

Data File : VW017383.D
Acq On : 19 Nov 2020 20:49
Operator : SY/VA
Sample : L4751-20
Misc : 5.16G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AX5

Quant Time: Nov 20 04:38:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 04:37:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	424942	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	349238	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	130909	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	133696	21.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.00%
7) Chloroethane-d5	2.89	69	110061	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.08%
10) 1,1-Dichloroethene-d2	4.02	63	172611	15.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.72%
20) 2-Butanone-d5	7.07	46	34221	33.12	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.24%
24) Chloroform-d	7.65	84	241773	21.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.64%
26) 1,2-Dichloroethane-d4	8.30	65	114833	21.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.16%
29) Benzene-d6	8.27	84	457328	23.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.92%
33) 1,2-Dichloropropane-d6	9.27	67	127476	24.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.20%
37) Toluene-d8	10.33	98	414235	22.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.40%
38) trans-1,3-Dichloropropene-	10.58	79	37023	16.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.84%
39) 2-Hexanone-d5	10.93	63	22507	32.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	83795	21.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	109308	22.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.48%

Target Compounds

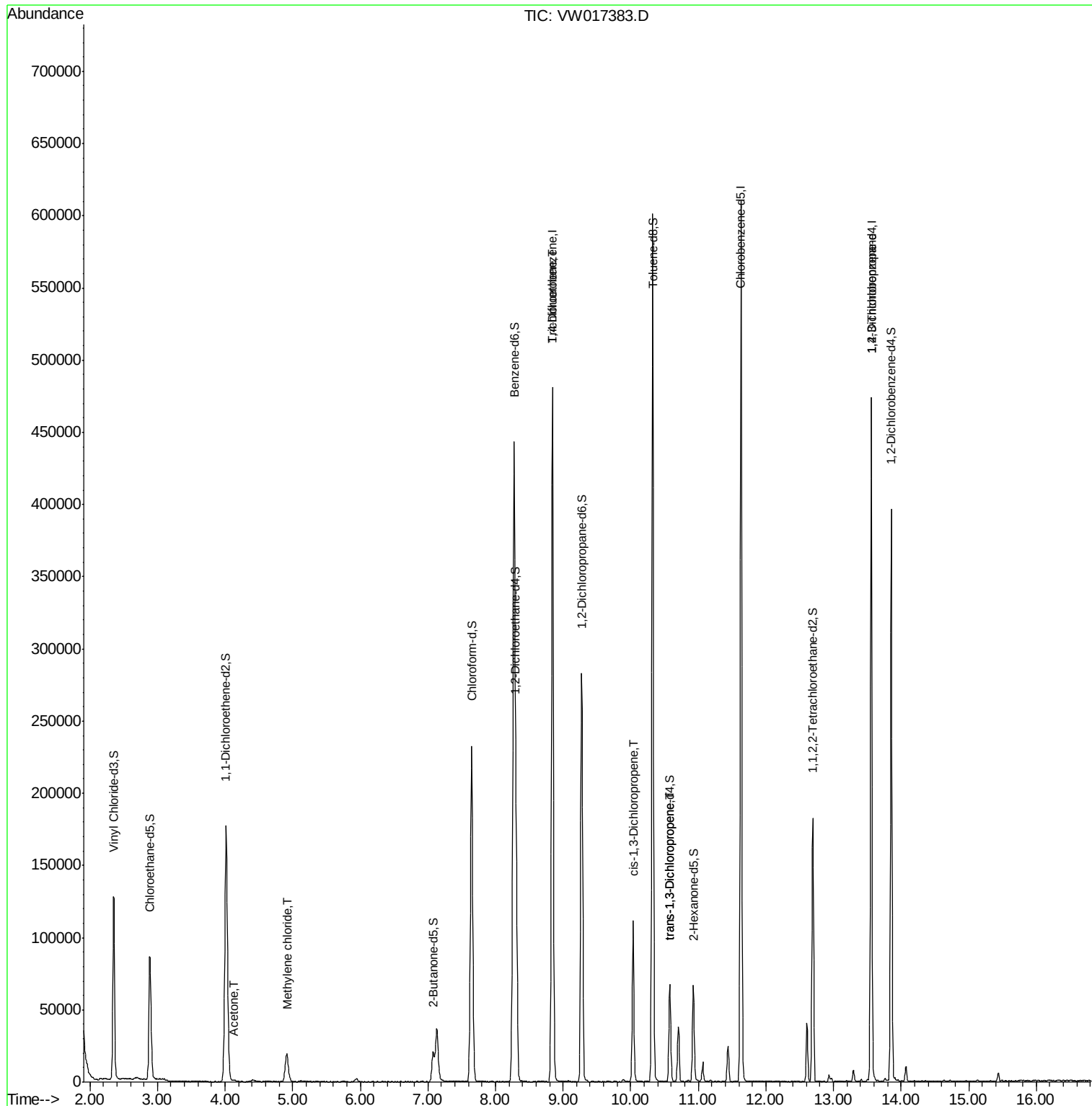
					Qvalue
13) Acetone	4.13	43	1006	1.335 ug/L	84
16) Methylene chloride	4.92	84	17354	2.388 ug/L	97
35) Trichloroethene	8.85	95	12527	2.245 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	2898	0.418 ug/L #	51
45) trans-1,3-Dichloropropene	10.58	75	1982	0.338 ug/L	92
59) 1,2,3-Trichloropropane	13.56	75	13527	4.919 ug/L	99

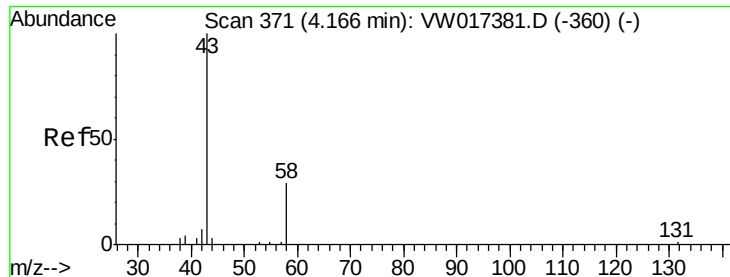
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.335 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.04 min

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Acq: 19 Nov 2020 20:49

Instrument :

MSVOA_W

ClientSampled :

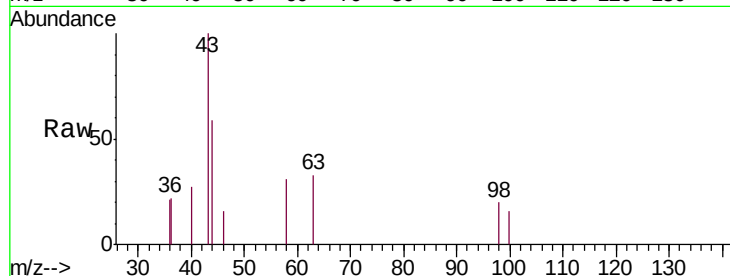
C0AX5

Tgt Ion: 43 Resp: 1006

Ion Ratio Lower Upper

43 100

58 24.6 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

400

300

200

100

0

4.08

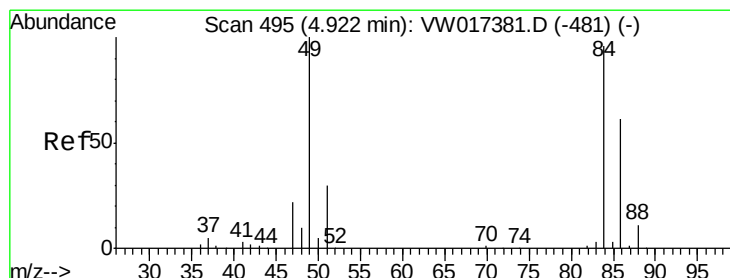
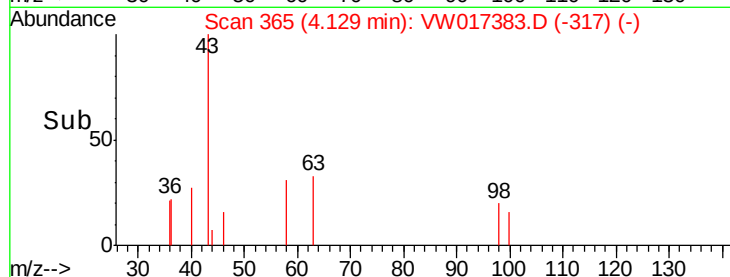
4.10

4.12

4.14

4.16

Time-->



#16

Methylene chloride

Concen: 2.388 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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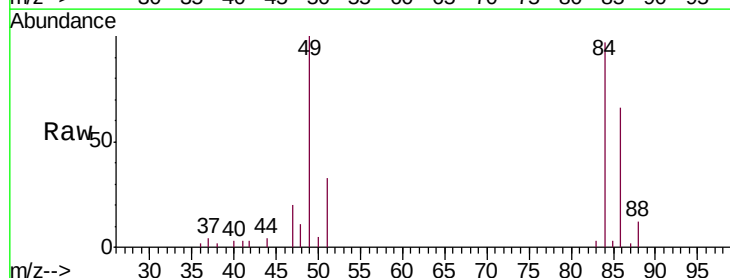
Tgt Ion: 84 Resp: 17354

Ion Ratio Lower Upper

84 100

49 102.6 71.5 132.9

86 67.4 42.8 79.4



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

6000

4000

2000

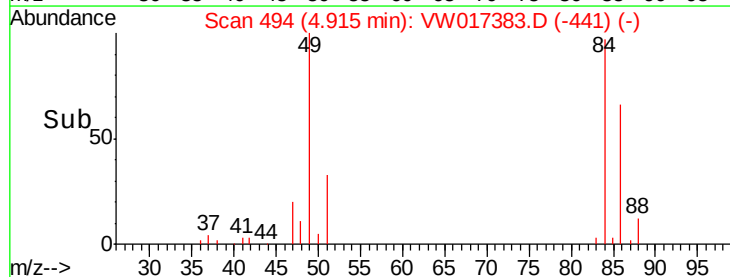
0

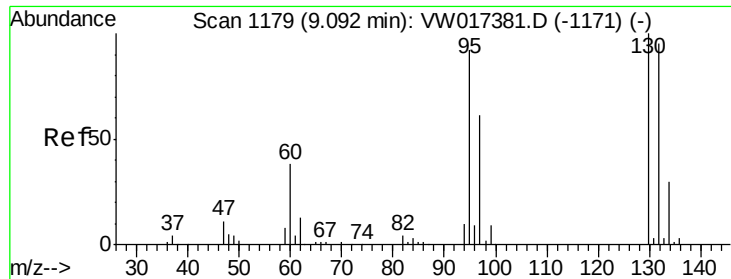
4.80

4.90

5.00

Time-->





#35

Trichloroethene

Concen: 2.245 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

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Acq: 19 Nov 2020 20:49

Instrument :

MSVOA_W

ClientSampleId :

C0AX5

Tgt Ion: 95 Resp: 12527

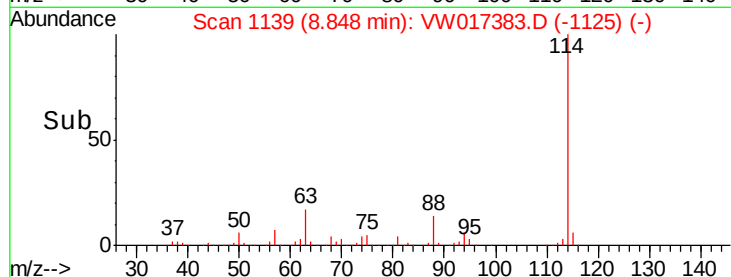
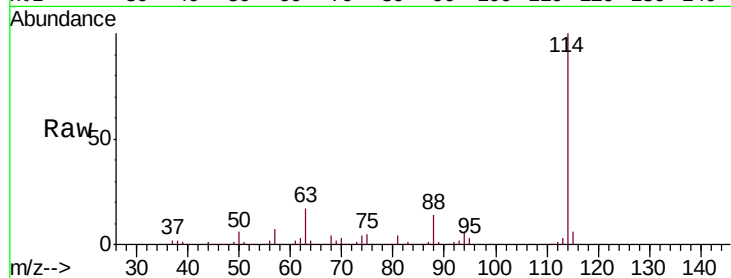
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#

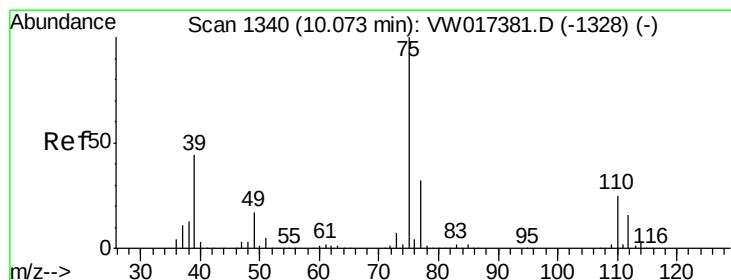
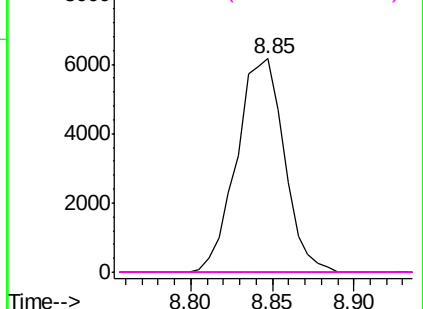


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.418 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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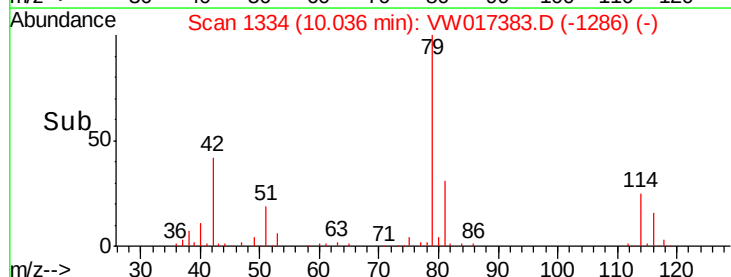
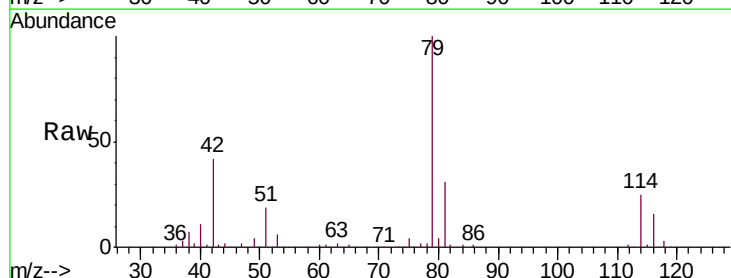
Acq: 19 Nov 2020 20:49

Tgt Ion: 75 Resp: 2898

Ion Ratio Lower Upper

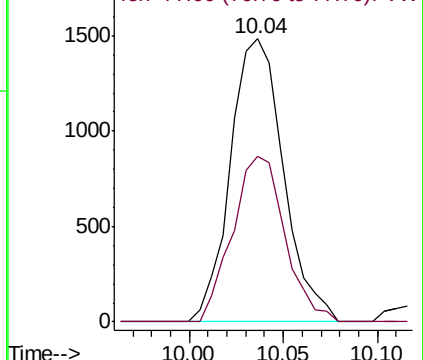
75 100

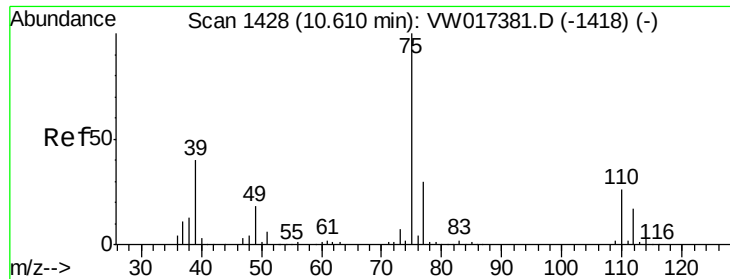
77 58.3 21.8 40.4#



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: 0.338 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

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Instrument :

MSVOA_W

ClientSampled :

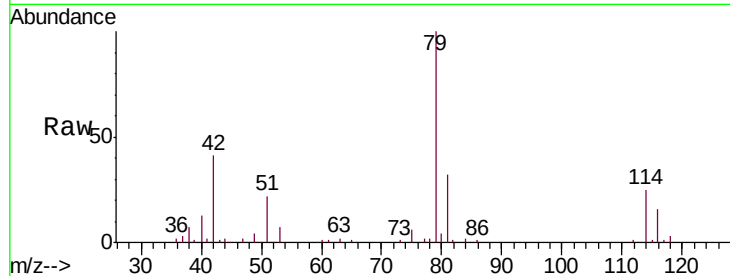
C0AX5

Tgt Ion: 75 Resp: 1982

Ion Ratio Lower Upper

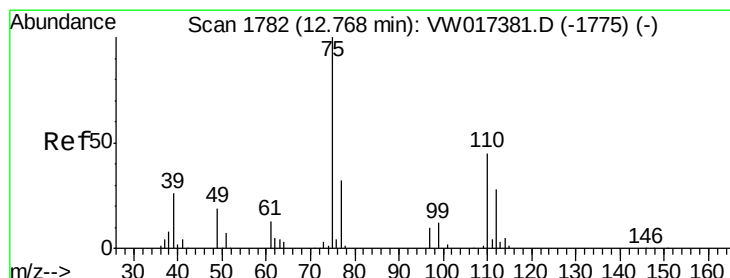
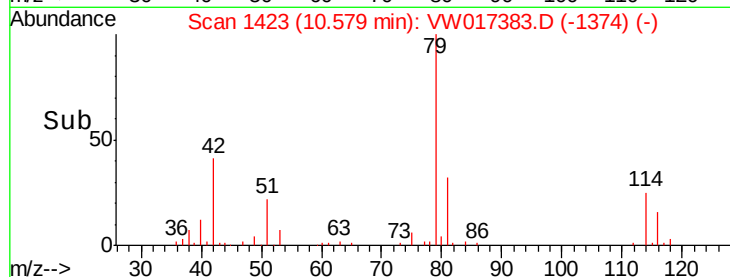
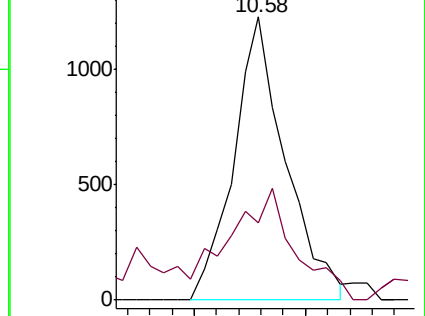
75 100

77 27.1 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#59

1,2,3-Trichloropropane

Concen: 4.919 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017383.D

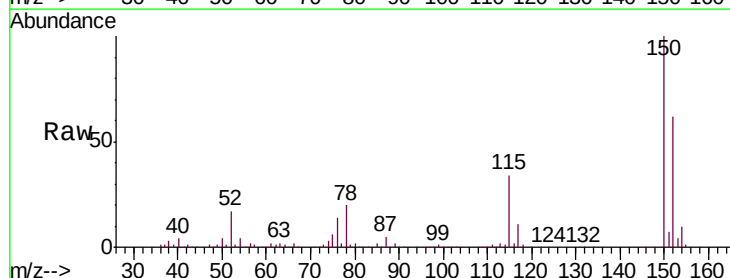
Acq: 19 Nov 2020 20:49

Tgt Ion: 75 Resp: 13527

Ion Ratio Lower Upper

75 100

77 33.7 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

