

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009499.D
 Acq On : 27 Mar 2019 13:29
 Operator : SY/VA
 Sample : K2031-22
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Mar 28 05:00:27 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	379650	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	369488	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	165527	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	109710	24.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.72%
7) Chloroethane-d5	2.89	69	120829	22.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.04%
10) 1,1-Dichloroethene-d2	4.01	63	182433	18.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.44%
20) 2-Butanone-d5	7.07	46	99407	52.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.96%
24) Chloroform-d	7.64	84	273076	26.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.44%
26) 1,2-Dichloroethane-d4	8.49	65	82	0.01	ug/L	0.19
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	514161	25.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.92%
33) 1,2-Dichloropropane-d6	9.27	67	161577	26.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.60%
37) Toluene-d8	10.32	98	465165	24.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.76%
38) trans-1,3-Dichloropropene-	10.57	79	71263	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.72%
39) 2-Hexanone-d5	10.93	63	69924	47.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	155650	25.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	175525	27.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.60%

Target Compounds

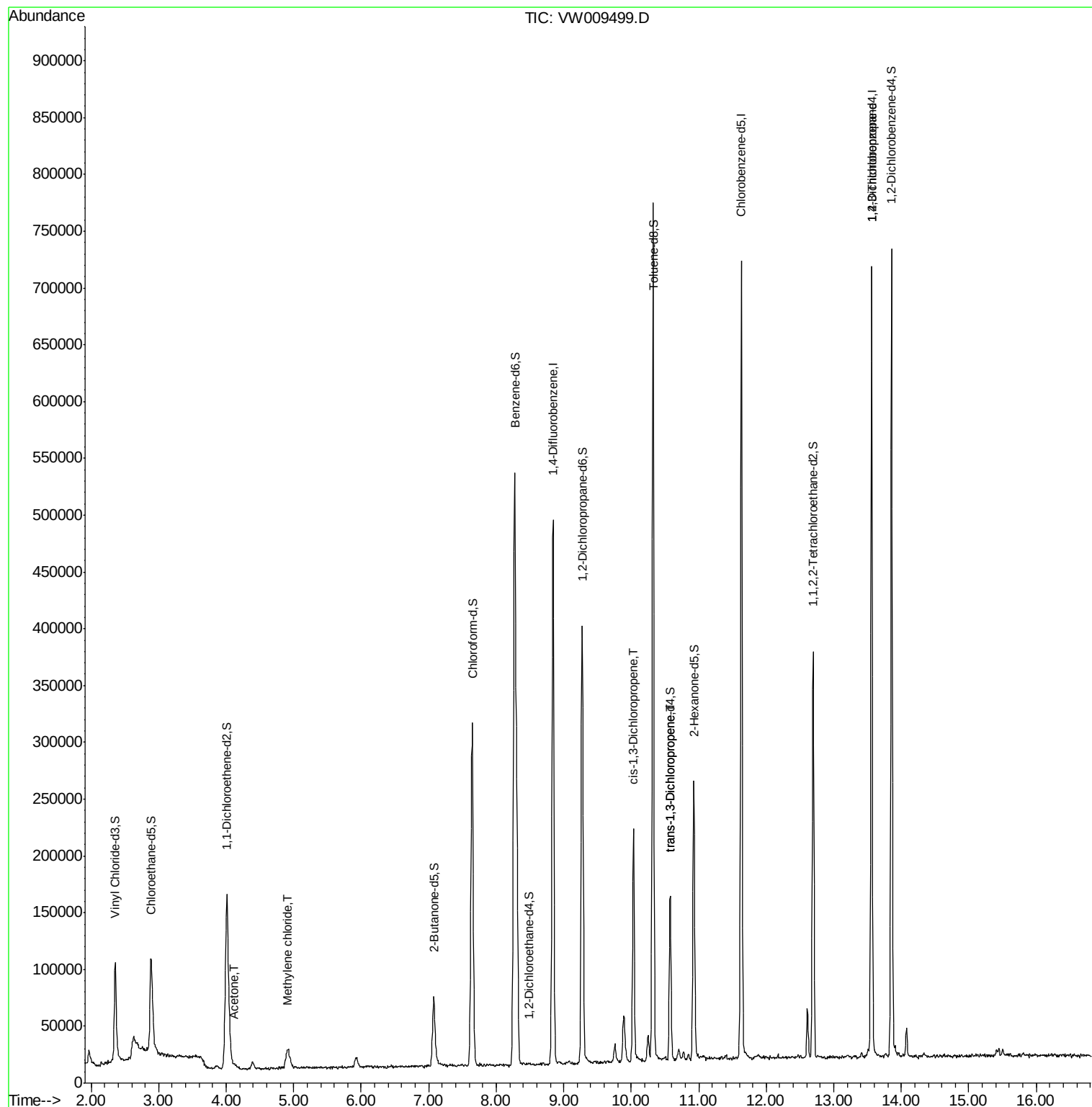
					Ovalue
13) Acetone	4.12	43	3347	2.175 ug/L	76
16) Methylene chloride	4.90	84	14956	2.701 ug/L	82
42) cis-1,3-Dichloropropene	10.04	75	5899	0.698 ug/L	87
45) trans-1,3-Dichloropropene	10.58	75	4078	0.555 ug/L #	72
59) 1,2,3-Trichloropropane	13.56	75	22634	5.460 ug/L	92

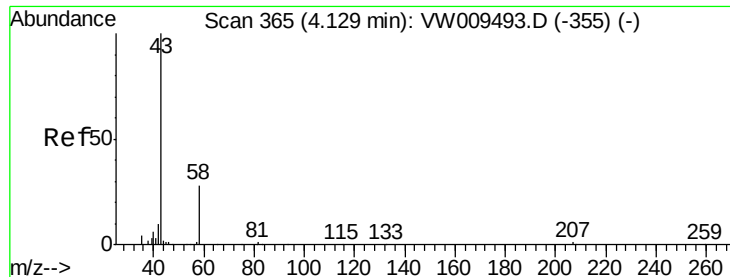
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.175 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

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Acq: 27 Mar 2019 13:29

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ClientSampleId :

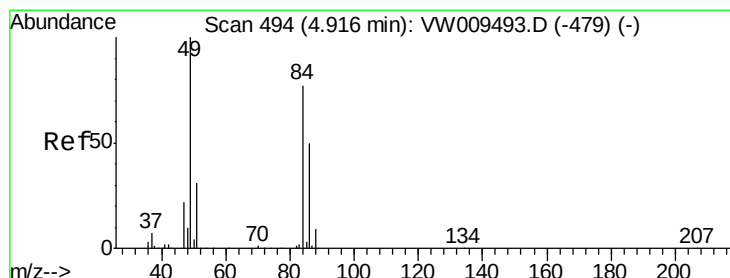
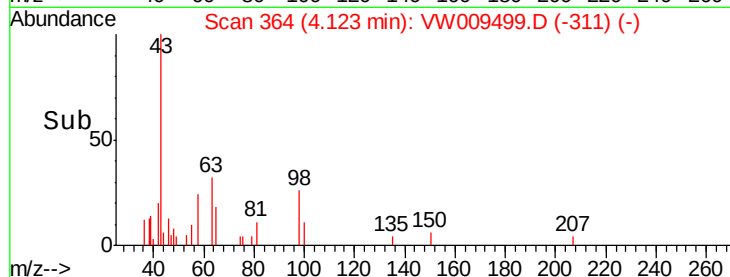
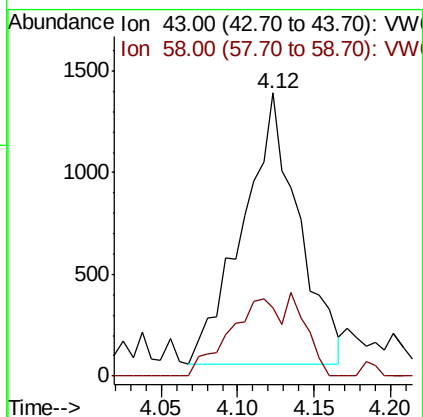
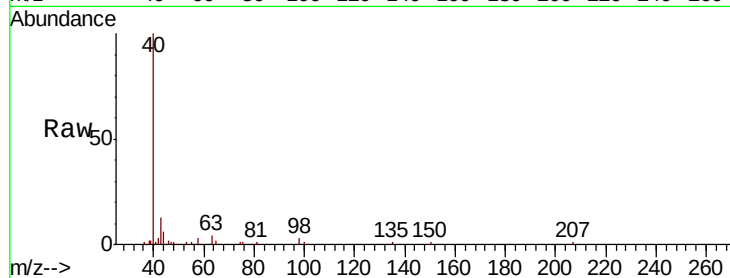
VHBLK01

Tot Ion: 43 Resp: 3347

Ion Ratio Lower Upper

43 100 0.0 56.2

58 15.6 0.0 56.2



#16

Methylene chloride

Concen: 2.701 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW009499.D

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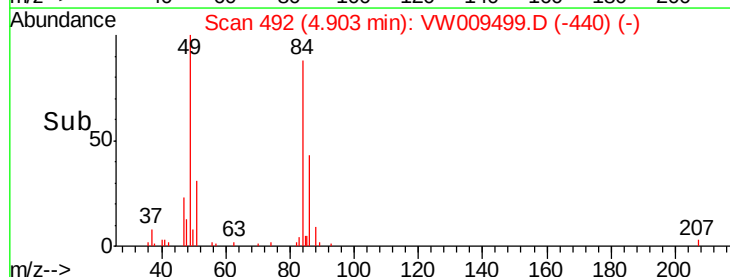
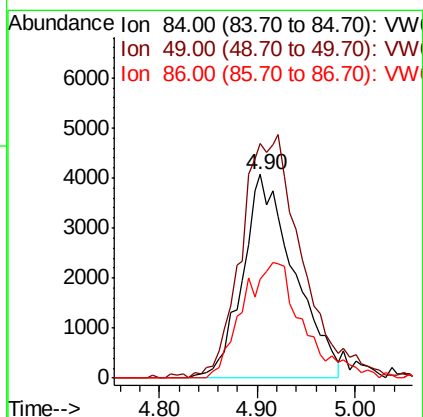
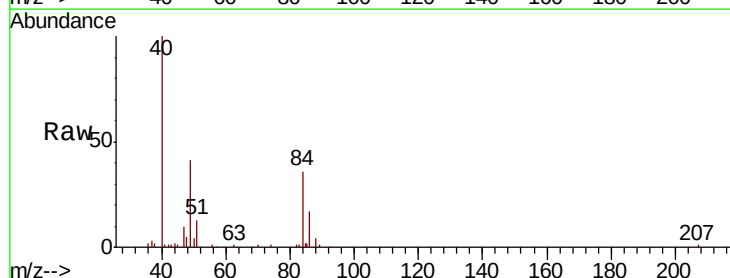
Tgt Ion: 84 Resp: 14956

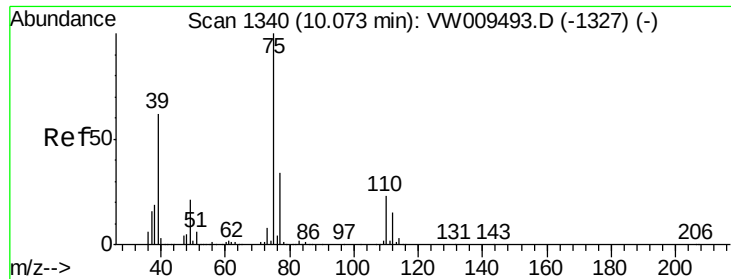
Ion Ratio Lower Upper

84 100 96.0 178.2

49 115.3 44.4 82.5

86 48.7 44.4 82.5





#42

cis-1,3-Dichloropropene

Concen: 0.698 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

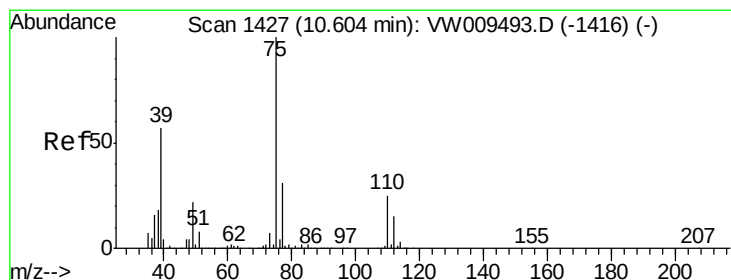
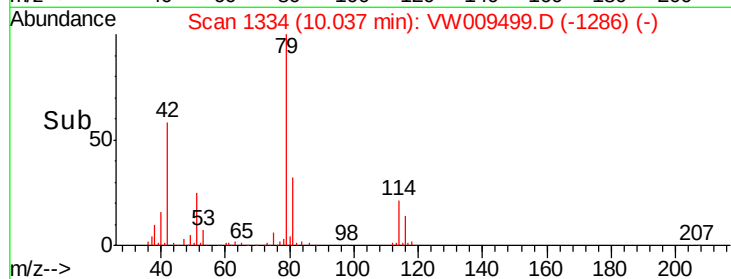
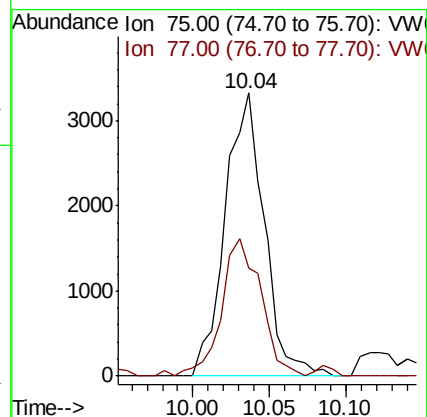
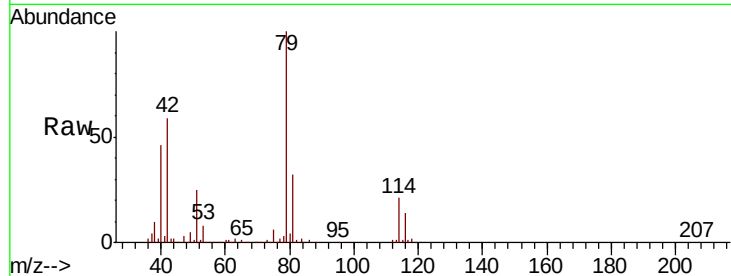
VHBLK01

Tot Ion: 75 Resp: 5899

Ion Ratio Lower Upper

75 100

77 38.0 21.6 40.2



#45

trans-1,3-Dichloropropene

Concen: 0.555 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009499.D

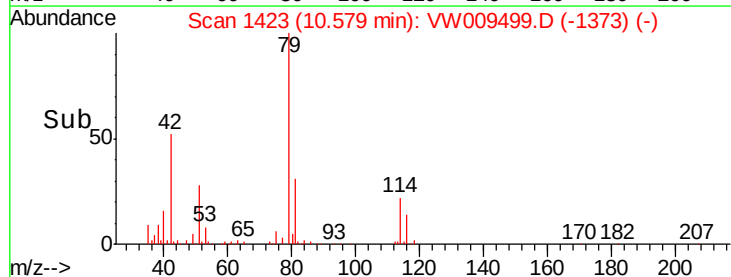
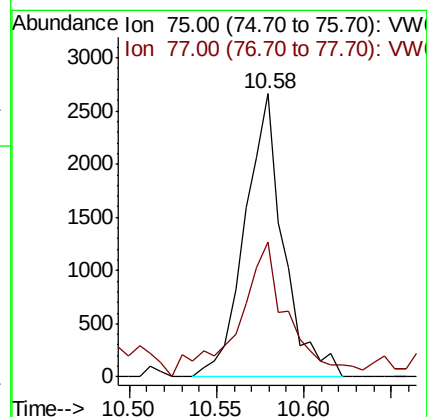
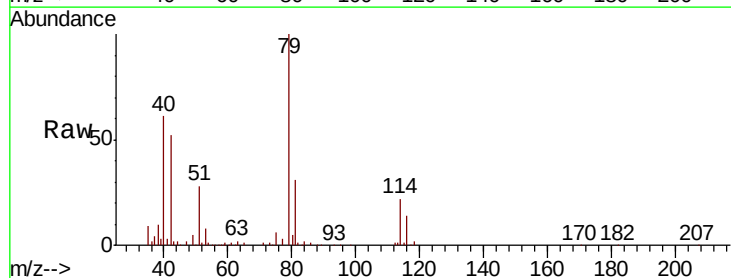
Acq: 27 Mar 2019 13:29

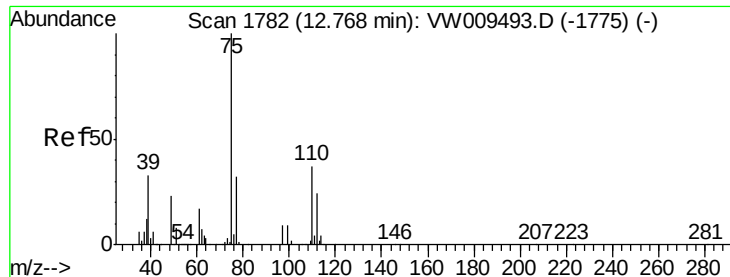
Tgt Ion: 75 Resp: 4078

Ion Ratio Lower Upper

75 100

77 47.6 22.5 41.7#





#59

1,2,3-Trichloropropane

Concen: 5.460 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009499.D

Acq: 27 Mar 2019 13:29

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 22634

Ion Ratio Lower Upper

75 100

77 37.3 26.2 39.2

