

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110220\
 Data File : VW017042.D
 Acq On : 02 Nov 2020 13:01
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK22

Quant Time: Nov 03 04:56:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 03 04:48:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	462419	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	419408	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	195639	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	105087	19.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.76%
7) Chloroethane-d5	2.90	69	90271	21.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.32%
10) 1,1-Dichloroethene-d2	4.03	63	165086	15.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.60%
20) 2-Butanone-d5	7.08	46	47680	47.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.86%
24) Chloroform-d	7.65	84	245708	23.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.16%
26) 1,2-Dichloroethane-d4	8.31	65	117779	23.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.84%
29) Benzene-d6	8.28	84	506032	23.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.96%
33) 1,2-Dichloropropane-d6	9.28	67	138986	23.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.60%
37) Toluene-d8	10.33	98	467988	23.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.28%
38) trans-1,3-Dichloropropene-	10.58	79	53767	21.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.12%
39) 2-Hexanone-d5	10.93	63	38348	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	104690	23.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	171934	25.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.00%

Target Compounds

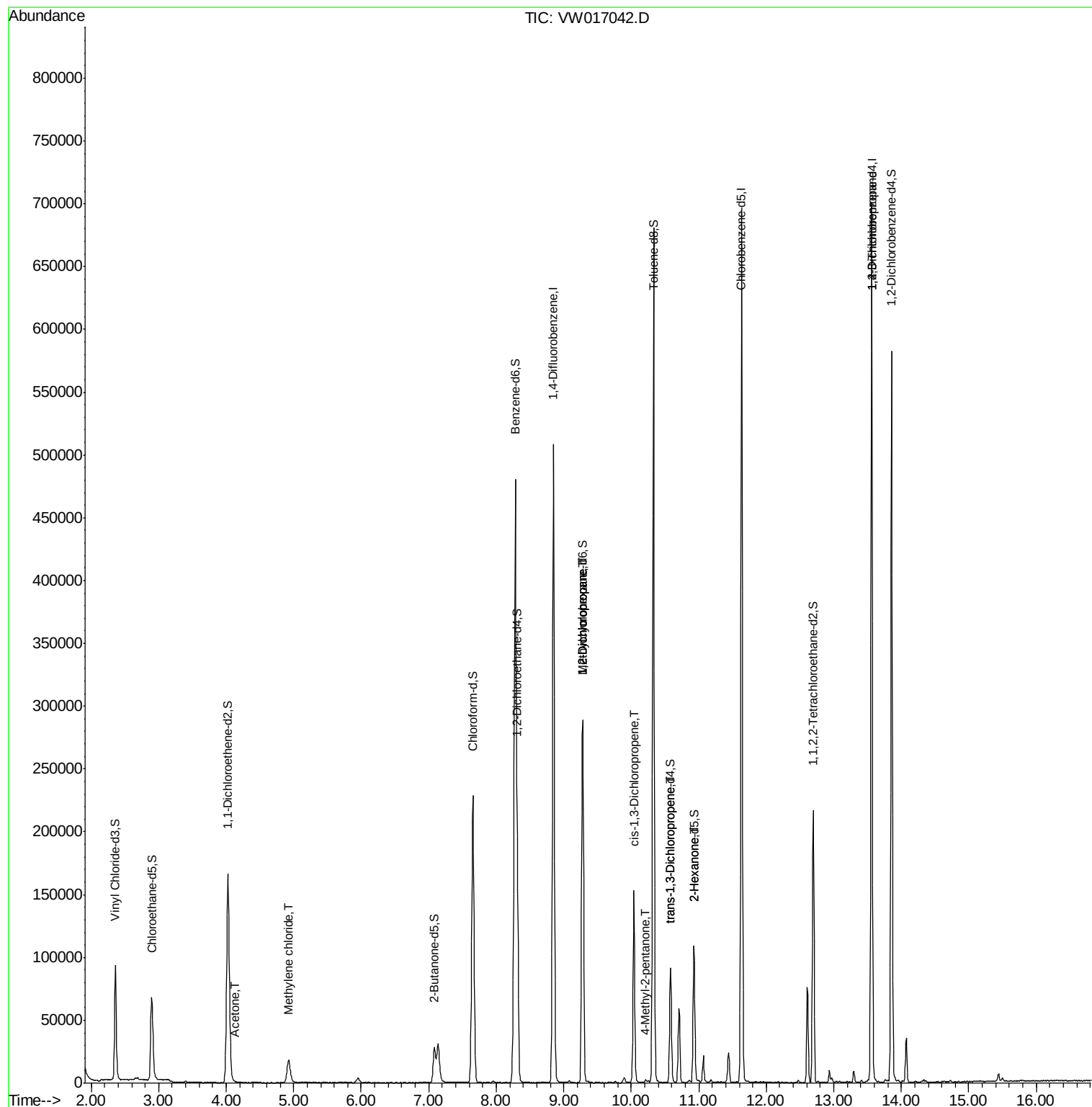
					Ovalue
13) Acetone	4.14	43	327	0.483 ug/L	92
16) Methylene chloride	4.93	84	17057	2.790 ug/L	89
36) Methylcyclohexane	9.28	83	36476	3.385 ug/L #	21
40) 1,2-Dichloropropane	9.28	63	14966	2.892 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	3737	0.462 ug/L #	52
43) 4-Methyl-2-pentanone	10.21	43	1753	0.715 ug/L #	92
45) trans-1,3-Dichloropropene	10.58	75	2420	0.361 ug/L #	82
49) 2-Hexanone	10.93	43	4231	2.707 ug/L #	67
59) 1,2,3-Trichloropropane	13.56	75	20073	6.310 ug/L	93

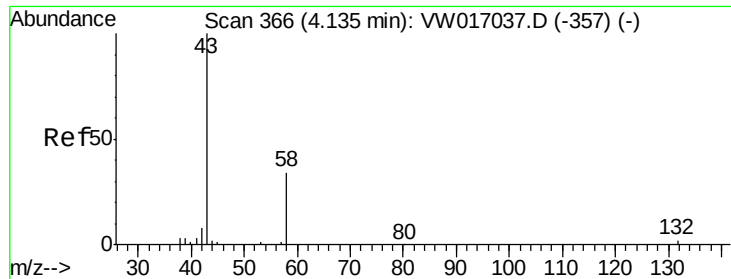
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Nov 03 04:48:47 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.483 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.00 min

Lab File: VW017042.D

Acq: 02 Nov 2020 13:01

Instrument :

MSVOA_W

ClientSampleId :

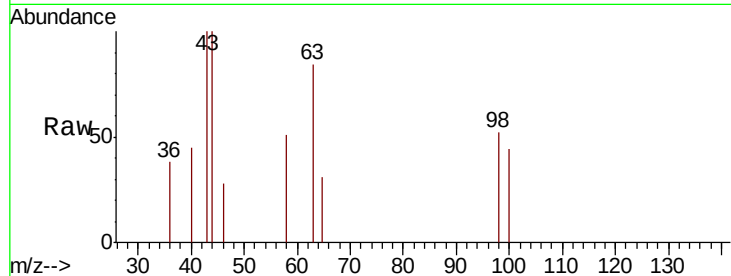
VIBLK22

Tot Ion: 43 Resp: 327

Ion Ratio Lower Upper

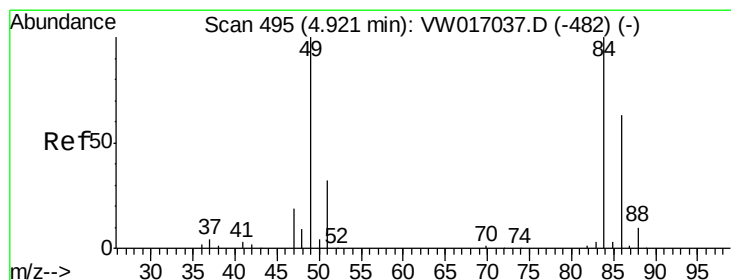
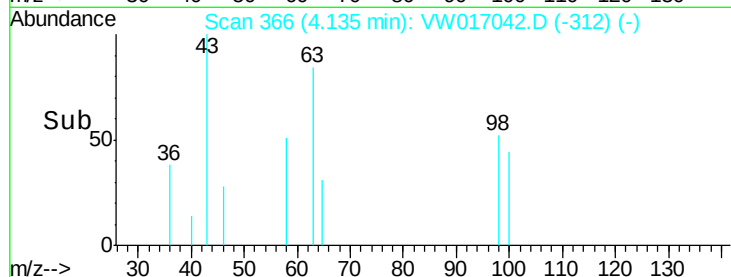
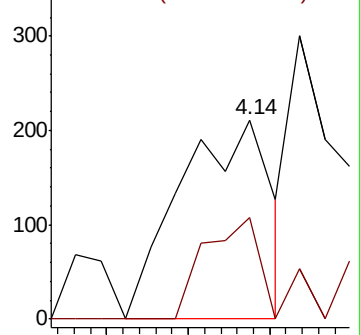
43 100

58 30.3 0.0 69.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.790 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017042.D

Acq: 02 Nov 2020 13:01

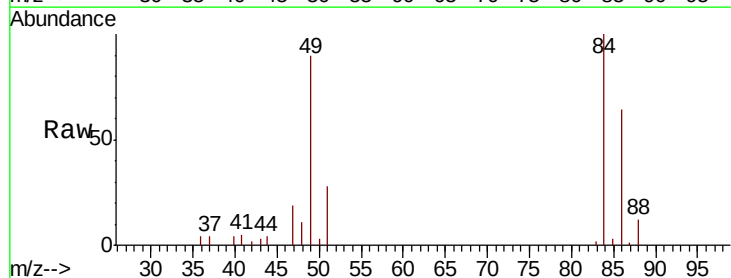
Tgt Ion: 84 Resp: 17057

Ion Ratio Lower Upper

84 100

49 90.1 73.8 137.0

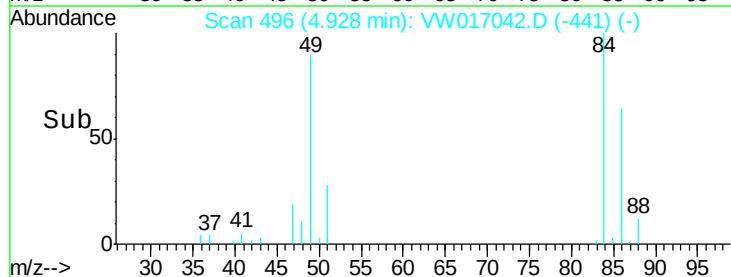
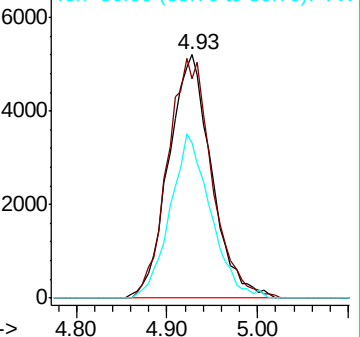
86 63.7 47.4 88.0

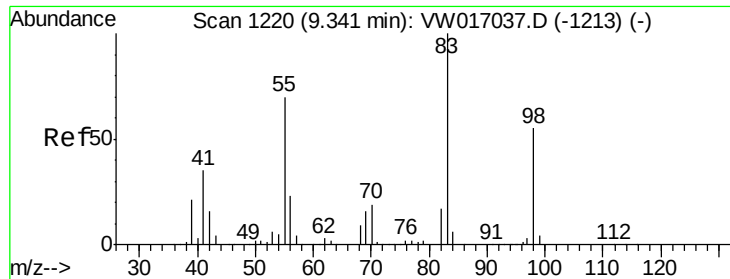


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

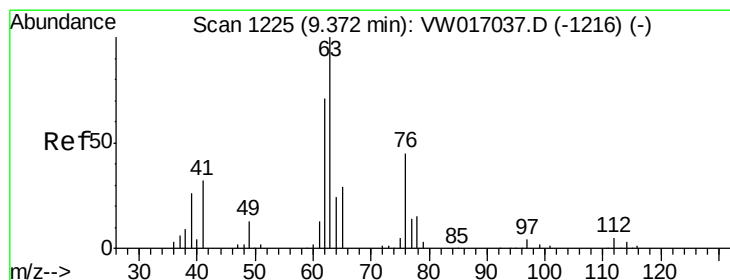
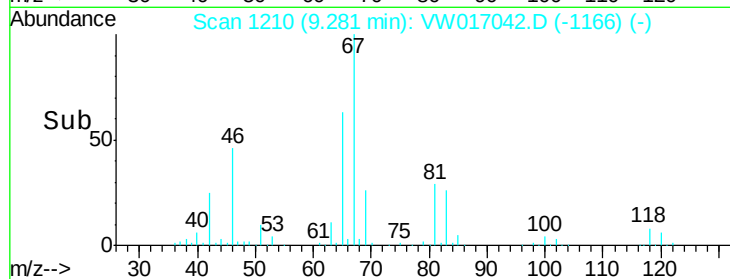
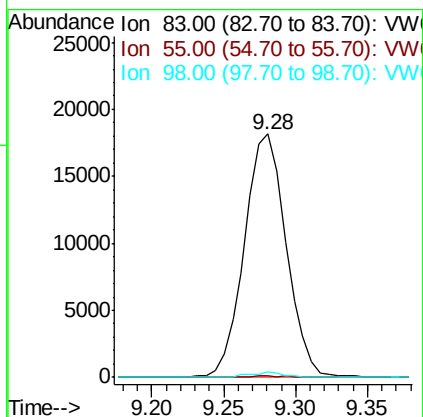
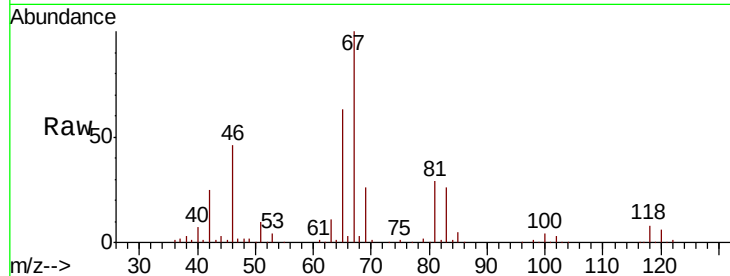




#36
Methylvlcyclohexane
Concen: 3.385 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW017042.D
Acq: 02 Nov 2020 13:01

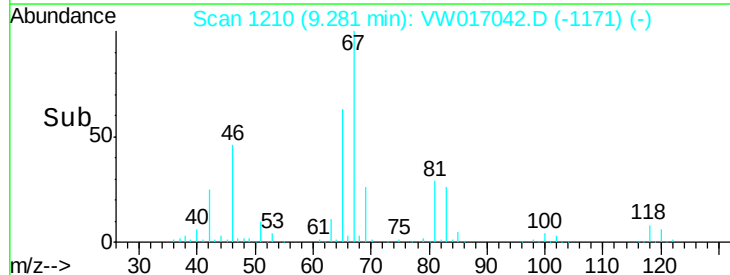
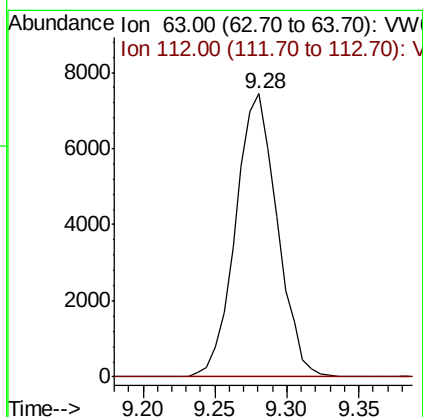
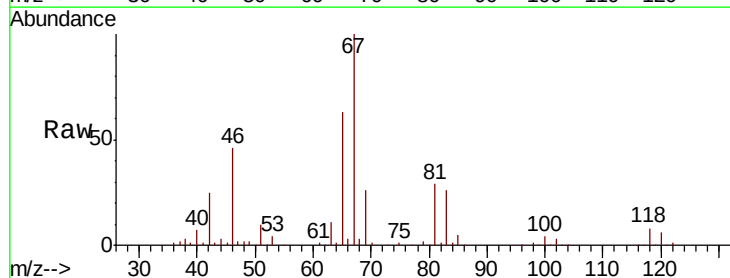
Instrument :
MSVOA_W
ClientSampleId :
VIBLK22

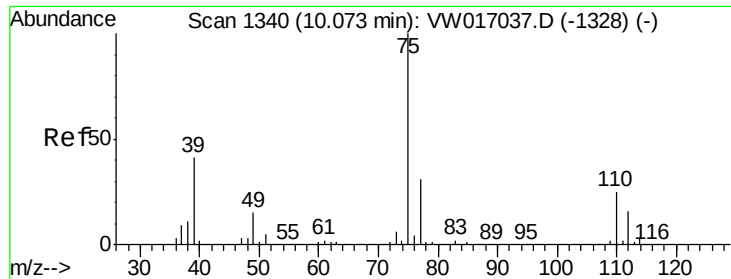
Tot Ion: 83 Resp: 36476
Ion Ratio Lower Upper
83 100
55 0.4 54.5 81.7#
98 1.2 40.8 61.2#



#40
1,2-Dichloropropane
Concen: 2.892 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW017042.D
Acq: 02 Nov 2020 13:01

Tgt Ion: 63 Resp: 14966
Ion Ratio Lower Upper
63 100
112 0.3 4.5 6.7#





#42

cis-1,3-Dichloropropene

Concen: 0.462 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017042.D

Acq: 02 Nov 2020 13:01

Instrument :

MSVOA_W

ClientSampled :

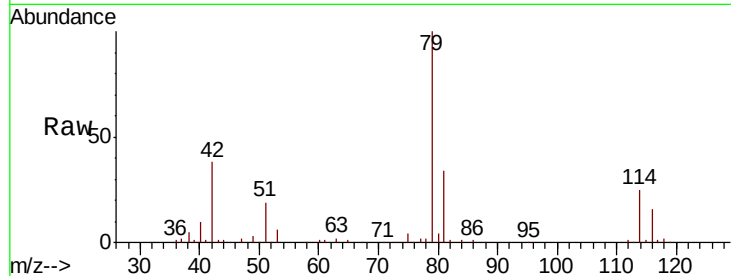
VIBLK22

Tot Ion: 75 Resp: 3737

Ion Ratio Lower Upper

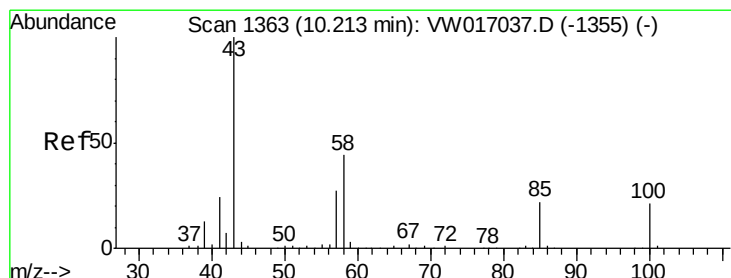
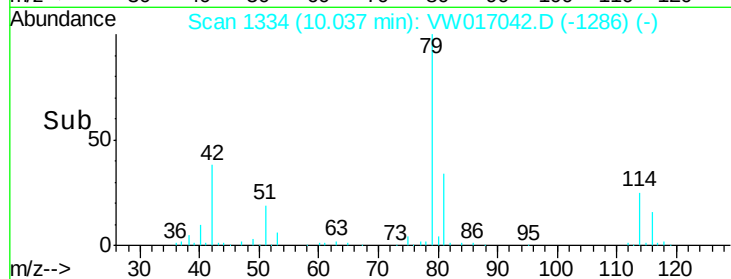
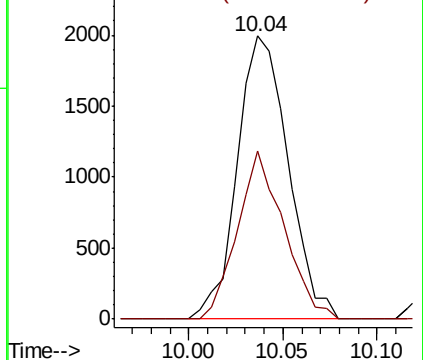
75 100

77 59.5 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#43

4-Methyl-2-pentanone

Concen: 0.715 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW017042.D

Acq: 02 Nov 2020 13:01

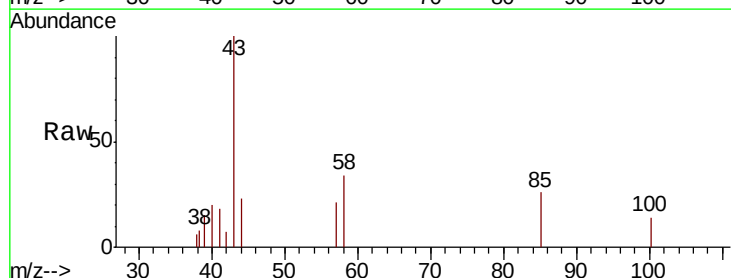
Tgt Ion: 43 Resp: 1753

Ion Ratio Lower Upper

43 100

58 41.7 34.4 51.6

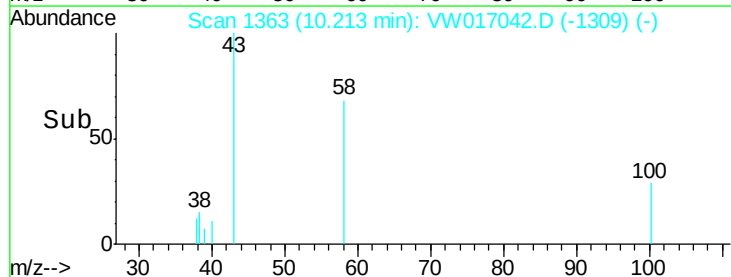
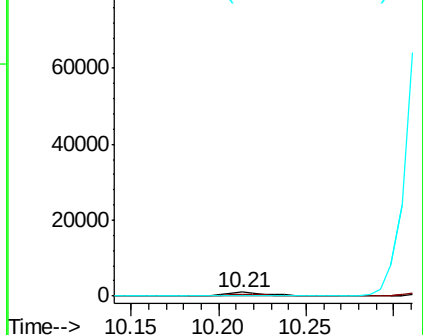
100 10.2 16.2 24.2#

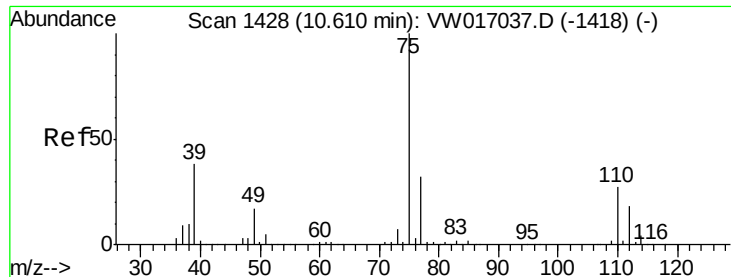


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.361 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017042.D

Acq: 02 Nov 2020 13:01

Instrument :

MSVOA_W

ClientSampleId :

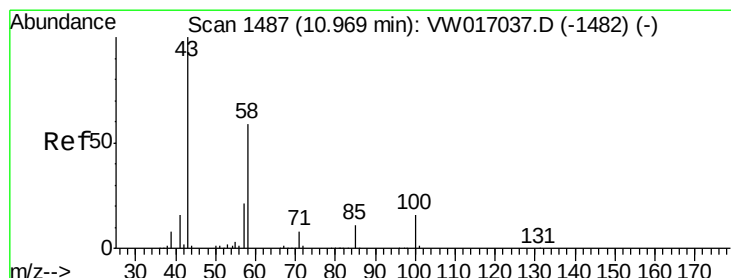
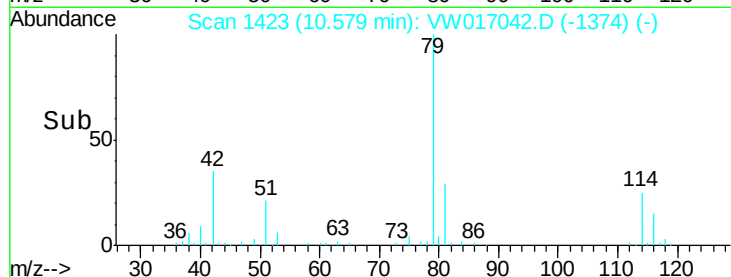
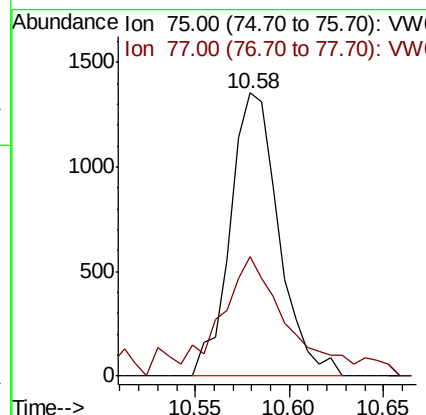
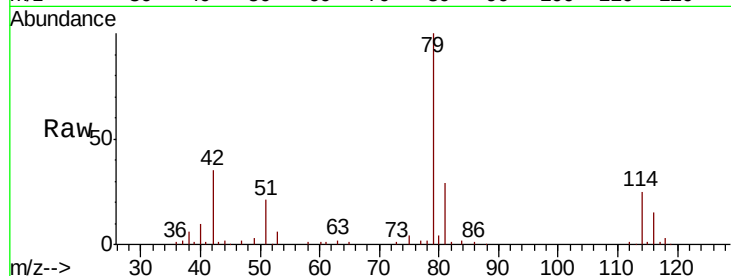
VIBLK22

Tot Ion: 75 Resp: 2420

Ion Ratio Lower Upper

75 100

77 42.4 22.7 42.3#



#49

2-Hexanone

Concen: 2.707 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017042.D

Acq: 02 Nov 2020 13:01

Tgt Ion: 43 Resp: 4231

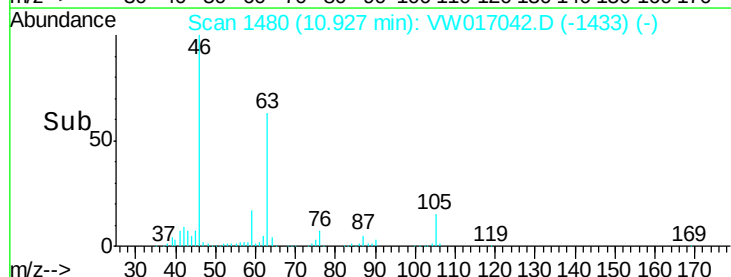
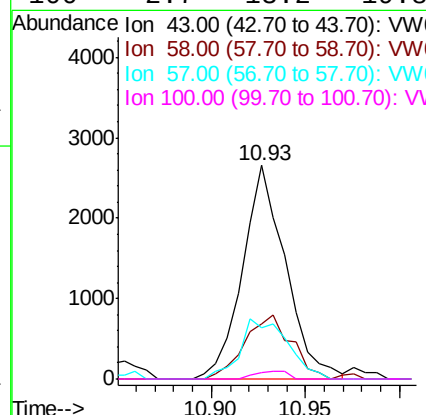
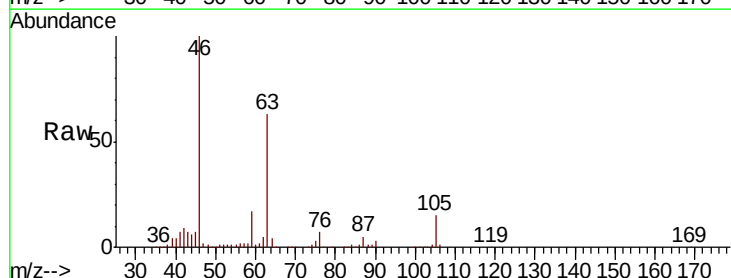
Ion Ratio Lower Upper

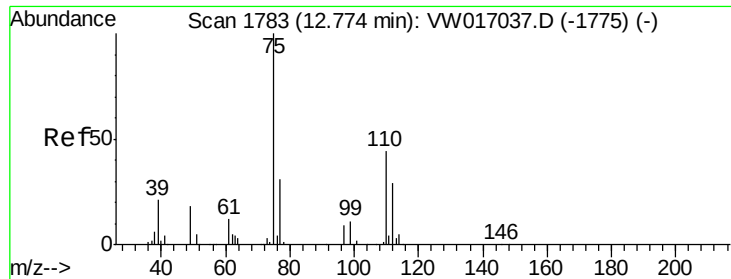
43 100

58 32.3 49.2 73.8#

57 30.9 17.0 25.4#

100 2.7 13.2 19.8#





#59

1,2,3-Trichloropropane

Concen: 6.310 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017042.D

Acq: 02 Nov 2020 13:01

Instrument :

MSVOA_W

ClientSampleId :

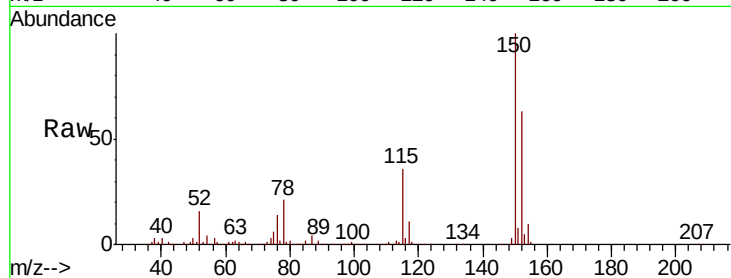
VIBLK22

Tot Ion: 75 Resp: 20073

Ion Ratio Lower Upper

75 100

77 36.2 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

