

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
 Data File : VW016615.D
 Acq On : 22 Sep 2020 17:05
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK02

Quant Time: Sep 23 07:30:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 07:21:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	542537	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	480154	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	230012	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	93062	17.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.88%
7) Chloroethane-d5	2.91	69	83039	19.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.48%
10) 1,1-Dichloroethene-d2	4.03	63	145616	12.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.60%
20) 2-Butanone-d5	7.08	46	63819	44.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.14%
24) Chloroform-d	7.65	84	238078	20.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.92%
26) 1,2-Dichloroethane-d4	8.31	65	128931	22.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.52%
29) Benzene-d6	8.28	84	431818	20.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.20%
33) 1,2-Dichloropropane-d6	9.28	67	127148	21.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.16%
37) Toluene-d8	10.33	98	395738	18.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.72%
38) trans-1,3-Dichloropropene-	10.58	79	60115	20.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.76%
39) 2-Hexanone-d5	10.93	63	49457	46.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116874	23.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	163323	22.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.88%

Target Compounds

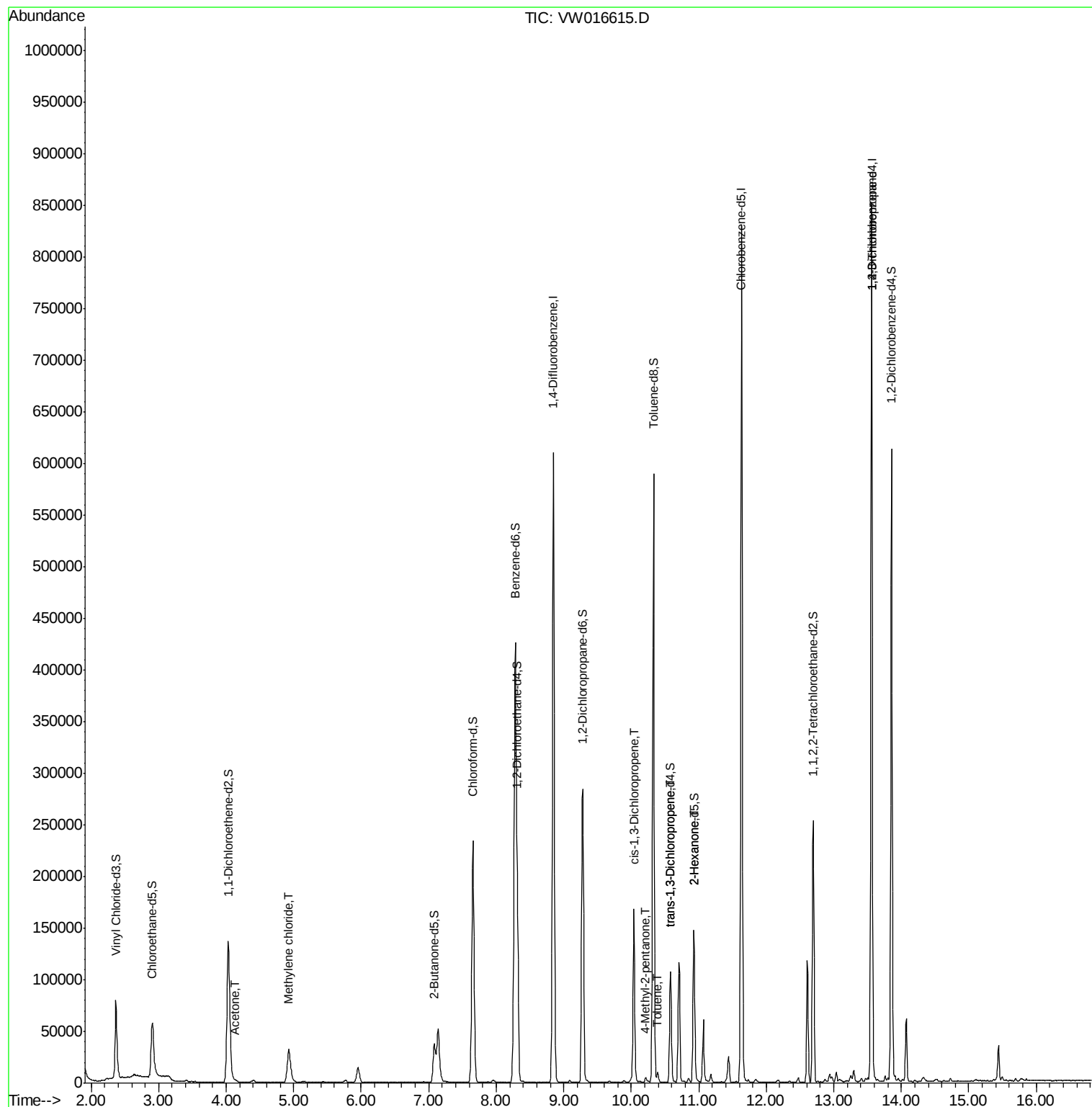
					Ovalue
13) Acetone	4.14	43	1518	1.353 ug/L	59
16) Methylene chloride	4.92	84	28261	3.377 ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	5048	0.494 ug/L #	71
43) 4-Methyl-2-pentanone	10.21	43	3442	0.905 ug/L	95
44) Toluene	10.39	91	6678	0.231 ug/L	92
45) trans-1,3-Dichloropropene	10.58	75	3119	0.351 ug/L	92
49) 2-Hexanone	10.93	43	6430	2.664 ug/L #	70
59) 1,2,3-Trichloropropane	13.56	75	25321	6.029 ug/L	89

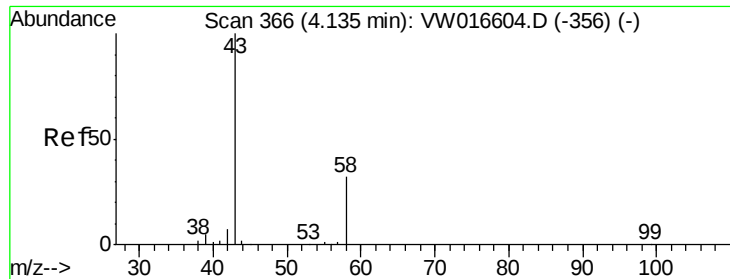
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Sep 23 07:21:48 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.353 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW016615.D

Acq: 22 Sep 2020 17:05

Instrument :

MSVOA_W

ClientSampleId :

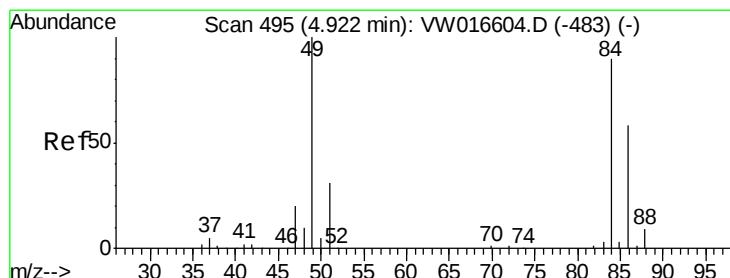
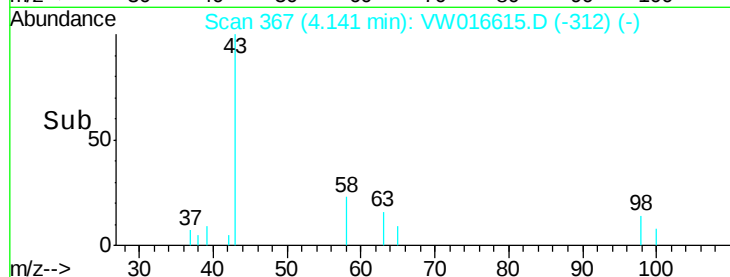
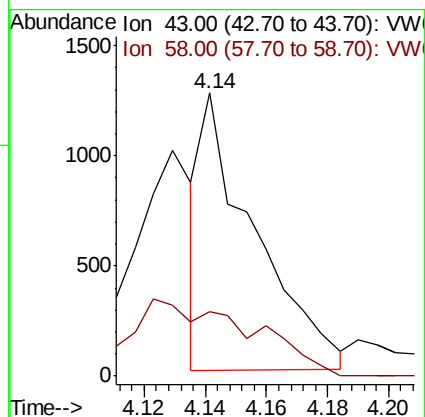
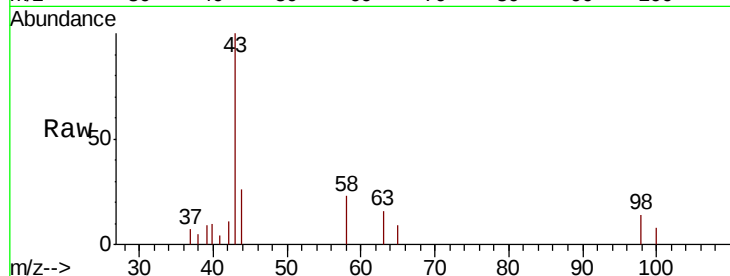
VIBLK02

Tot Ion: 43 Resp: 1518

Ion Ratio Lower Upper

43 100

58 7.8 0.0 60.2



#16

Methylene chloride

Concen: 3.377 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW016615.D

Acq: 22 Sep 2020 17:05

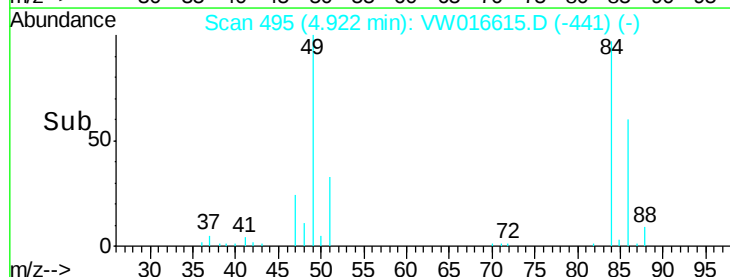
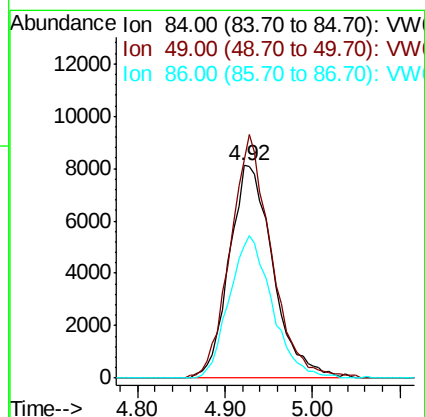
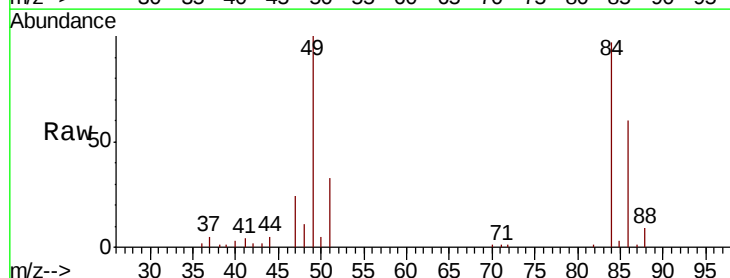
Tgt Ion: 84 Resp: 28261

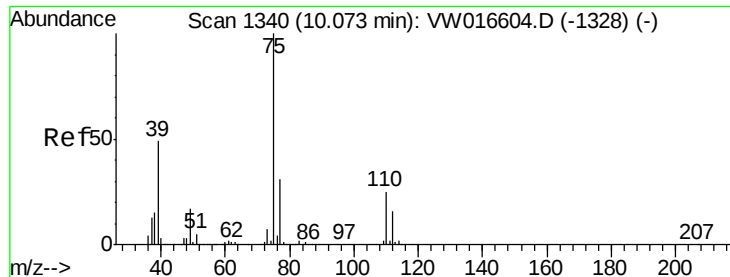
Ion Ratio Lower Upper

84 100

49 102.7 76.0 141.2

86 62.1 45.6 84.6





#42

cis-1,3-Dichloropropene

Concen: 0.494 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016615.D

Acq: 22 Sep 2020 17:05

Instrument :

MSVOA_W

ClientSampleId :

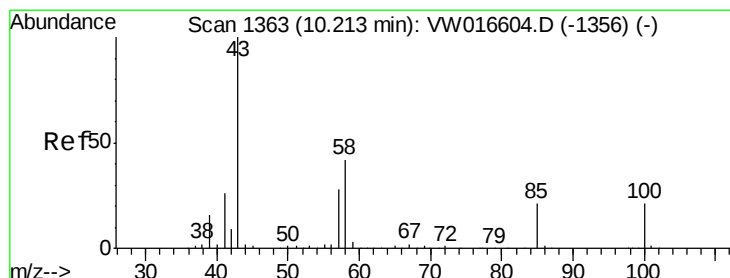
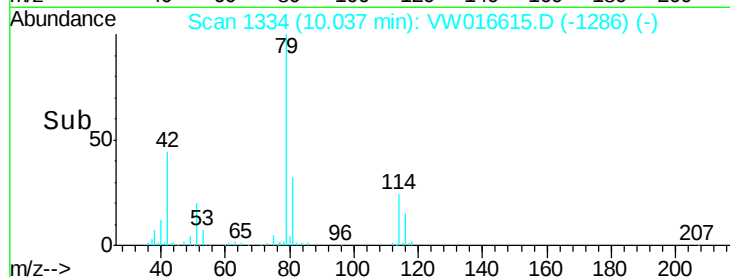
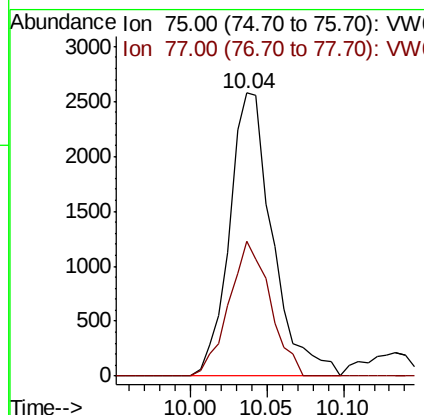
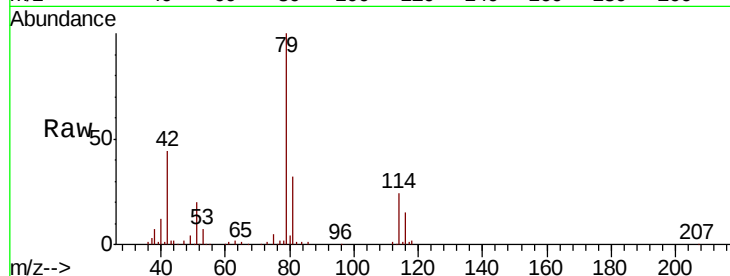
VIBLK02

Tot Ion: 75 Resp: 5048

Ion Ratio Lower Upper

75 100

77 47.7 22.2 41.2#



#43

4-Methyl-2-pentanone

Concen: 0.905 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016615.D

Acq: 22 Sep 2020 17:05

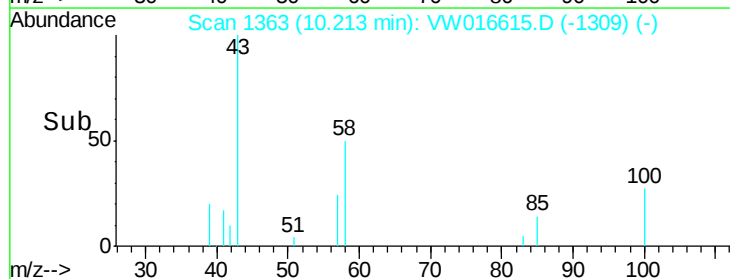
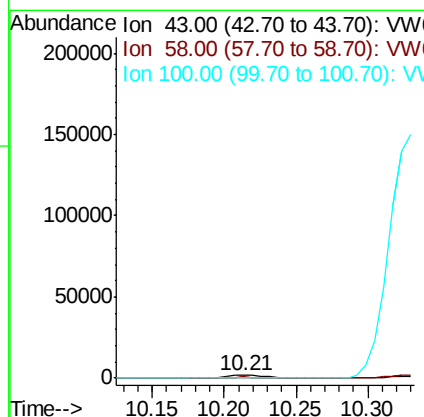
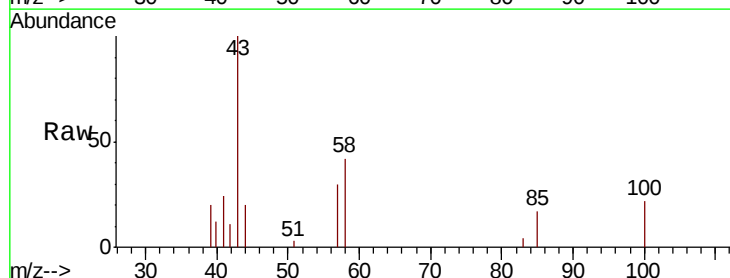
Tgt Ion: 43 Resp: 3442

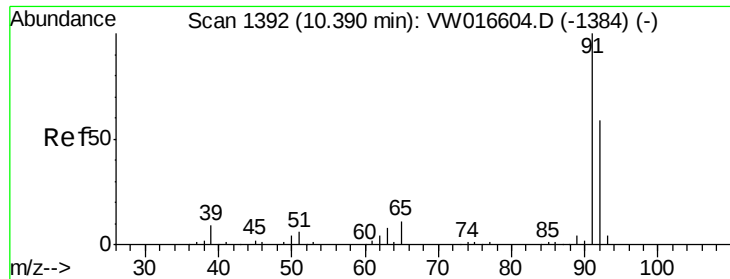
Ion Ratio Lower Upper

43 100

58 37.0 32.2 48.4

100 21.3 15.8 23.6





#44

Toluene

Concen: 0.231 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016615.D

Acq: 22 Sep 2020 17:05

Instrument :

MSVOA_W

ClientSampleId :

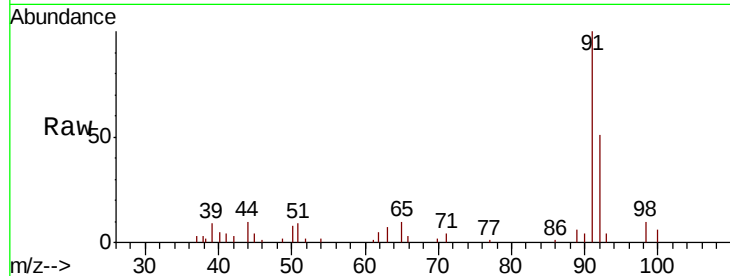
VIBLK02

Tot Ion: 91 Resp: 6678

Ion Ratio Lower Upper

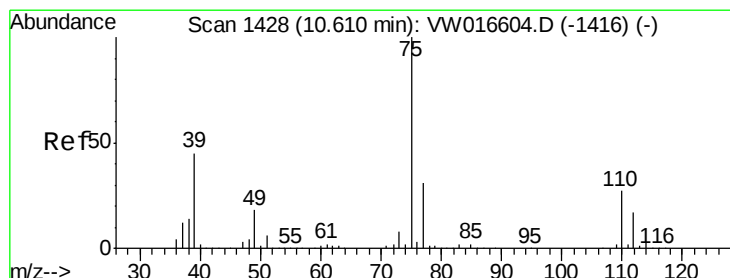
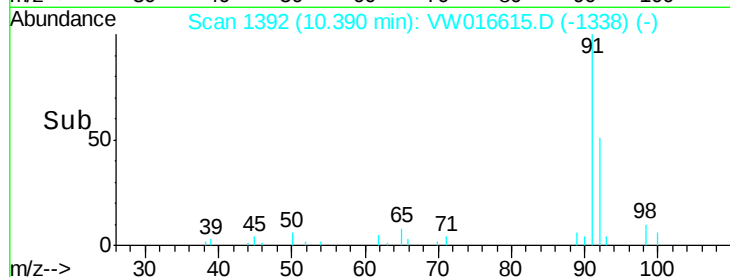
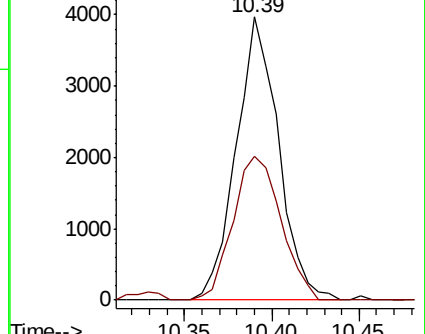
91 100

92 50.9 39.6 73.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.351 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016615.D

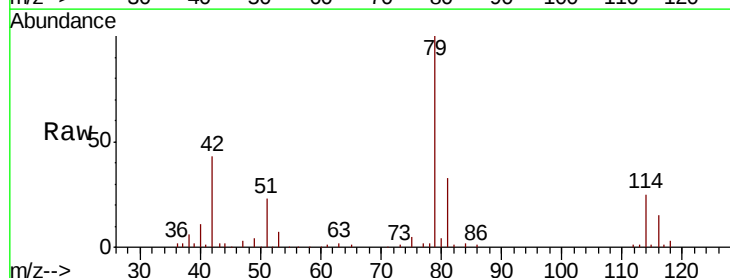
Acq: 22 Sep 2020 17:05

Tgt Ion: 75 Resp: 3119

Ion Ratio Lower Upper

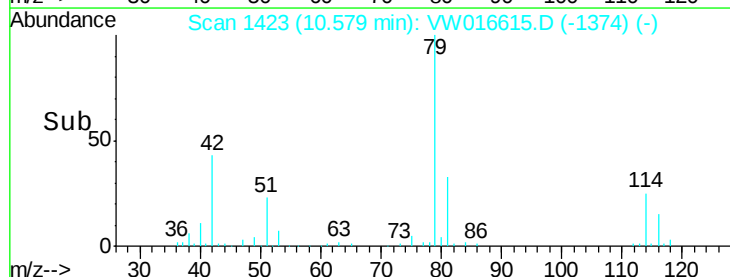
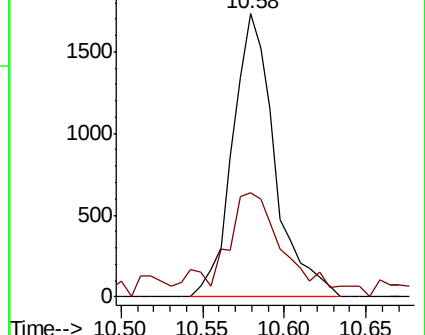
75 100

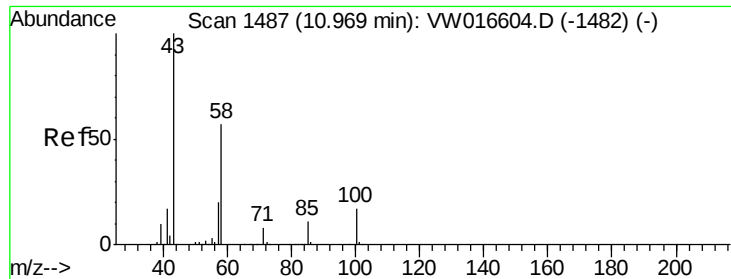
77 36.7 22.5 41.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 2.664 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016615.D

Acq: 22 Sep 2020 17:05

Instrument :

MSVOA_W

ClientSampled :

VIBLK02

Tot Ion: 43 Resp: 6430

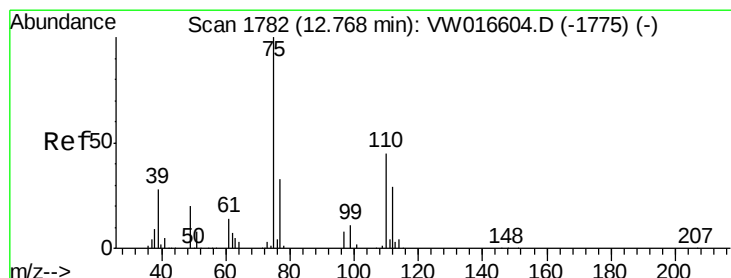
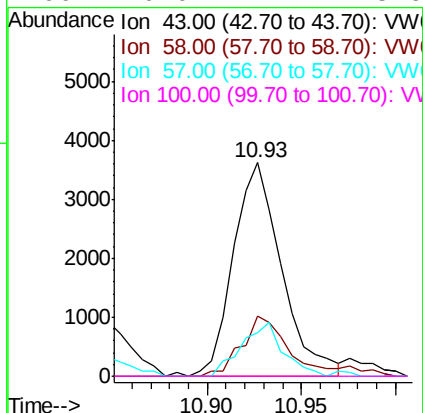
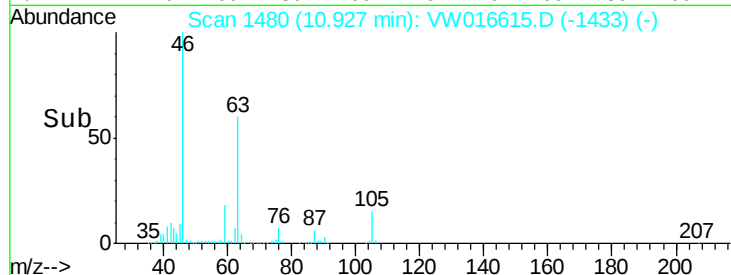
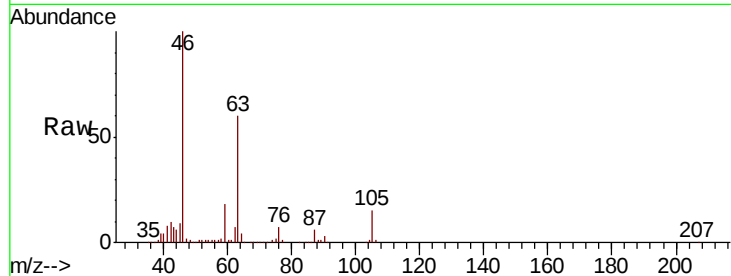
Ion Ratio Lower Upper

43 100

58 27.3 44.2 66.2#

57 21.9 16.3 24.5

100 0.0 12.4 18.6#



#59

1,2,3-Trichloropropane

Concen: 6.029 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016615.D

Acq: 22 Sep 2020 17:05

Tgt Ion: 75 Resp: 25321

Ion Ratio Lower Upper

75 100

77 38.9 26.2 39.4

