

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122420\
 Data File : VW017751.D
 Acq On : 24 Dec 2020 21:30
 Operator : SY/VA
 Sample : VIBLK27
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 07:50:38 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	326490	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	294502	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	145953	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118384	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.72%
7) Chloroethane-d5	2.89	69	103853	24.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.64%
10) 1,1-Dichloroethene-d2	4.03	63	157332	17.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.52%
20) 2-Butanone-d5	7.07	46	52251	63.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.64%
24) Chloroform-d	7.65	84	213531	25.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.12%
26) 1,2-Dichloroethane-d4	8.31	65	124396	28.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.68%
29) Benzene-d6	8.27	84	428346	25.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.28%
33) 1,2-Dichloropropane-d6	9.27	67	123133	26.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.72%
37) Toluene-d8	10.32	98	398634	25.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.08%
38) trans-1,3-Dichloropropene-	10.58	79	51782	25.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.60%
39) 2-Hexanone-d5	10.93	63	35940	62.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98367	28.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	134209	26.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.64%

Target Compounds

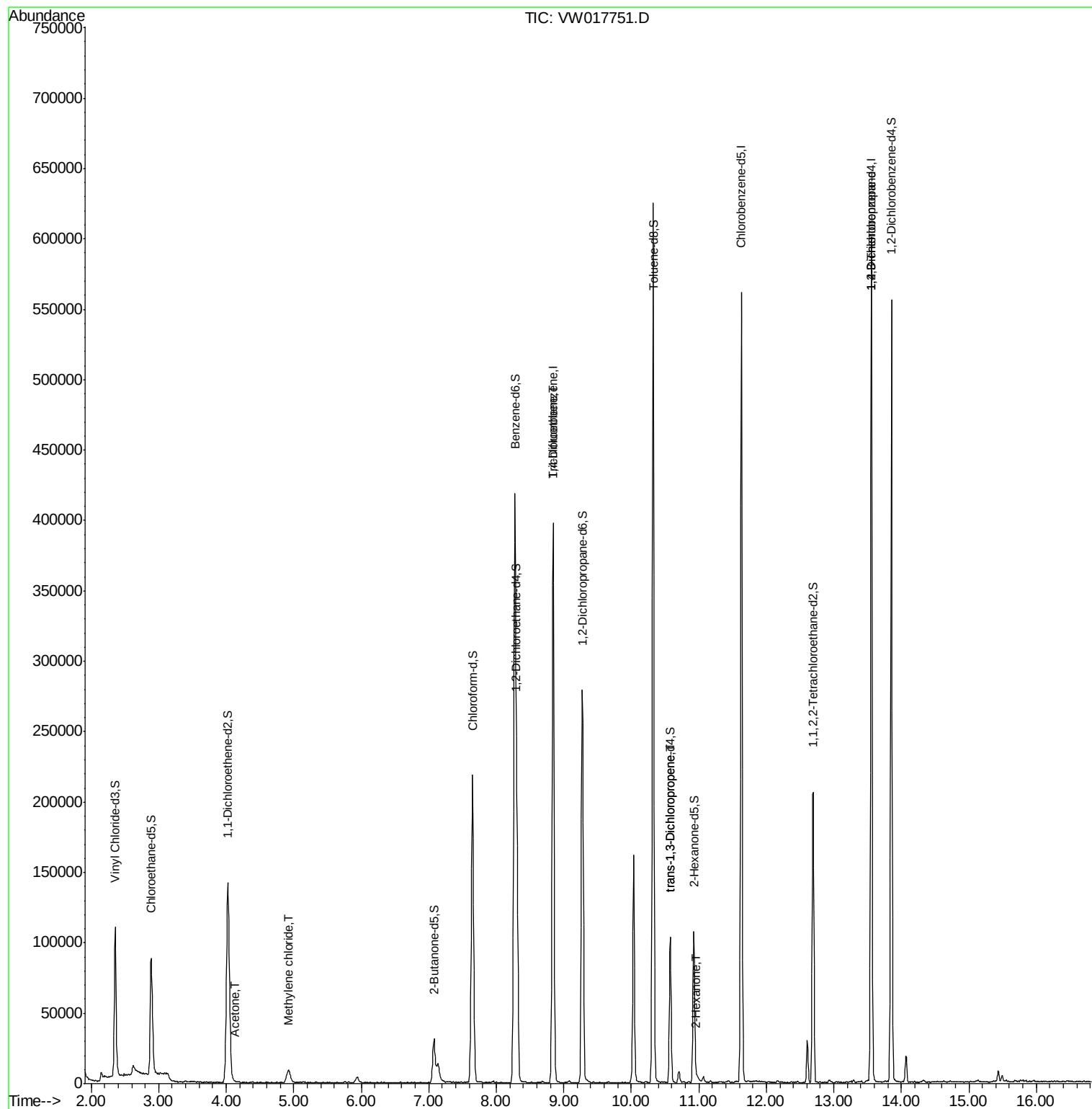
					Ovalue
13) Acetone	4.14	43	407	0.576 ug/L	93
16) Methylene chloride	4.92	84	8156	1.747 ug/L	81
35) Trichloroethene	8.84	95	10224	2.194 ug/L #	4
45) trans-1,3-Dichloropropene	10.58	75	3098	0.574 ug/L	94
49) 2-Hexanone	10.97	43	1080	0.788 ug/L #	65
59) 1,2,3-Trichloropropane	13.55	75	20961	8.646 ug/L	95

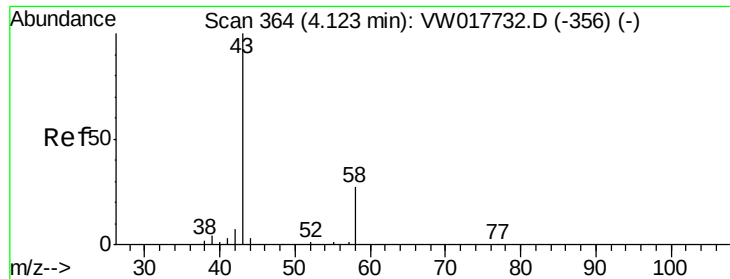
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 0.576 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017751.D

Acq: 24 Dec 2020 21:30

Instrument :

MSVOA_W

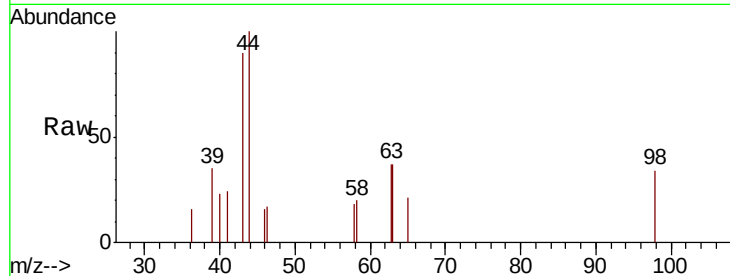
ClientSampled :

Tot Ion: 43 Resp: 407

Ion Ratio Lower Upper

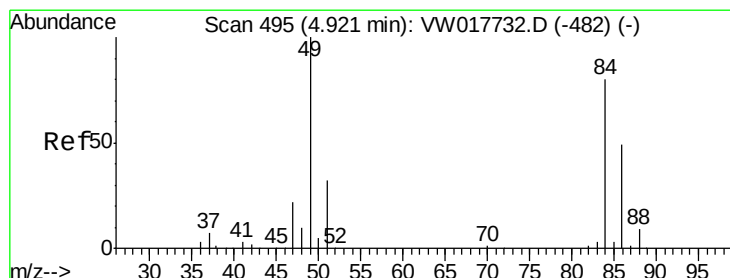
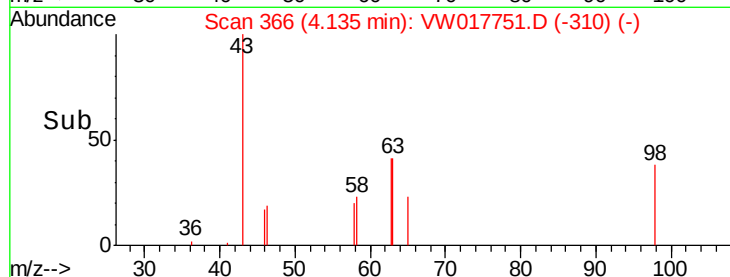
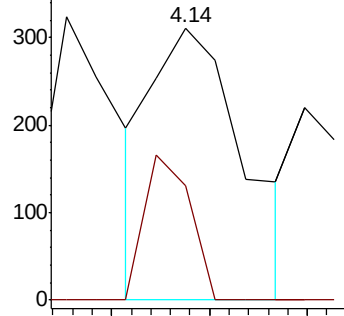
43 100

58 26.8 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: 1.747 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017751.D

Acq: 24 Dec 2020 21:30

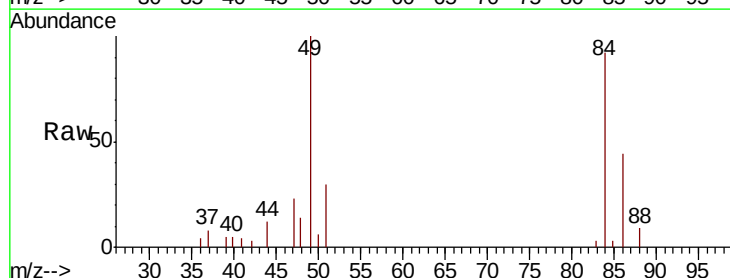
Tgt Ion: 84 Resp: 8156

Ion Ratio Lower Upper

84 100

49 108.1 90.5 168.1

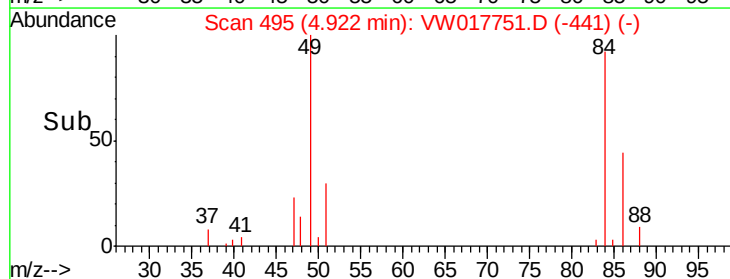
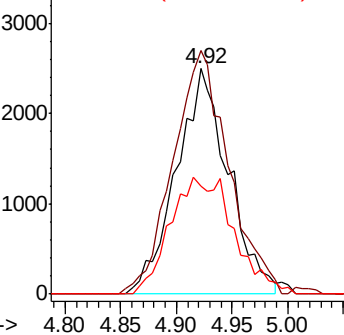
86 47.7 44.8 83.2

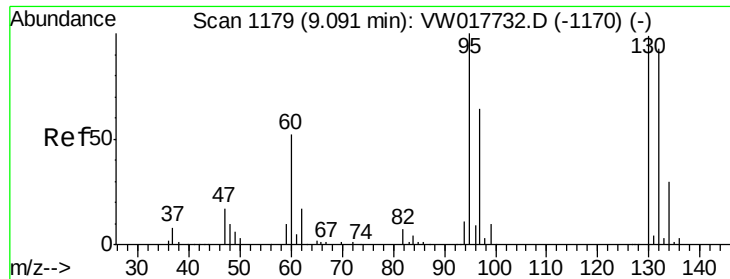


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 2.194 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.26 min

Lab File: VW017751.D

Acq: 24 Dec 2020 21:30

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 10224

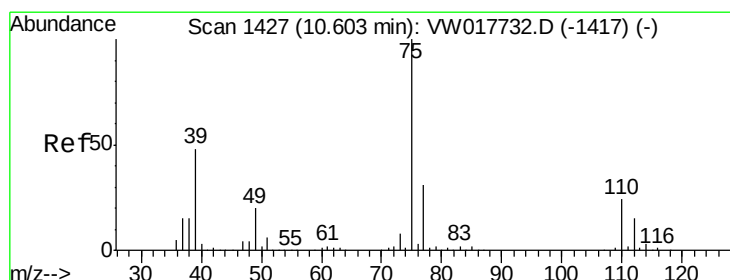
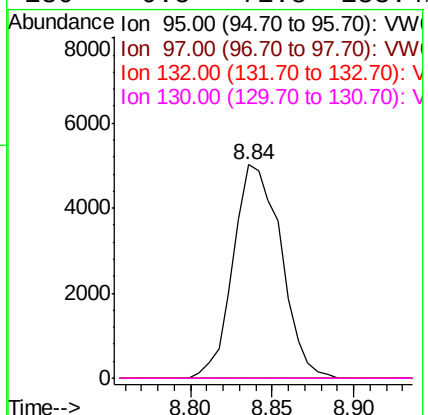
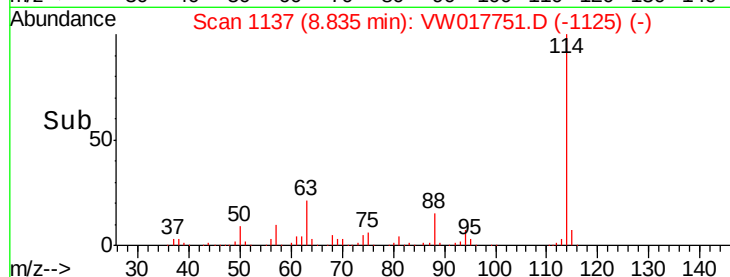
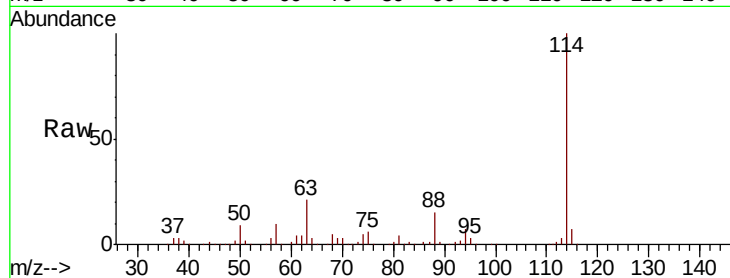
Ion Ratio Lower Upper

95 100

97 0.0 46.8 87.0#

132 0.5 68.3 126.9#

130 0.5 71.8 133.4#



#45

trans-1,3-Dichloropropene

Concen: 0.574 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017751.D

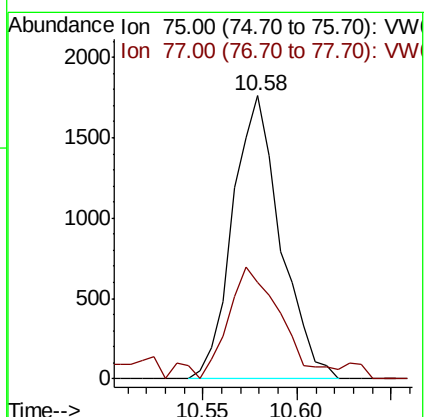
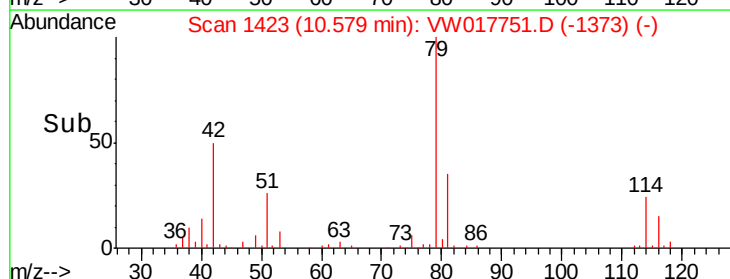
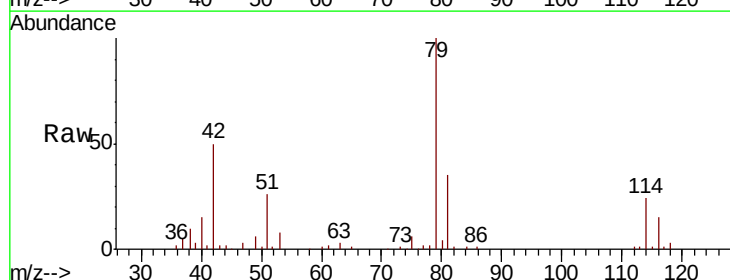
Acq: 24 Dec 2020 21:30

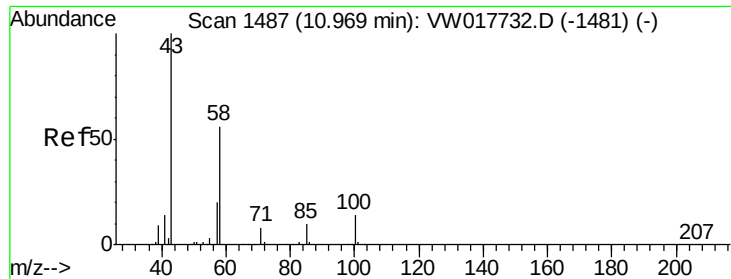
Tgt Ion: 75 Resp: 3098

Ion Ratio Lower Upper

75 100

77 34.2 21.6 40.0





#49

2-Hexanone

Concen: 0.788 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW017751.D

Acq: 24 Dec 2020 21:30

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 1080

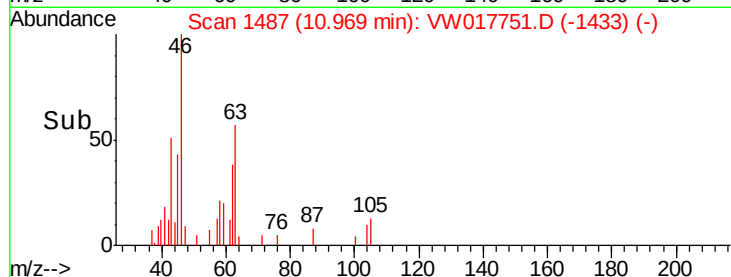
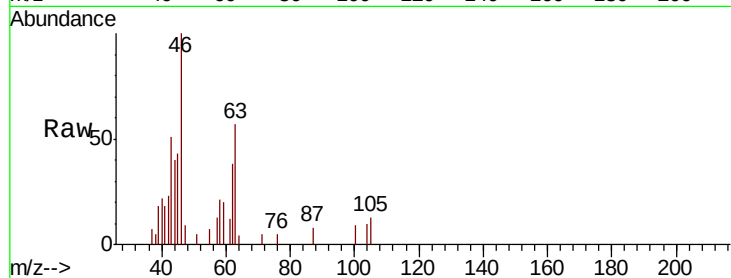
Ion Ratio Lower Upper

43 100

58 25.2 44.2 66.4#

57 4.5 16.1 24.1#

100 17.0 11.0 16.4#

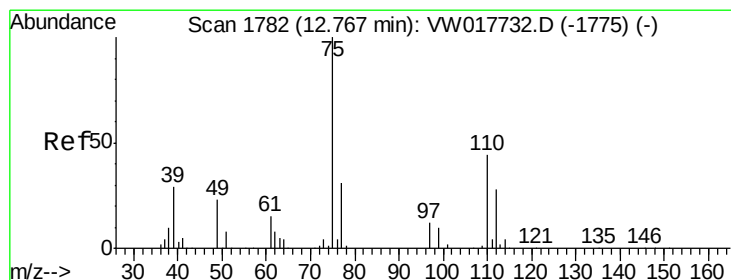
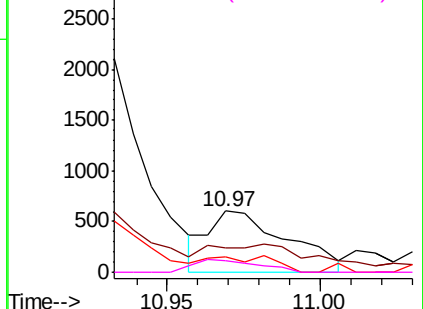


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 8.646 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017751.D

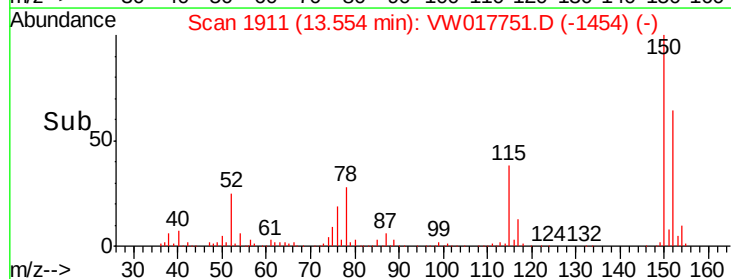
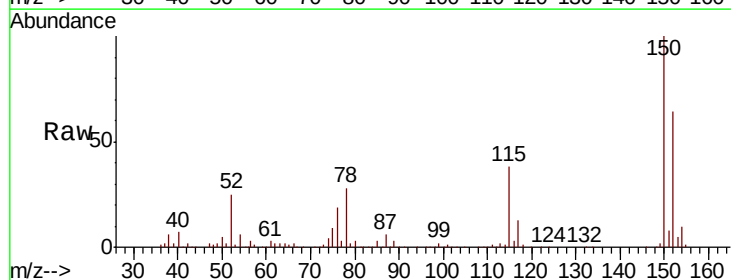
Acq: 24 Dec 2020 21:30

Tgt Ion: 75 Resp: 20961

Ion Ratio Lower Upper

75 100

77 34.8 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

