

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111320\
 Data File : VW017214.D
 Acq On : 13 Nov 2020 15:49
 Operator : SY/VA
 Sample : L4710-19
 Misc : 5.16G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AW5

Quant Time: Nov 16 14:16:32 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	456636	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	409467	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	177559	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	111587	19.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.60%
7) Chloroethane-d5	2.89	69	95315	21.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.04%
10) 1,1-Dichloroethene-d2	4.02	63	161291	15.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.72%
20) 2-Butanone-d5	7.08	46	48703	37.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.74%
24) Chloroform-d	7.65	84	243591	22.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	8.31	65	130415	24.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.44%
29) Benzene-d6	8.27	84	470473	22.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.24%
33) 1,2-Dichloropropane-d6	9.27	67	131901	22.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.48%
37) Toluene-d8	10.32	98	437398	22.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.00%
38) trans-1,3-Dichloropropene-	10.58	79	51841	19.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.76%
39) 2-Hexanone-d5	10.93	63	39163	38.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109195	21.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	143967	23.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.04%

Target Compounds

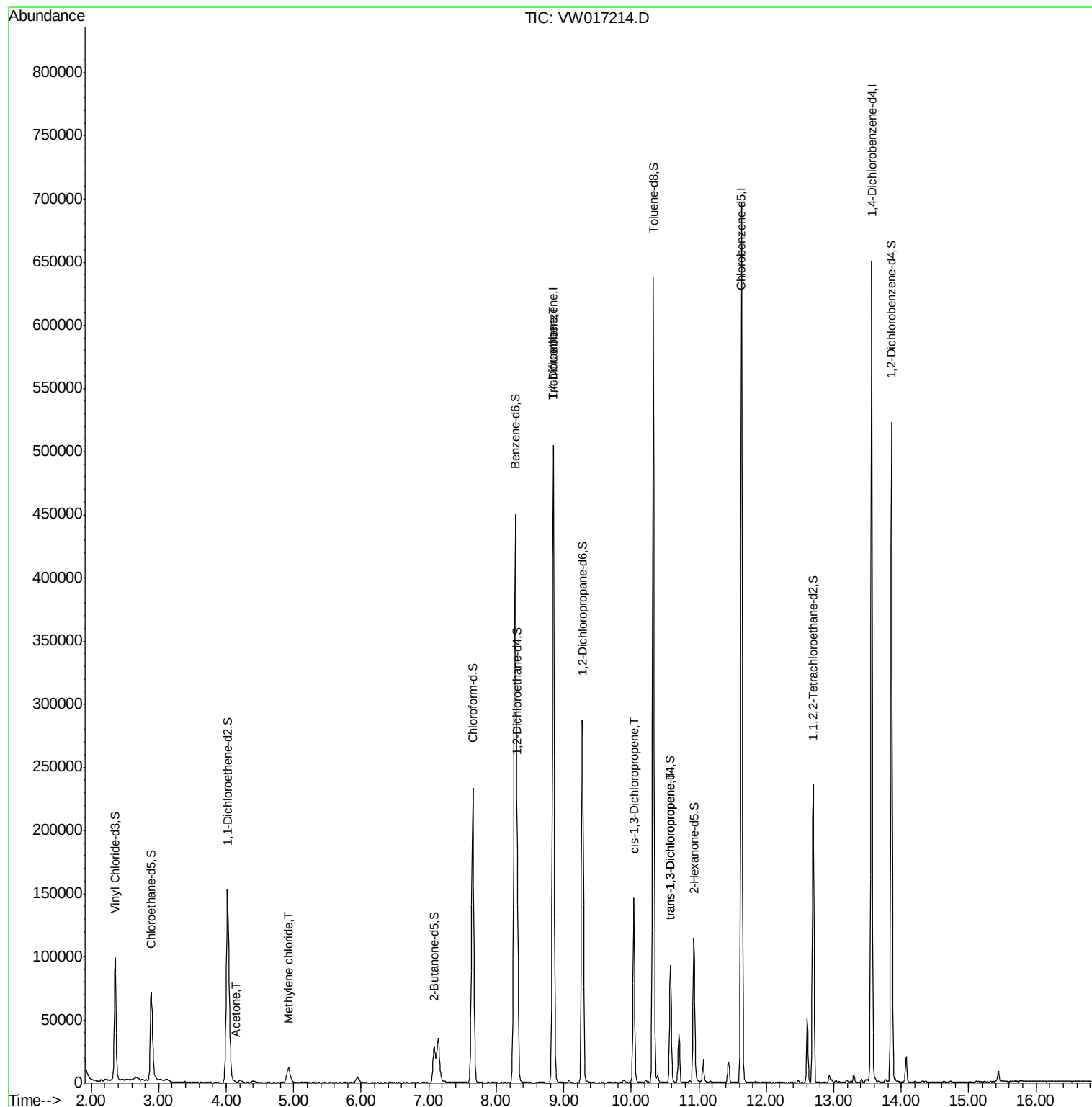
					Ovalue
13) Acetone	4.14	43	514	0.597 ug/L	92
16) Methylene chloride	4.92	84	11369	1.847 ug/L	94
35) Trichloroethene	8.84	95	13422	2.228 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	4099	0.515 ug/L #	71
45) trans-1,3-Dichloropropene	10.58	75	2455	0.359 ug/L	87

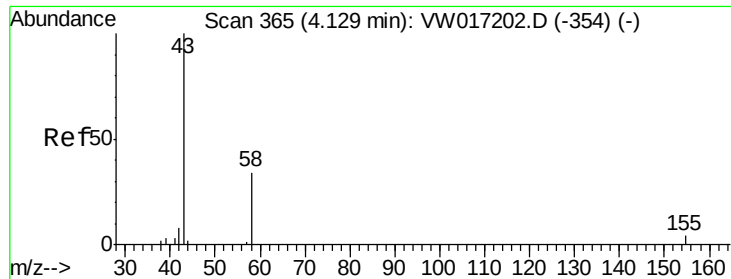
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 0.597 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017214.D

Acq: 13 Nov 2020 15:49

Instrument :

MSVOA_W

ClientSampled :

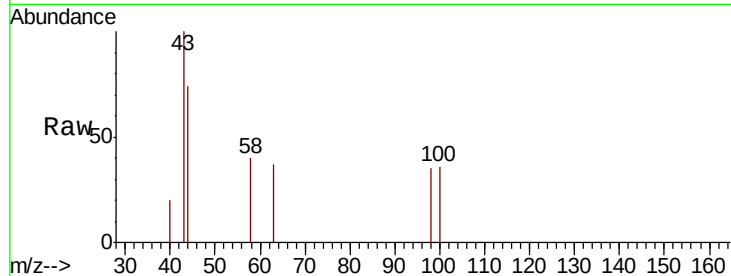
C0AW5

Tot Ion: 43 Resp: 514

Ion Ratio Lower Upper

43 100

58 39.5 0.0 69.2



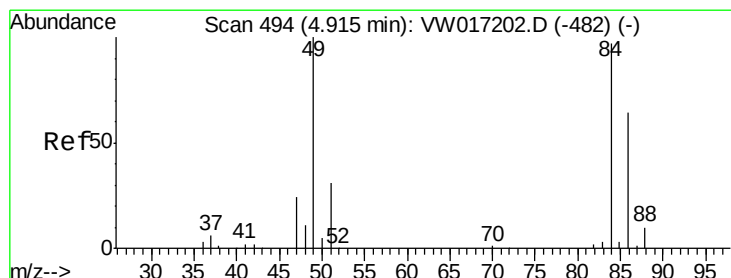
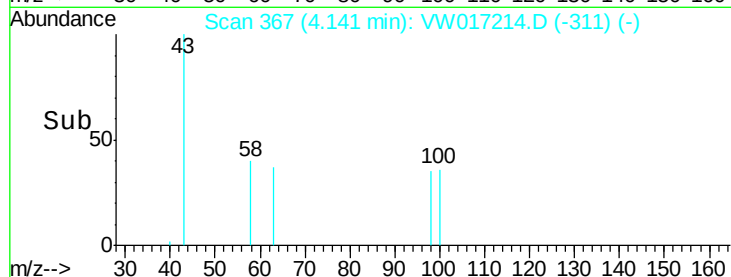
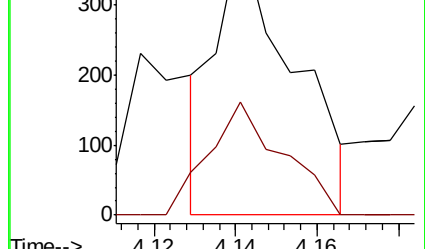
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

4.12

4.16



#16

Methylene chloride

Concen: 1.847 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW017214.D

Acq: 13 Nov 2020 15:49

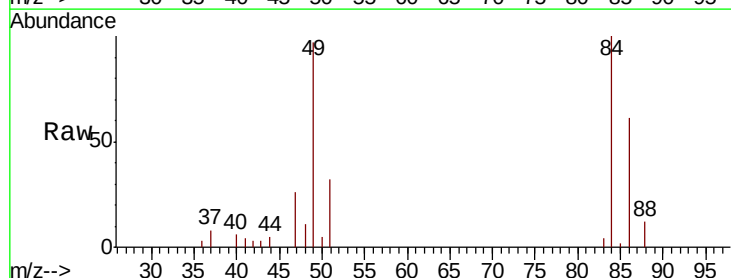
Tgt Ion: 84 Resp: 11369

Ion Ratio Lower Upper

84 100

49 96.6 72.3 134.3

86 61.1 45.1 83.7



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

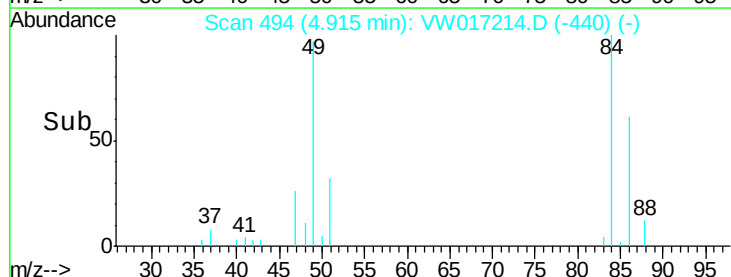
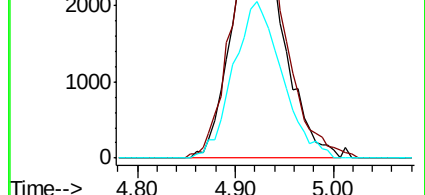
Ion 86.00 (85.70 to 86.70): VW

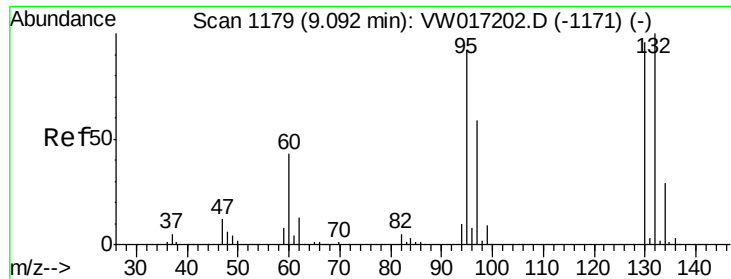
4.92

4.80

4.90

5.00





#35

Trichloroethene

Concen: 2.228 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017214.D

Acq: 13 Nov 2020 15:49

Instrument :

MSVOA_W

ClientSampleId :

C0AW5

Tot Ion: 95 Resp: 13422

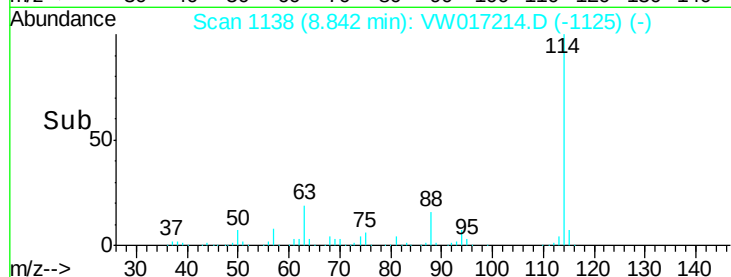
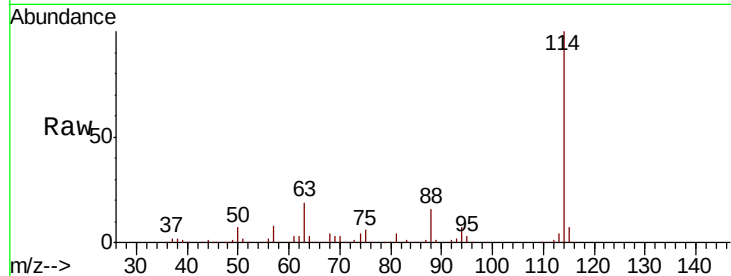
Ion Ratio Lower Upper

95 100

97 0.1 45.0 83.6#

132 0.0 73.7 136.9#

130 0.0 77.1 143.1#

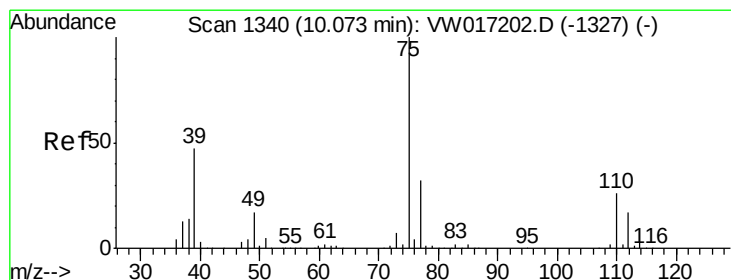
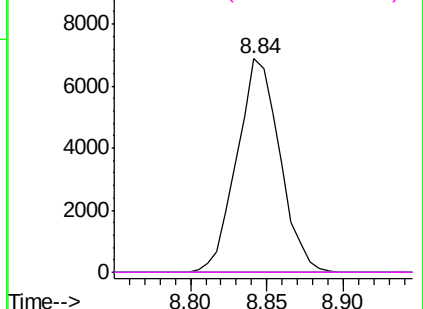


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.515 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017214.D

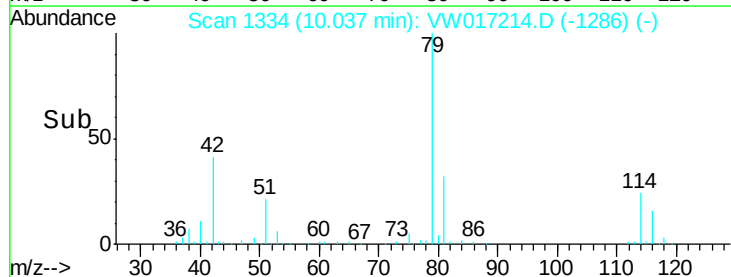
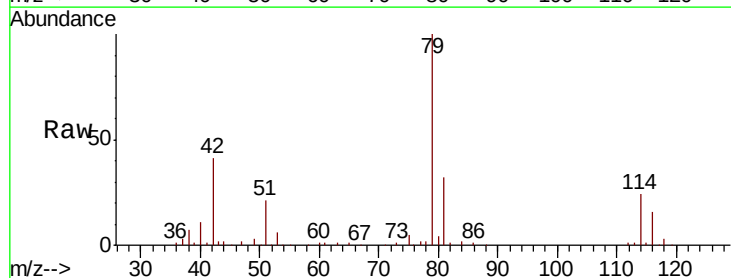
Acq: 13 Nov 2020 15:49

Tgt Ion: 75 Resp: 4099

Ion Ratio Lower Upper

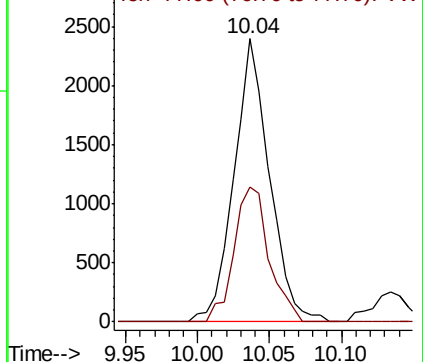
75 100

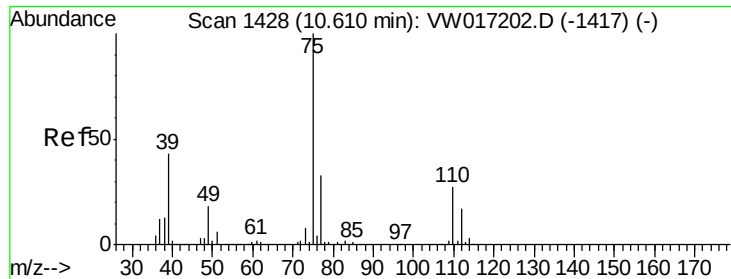
77 47.7 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.359 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017214.D

Acq: 13 Nov 2020 15:49

Instrument :

MSVOA_W

ClientSampleId :

C0AW5

Tot Ion: 75 Resp: 2455

Ion Ratio Lower Upper

75 100

77 38.9 22.1 41.1

