

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120720\
 Data File : VW017580.D
 Acq On : 07 Dec 2020 15:43
 Operator : SY/VA
 Sample : VIBLK20
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK20

Quant Time: Dec 08 06:48:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 08 06:44:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	352501	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	324865	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161012	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	104831	22.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.08%
7) Chloroethane-d5	2.89	69	88843	22.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.40%
10) 1,1-Dichloroethene-d2	4.03	63	178904	17.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.28%
20) 2-Butanone-d5	7.07	46	58580	57.61	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.22%
24) Chloroform-d	7.65	84	246305	24.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	8.31	65	132207	26.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.00%
29) Benzene-d6	8.27	84	471442	23.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.72%
33) 1,2-Dichloropropane-d6	9.27	67	135830	23.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.56%
37) Toluene-d8	10.32	98	422653	22.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.72%
38) trans-1,3-Dichloropropene-	10.58	79	60318	23.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.60%
39) 2-Hexanone-d5	10.93	63	37550	52.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109592	26.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	155391	25.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.28%

Target Compounds

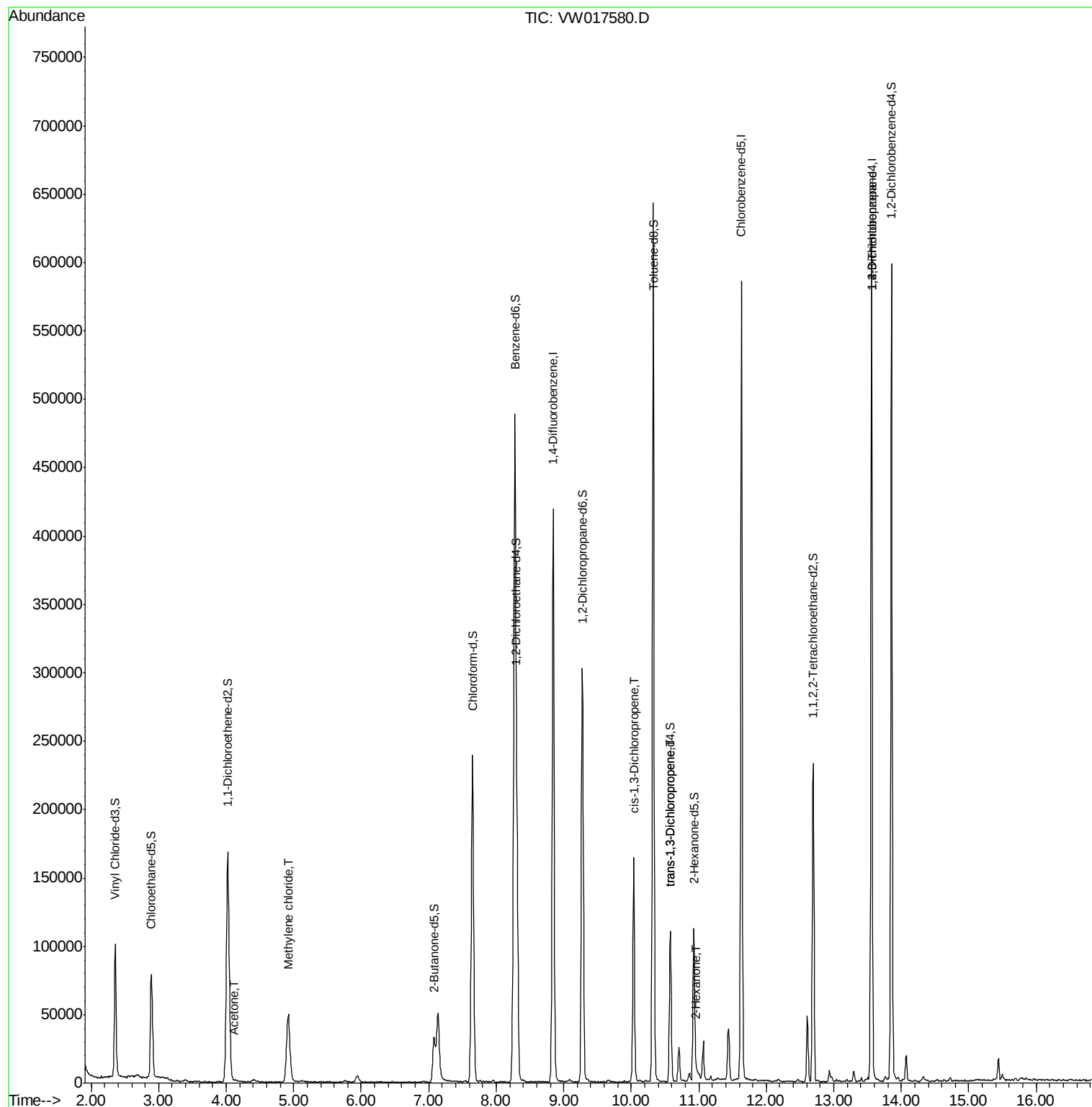
					Ovalue
13) Acetone	4.12	43	497	0.502 ug/L	65
16) Methylene chloride	4.92	84	41572	7.821 ug/L	92
42) cis-1,3-Dichloropropene	10.04	75	4472	0.621 ug/L #	74
45) trans-1,3-Dichloropropene	10.58	75	3115	0.502 ug/L	84
49) 2-Hexanone	10.96	43	744	0.471 ug/L #	62
59) 1,2,3-Trichloropropane	13.55	75	18768	6.715 ug/L	100

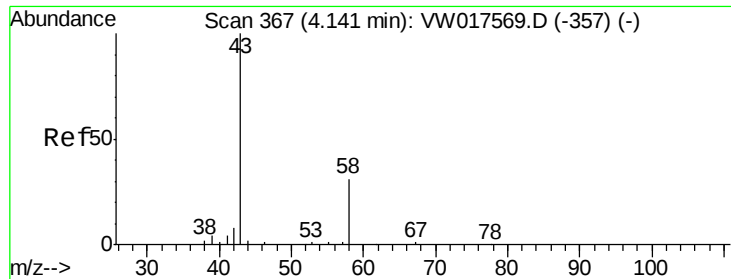
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 08 06:44:18 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.502 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW017580.D

Acq: 07 Dec 2020 15:43

Instrument :

MSVOA_W

ClientSampled :

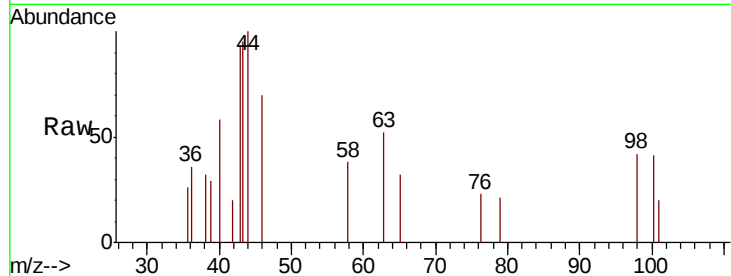
VIBLK20

Tot Ion: 43 Resp: 497

Ion Ratio Lower Upper

43 100

58 54.1 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

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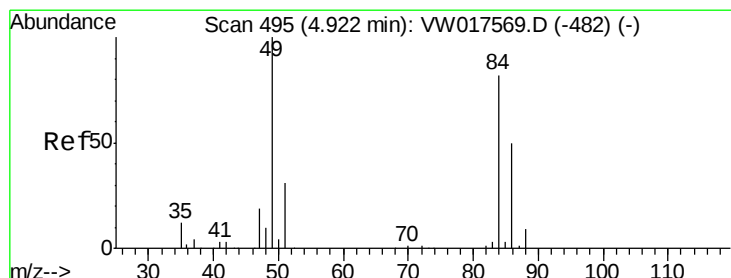
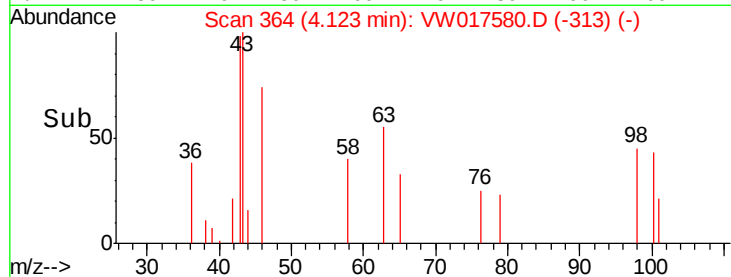
4.12

4.12

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#16

Methylene chloride

Concen: 7.821 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017580.D

Acq: 07 Dec 2020 15:43

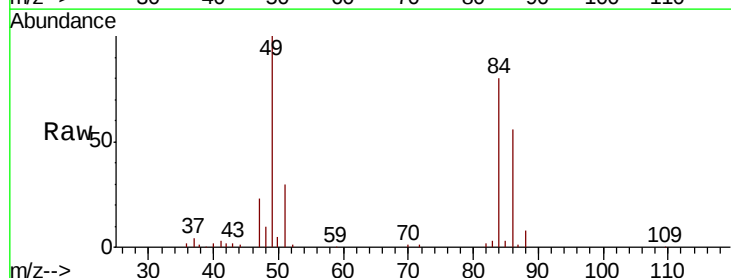
Tgt Ion: 84 Resp: 41572

Ion Ratio Lower Upper

84 100

49 124.6 81.2 150.8

86 69.3 44.5 82.7



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

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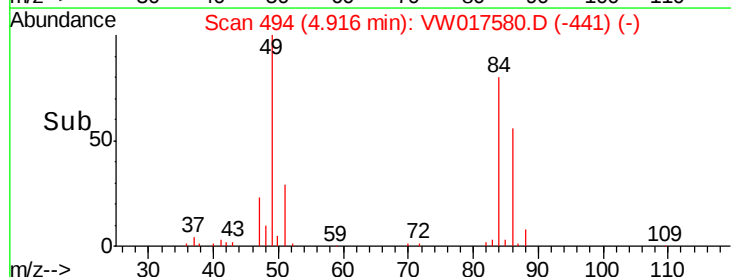
4.92

4.92

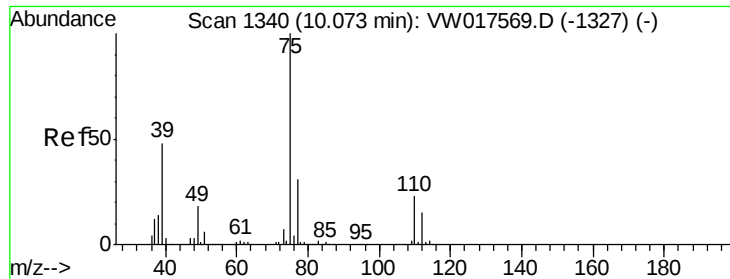
4.92

4.92

4.92



Time-->



#42

cis-1,3-Dichloropropene

Concen: 0.621 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017580.D

Acq: 07 Dec 2020 15:43

Instrument :

MSVOA_W

ClientSampleId :

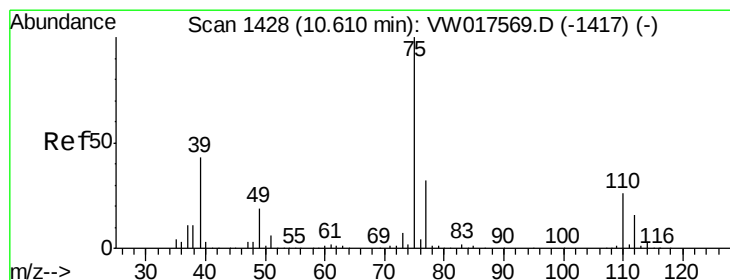
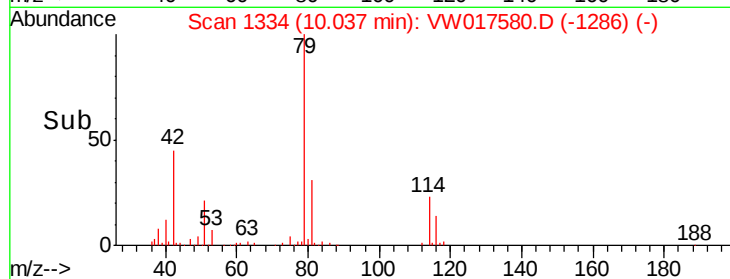
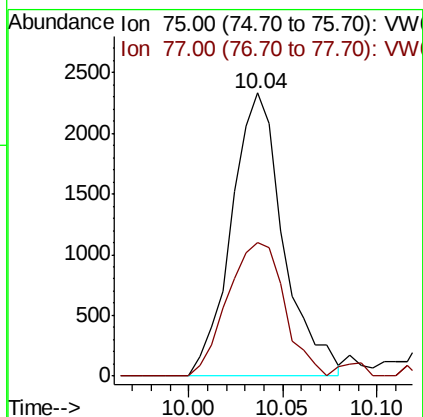
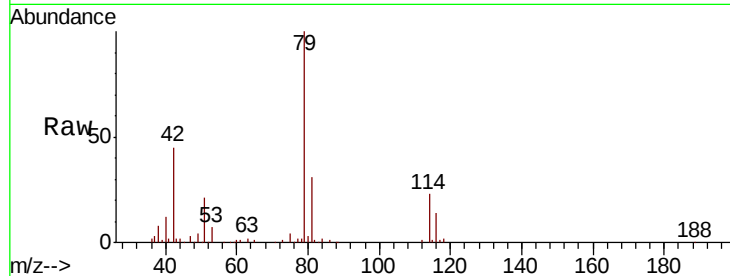
VIBLK20

Tot Ion: 75 Resp: 4472

Ion Ratio Lower Upper

75 100

77 47.4 22.7 42.3#



#45

trans-1,3-Dichloropropene

Concen: 0.502 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017580.D

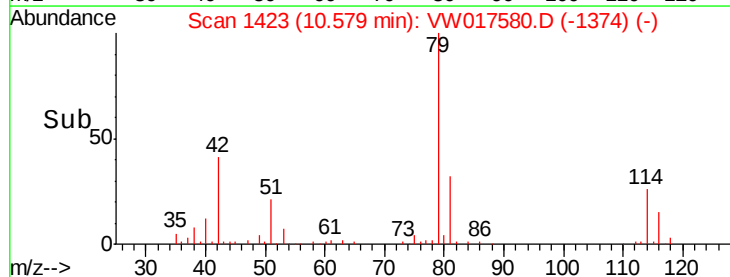
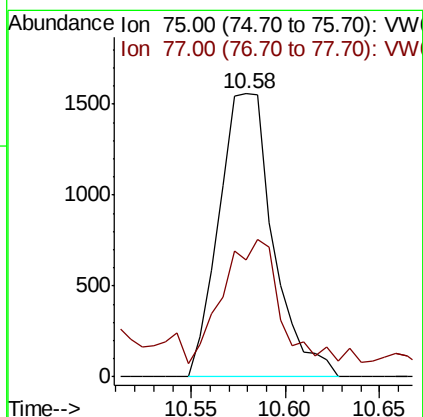
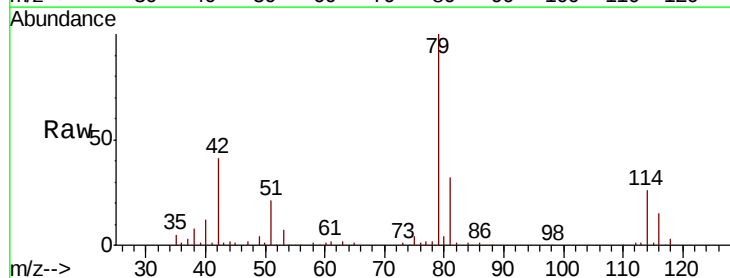
Acq: 07 Dec 2020 15:43

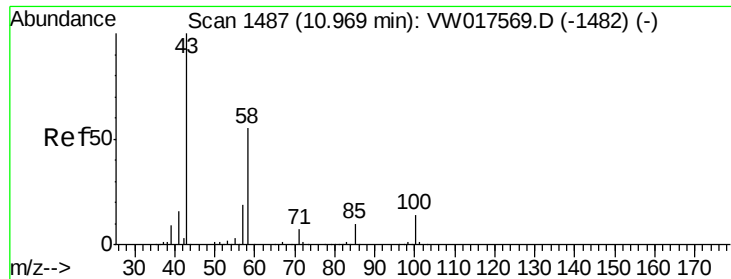
Tgt Ion: 75 Resp: 3115

Ion Ratio Lower Upper

75 100

77 41.2 22.6 42.0





#49

2-Hexanone

Concen: 0.471 ug/L

RT: 10.96 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VW017580.D

Acq: 07 Dec 2020 15:43

Instrument :

MSVOA_W

ClientSampleId :

VIBLK20

Tot Ion: 43 Resp: 744

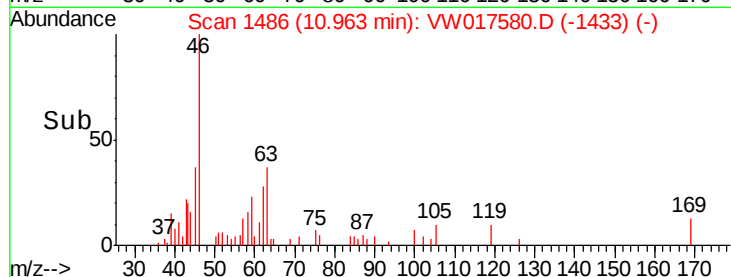
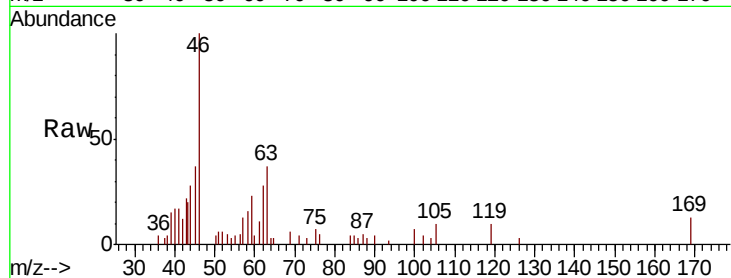
Ion Ratio Lower Upper

43 100

58 28.4 51.3 76.9#

57 35.8 15.0 22.6#

100 14.0 12.2 18.2

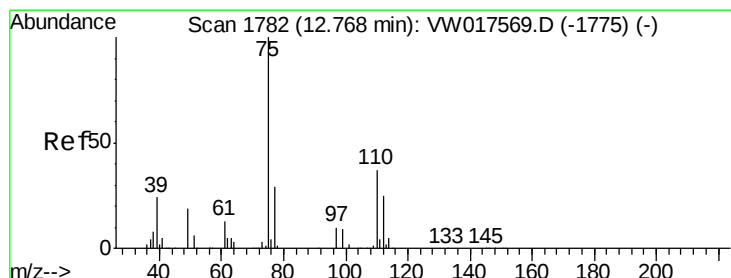
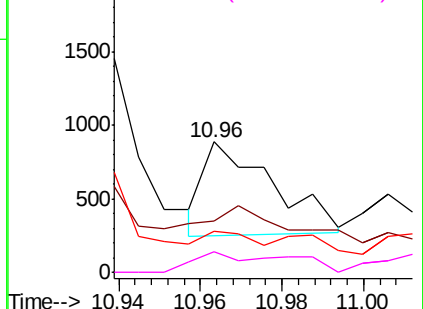


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 6.715 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017580.D

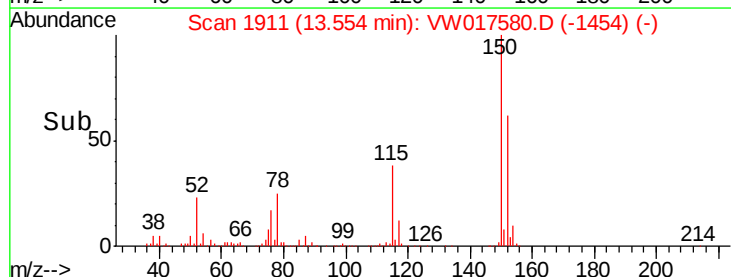
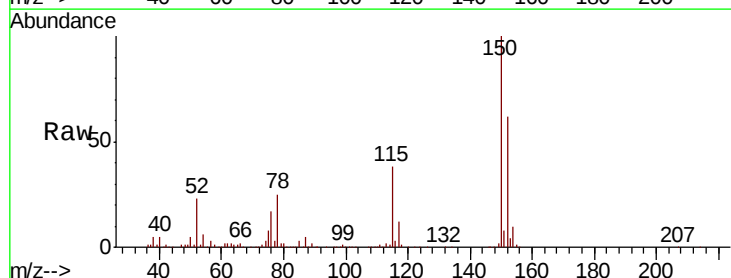
Acq: 07 Dec 2020 15:43

Tgt Ion: 75 Resp: 18768

Ion Ratio Lower Upper

75 100

77 33.4 26.6 39.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

