

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101420\
 Data File : VW016893.D
 Acq On : 13 Oct 2020 12:35
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK10

Quant Time: Oct 14 08:42:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 14 08:34:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	553937	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	503852	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	245492	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108559	19.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.48%
7) Chloroethane-d5	2.89	69	90644	19.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.08%
10) 1,1-Dichloroethene-d2	4.03	63	163408	14.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.32%
20) 2-Butanone-d5	7.08	46	62748	50.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.40%
24) Chloroform-d	7.65	84	246198	21.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.24%
26) 1,2-Dichloroethane-d4	8.31	65	126618	22.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.72%
29) Benzene-d6	8.27	84	494961	21.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.52%
33) 1,2-Dichloropropane-d6	9.27	67	137721	22.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.56%
37) Toluene-d8	10.33	98	466735	21.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.48%
38) trans-1,3-Dichloropropene-	10.58	79	59563	21.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.84%
39) 2-Hexanone-d5	10.93	63	51194	53.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121010	24.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	180162	23.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.56%

Target Compounds

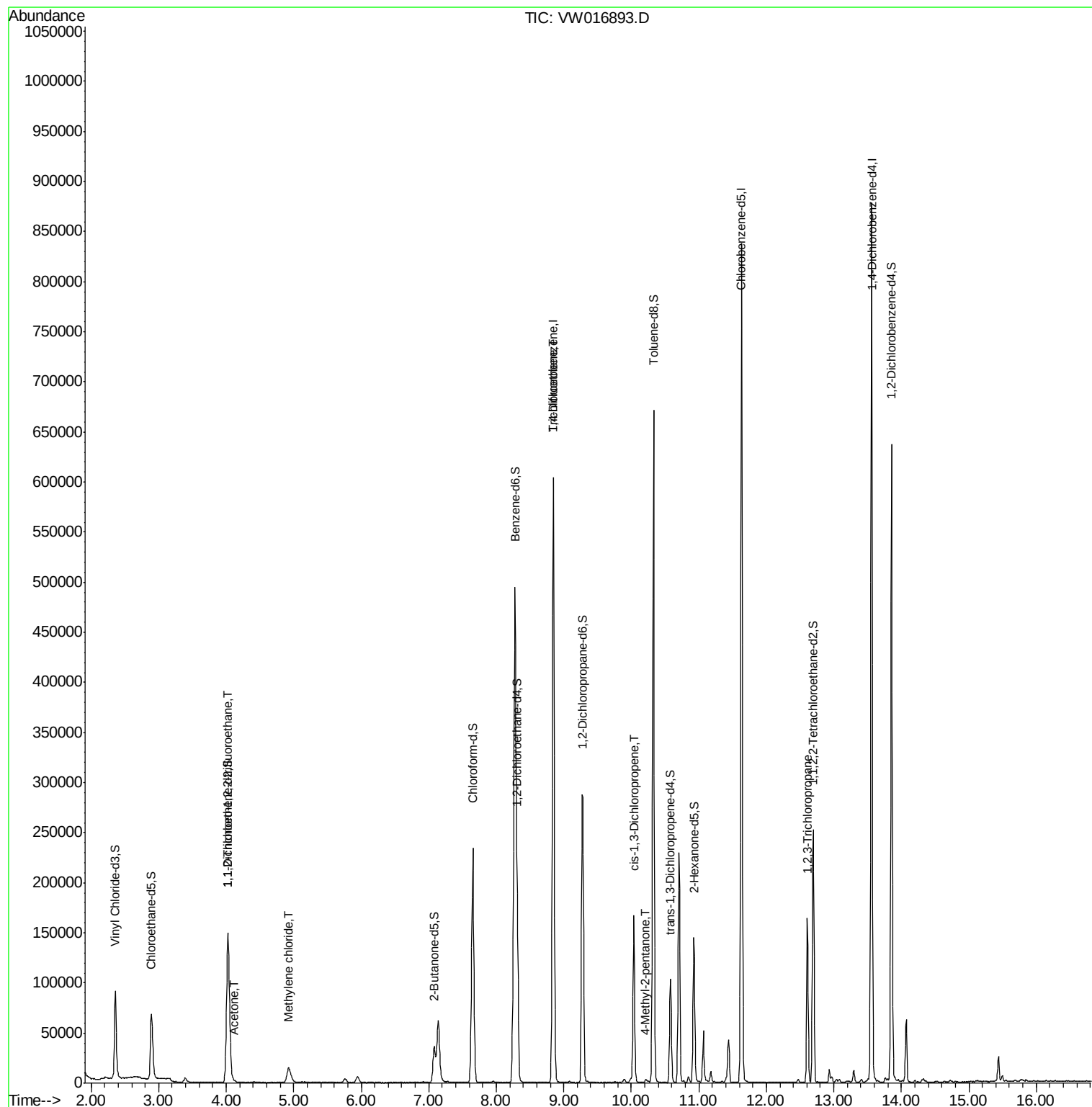
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	2043	0.274 ug/L #	17
13) Acetone	4.12	43	1147	1.225 ug/L	80
16) Methylene chloride	4.92	84	14032	1.836 ug/L	93
35) Trichloroethene	8.84	95	15837	2.069 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	4015	0.412 ug/L #	66
43) 4-Methyl-2-pentanone	10.21	43	2396	0.778 ug/L	96
59) 1,2,3-Trichloropropane	12.61	75	1462	0.367 ug/L	92

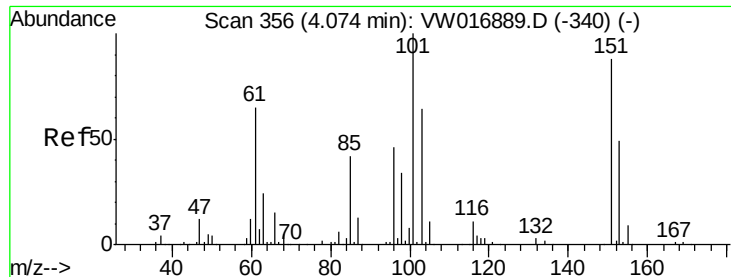
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Oct 14 08:34:08 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.274 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.05 min

Lab File: VW016893.D

Acq: 13 Oct 2020 12:35

Instrument :

MSVOA_W

ClientSampleId :

VIBLK10

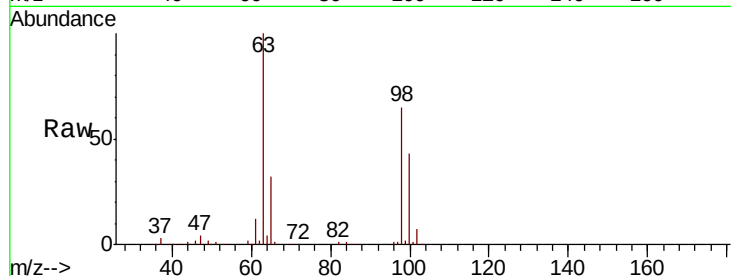
Tot Ion:101 Resp: 2043

Ion Ratio Lower Upper

101 100

85 0.0 31.7 47.5#

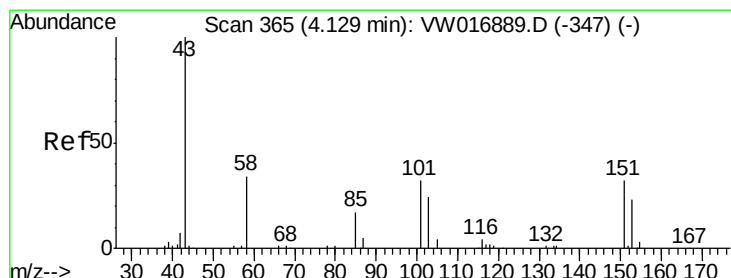
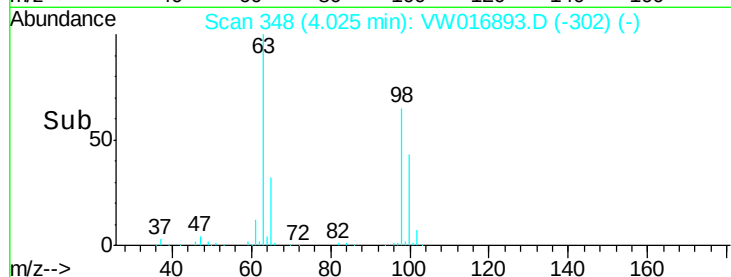
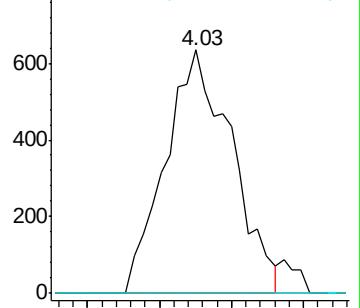
151 0.0 66.6 99.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.225 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW016893.D

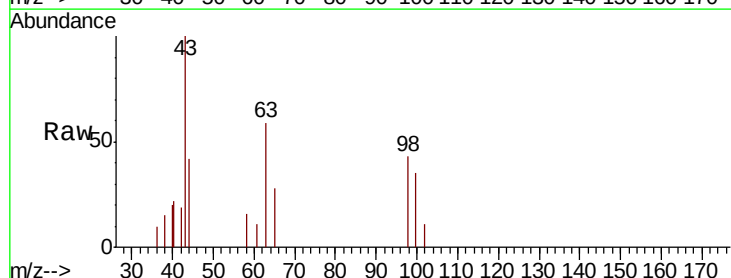
Acq: 13 Oct 2020 12:35

Tgt Ion: 43 Resp: 1147

Ion Ratio Lower Upper

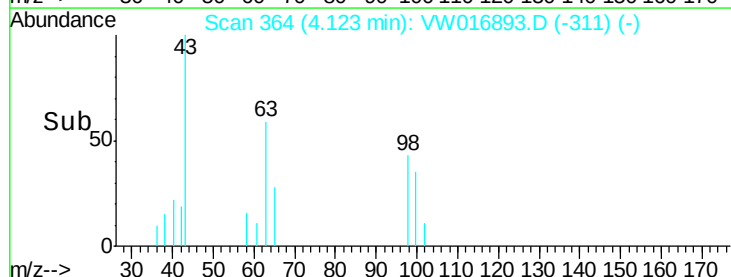
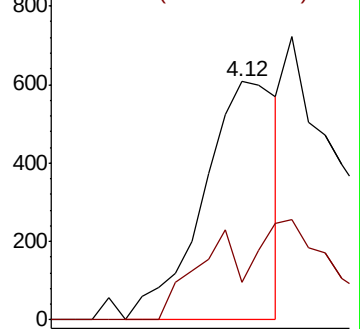
43 100

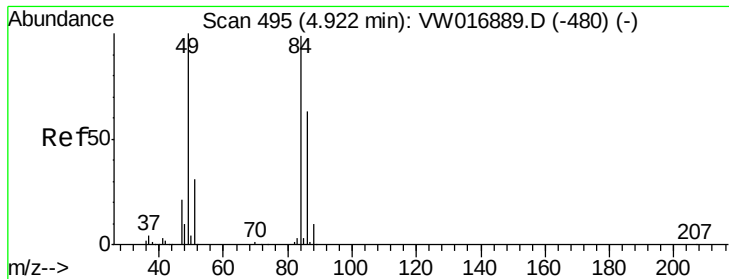
58 22.2 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

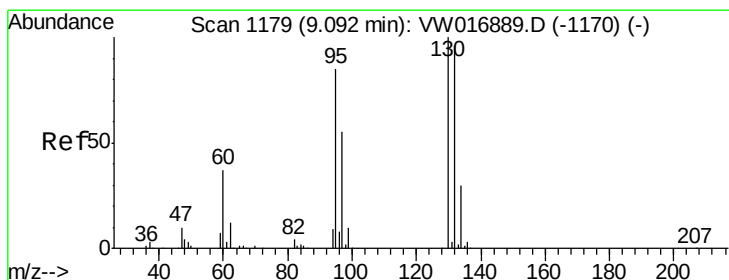
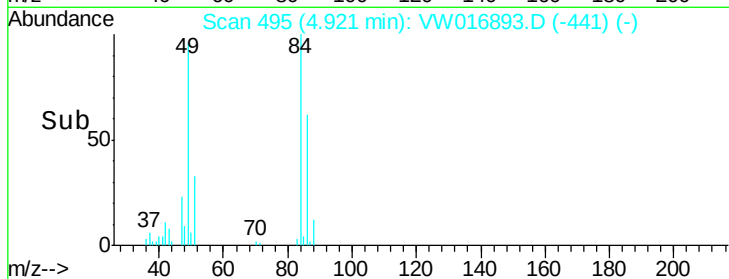
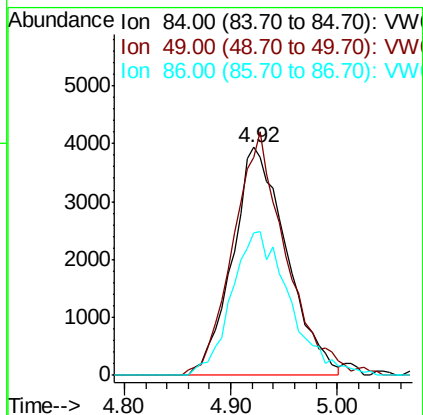
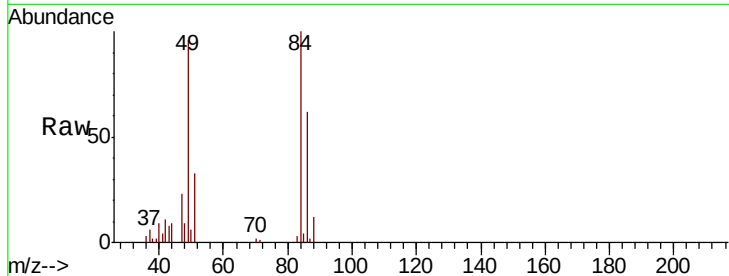




#16
Methvlene chloride
Concen: 1.836 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW016893.D
Acq: 13 Oct 2020 12:35

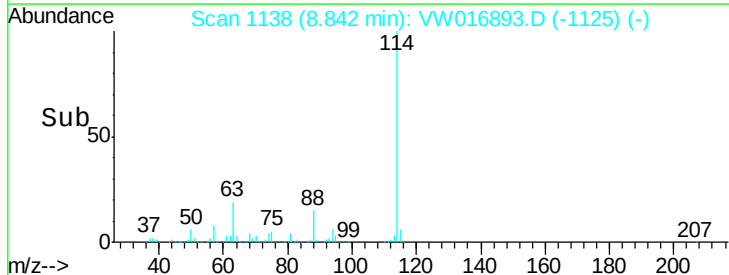
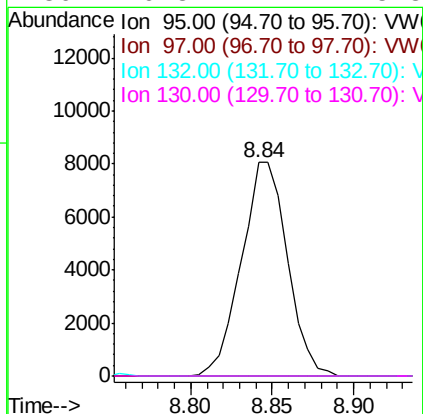
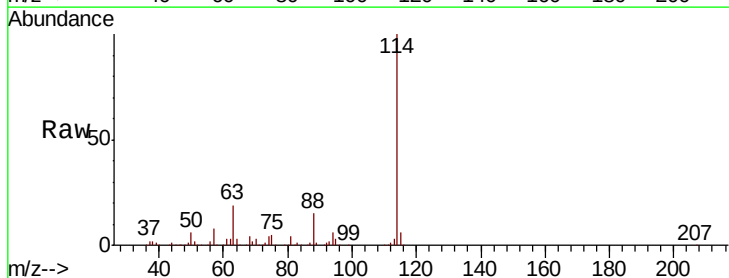
Instrument :
MSVOA_W
ClientSampled :
VIBLK10

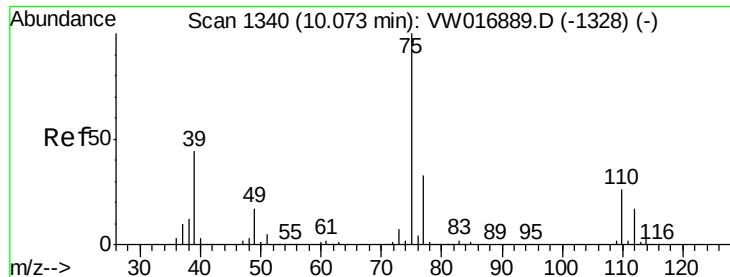
Tot Ion: 84 Resp: 14032
Ion Ratio Lower Upper
84 100
49 95.6 73.1 135.8
86 62.4 46.0 85.4



#35
Trichloroethene
Concen: 2.069 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW016893.D
Acq: 13 Oct 2020 12:35

Tgt Ion: 95 Resp: 15837
Ion Ratio Lower Upper
95 100
97 0.0 44.7 83.1#
132 0.0 73.8 137.2#
130 0.3 77.1 143.3#





#42

cis-1,3-Dichloropropene

Concen: 0.412 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016893.D

Acq: 13 Oct 2020 12:35

Instrument :

MSVOA_W

ClientSampleId :

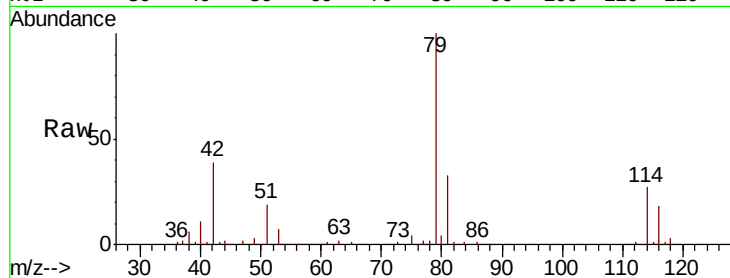
VIBLK10

Tot Ion: 75 Resp: 4015

Ion Ratio Lower Upper

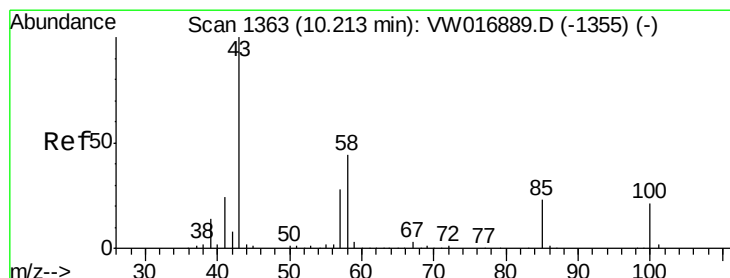
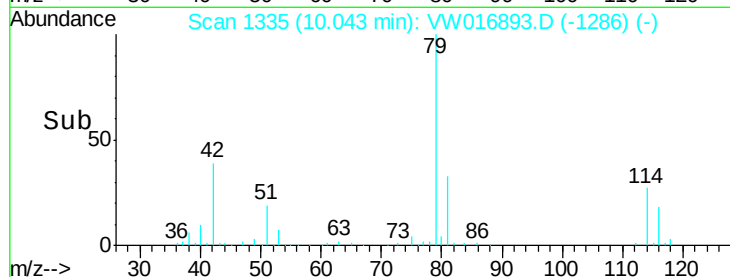
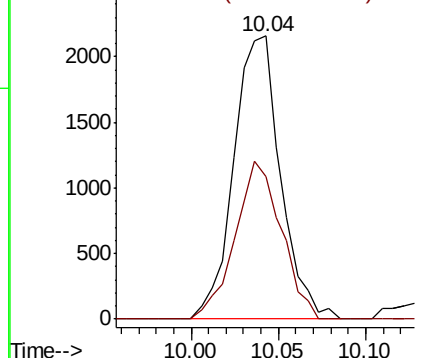
75 100

77 50.6 22.1 41.1#



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: 0.778 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW016893.D

Acq: 13 Oct 2020 12:35

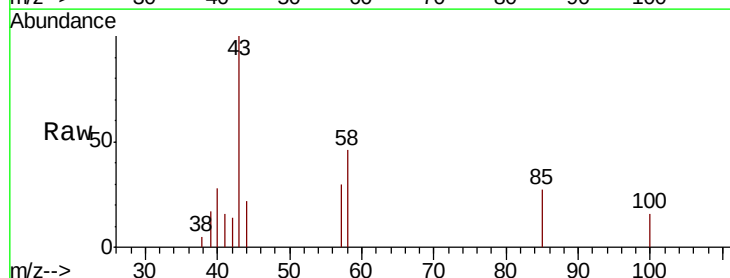
Tgt Ion: 43 Resp: 2396

Ion Ratio Lower Upper

43 100

58 42.1 34.7 52.1

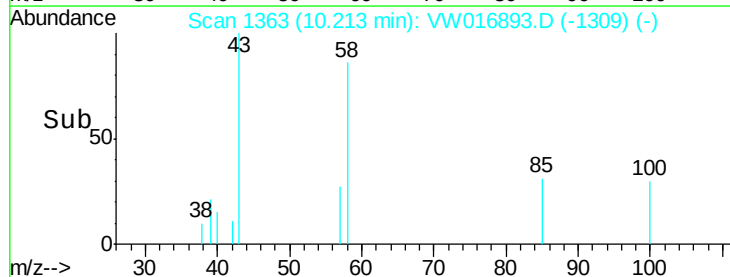
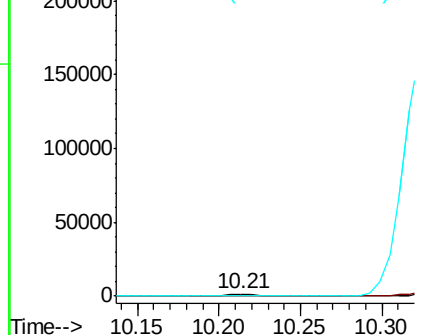
100 17.3 16.9 25.3

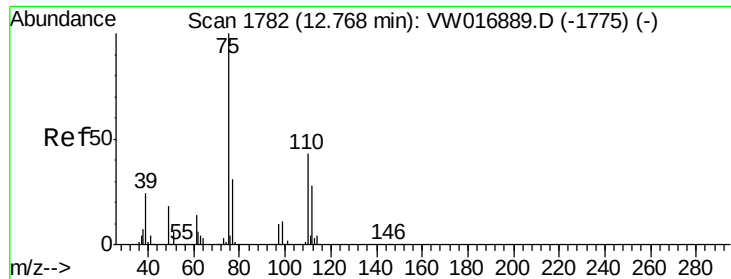


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW





#59

1,2,3-Trichloropropane

Concen: 0.367 ug/L

RT: 12.61 min Scan# 1756

Delta R.T. -0.16 min

Lab File: VW016893.D

Acq: 13 Oct 2020 12:35

Instrument :

MSVOA_W

ClientSampleId :

VIBLK10

Tot Ion: 75 Resp: 1462

Ion Ratio Lower Upper

75 100

77 28.4 26.2 39.2

