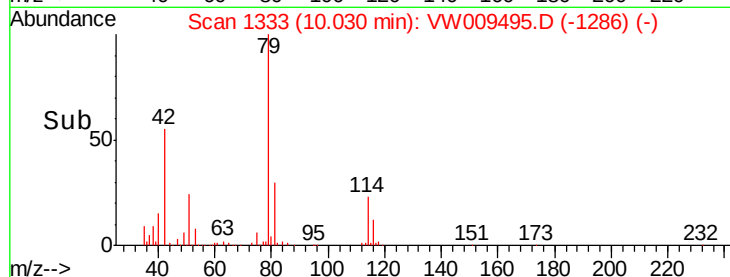
2000

1000

0

9.95 10.00 10.05 10.10

Time-->



#45

trans-1,3-Dichloropropene

Concen: 0.472 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009495.D

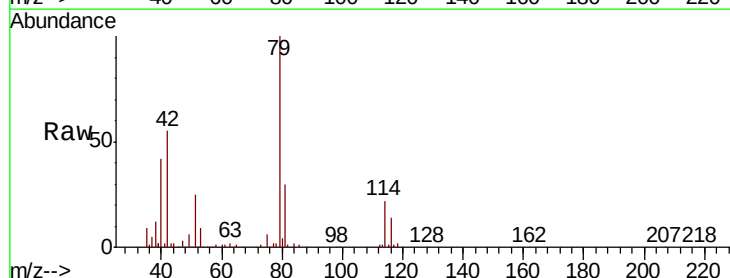
Acq: 27 Mar 2019 11:40

Tgt Ion: 75 Resp: 4030

Ion Ratio Lower Upper

75 100

77 29.3 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.57

2500

2000

1500

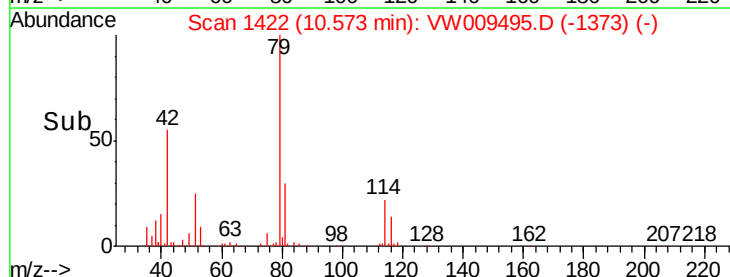
1000

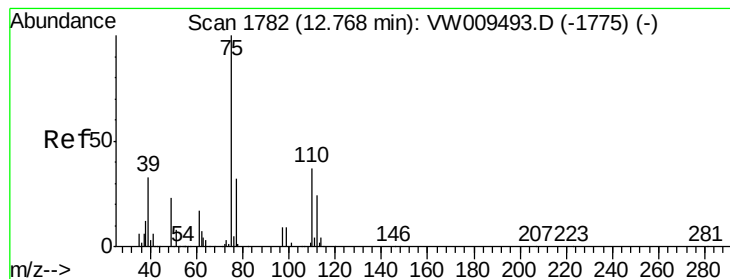
500

0

10.55 10.60

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.739 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009495.D

Acq: 27 Mar 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

VHBLK02

Tot Ion: 75 Resp: 27610

Ion Ratio Lower Upper

75 100

77 35.7 26.2 39.2

