

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
 Data File : VW017264.D
 Acq On : 16 Nov 2020 18:04
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK17

Quant Time: Nov 17 06:12:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 17 06:08:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	409926	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	380075	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	182282	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	99524	19.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.12%
7) Chloroethane-d5	2.89	69	88344	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.80%
10) 1,1-Dichloroethene-d2	4.03	63	142526	15.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.72%
20) 2-Butanone-d5	7.08	46	54070	46.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.66%
24) Chloroform-d	7.65	84	239803	25.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.24%
26) 1,2-Dichloroethane-d4	8.31	65	122016	25.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.60%
29) Benzene-d6	8.27	84	452601	23.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.52%
33) 1,2-Dichloropropane-d6	9.27	67	129619	24.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.84%
37) Toluene-d8	10.32	98	422428	23.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.60%
38) trans-1,3-Dichloropropene-	10.58	79	52075	21.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.32%
39) 2-Hexanone-d5	10.93	63	43823	46.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114179	24.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	167465	26.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.32%

Target Compounds

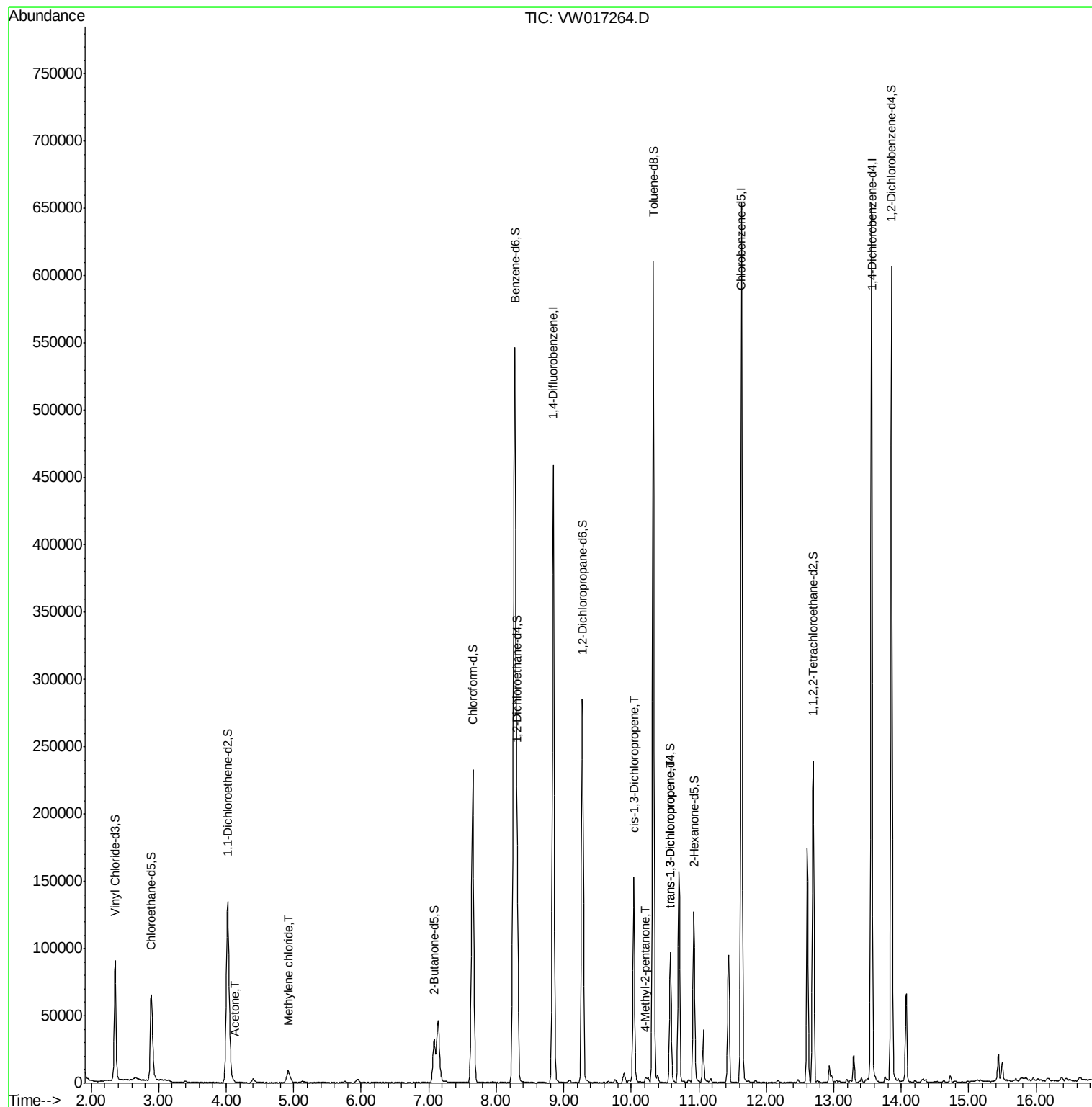
					Ovalue
13) Acetone	4.13	43	286	0.370 ug/L	70
16) Methylene chloride	4.92	84	7639	1.382 ug/L	93
42) cis-1,3-Dichloropropene	10.04	75	4433	0.600 ug/L #	66
43) 4-Methyl-2-pentanone	10.21	43	3216	1.117 ug/L #	93
45) trans-1,3-Dichloropropene	10.59	75	2799	0.441 ug/L #	80

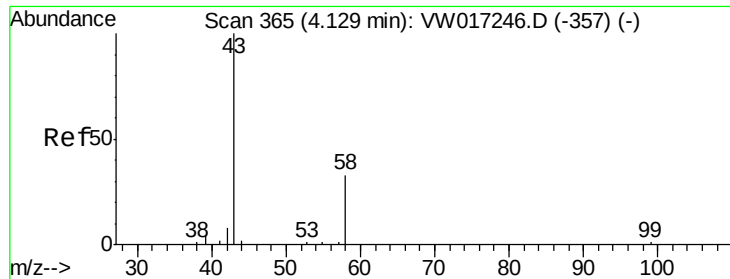
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.370 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017264.D

Acq: 16 Nov 2020 18:04

Instrument :

MSVOA_W

ClientSampleId :

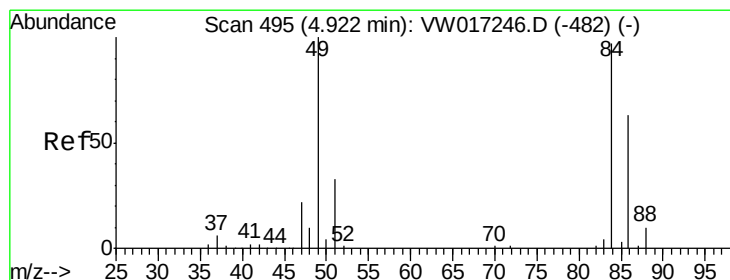
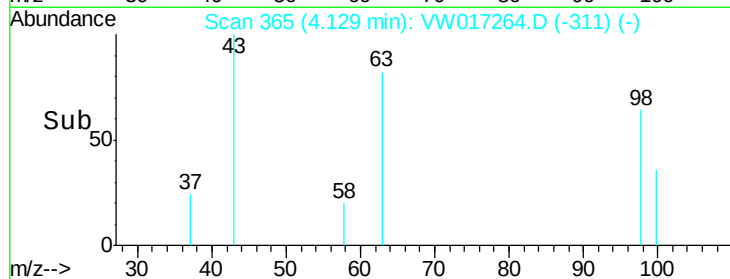
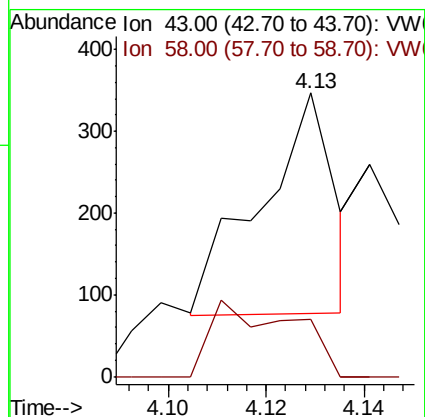
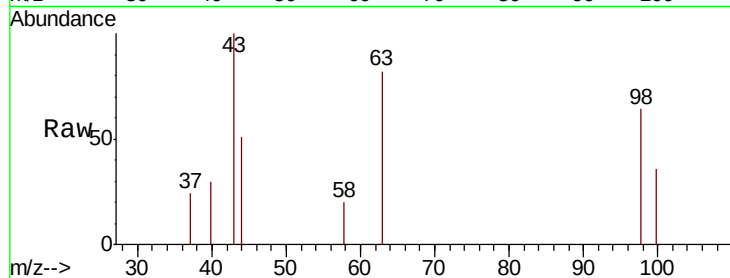
VIBLK17

Tot Ion: 43 Resp: 286

Ion Ratio Lower Upper

43 100

58 17.5 0.0 69.2



#16

Methylene chloride

Concen: 1.382 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017264.D

Acq: 16 Nov 2020 18:04

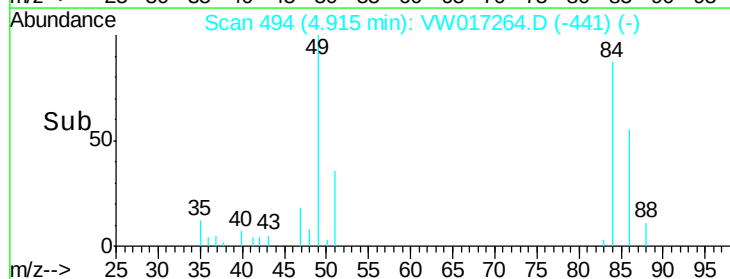
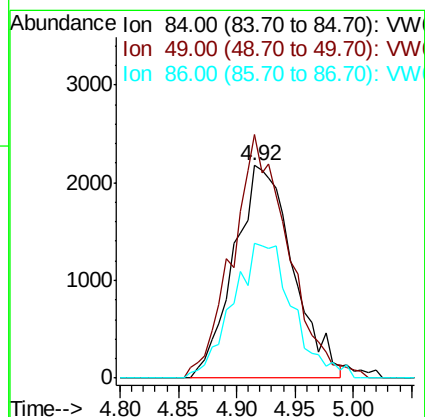
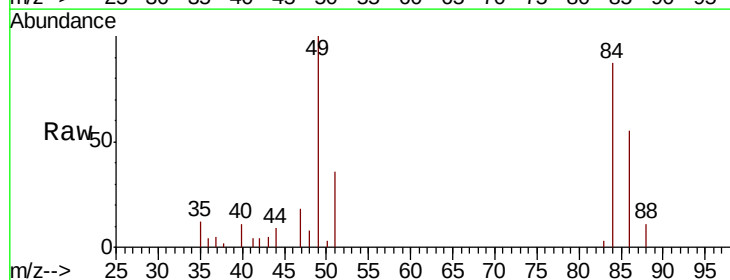
Tgt Ion: 84 Resp: 7639

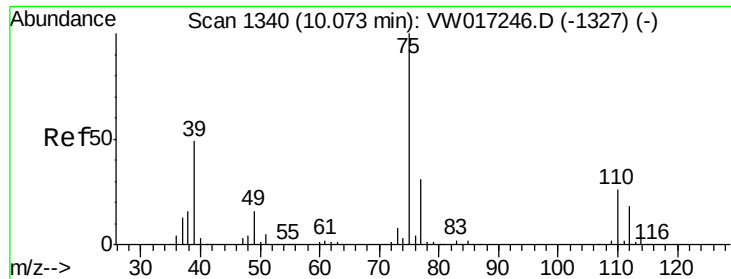
Ion Ratio Lower Upper

84 100

49 114.6 72.3 134.3

86 63.4 45.1 83.7





#42

cis-1,3-Dichloropropene

Concen: 0.600 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017264.D

Acq: 16 Nov 2020 18:04

Instrument :

MSVOA_W

ClientSampled :

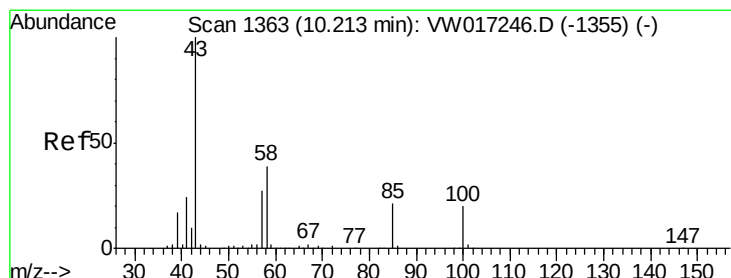
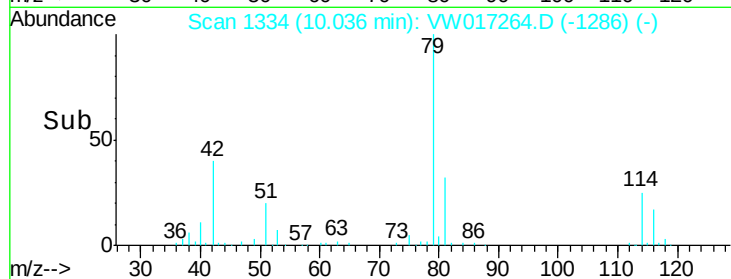
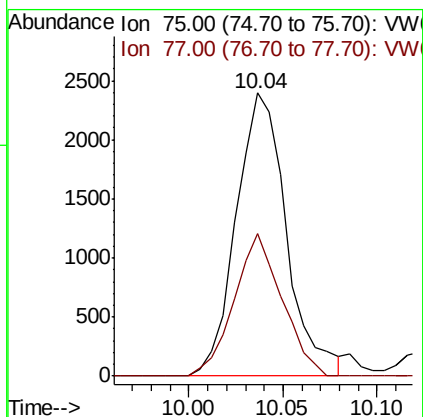
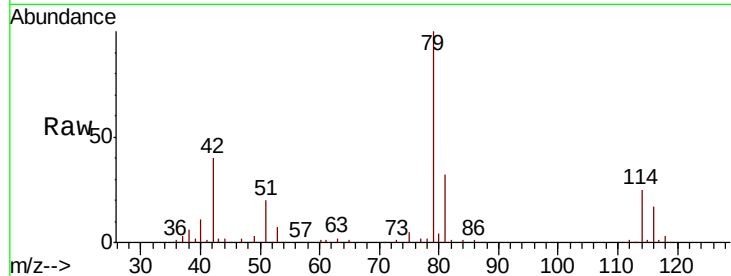
VIBLK17

Tot Ion: 75 Resp: 4433

Ion Ratio Lower Upper

75 100

77 50.5 22.0 41.0#



#43

4-Methyl-2-pentanone

Concen: 1.117 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW017264.D

Acq: 16 Nov 2020 18:04

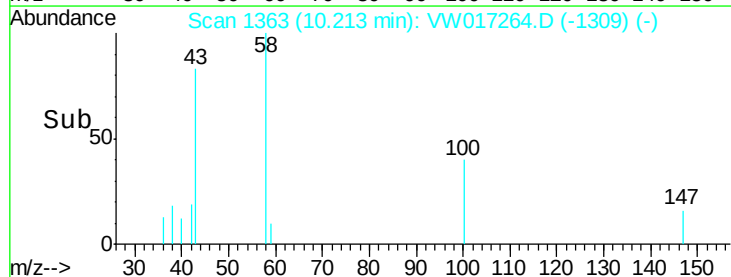
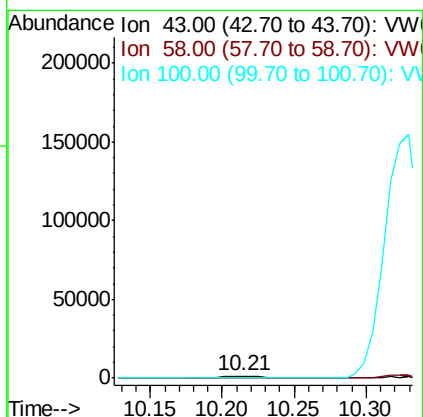
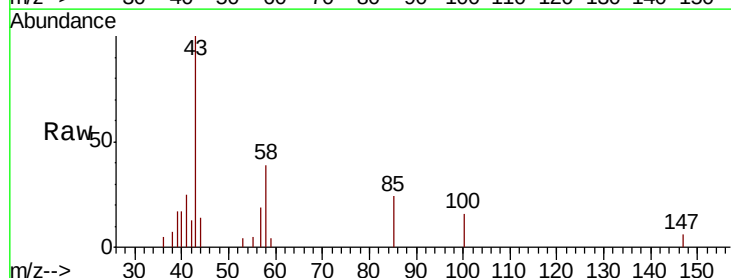
Tgt Ion: 43 Resp: 3216

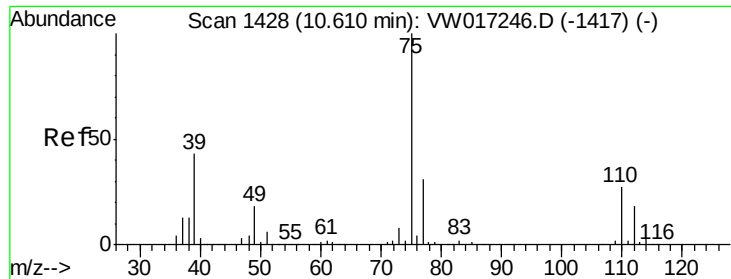
Ion Ratio Lower Upper

43 100

58 40.2 35.0 52.6

100 15.5 16.6 24.8#





#45

trans-1,3-Dichloropropene

Concen: 0.441 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017264.D

Acq: 16 Nov 2020 18:04

Instrument :

MSVOA_W

ClientSampleId :

VIBLK17

Tot Ion: 75 Resp: 2799

Ion Ratio Lower Upper

75 100

77 42.5 22.1 41.1#

