

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100220\
 Data File : VW016763.D
 Acq On : 02 Oct 2020 15:21
 Operator : SY/VA
 Sample : L4235-04
 Misc : 2.93G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 04:57:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 04:48:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	652217	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	591271	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	287093	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	105408	16.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.80%
7) Chloroethane-d5	2.91	69	103423	20.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.24%
10) 1,1-Dichloroethene-d2	4.03	63	178434	12.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.56%
20) 2-Butanone-d5	7.09	46	67615	39.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.56%
24) Chloroform-d	7.66	84	306538	22.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.88%
26) 1,2-Dichloroethane-d4	8.31	65	152852	21.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.28%
29) Benzene-d6	8.28	84	580788	21.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.60%
33) 1,2-Dichloropropane-d6	9.28	67	167430	23.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.20%
37) Toluene-d8	10.33	98	542835	20.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.24%
38) trans-1,3-Dichloropropene-	10.59	79	65541	18.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.36%
39) 2-Hexanone-d5	10.93	63	55013	42.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138247	22.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	214493	23.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.52%

Target Compounds

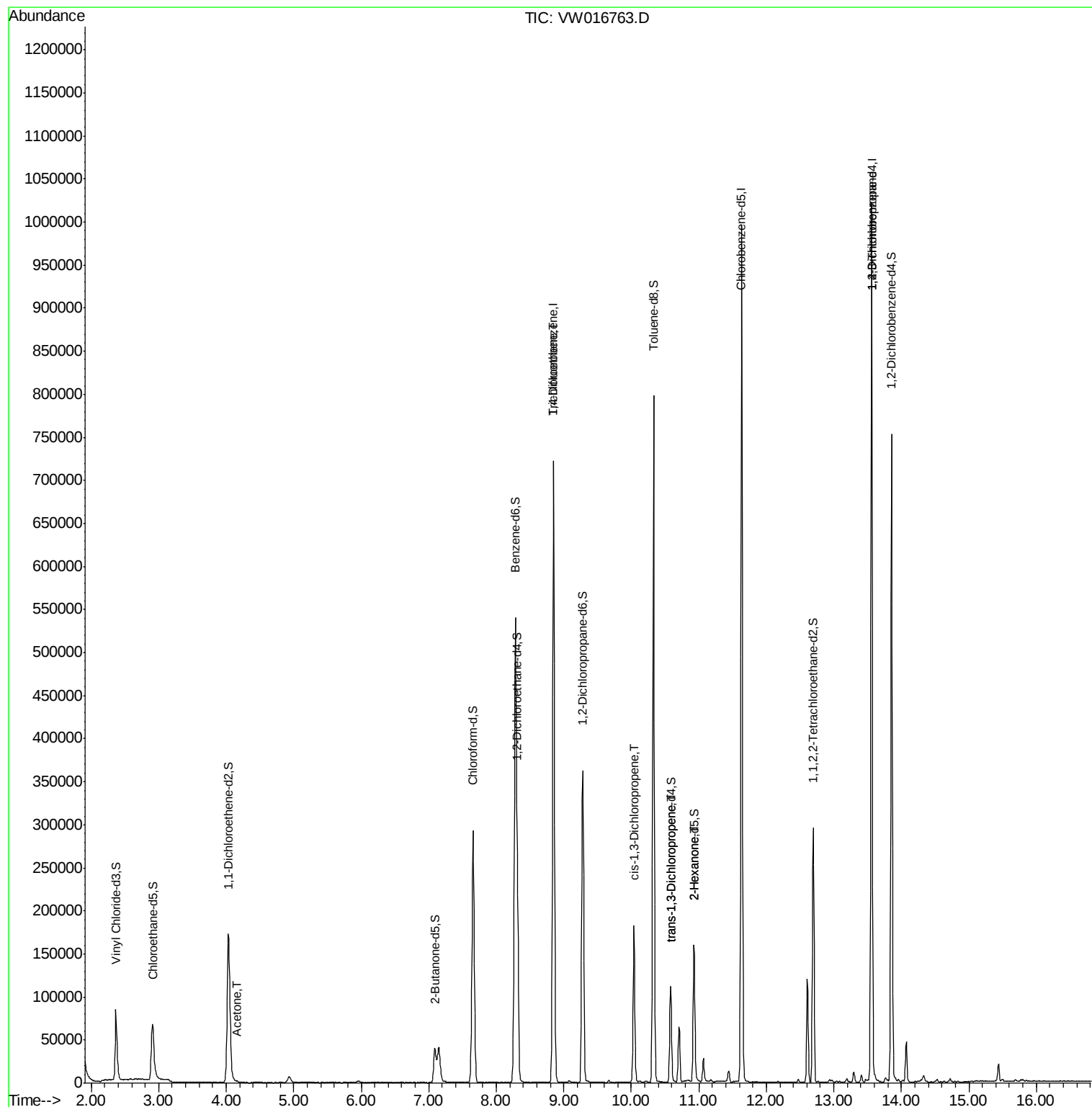
					Ovalue
13) Acetone	4.15	43	2758	2.046 ug/L	70
35) Trichloroethene	8.85	95	18928	2.064 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	4803	0.381 ug/L #	58
45) trans-1,3-Dichloropropene	10.58	75	3029	0.277 ug/L	95
49) 2-Hexanone	10.93	43	6420	2.160 ug/L #	70
59) 1,2,3-Trichloropropane	13.56	75	28386	5.488 ug/L	89

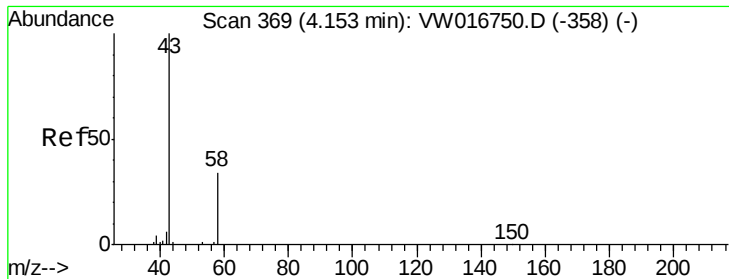
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 03 04:48:41 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.046 ug/L

RT: 4.15 min Scan# 369

Delta R.T. -0.00 min

Lab File: VW016763.D

Acq: 02 Oct 2020 15:21

Instrument :

MSVOA_W

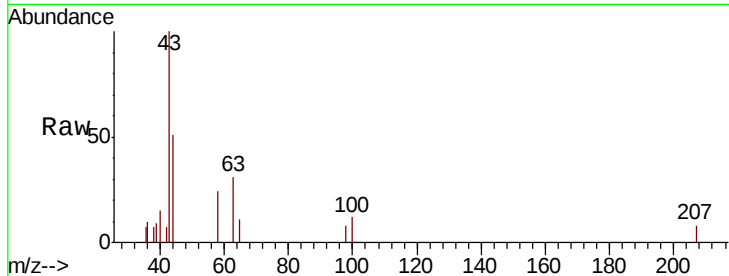
ClientSampleId :

Tot Ion: 43 Resp: 2758

Ion Ratio Lower Upper

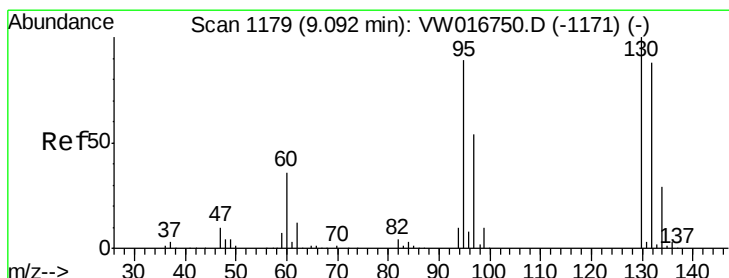
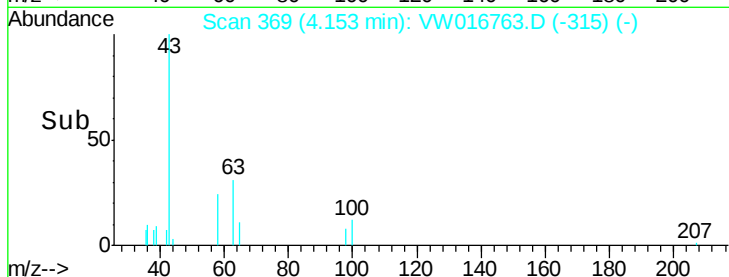
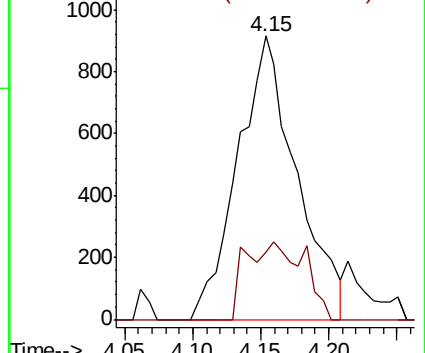
43 100

58 13.9 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 2.064 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW016763.D

Acq: 02 Oct 2020 15:21

Tgt Ion: 95 Resp: 18928

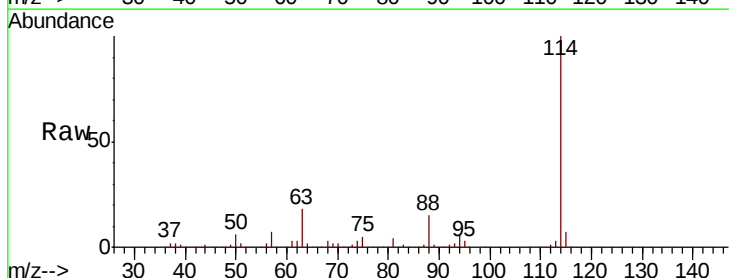
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 73.3 136.1#

130 0.0 77.5 143.9#

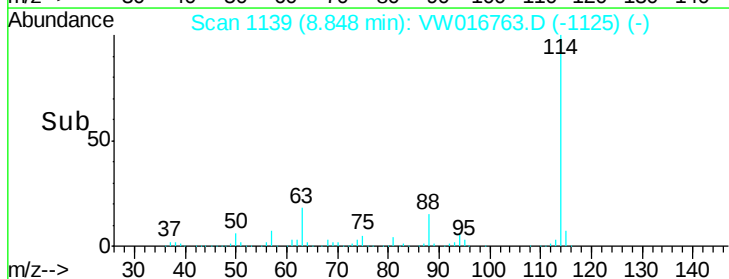
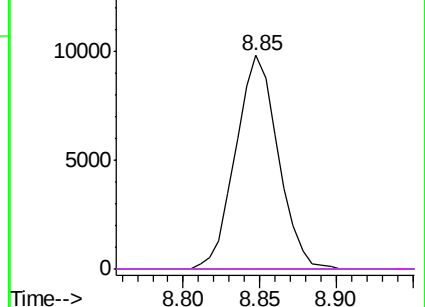


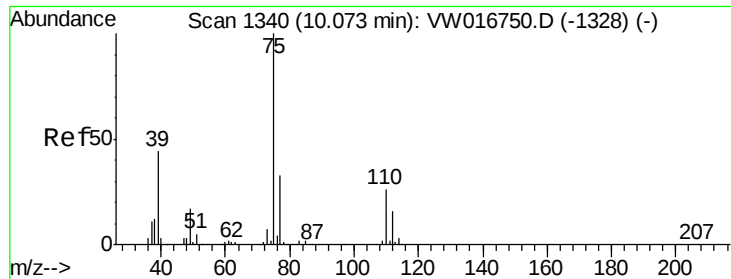
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.381 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016763.D

Acq: 02 Oct 2020 15:21

Instrument :

MSVOA_W

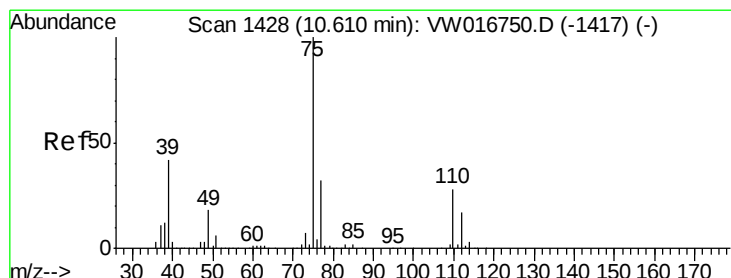
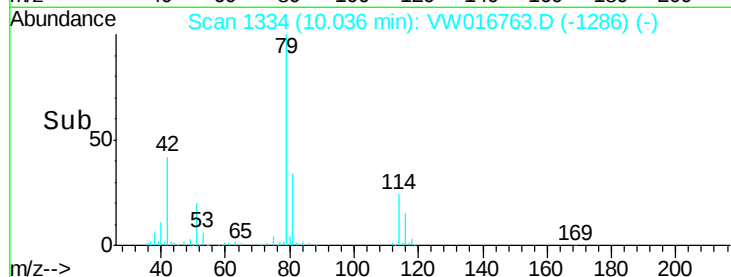
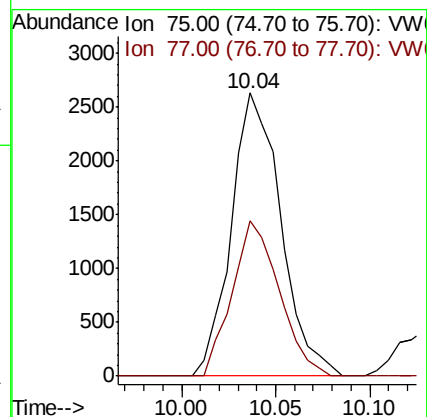
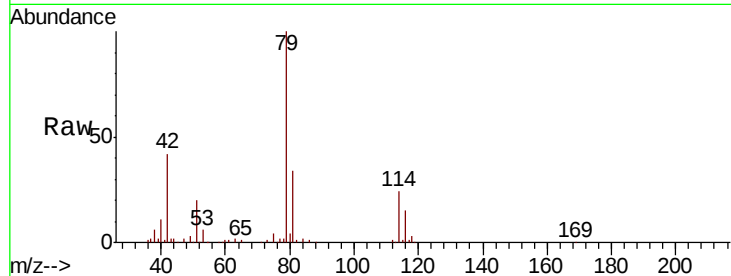
ClientSampled :

Tot Ion: 75 Resp: 4803

Ion Ratio Lower Upper

75 100

77 55.0 22.2 41.2#



#45

trans-1,3-Dichloropropene

Concen: 0.277 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016763.D

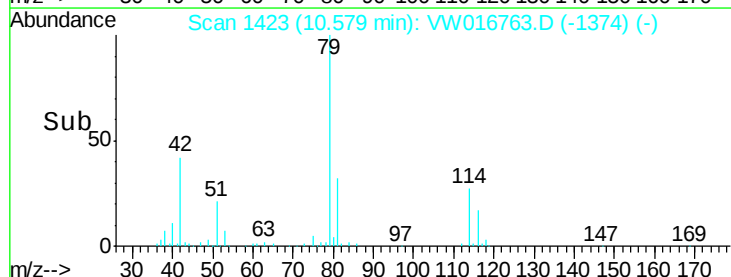
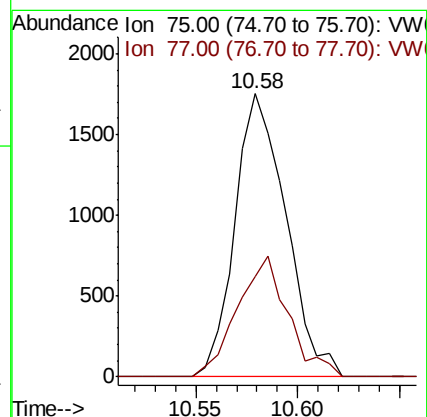
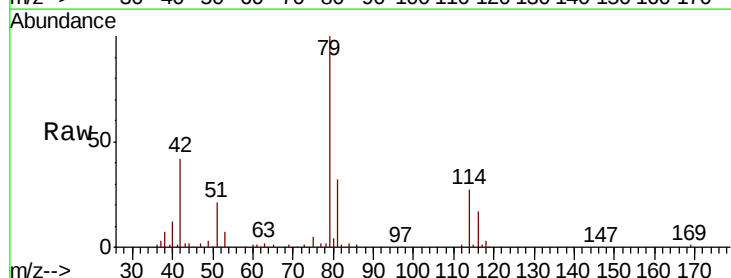
Acq: 02 Oct 2020 15:21

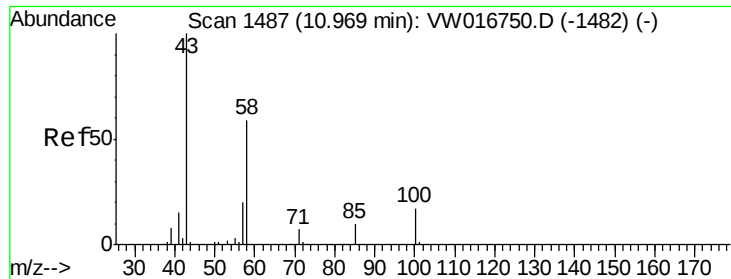
Tgt Ion: 75 Resp: 3029

Ion Ratio Lower Upper

75 100

77 35.3 22.5 41.9





#49

2-Hexanone

Concen: 2.160 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016763.D

Acq: 02 Oct 2020 15:21

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 6420

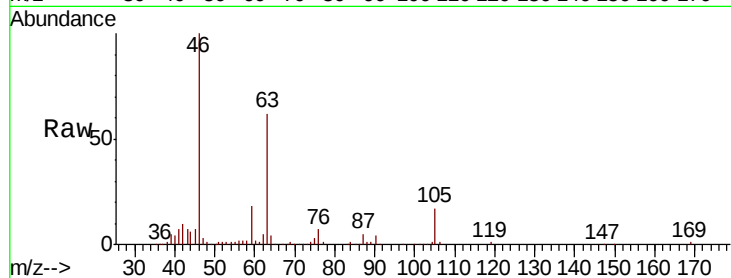
Ion Ratio Lower Upper

43 100

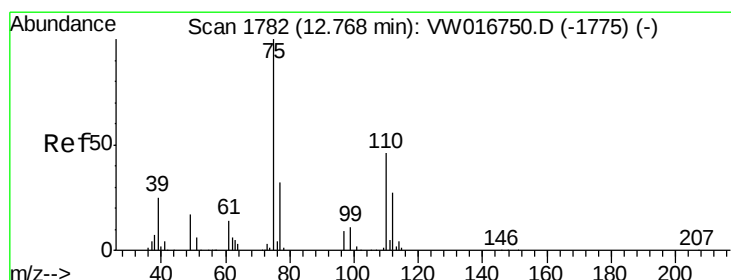
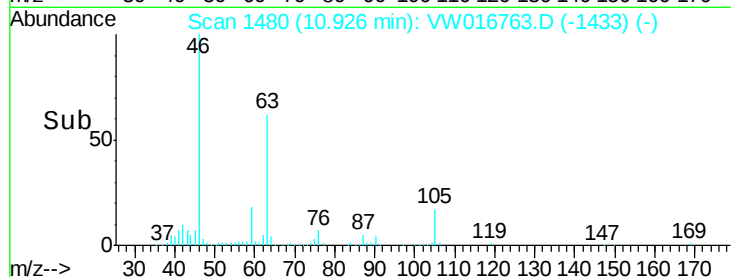
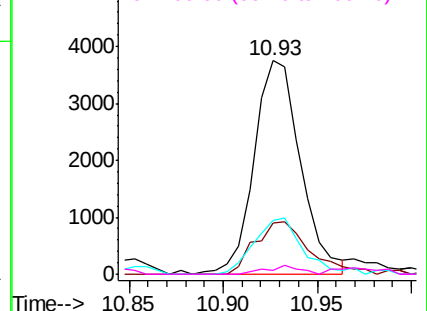
58 28.8 44.2 66.2#

57 26.8 16.3 24.5#

100 3.0 12.4 18.6#



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: 5.488 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016763.D

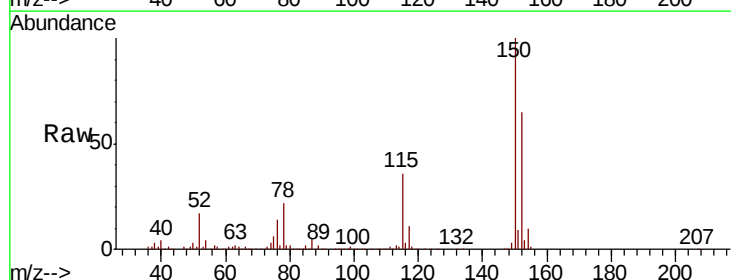
Acq: 02 Oct 2020 15:21

Tgt Ion: 75 Resp: 28386

Ion Ratio Lower Upper

75 100

77 38.8 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW

