

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009496.D
 Acq On : 27 Mar 2019 12:07
 Operator : SY/VA
 Sample : K1988-03
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Mar 28 05:00:06 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	387584	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	369773	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	169003	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	114556	24.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.92%
7) Chloroethane-d5	2.89	69	125175	23.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.40%
10) 1,1-Dichloroethene-d2	4.01	63	192651	19.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.96%
20) 2-Butanone-d5	7.07	46	105894	55.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.56%
24) Chloroform-d	7.65	84	271016	25.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.48%
26) 1,2-Dichloroethane-d4	8.31	65	168157	26.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.56%
29) Benzene-d6	8.27	84	504222	24.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.92%
33) 1,2-Dichloropropane-d6	9.27	67	159858	26.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.40%
37) Toluene-d8	10.32	98	467036	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.08%
38) trans-1,3-Dichloropropene-	10.58	79	69821	22.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.80%
39) 2-Hexanone-d5	10.93	63	75235	50.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	153856	25.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	171667	26.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.96%

Target Compounds

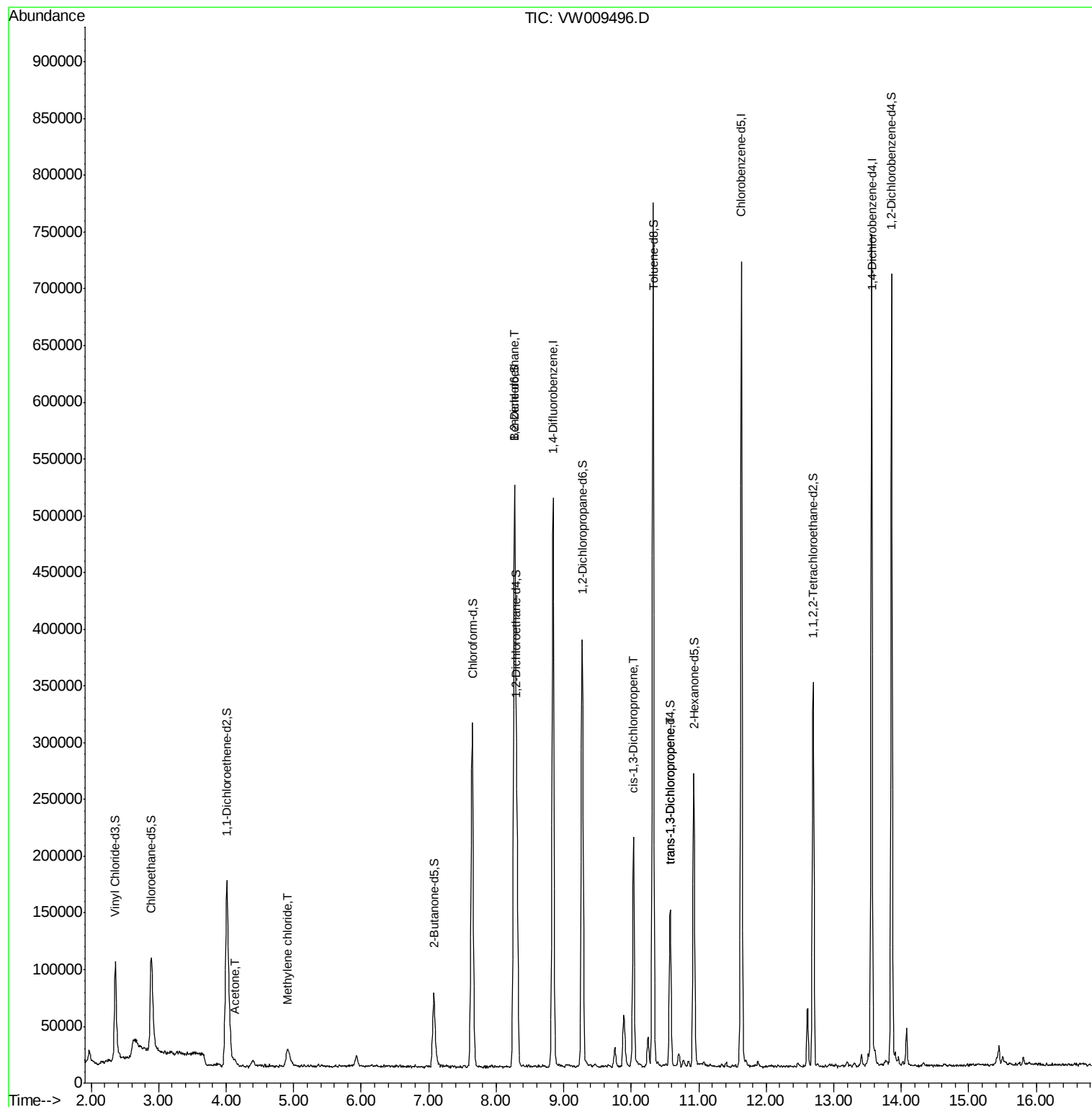
					Ovalue
13) Acetone	4.12	43	6352	4.044 ug/L	89
16) Methylene chloride	4.91	84	13887	2.457 ug/L	95
27) 1,2-Dichloroethane	8.26	62	3387	0.474 ug/L	95
42) cis-1,3-Dichloropropene	10.03	75	5992	0.708 ug/L #	64
45) trans-1,3-Dichloropropene	10.58	75	4167	0.566 ug/L #	74

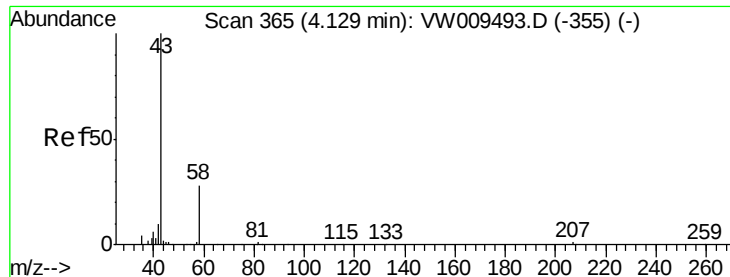
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.044 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW009496.D

Acq: 27 Mar 2019 12:07

Instrument :

MSVOA_W

ClientSampleId :

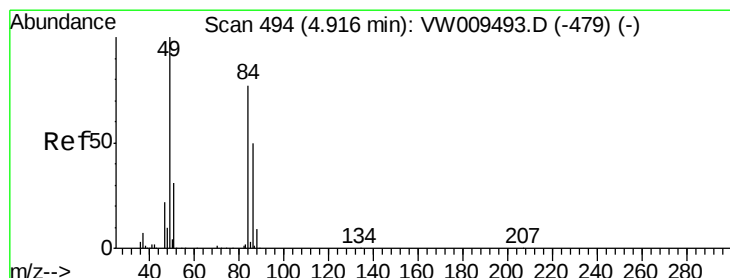
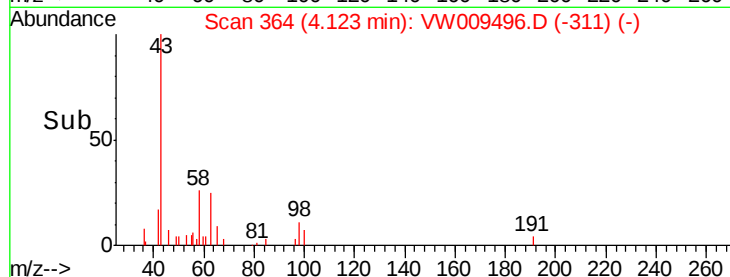
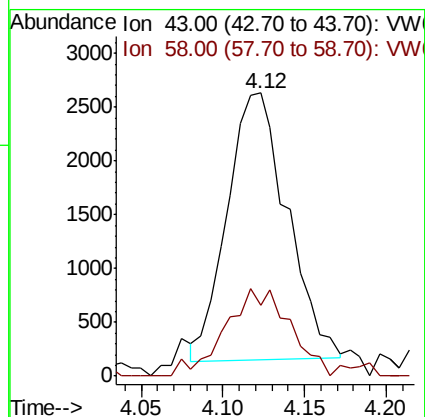
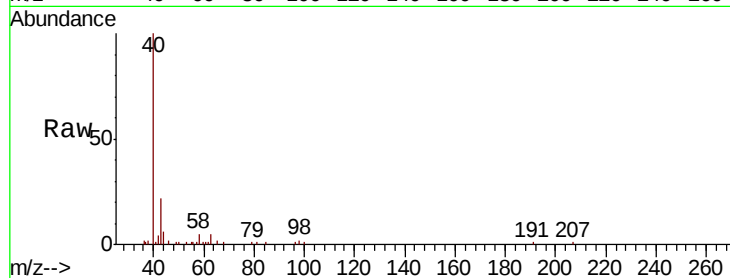
VHBLK01

Tot Ion: 43 Resp: 6352

Ion Ratio Lower Upper

43 100

58 33.8 0.0 56.2



#16

Methylene chloride

Concen: 2.457 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009496.D

Acq: 27 Mar 2019 12:07

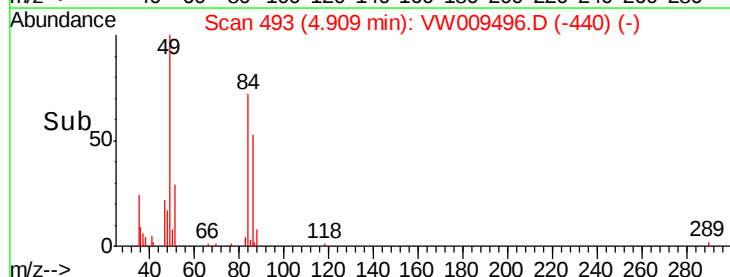
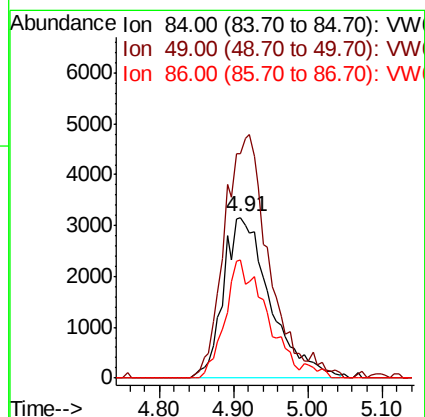
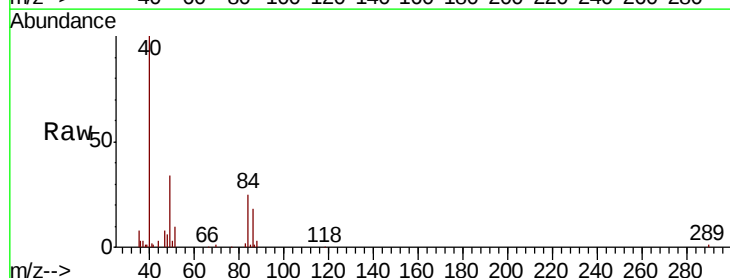
Tgt Ion: 84 Resp: 13887

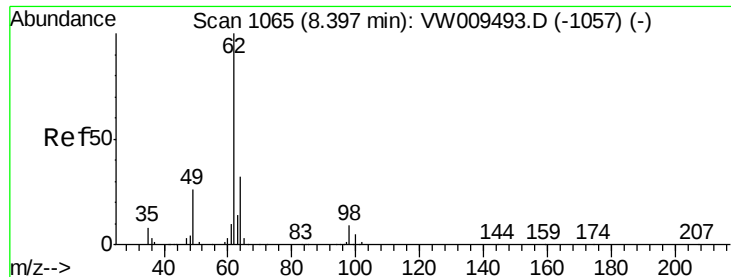
Ion Ratio Lower Upper

84 100

49 139.4 96.0 178.2

86 73.7 44.4 82.5

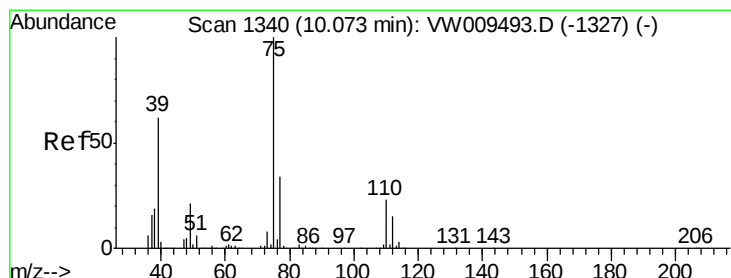
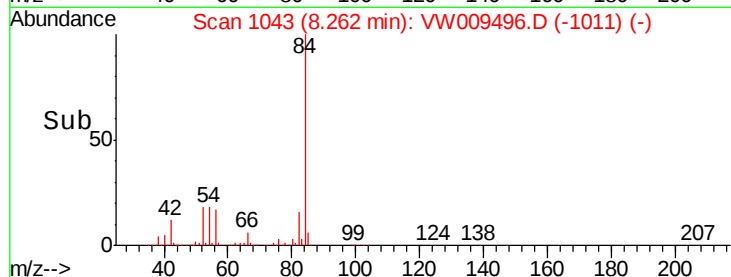
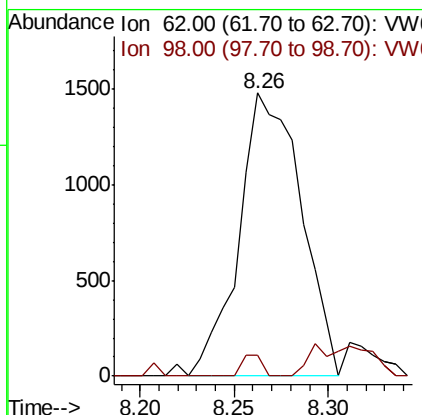
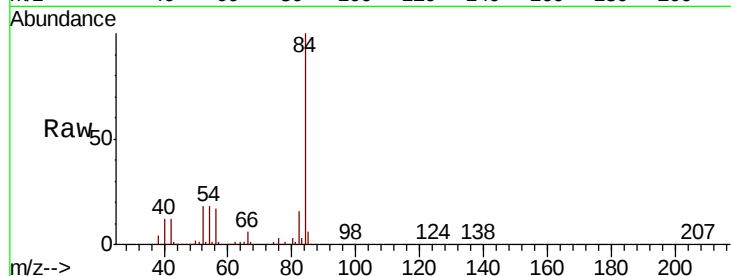




#27
 1,2-Dichloroethane
 Concen: 0.474 ug/L
 RT: 8.26 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW009496.D
 Acq: 27 Mar 2019 12:07

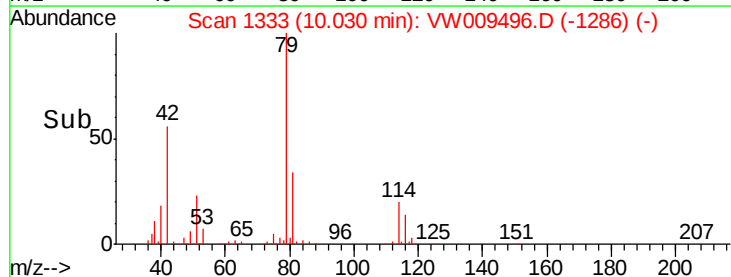
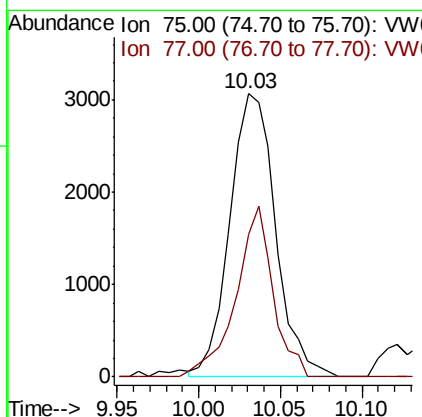
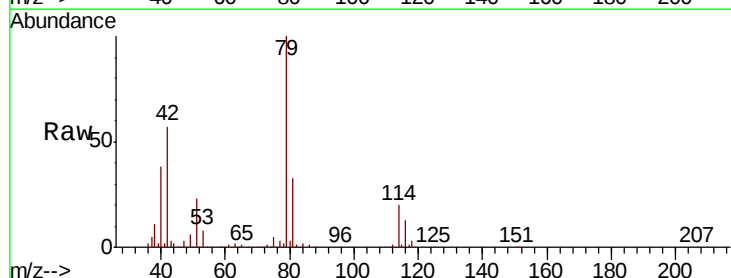
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 MSVOA_W
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 VHBLK01

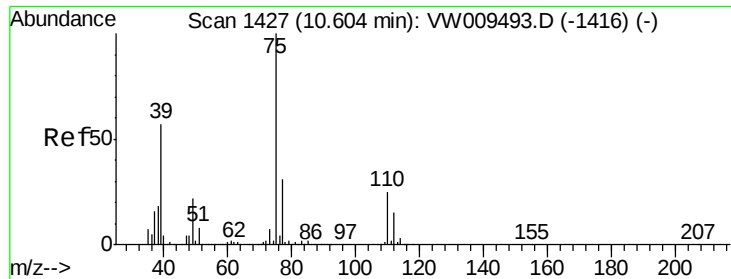
Tot Ion: 62 Resp: 3387
 Ion Ratio Lower Upper
 62 100
 98 7.4 7.3 10.9



#42
 cis-1,3-Dichloropropene
 Concen: 0.708 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW009496.D
 Acq: 27 Mar 2019 12:07

Tgt Ion: 75 Resp: 5992
 Ion Ratio Lower Upper
 75 100
 77 50.6 21.6 40.2#





#45

trans-1,3-Dichloropropene

Concen: 0.566 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009496.D

Acq: 27 Mar 2019 12:07

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 4167

Ion Ratio Lower Upper

75 100

77 46.6 22.5 41.7#

