

Data File : VW017227.D
Acq On : 15 Nov 2020 10:49
Operator : SY/VA
Sample : VW1115SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK31

Quant Time: Nov 16 09:08:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 13 09:41:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	389637	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	356471	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	166863	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	116236	23.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.72%
7) Chloroethane-d5	2.89	69	99004	26.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.72%
10) 1,1-Dichloroethene-d2	4.02	63	158672	18.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.32%
20) 2-Butanone-d5	7.10	46	49498	45.10	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.20%
24) Chloroform-d	7.65	84	239322	26.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.24%
26) 1,2-Dichloroethane-d4	8.31	65	121385	26.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.36%
29) Benzene-d6	8.28	84	461953	25.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.80%
33) 1,2-Dichloropropane-d6	9.27	67	131239	26.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.56%
37) Toluene-d8	10.32	98	428891	25.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.24%
38) trans-1,3-Dichloropropene-	10.58	79	52219	23.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.28%
39) 2-Hexanone-d5	10.93	63	39623	45.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109587	25.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	164193	27.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.72%

Target Compounds

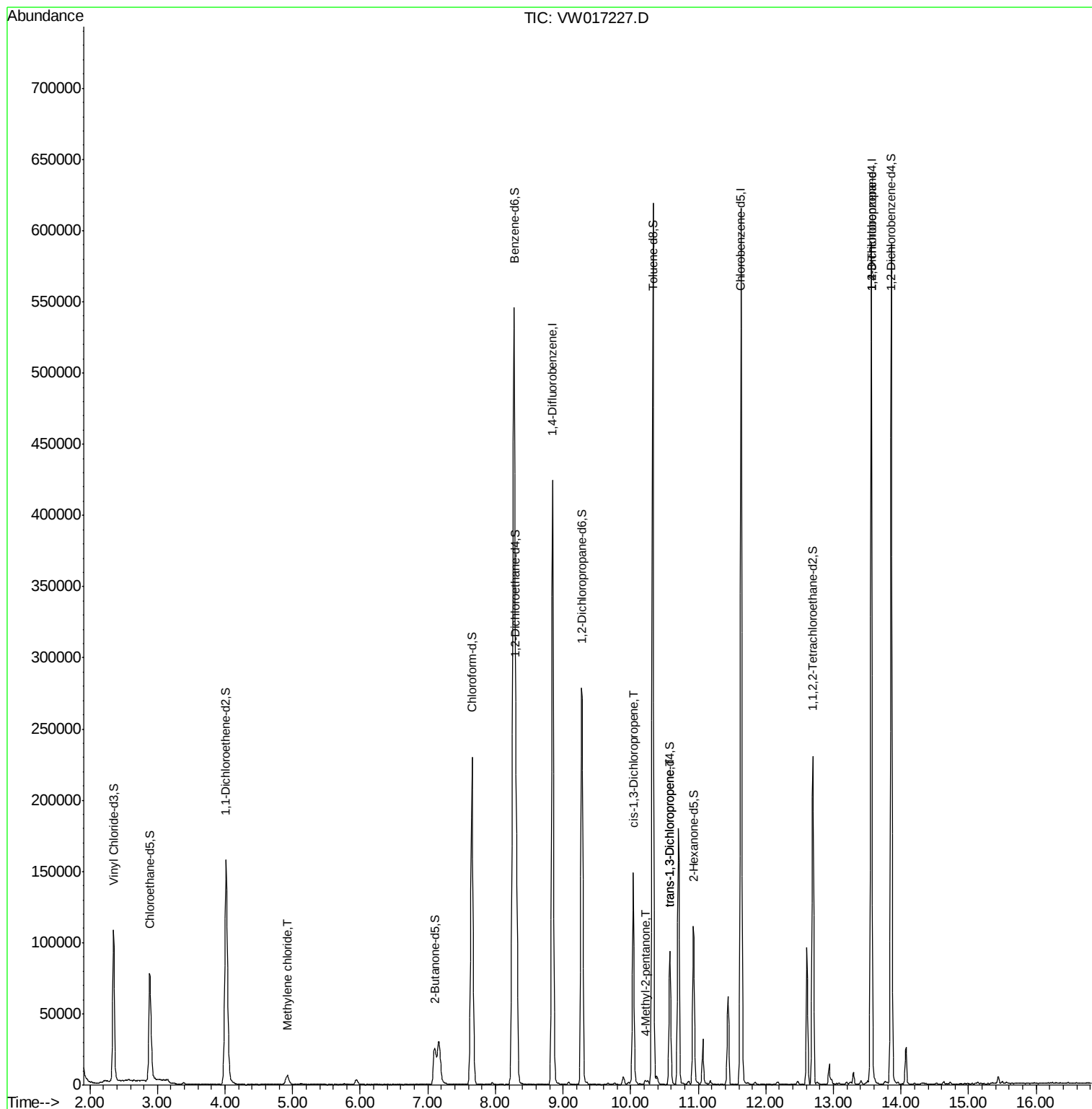
					Qvalue
16) Methylene chloride	4.92	84	5474	1.042 ug/L	78
42) cis-1,3-Dichloropropene	10.04	75	4320	0.623 ug/L #	56
43) 4-Methyl-2-pentanone	10.21	43	1975	0.732 ug/L	98
45) trans-1,3-Dichloropropene	10.58	75	2808	0.472 ug/L	89
59) 1,2,3-Trichloropropane	13.56	75	17820	5.689 ug/L	91

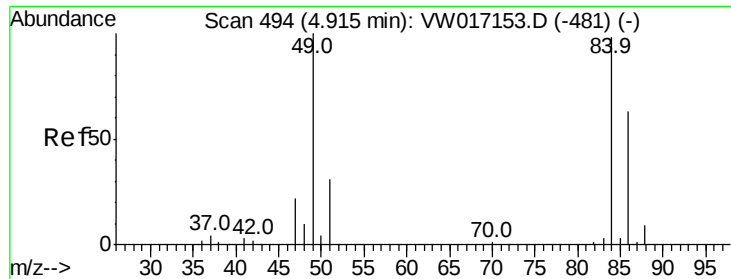
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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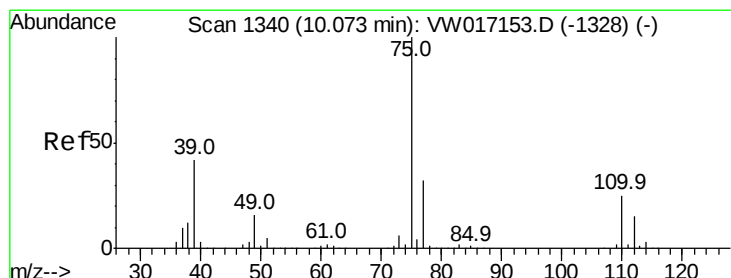
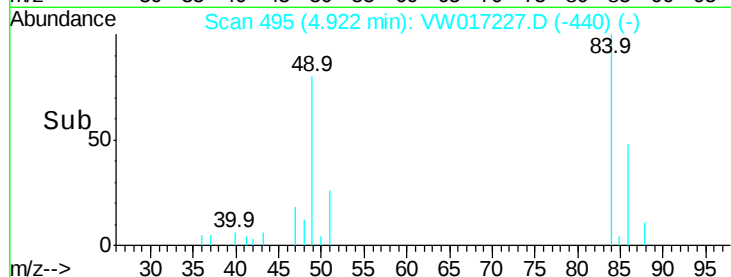
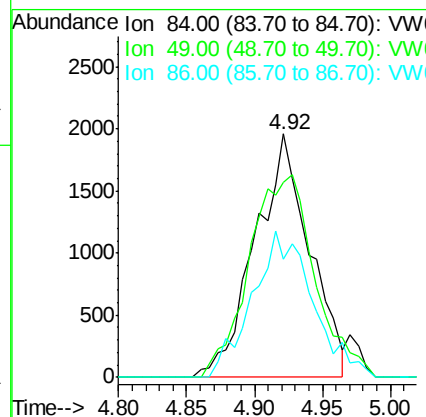
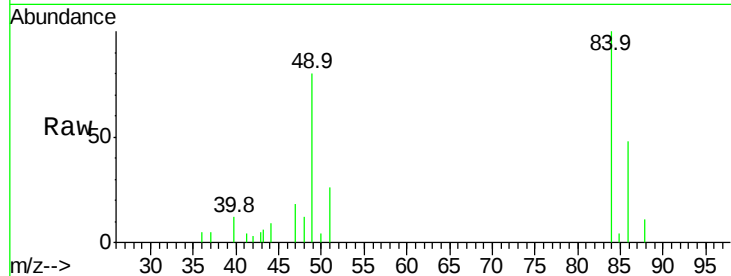




#16
Methylene chloride
Concen: 1.042 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017227.D
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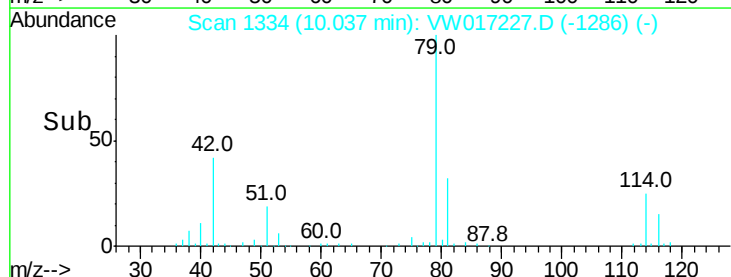
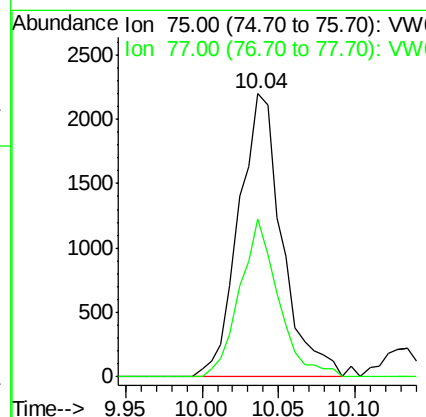
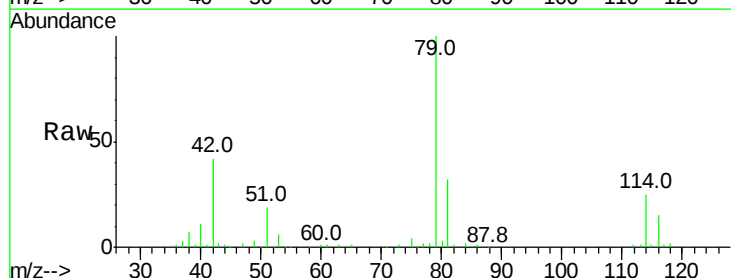
Instrument :
MSVOA_W
ClientSampleId :
VBLK31

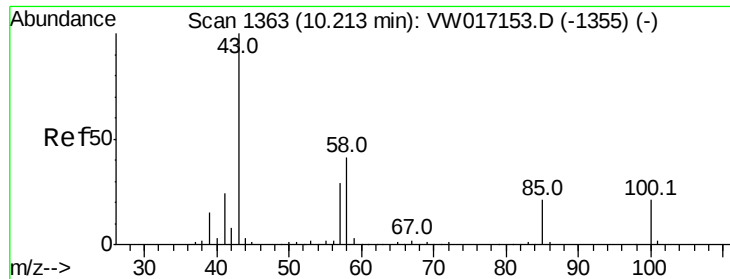
Tgt Ion: 84 Resp: 5474
Ion Ratio Lower Upper
84 100
49 80.3 72.3 134.3
86 48.3 45.1 83.7



#42
cis-1,3-Dichloropropene
Concen: 0.623 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017227.D
Acq: 15 Nov 2020 10:49

Tgt Ion: 75 Resp: 4320
Ion Ratio Lower Upper
75 100
77 55.7 22.0 41.0#





#43

4-Methyl-2-pentanone

Concen: 0.732 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW017227.D

Acq: 15 Nov 2020 10:49

Instrument :

MSVOA_W

ClientSampled :

VBLK31

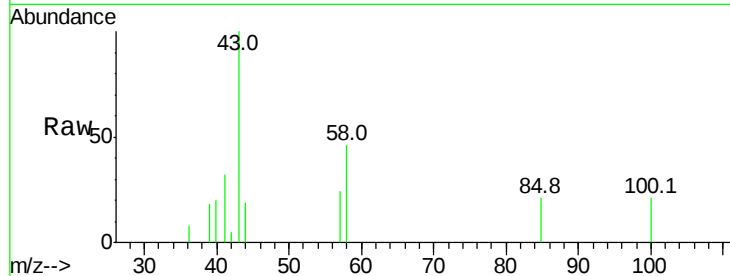
Tgt Ion: 43 Resp: 1975

Ion Ratio Lower Upper

43 100

58 42.9 35.0 52.6

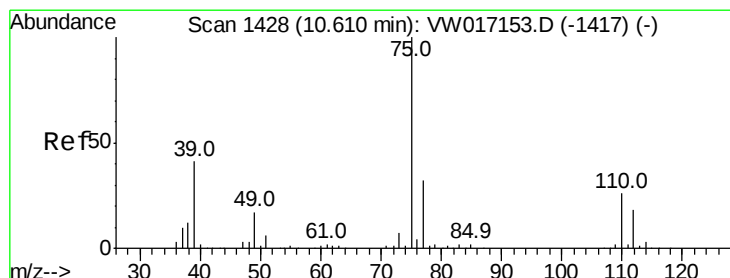
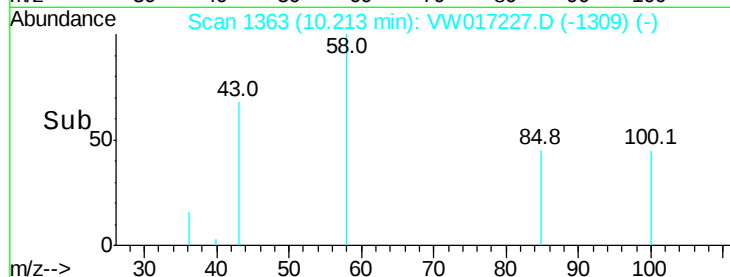
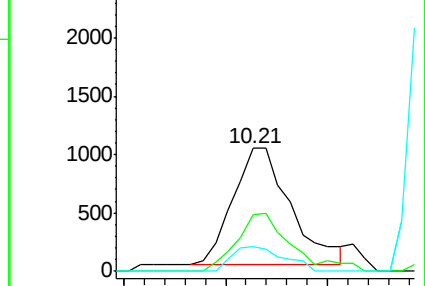
100 19.1 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.472 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017227.D

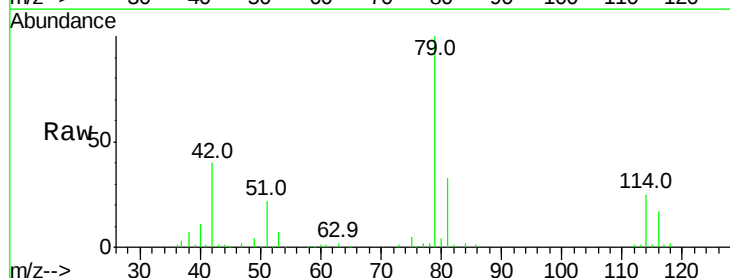
Acq: 15 Nov 2020 10:49

Tgt Ion: 75 Resp: 2808

Ion Ratio Lower Upper

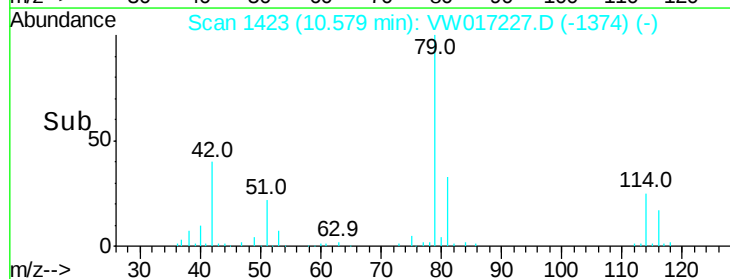
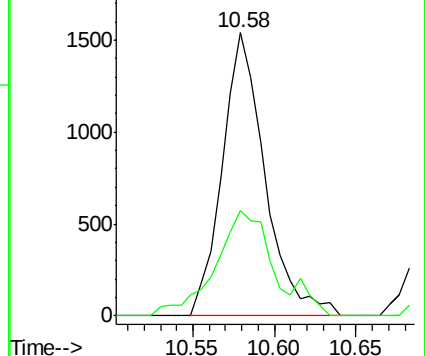
75 100

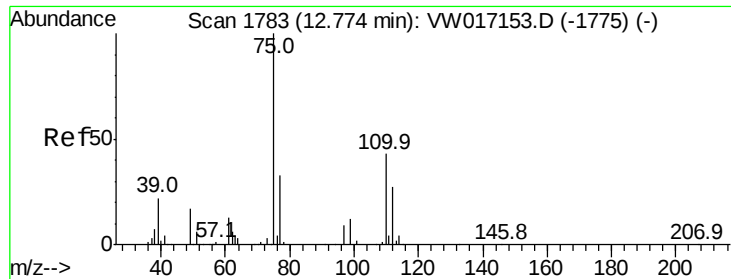
77 37.4 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 5.689 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017227.D

Acq: 15 Nov 2020 10:49

Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion: 75 Resp: 17820

Ion Ratio Lower Upper

75 100

77 38.3 26.4 39.6

