

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111320\
 Data File : VW017209.D
 Acq On : 13 Nov 2020 13:52
 Operator : SY/VA
 Sample : L4693-11
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Nov 16 14:15:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 11:48:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	397933	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	367850	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	177700	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	102115	20.37	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.48%
7) Chloroethane-d5	2.89	69	89345	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.52%
10) 1,1-Dichloroethene-d2	4.02	63	140783	15.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.80%
20) 2-Butanone-d5	7.09	46	53050	47.33	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.66%
24) Chloroform-d	7.65	84	217142	23.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.48%
26) 1,2-Dichloroethane-d4	8.31	65	115446	25.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.00%
29) Benzene-d6	8.27	84	411832	21.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.92%
33) 1,2-Dichloropropane-d6	9.27	67	114893	22.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.68%
37) Toluene-d8	10.33	98	387667	21.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.80%
38) trans-1,3-Dichloropropene-	10.58	79	50092	21.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.76%
39) 2-Hexanone-d5	10.93	63	44260	48.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109062	24.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	155548	24.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.40%

Target Compounds

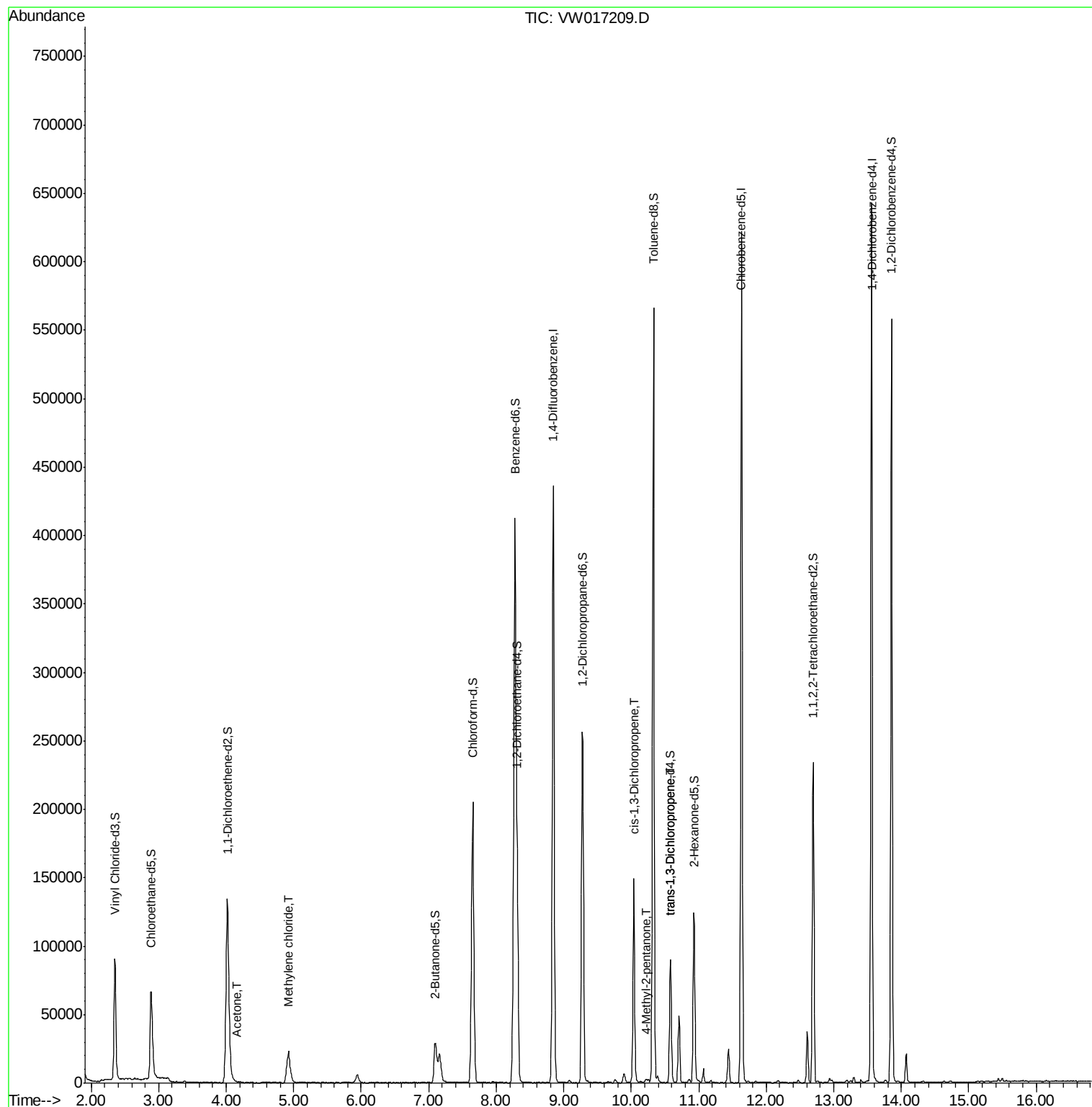
					Ovalue
13) Acetone	4.15	43	308	0.410 ug/L	68
16) Methylene chloride	4.92	84	20746	3.867 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	4243	0.593 ug/L #	68
43) 4-Methyl-2-pentanone	10.22	43	1959	0.703 ug/L #	91
45) trans-1,3-Dichloropropene	10.58	75	2759	0.449 ug/L #	82

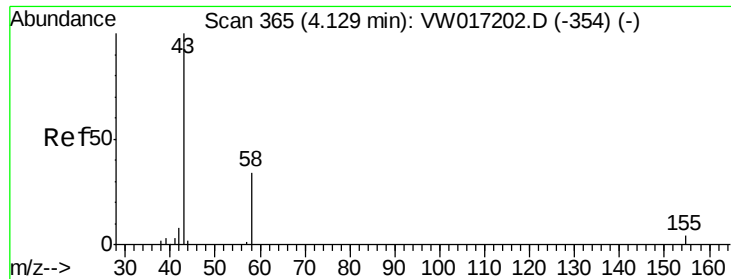
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 16 11:48:24 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.410 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.02 min

Lab File: VW017209.D

Acq: 13 Nov 2020 13:52

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MSVOA_W

ClientSampleId :

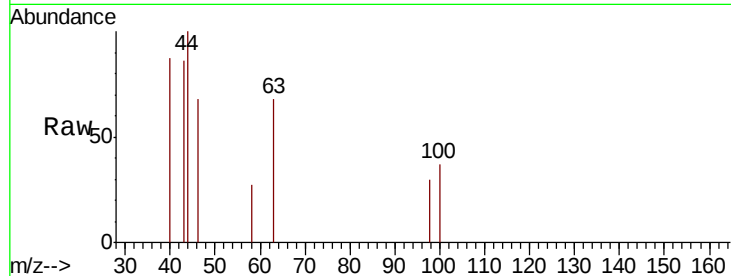
VHBLK01

Tot Ion: 43 Resp: 308

Ion Ratio Lower Upper

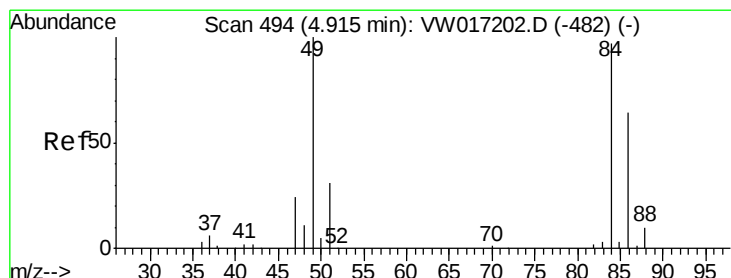
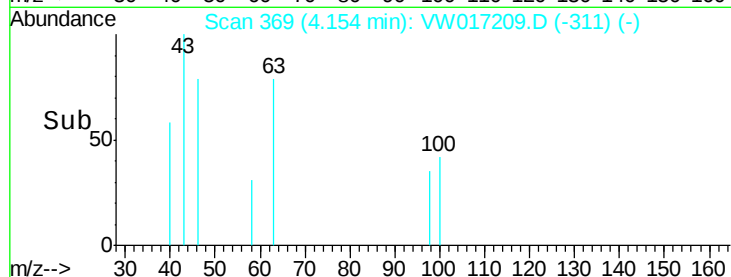
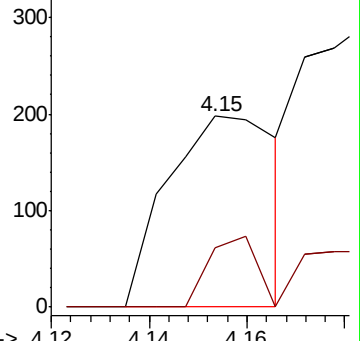
43 100

58 15.9 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.867 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017209.D

Acq: 13 Nov 2020 13:52

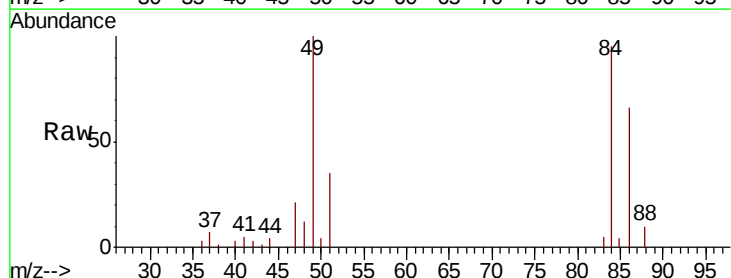
Tgt Ion: 84 Resp: 20746

Ion Ratio Lower Upper

84 100

49 105.7 72.3 134.3

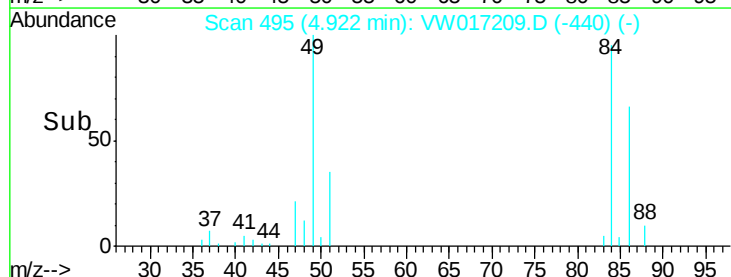
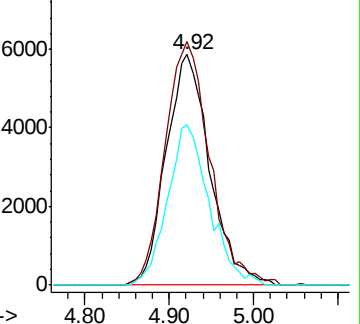
86 69.4 45.1 83.7

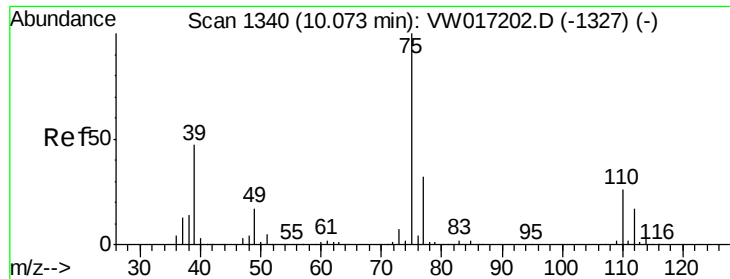


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.593 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

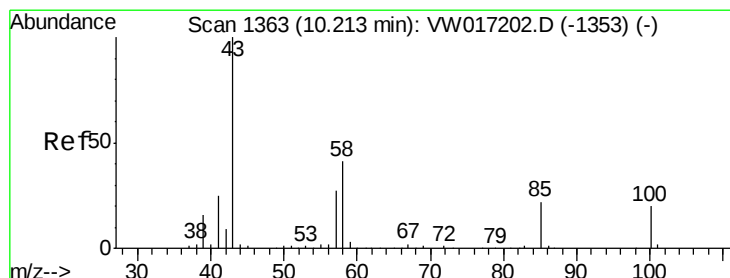
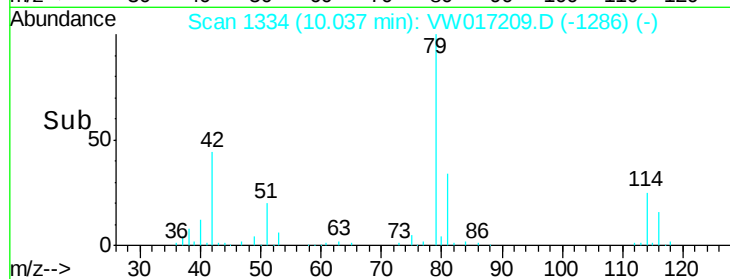
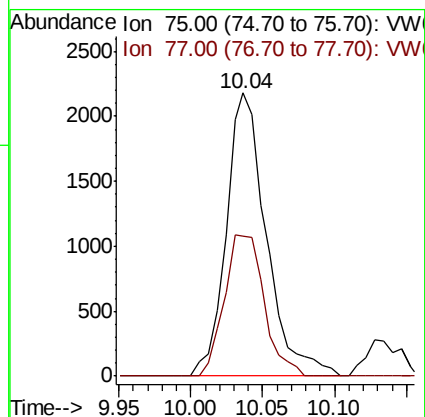
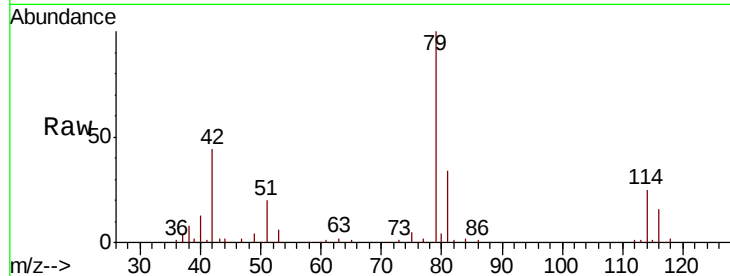
VHBLK01

Tot Ion: 75 Resp: 4243

Ion Ratio Lower Upper

75 100

77 49.3 22.0 41.0#



#43

4-Methyl-2-pentanone

Concen: 0.703 ug/L

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW017209.D

Acq: 13 Nov 2020 13:52

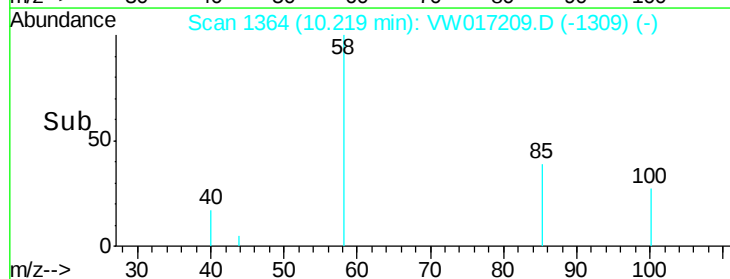
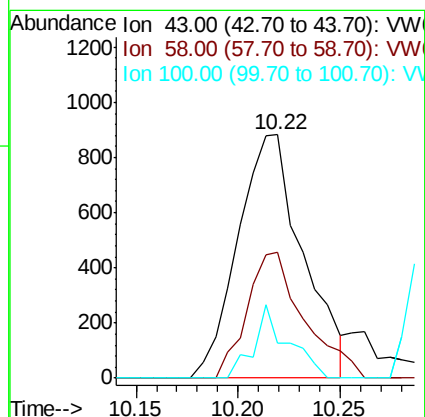
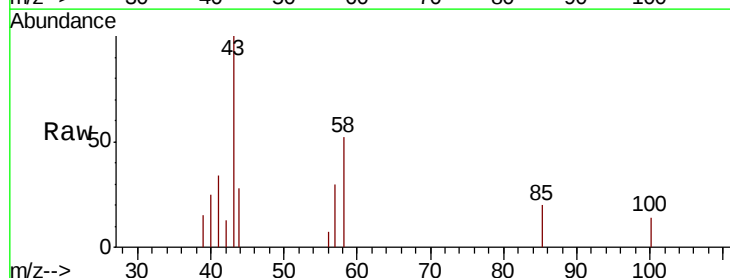
Tgt Ion: 43 Resp: 1959

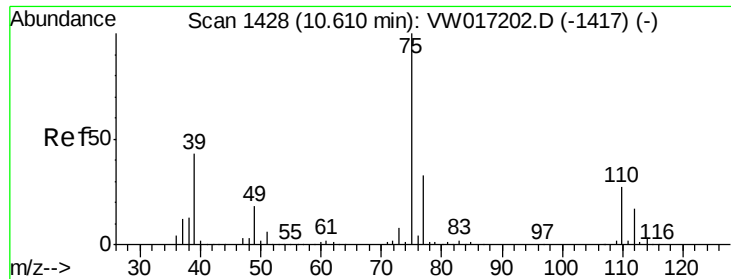
Ion Ratio Lower Upper

43 100

58 45.3 35.0 52.6

100 10.4 16.6 24.8#





#45

trans-1,3-Dichloropropene

Concen: 0.449 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017209.D

Acq: 13 Nov 2020 13:52

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 2759

Ion Ratio Lower Upper

75 100

77 41.3 22.1 41.1#

