

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
 Data File : VW017189.D
 Acq On : 12 Nov 2020 16:55
 Operator : SY/VA
 Sample : VIBLK04
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK04

Quant Time: Nov 13 04:20:44 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	8.84	114	440595	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	413011	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	205415	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	125885	22.68	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.72%
7) Chloroethane-d5	2.89	69	107943	25.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.96%
10) 1,1-Dichloroethene-d2	4.01	63	169097	17.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.12%
20) 2-Butanone-d5	7.34	46	131	0.11	ug/L	0.26
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.22%#
24) Chloroform-d	7.65	84	268557	26.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.44%
26) 1,2-Dichloroethane-d4	8.31	65	138701	27.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.48%
29) Benzene-d6	8.27	84	517209	24.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.36%
33) 1,2-Dichloropropane-d6	9.27	67	146811	25.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.96%
37) Toluene-d8	10.32	98	496537	25.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.16%
38) trans-1,3-Dichloropropene-	10.58	79	62933	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.96%
39) 2-Hexanone-d5	10.93	63	50226	49.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.94%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	124631	24.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	195208	26.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.88%

Target Compounds

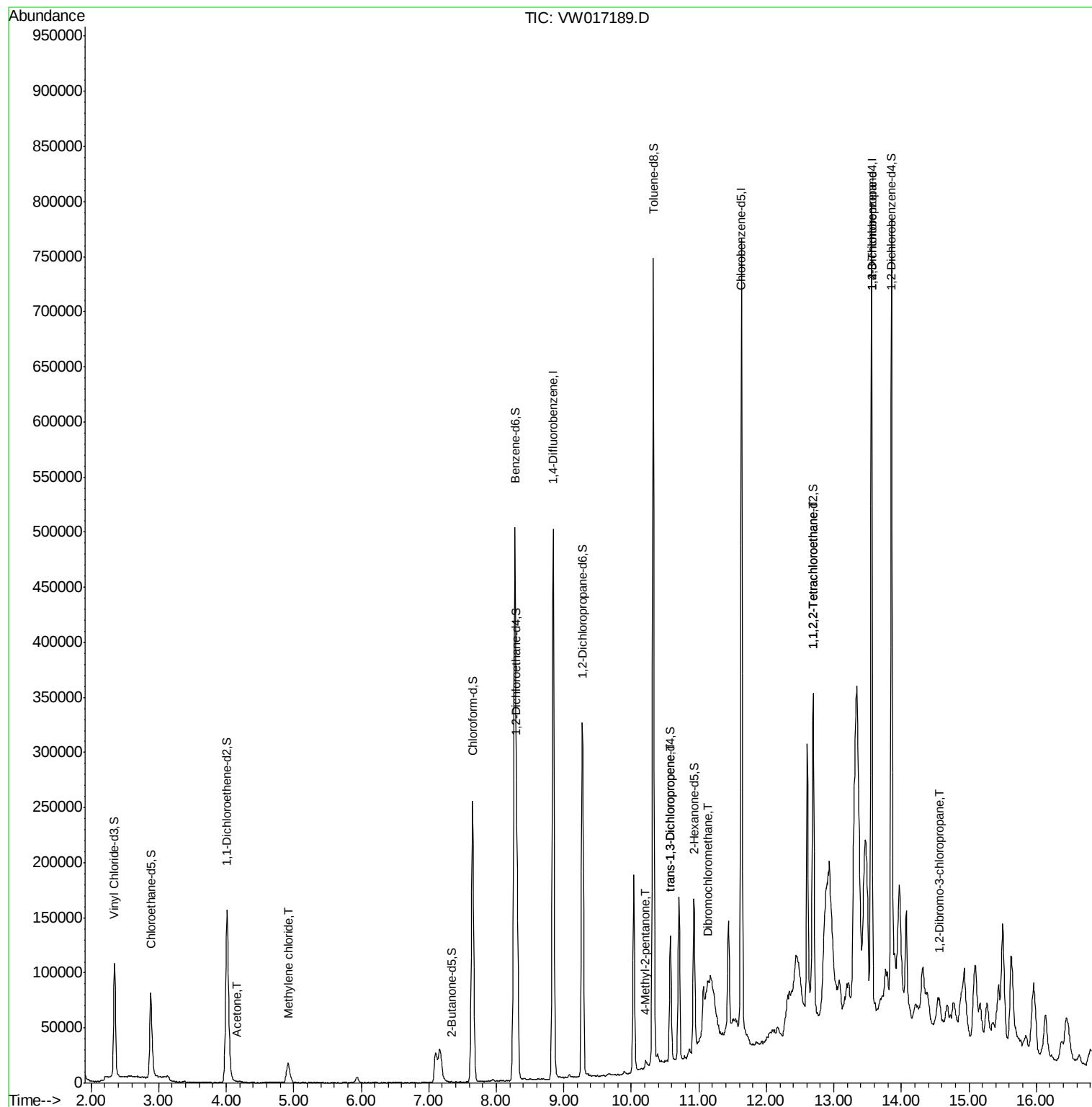
					Ovalue
13) Acetone	4.16	43	242	0.291 ug/L	84
16) Methylene chloride	4.92	84	16944	2.852 ug/L	94
43) 4-Methyl-2-pentanone	10.21	43	4141	1.324 ug/L	93
45) trans-1,3-Dichloropropene	10.58	75	3132	0.454 ug/L #	54
50) Dibromochloromethane	11.13	129	1289	0.242 ug/L #	42
58) 1,1,1,2,2-Tetrachloroethane	12.70	83	4832	0.957 ug/L #	61
59) 1,2,3-Trichloropropane	13.56	75	21961	6.051 ug/L	90
66) 1,2-Dibromo-3-chloropropan	14.57	75	1192	1.565 ug/L #	10

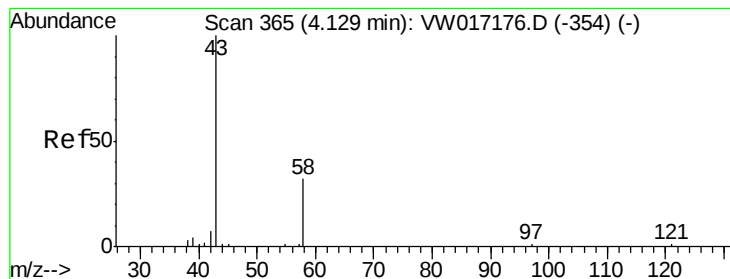
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VIBLK04

Quant Time: Nov 13 04:20:44 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: 0.291 ug/L

RT: 4.16 min Scan# 370

Delta R.T. 0.03 min

Lab File: VW017189.D

Acq: 12 Nov 2020 16:55

Instrument :

MSVOA_W

ClientSampleId :

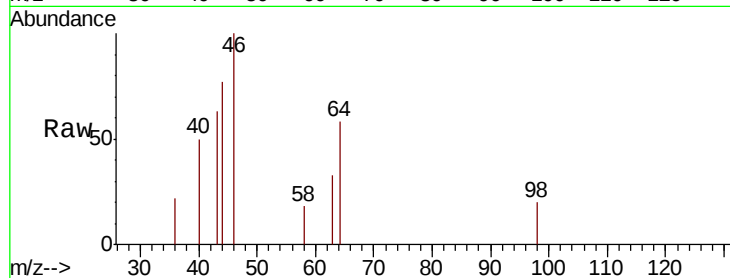
VIBLK04

Tot Ion: 43 Resp: 242

Ion Ratio Lower Upper

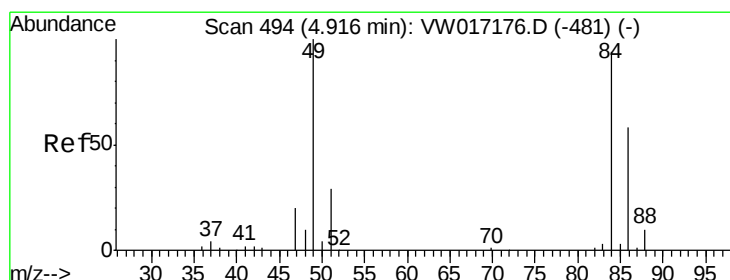
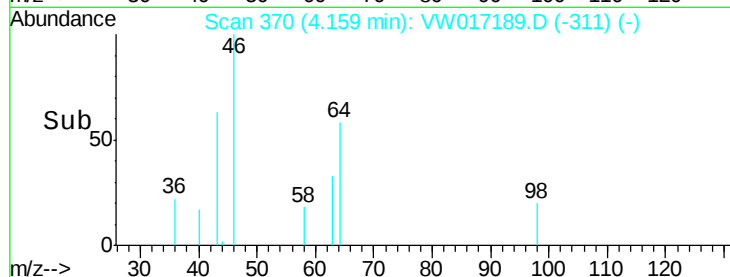
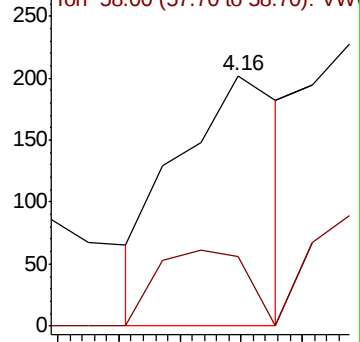
43 100

58 25.6 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: 2.852 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW017189.D

Acq: 12 Nov 2020 16:55

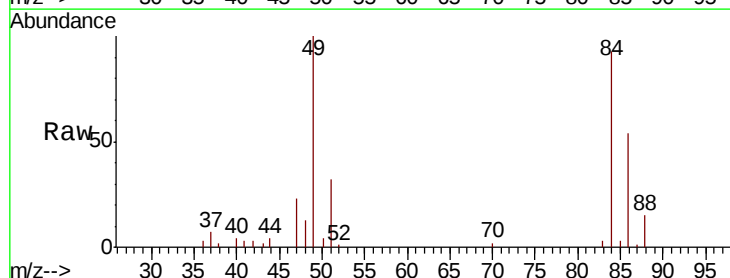
Tgt Ion: 84 Resp: 16944

Ion Ratio Lower Upper

84 100

49 107.9 72.3 134.3

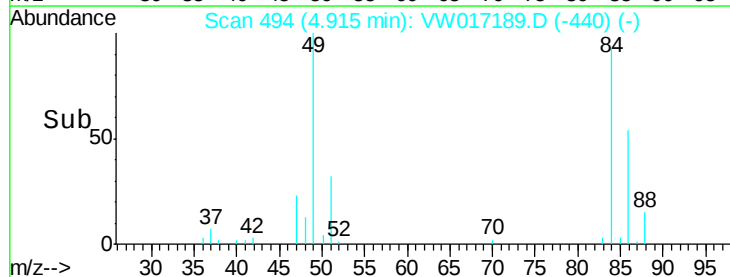
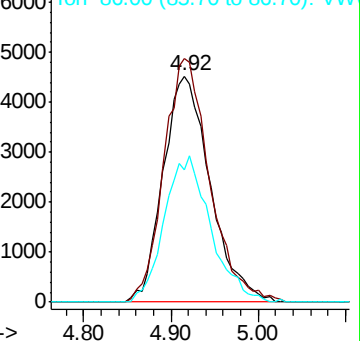
86 58.6 45.1 83.7

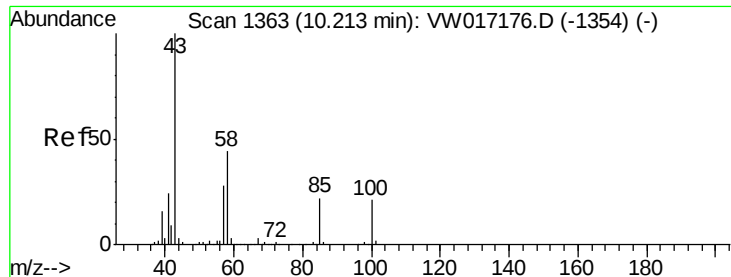


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#43

4-Methyl-2-pentanone

Concen: 1.324 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

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Acq: 12 Nov 2020 16:55

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MSVOA_W

ClientSampleId :

VIBLK04

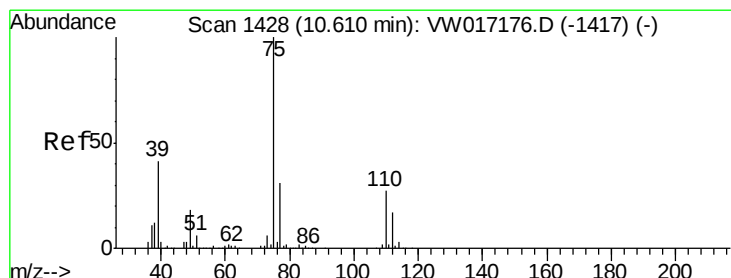
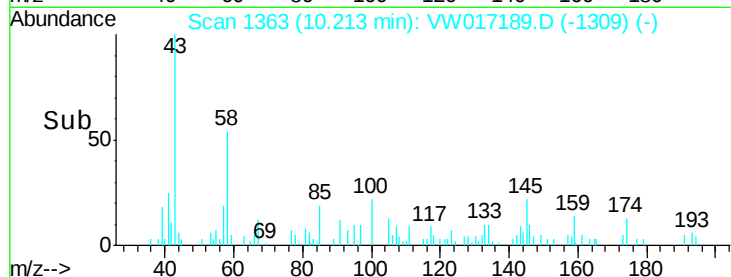
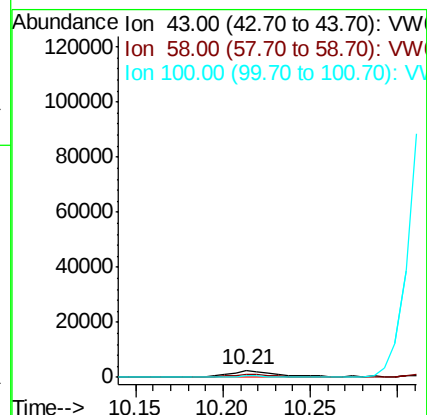
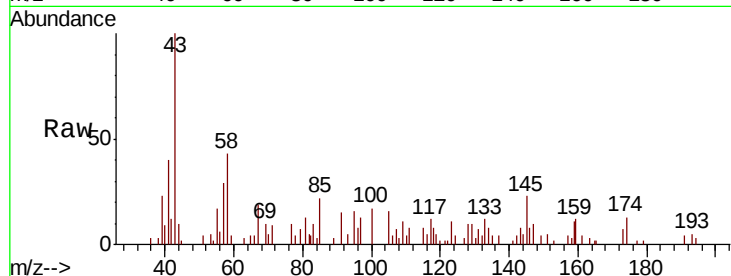
Tot Ion: 43 Resp: 4141

Ion Ratio Lower Upper

43 100

58 49.7 35.0 52.6

100 19.7 16.6 24.8



#45

trans-1,3-Dichloropropene

Concen: 0.454 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017189.D

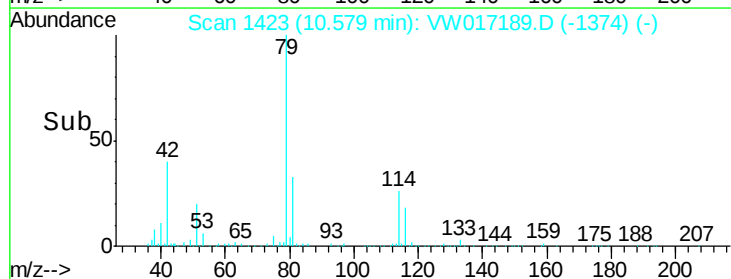
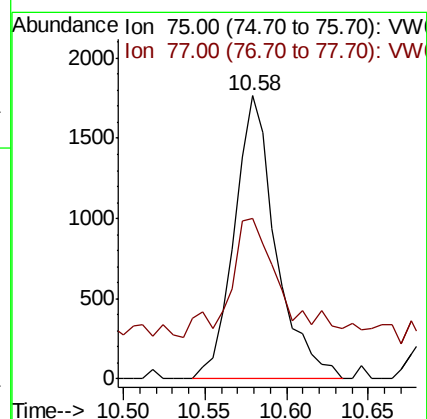
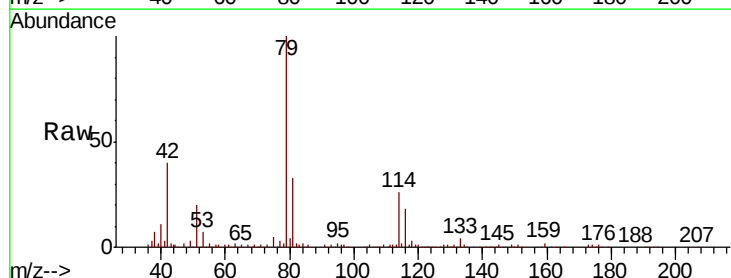
Acq: 12 Nov 2020 16:55

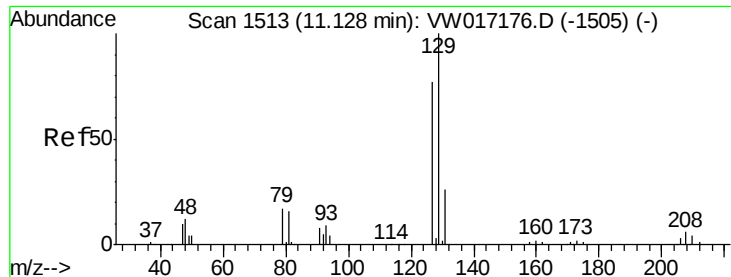
Tgt Ion: 75 Resp: 3132

Ion Ratio Lower Upper

75 100

77 56.9 22.1 41.1#





#50

Dibromochloromethane

Concen: 0.242 ug/L

RT: 11.13 min Scan# 1514

Delta R.T. 0.01 min

Lab File: VW017189.D

Acq: 12 Nov 2020 16:55

Instrument :

MSVOA_W

ClientSampleId :

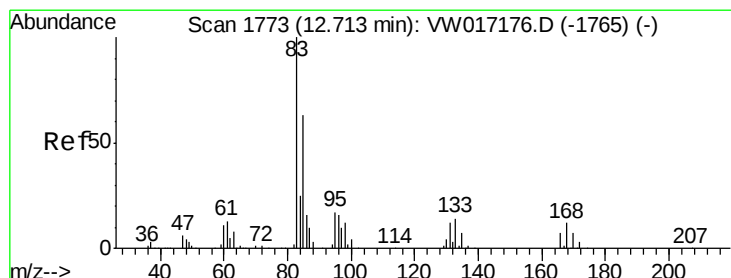
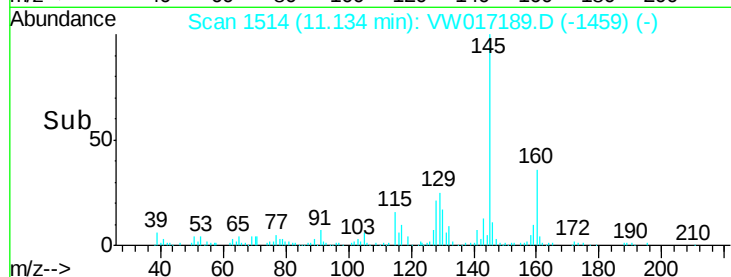
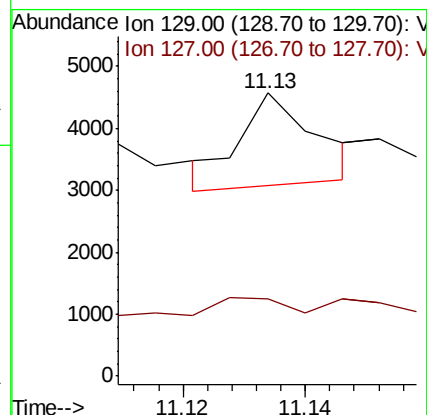
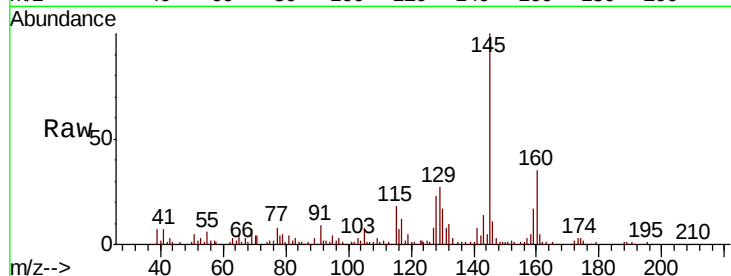
VIBLK04

Tot Ion:129 Resp: 1289

Ion Ratio Lower Upper

129 100

127 27.3 54.3 100.9#



#58

1,1,2,2-Tetrachloroethane

Concen: 0.957 ug/L

RT: 12.70 min Scan# 1771

Delta R.T. -0.01 min

Lab File: VW017189.D

Acq: 12 Nov 2020 16:55

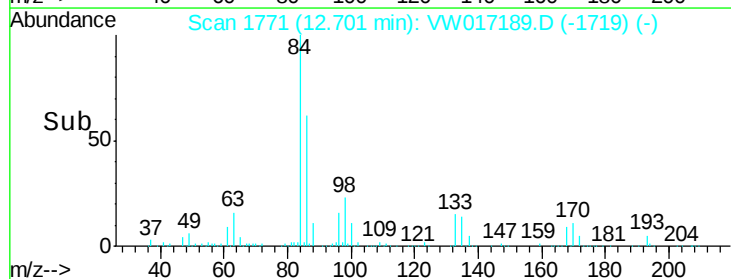
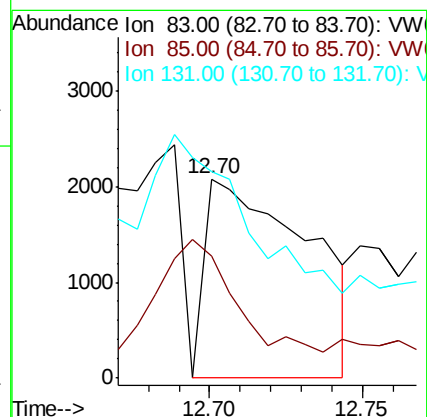
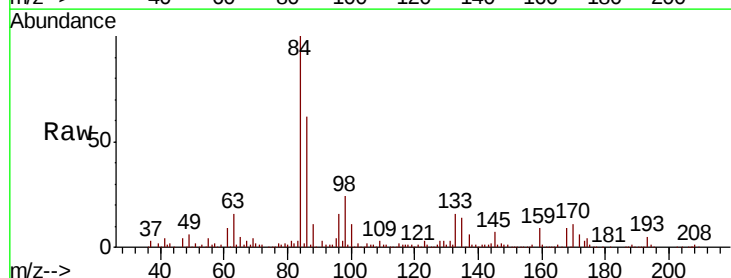
Tgt Ion: 83 Resp: 4832

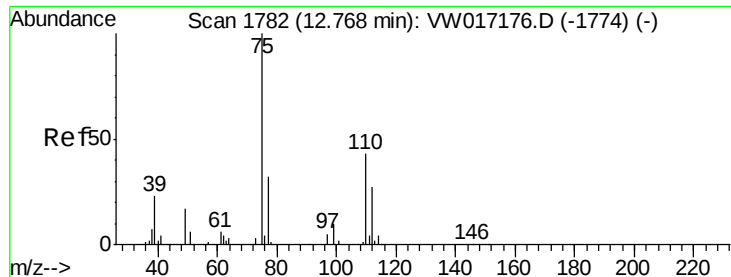
Ion Ratio Lower Upper

83 100

85 61.2 44.9 83.5

131 103.8 8.8 13.2#





#59

1,2,3-Trichloropropane

Concen: 6.051 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017189.D

Acq: 12 Nov 2020 16:55

Instrument :

MSVOA_W

ClientSampled :

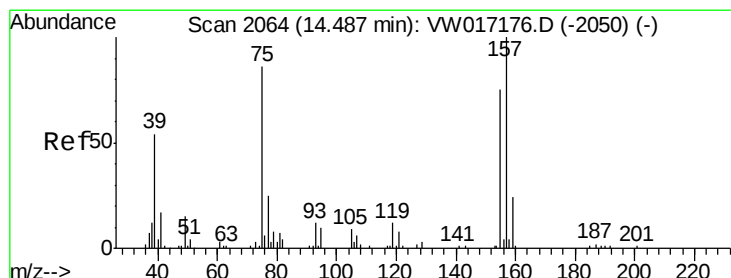
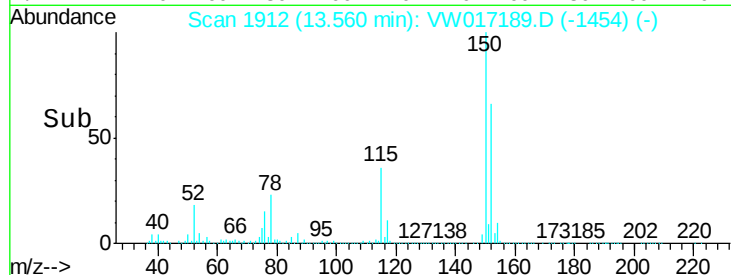
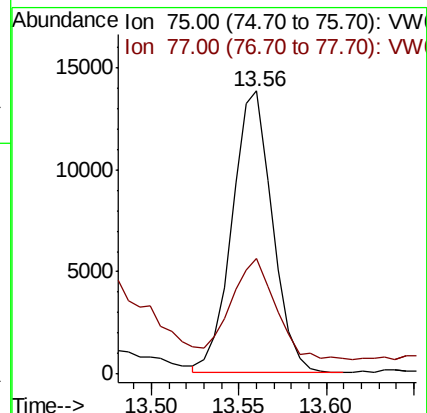
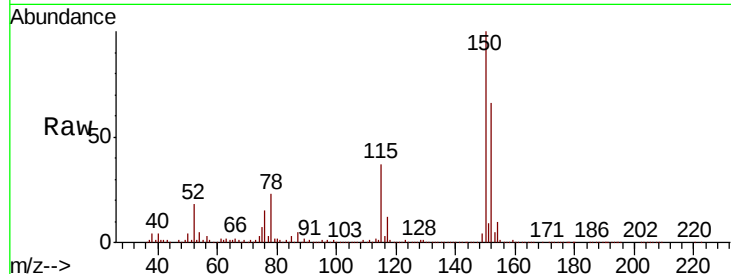
VIBLK04

Tot Ion: 75 Resp: 21961

Ion Ratio Lower Upper

75 100

77 38.7 26.4 39.6



#66

1,2-Dibromo-3-chloropropane

Concen: 1.565 ug/L

RT: 14.57 min Scan# 2077

Delta R.T. 0.08 min

Lab File: VW017189.D

Acq: 12 Nov 2020 16:55

Tgt Ion: 75 Resp: 1192

Ion Ratio Lower Upper

75 100

157 320.0 108.2 162.4#

155 97.3 79.1 118.7

