

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
 Data File : VW017183.D
 Acq On : 12 Nov 2020 14:34
 Operator : SY/VA
 Sample : VIBLK01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK01

Quant Time: Nov 13 04:19:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 04:11:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	419915	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	393844	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	185698	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	131676	24.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.60%
7) Chloroethane-d5	2.89	69	110321	27.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.28%
10) 1,1-Dichloroethene-d2	4.18	63	182	0.02	ug/L	0.16
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.08%#
20) 2-Butanone-d5	7.08	46	66247	56.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.02%
24) Chloroform-d	7.65	84	265603	27.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.36%
26) 1,2-Dichloroethane-d4	8.31	65	138103	28.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.36%
29) Benzene-d6	8.28	84	510727	25.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.84%
33) 1,2-Dichloropropane-d6	9.28	67	146719	26.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.80%
37) Toluene-d8	10.33	98	478227	25.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.16%
38) trans-1,3-Dichloropropene-	10.58	79	61152	24.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.80%
39) 2-Hexanone-d5	10.93	63	51685	53.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	134287	27.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	185660	28.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.52%

Target Compounds

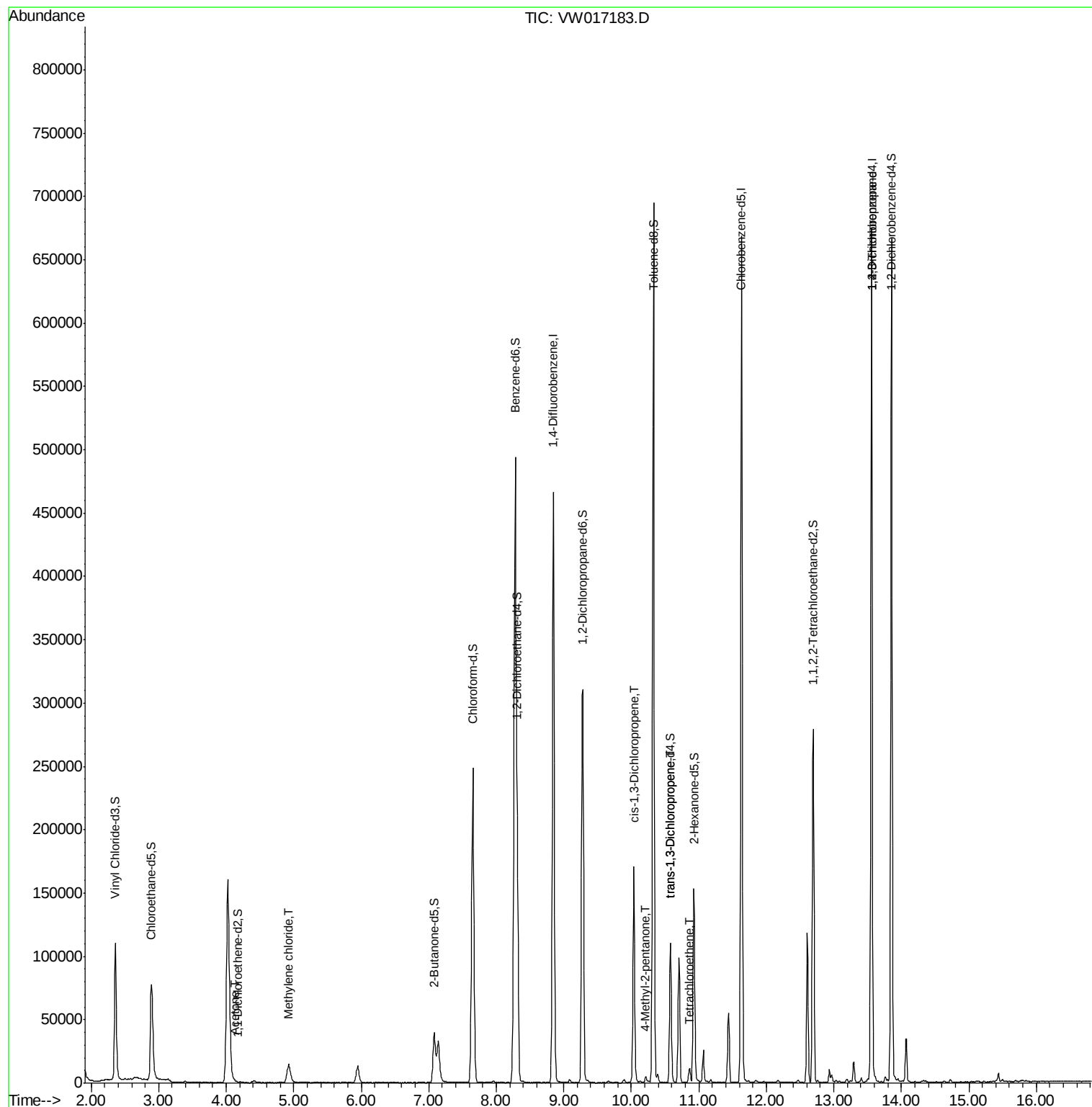
					Ovalue
13) Acetone	4.13	43	633	0.799 ug/L	99
16) Methylene chloride	4.92	84	13361	2.360 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	4654	0.608 ug/L #	66
43) 4-Methyl-2-pentanone	10.21	43	3118	1.045 ug/L	98
45) trans-1,3-Dichloropropene	10.58	75	3109	0.473 ug/L	86
47) Tetrachloroethene	10.87	164	2598	0.497 ug/L	83
59) 1,2,3-Trichloropropane	13.56	75	20230	5.845 ug/L	94

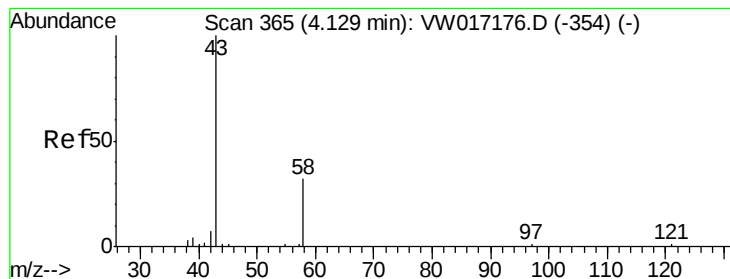
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK01

Quant Time: Nov 13 04:19:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 13 04:11:30 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.799 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017183.D

Acq: 12 Nov 2020 14:34

Instrument :

MSVOA_W

ClientSampleId :

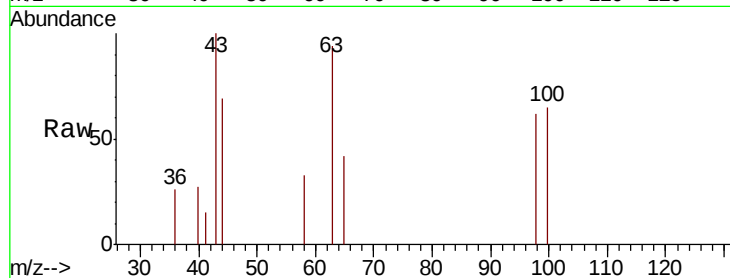
VIBLK01

Tot Ion: 43 Resp: 633

Ion Ratio Lower Upper

43 100

58 35.2 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

400

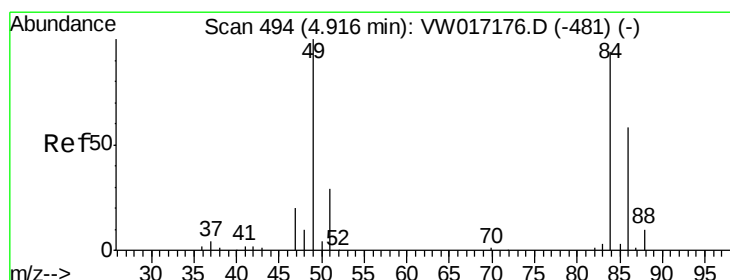
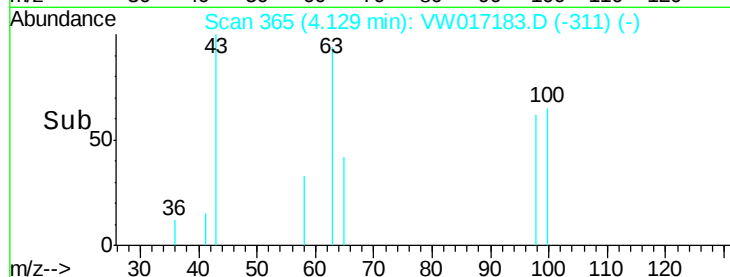
300

200

100

0

Time-->



#16

Methylene chloride

Concen: 2.360 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017183.D

Acq: 12 Nov 2020 14:34

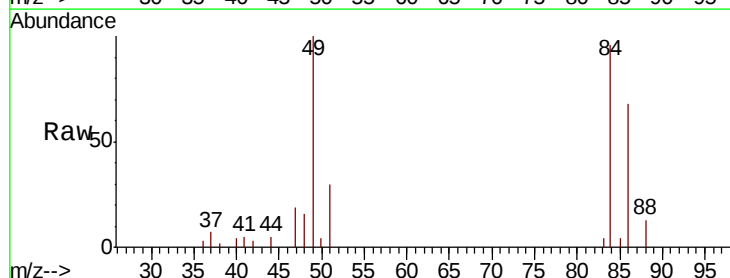
Tgt Ion: 84 Resp: 13361

Ion Ratio Lower Upper

84 100

49 104.6 72.3 134.3

86 71.1 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

5000

4000

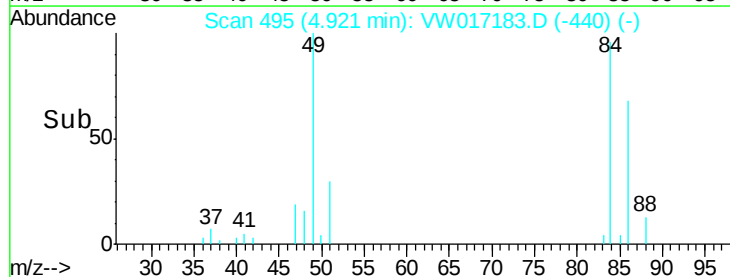
3000

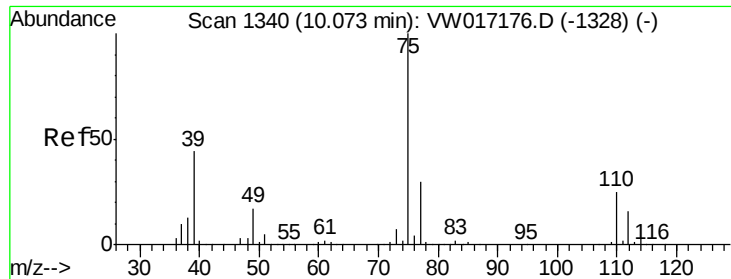
2000

1000

0

Time-->

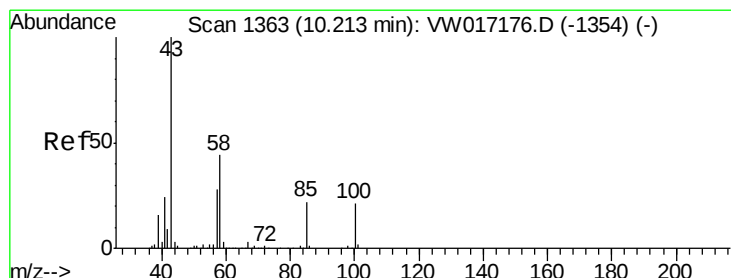
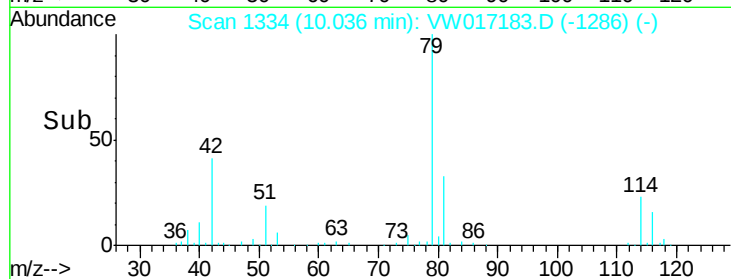
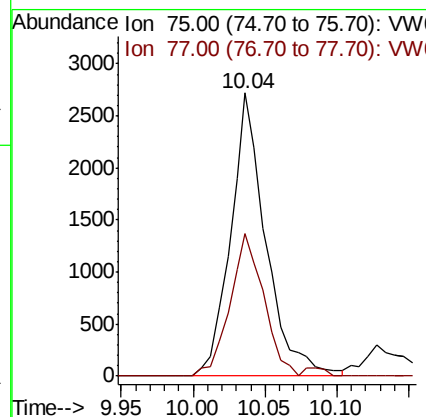
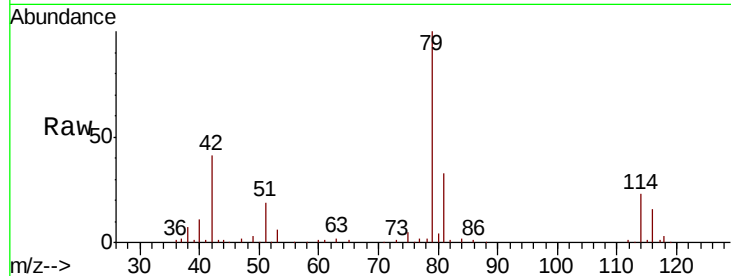




#42
 cis-1,3-Dichloropropene
 Concen: 0.608 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017183.D
 Acq: 12 Nov 2020 14:34

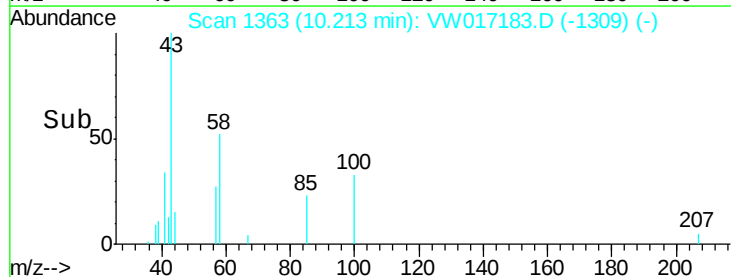
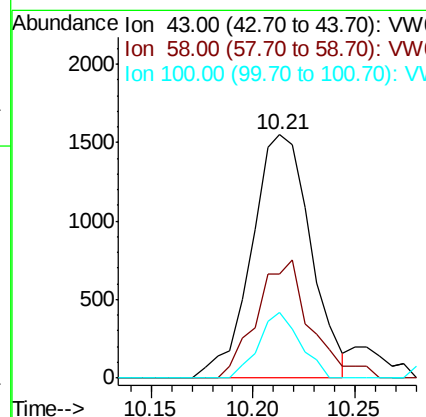
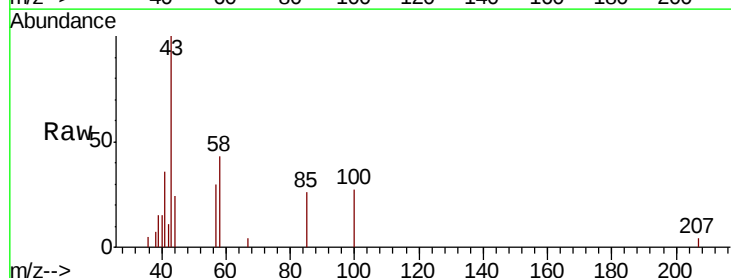
Instrument :
 MSVOA_W
 ClientSampled :
 VIBLK01

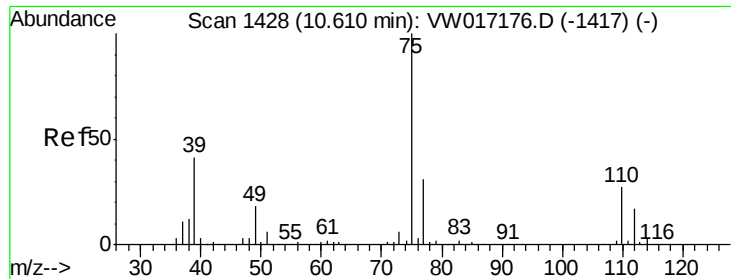
Tot Ion: 75 Resp: 4654
 Ion Ratio Lower Upper
 75 100
 77 50.4 22.0 41.0#



#43
 4-Methyl-2-pentanone
 Concen: 1.045 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW017183.D
 Acq: 12 Nov 2020 14:34

Tgt Ion: 43 Resp: 3118
 Ion Ratio Lower Upper
 43 100
 58 43.2 35.0 52.6
 100 18.9 16.6 24.8





#45

trans-1,3-Dichloropropene

Concen: 0.473 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017183.D

Acq: 12 Nov 2020 14:34

Instrument :

MSVOA_W

ClientSampleId :

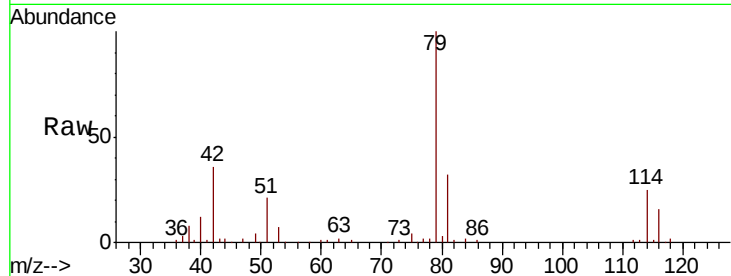
VIBLK01

Tot Ion: 75 Resp: 3109

Ion Ratio Lower Upper

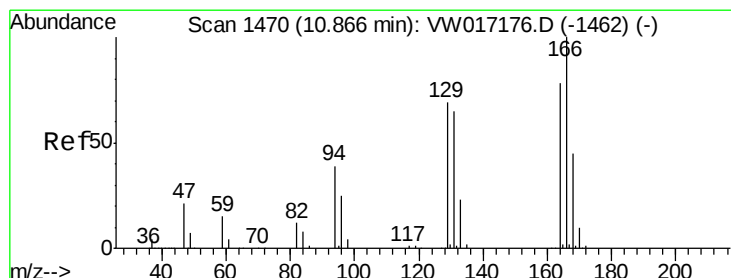
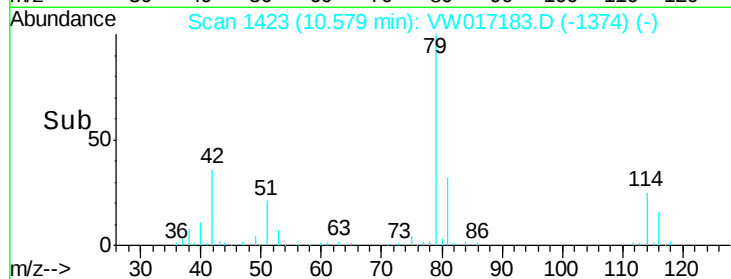
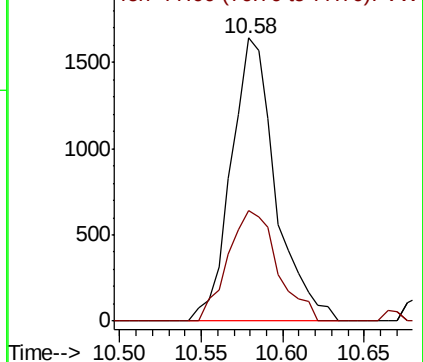
75 100

77 39.3 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#47

Tetrachloroethene

Concen: 0.497 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW017183.D

Acq: 12 Nov 2020 14:34

Tgt Ion: 164 Resp: 2598

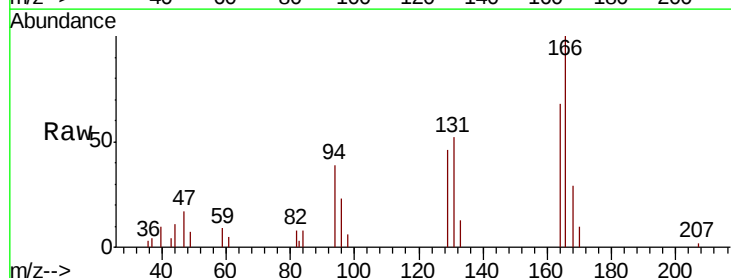
Ion Ratio Lower Upper

164 100

129 67.2 62.9 116.7

131 76.1 63.3 117.5

166 146.5 92.0 170.8

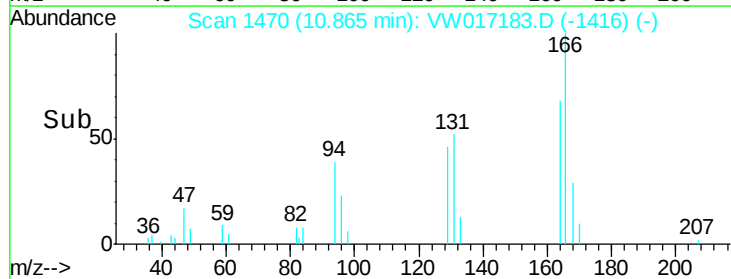
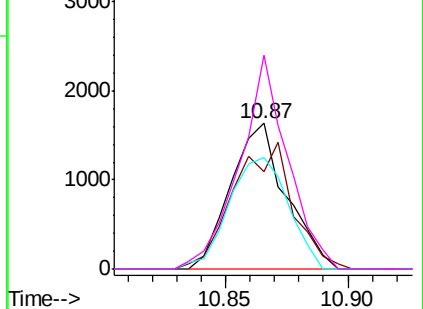


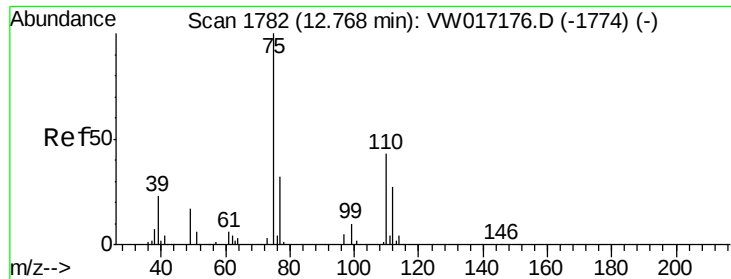
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#59

1,2,3-Trichloropropane

Concen: 5.845 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017183.D

Acq: 12 Nov 2020 14:34

Instrument :

MSVOA_W

ClientSampleId :

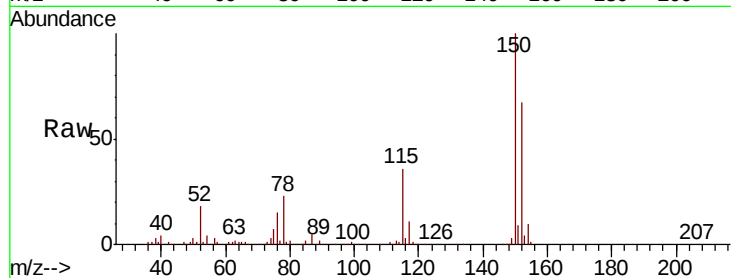
VIBLK01

Tot Ion: 75 Resp: 20230

Ion Ratio Lower Upper

75 100

77 36.4 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

