

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122420\
 Data File : VW017750.D
 Acq On : 24 Dec 2020 21:07
 Operator : SY/VA
 Sample : VIBLK26
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 07:50:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 25 07:46:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	303967	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	281047	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	134874	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	102506	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.16%
7) Chloroethane-d5	2.89	69	90166	23.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.92%
10) 1,1-Dichloroethene-d2	4.02	63	136348	16.64	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.56%
20) 2-Butanone-d5	7.07	46	47096	61.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.56%
24) Chloroform-d	7.65	84	189125	23.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.24%
26) 1,2-Dichloroethane-d4	8.31	65	111043	27.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.04%
29) Benzene-d6	8.27	84	376428	23.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.12%
33) 1,2-Dichloropropane-d6	9.27	67	108819	24.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.76%
37) Toluene-d8	10.32	98	351367	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.44%
38) trans-1,3-Dichloropropene-	10.58	79	43842	22.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.16%
39) 2-Hexanone-d5	10.93	63	28583	52.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89117	27.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	117680	25.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.24%

Target Compounds

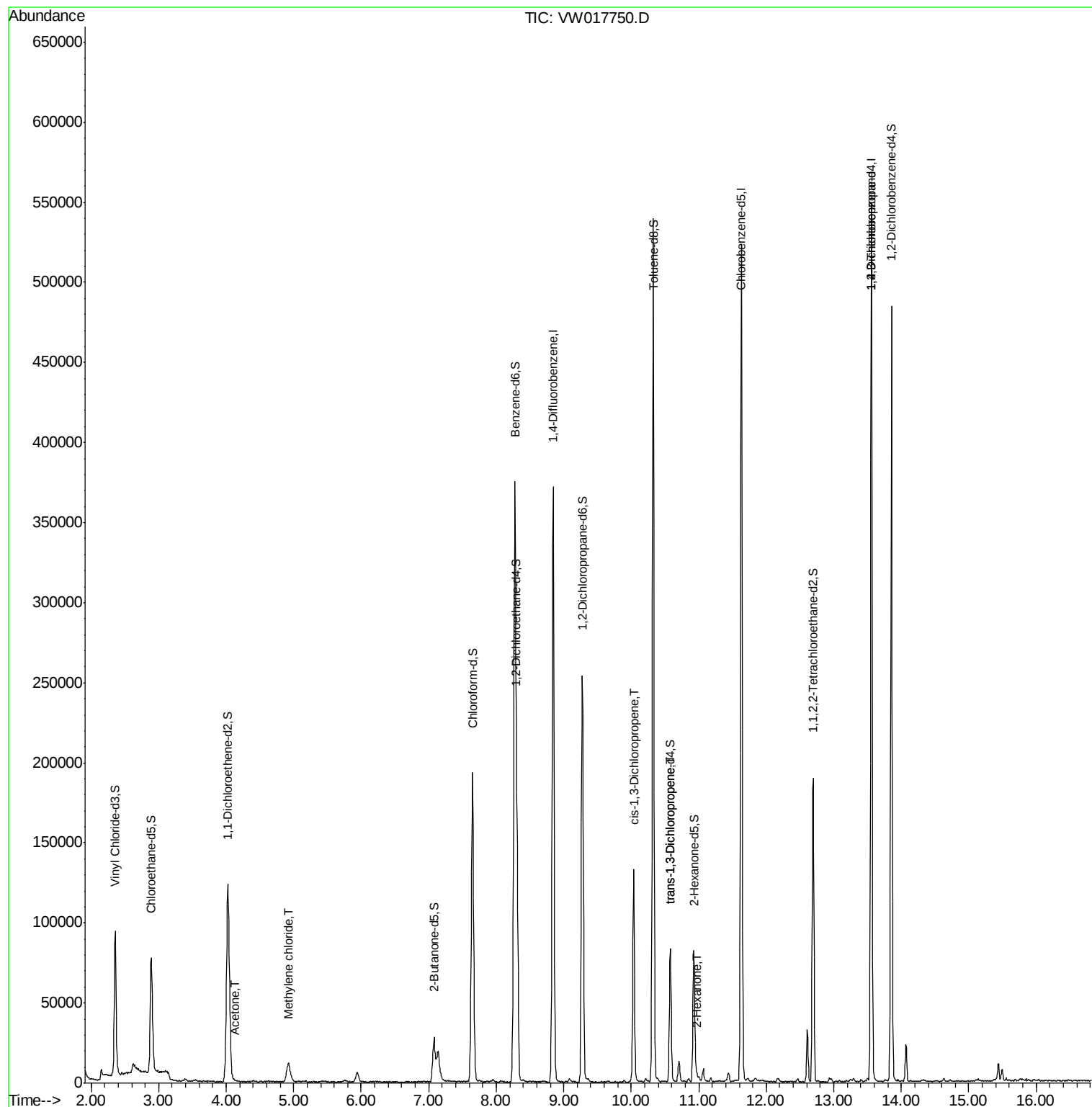
					Ovalue
13) Acetone	4.13	43	860	1.307 ug/L	84
16) Methylene chloride	4.91	84	3942	0.907 ug/L	89
42) cis-1,3-Dichloropropene	10.04	75	4269	0.705 ug/L #	57
45) trans-1,3-Dichloropropene	10.59	75	2571	0.499 ug/L	97
49) 2-Hexanone	10.98	43	1637	1.252 ug/L #	42
59) 1,2,3-Trichloropropane	13.55	75	19390	8.381 ug/L	95

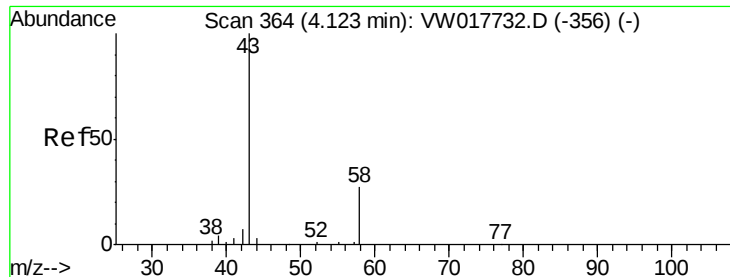
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 25 07:46:43 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.307 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017750.D

Acq: 24 Dec 2020 21:07

Instrument :

MSVOA_W

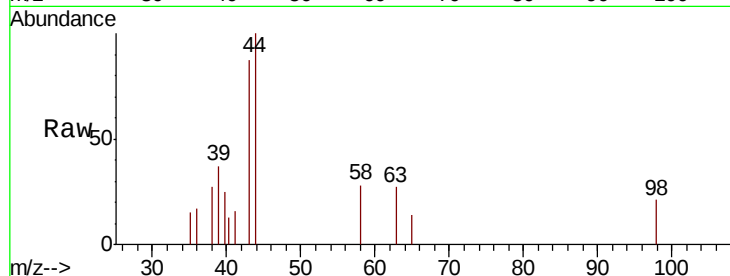
ClientSampleId :

Tot Ion: 43 Resp: 860

Ion Ratio Lower Upper

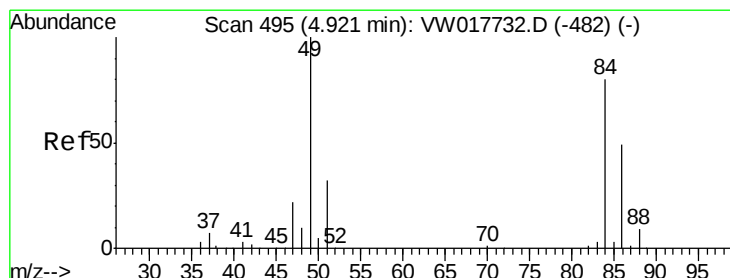
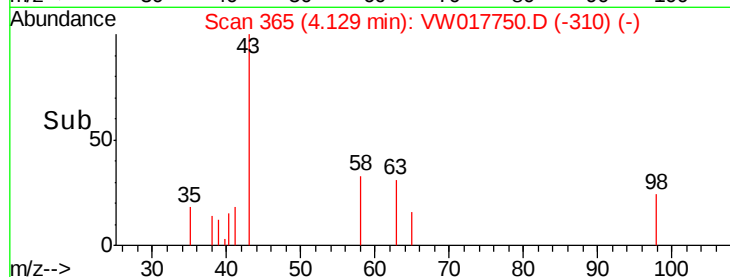
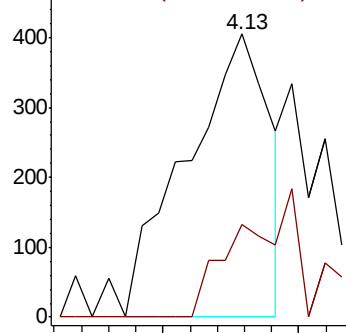
43 100

58 21.9 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 0.907 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW017750.D

Acq: 24 Dec 2020 21:07

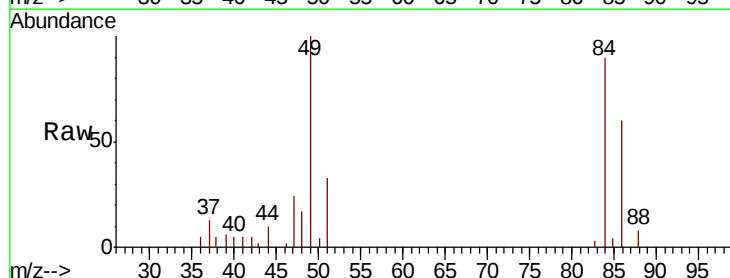
Tgt Ion: 84 Resp: 3942

Ion Ratio Lower Upper

84 100

49 111.2 90.5 168.1

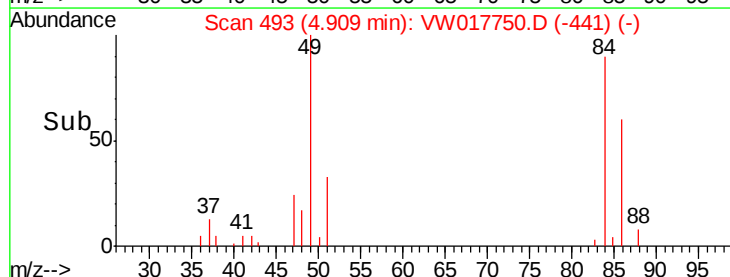
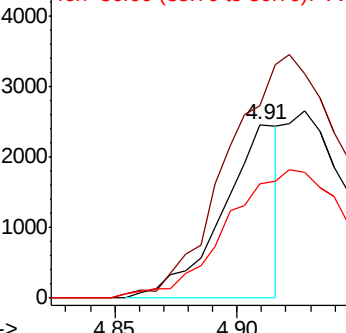
86 66.3 44.8 83.2

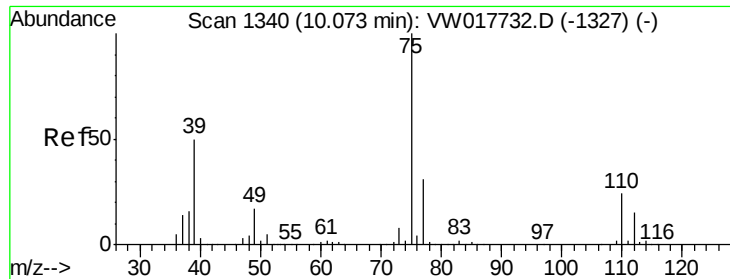


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.705 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017750.D

Acq: 24 Dec 2020 21:07

Instrument :

MSVOA_W

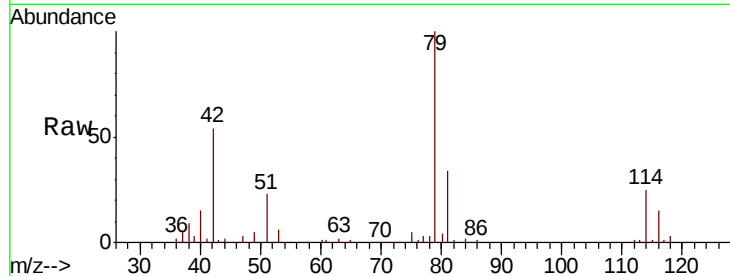
ClientSampled :

Tot Ion: 75 Resp: 4269

Ion Ratio Lower Upper

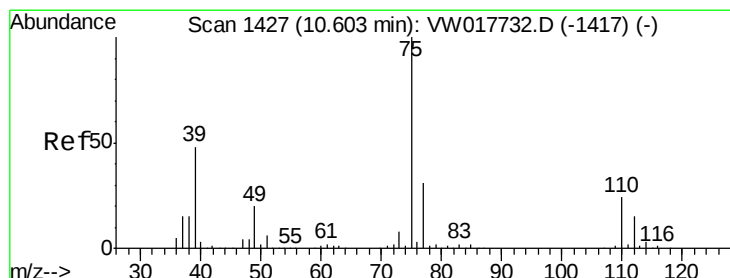
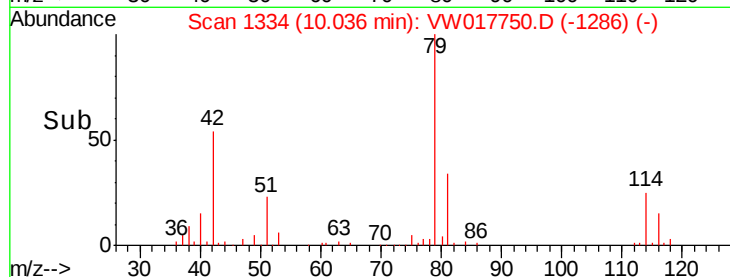
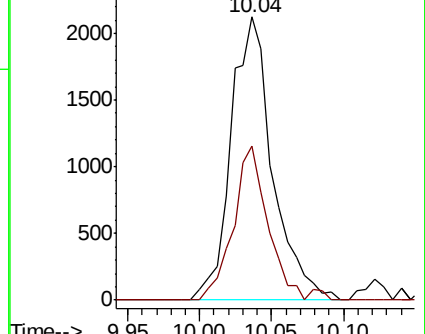
75 100

77 54.5 21.6 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.499 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017750.D

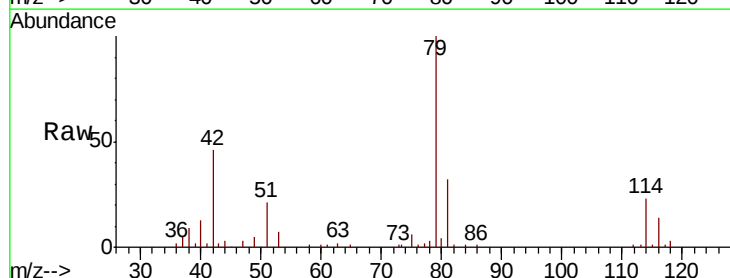
Acq: 24 Dec 2020 21:07

Tgt Ion: 75 Resp: 2571

Ion Ratio Lower Upper

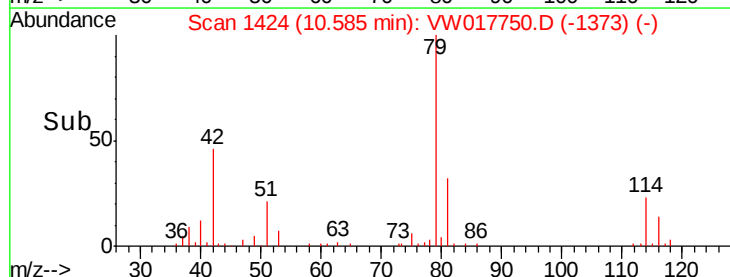
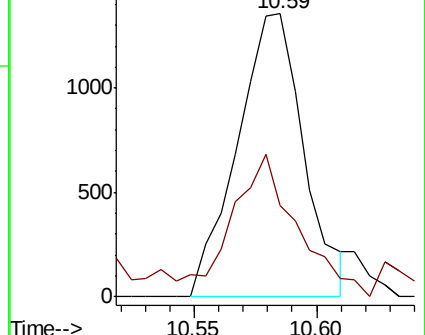
75 100

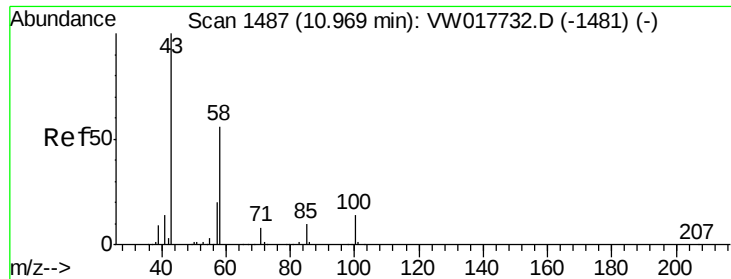
77 32.2 21.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 1.252 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017750.D

Acq: 24 Dec 2020 21:07

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 1637

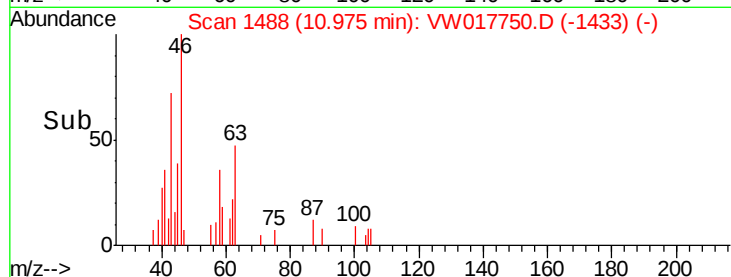
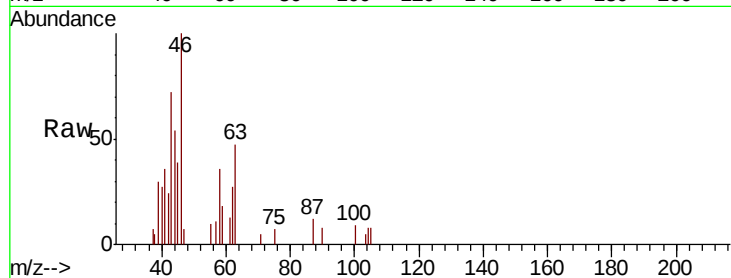
Ion Ratio Lower Upper

43 100

58 0.0 44.2 66.4#

57 2.7 16.1 24.1#

100 6.7 11.0 16.4#

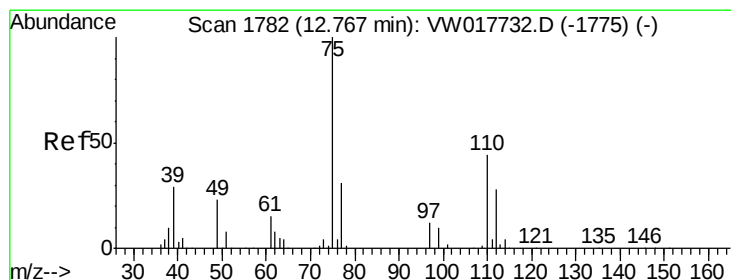
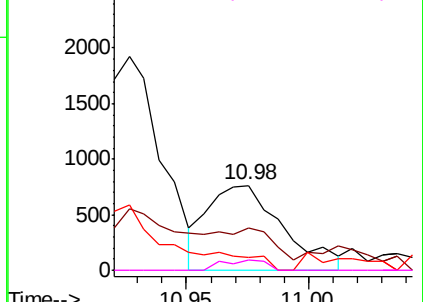


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#59

1,2,3-Trichloropropane

Concen: 8.381 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017750.D

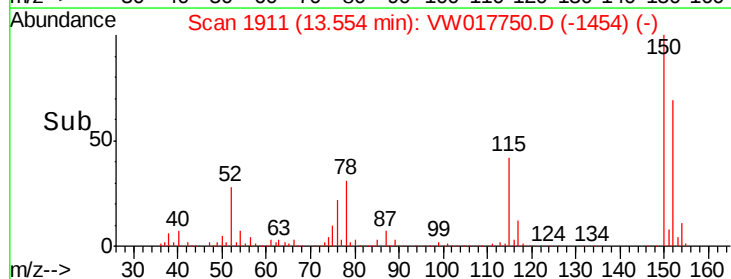
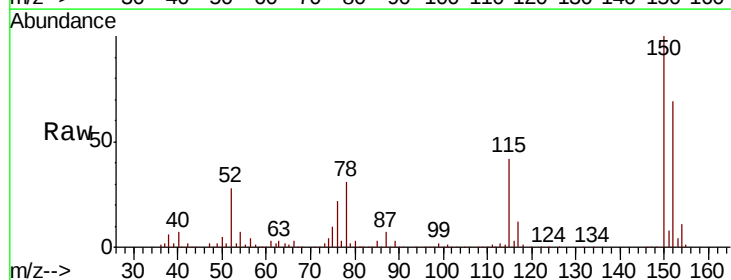
Acq: 24 Dec 2020 21:07

Tgt Ion: 75 Resp: 19390

Ion Ratio Lower Upper

75 100

77 34.2 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

