

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111320\
 Data File : VW017208.D
 Acq On : 13 Nov 2020 13:29
 Operator : SY/VA
 Sample : L4727-07
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK02

Quant Time: Nov 16 14:15:46 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	410912	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	372441	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	184747	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	109224	21.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.40%
7) Chloroethane-d5	2.89	69	95043	23.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.32%
10) 1,1-Dichloroethene-d2	4.02	63	159900	17.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.08%
20) 2-Butanone-d5	7.08	46	52145	45.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.10%
24) Chloroform-d	7.65	84	247247	25.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.08%
26) 1,2-Dichloroethane-d4	8.31	65	128514	26.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.80%
29) Benzene-d6	8.28	84	462261	24.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.48%
33) 1,2-Dichloropropane-d6	9.27	67	132607	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.12%
37) Toluene-d8	10.33	98	443246	24.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.16%
38) trans-1,3-Dichloropropene-	10.59	79	56068	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.84%
39) 2-Hexanone-d5	10.93	63	42989	46.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111986	24.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	173526	26.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.64%

Target Compounds

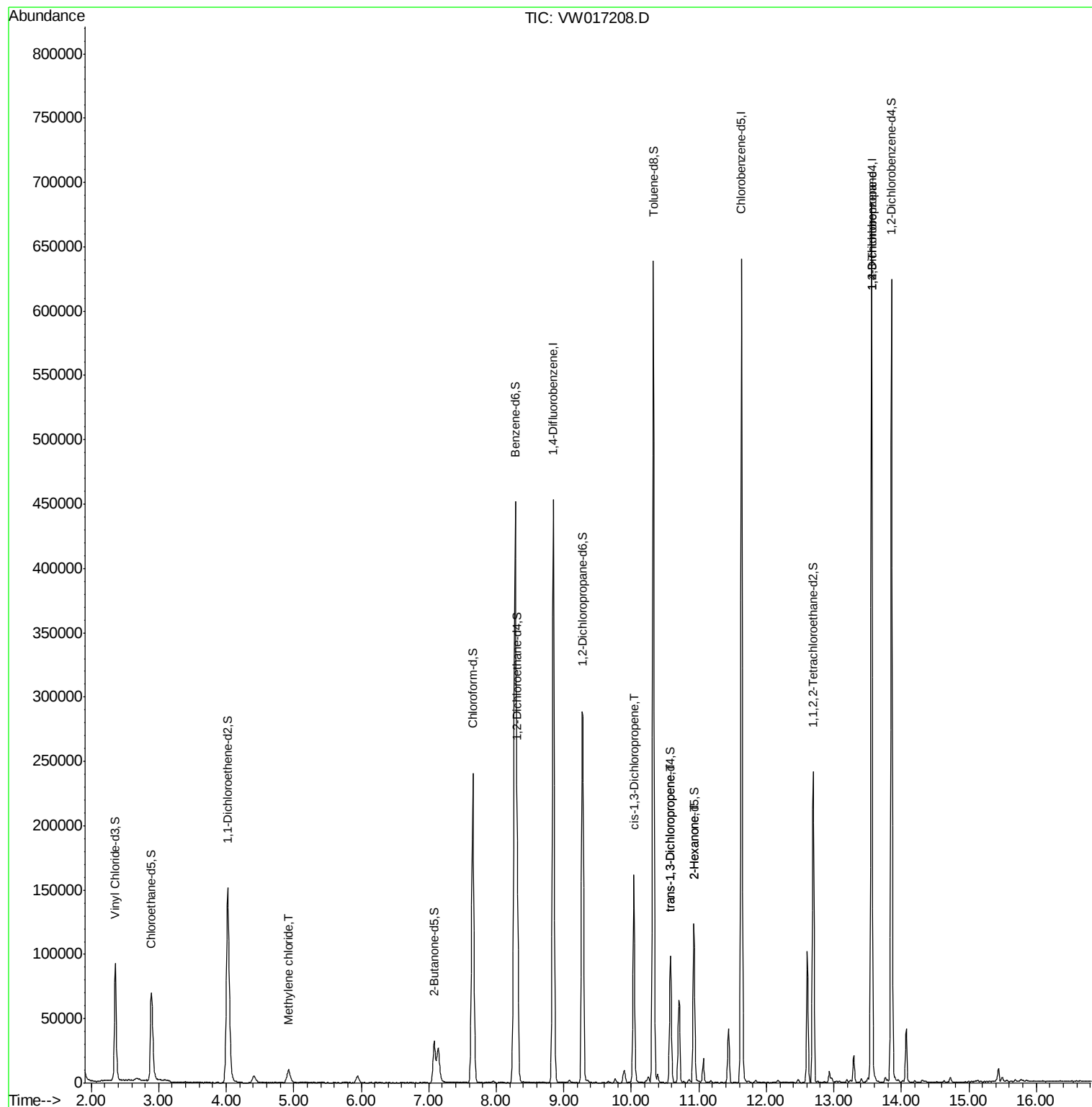
					Ovalue
16) Methylene chloride	4.92	84	8979	1.621 ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	4842	0.669 ug/L #	78
45) trans-1,3-Dichloropropene	10.59	75	3036	0.488 ug/L	83
49) 2-Hexanone	10.93	43	4943	2.907 ug/L #	63
59) 1,2,3-Trichloropropane	13.56	75	19614	5.993 ug/L	91

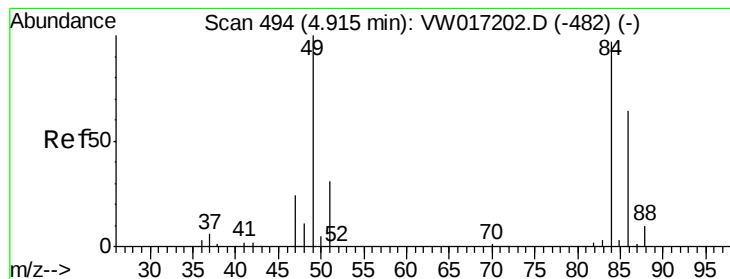
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methylene chloride

Concen: 1.621 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017208.D

Acq: 13 Nov 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

VHBLK02

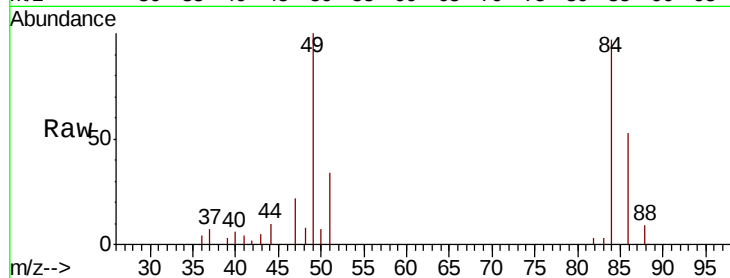
Tot Ion: 84 Resp: 8979

Ion Ratio Lower Upper

84 100

49 102.7 72.3 134.3

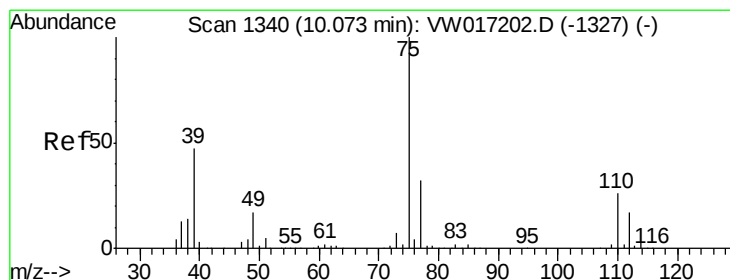
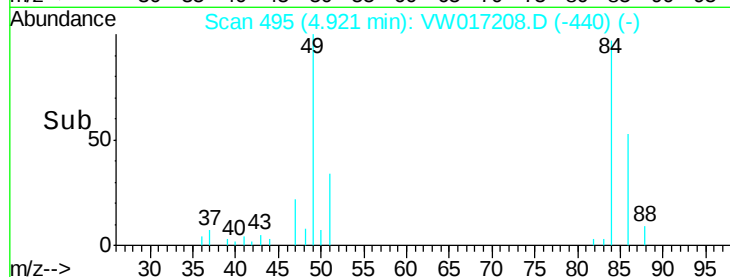
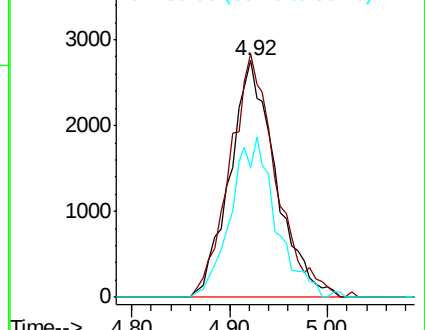
86 54.7 45.1 83.7



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: 0.669 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW017208.D

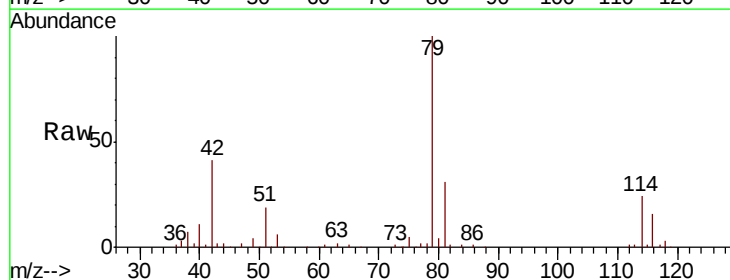
Acq: 13 Nov 2020 13:29

Tgt Ion: 75 Resp: 4842

Ion Ratio Lower Upper

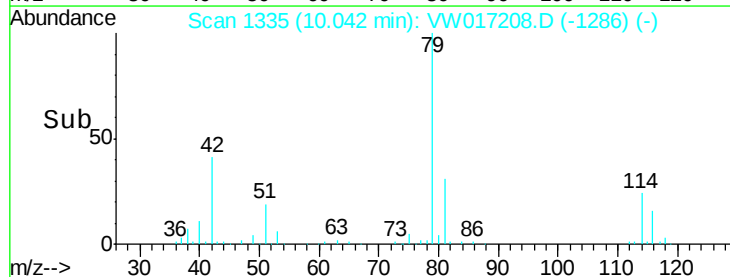
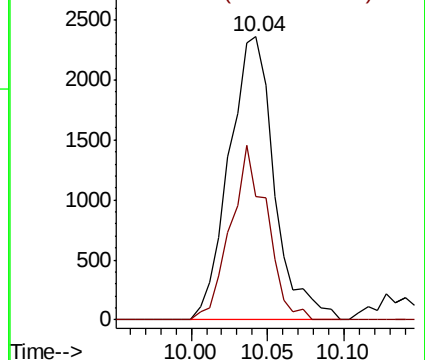
75 100

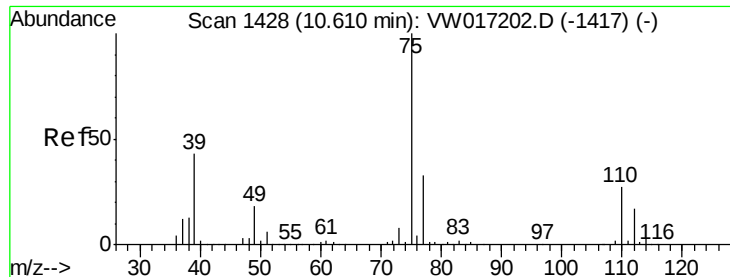
77 43.8 22.0 41.0#



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: 0.488 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017208.D

Acq: 13 Nov 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

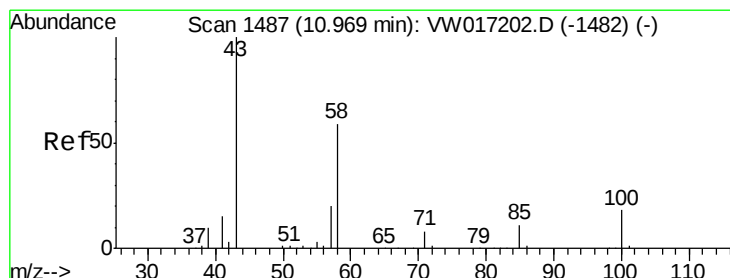
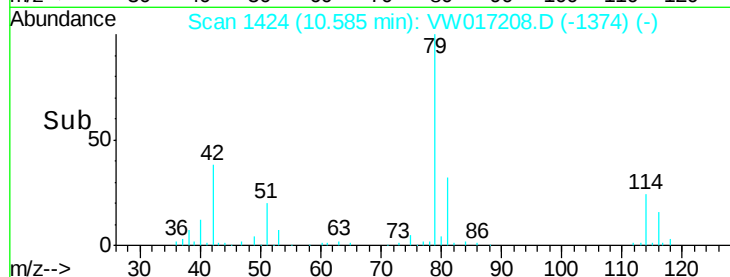
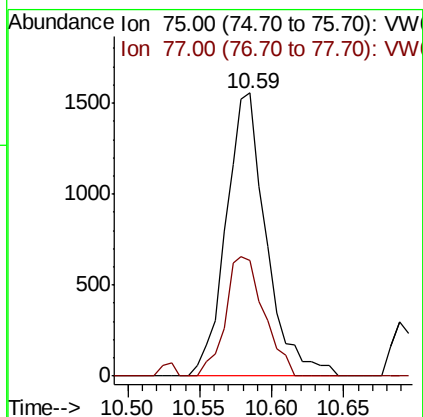
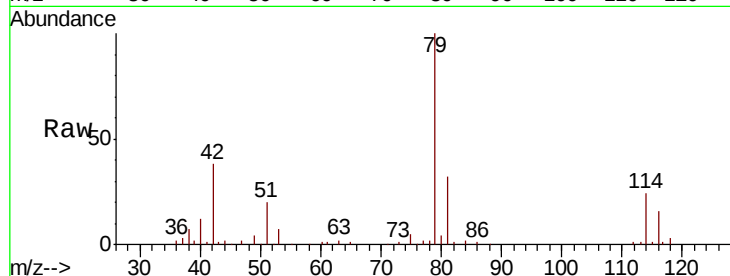
VHBLK02

Tot Ion: 75 Resp: 3036

Ion Ratio Lower Upper

75 100

77 41.0 22.1 41.1



#49

2-Hexanone

Concen: 2.907 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017208.D

Acq: 13 Nov 2020 13:29

Tgt Ion: 43 Resp: 4943

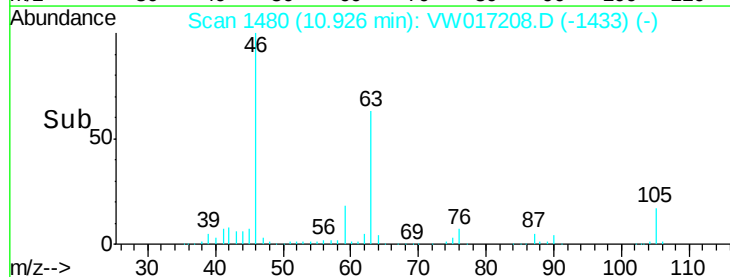
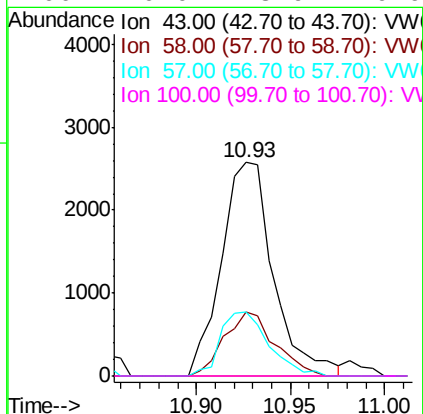
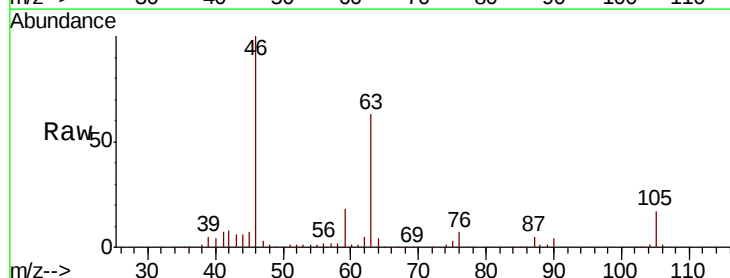
Ion Ratio Lower Upper

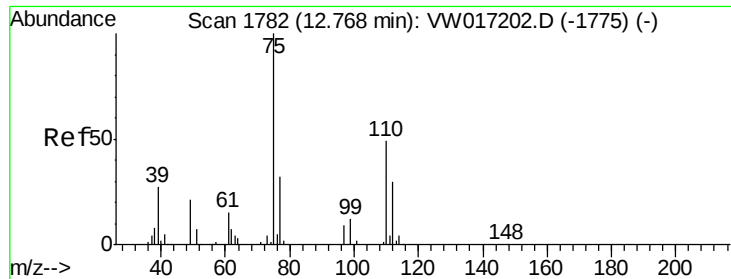
43 100

58 28.8 50.6 75.8#

57 28.1 17.8 26.6#

100 0.0 13.9 20.9#





#59

1,2,3-Trichloropropane

Concen: 5.993 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017208.D

Acq: 13 Nov 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

VHBLK02

Tot Ion: 75 Resp: 19614

Ion Ratio Lower Upper

75 100

77 38.2 26.4 39.6

