

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120320\
 Data File : VW017530.D
 Acq On : 03 Dec 2020 11:41
 Operator : SY/VA
 Sample : L4920-04
 Misc : 4.70G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4F4

Quant Time: Dec 04 06:19:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 04 06:16:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	489868	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	437179	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	217273	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	105265	16.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.36%
7) Chloroethane-d5	2.90	69	94431	17.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.40%
10) 1,1-Dichloroethene-d2	4.03	63	192065	13.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.76%
20) 2-Butanone-d5	7.09	46	53909	38.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.30%
24) Chloroform-d	7.65	84	271875	19.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.28%
26) 1,2-Dichloroethane-d4	8.31	65	138360	19.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.32%
29) Benzene-d6	8.28	84	520308	19.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.04%
33) 1,2-Dichloropropane-d6	9.27	67	150819	19.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.84%
37) Toluene-d8	10.32	98	478633	19.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.16%
38) trans-1,3-Dichloropropene-	10.58	79	62553	18.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.68%
39) 2-Hexanone-d5	10.93	63	34899	36.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108242	19.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	169734	20.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.80%

Target Compounds

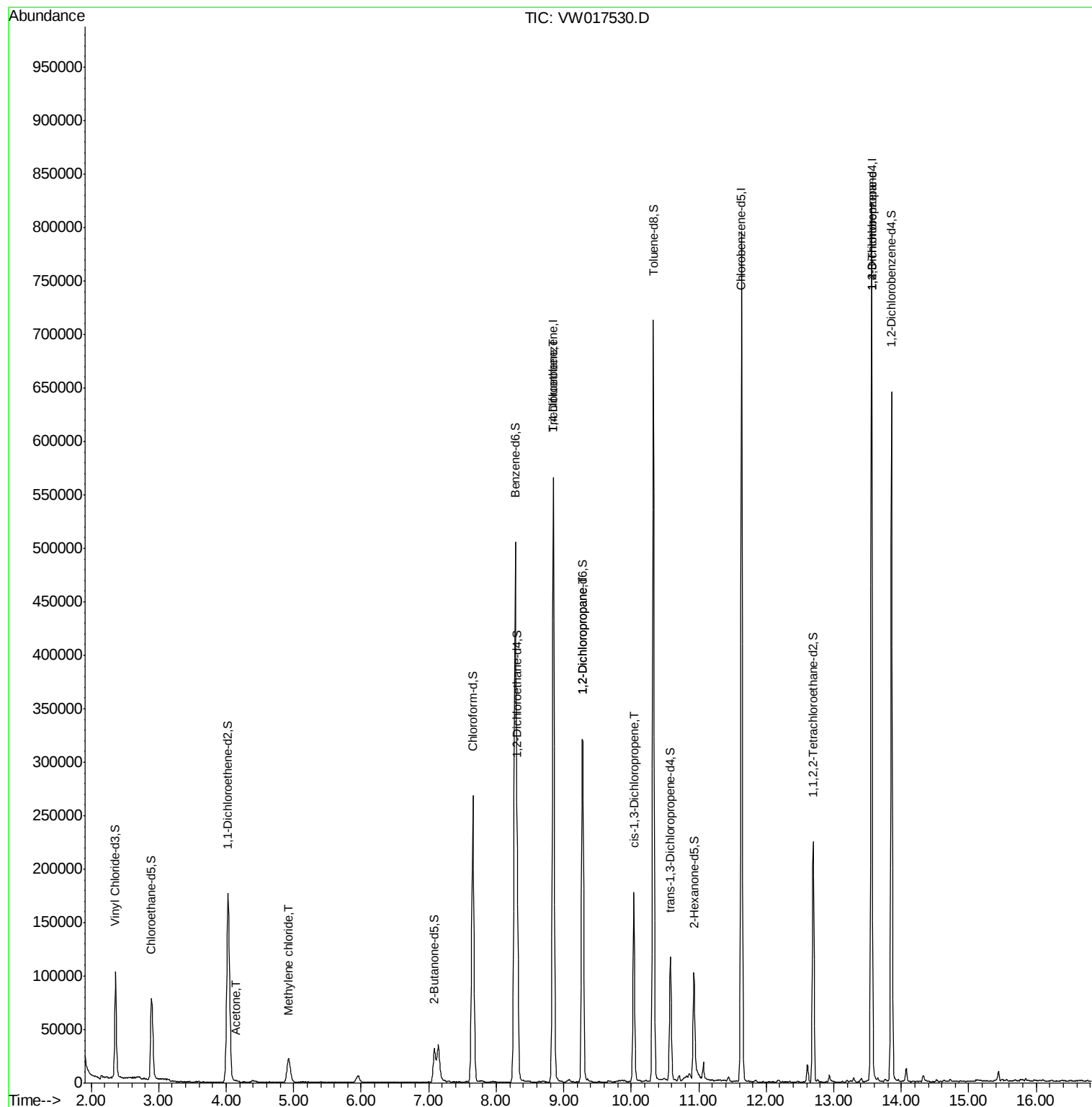
					Ovalue
13) Acetone	4.14	43	1412	1.026 ug/L	72
16) Methylene chloride	4.91	84	6860	0.929 ug/L	98
35) Trichloroethene	8.84	95	14551	1.980 ug/L #	3
40) 1,2-Dichloropropane	9.28	63	17802	2.855 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	4714	0.486 ug/L #	70
59) 1,2,3-Trichloropropane	13.56	75	25170	6.691 ug/L	100

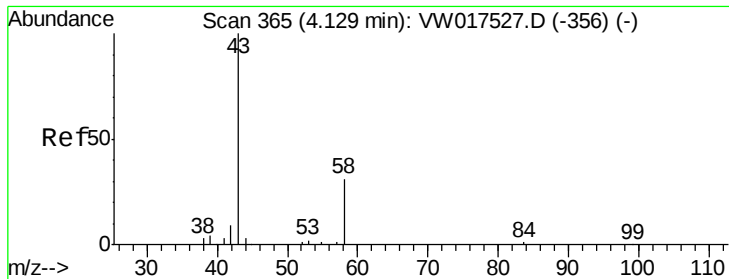
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 04 06:16:45 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.026 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.00 min

Lab File: VW017530.D

Acq: 03 Dec 2020 11:41

Instrument :

MSVOA_W

ClientSampled :

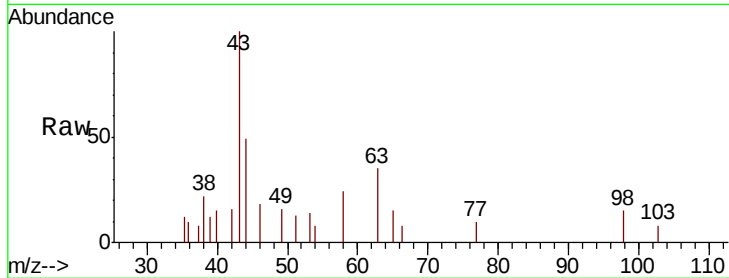
BG4F4

Tot Ion: 43 Resp: 1412

Ion Ratio Lower Upper

43 100

58 18.0 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

600

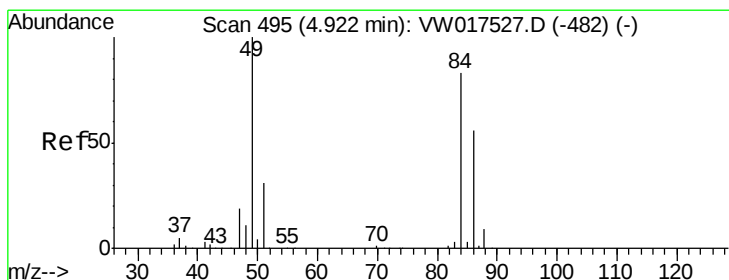
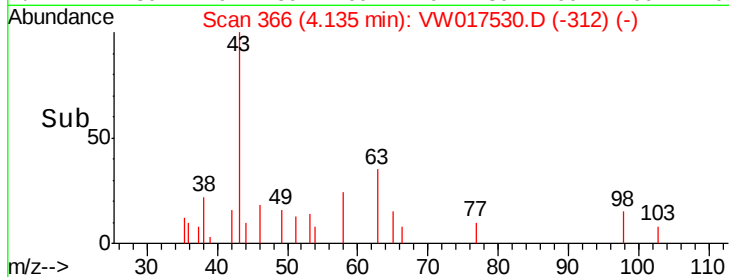
400

200

0

4.10 4.15

Time-->



#16

Methylene chloride

Concen: 0.929 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW017530.D

Acq: 03 Dec 2020 11:41

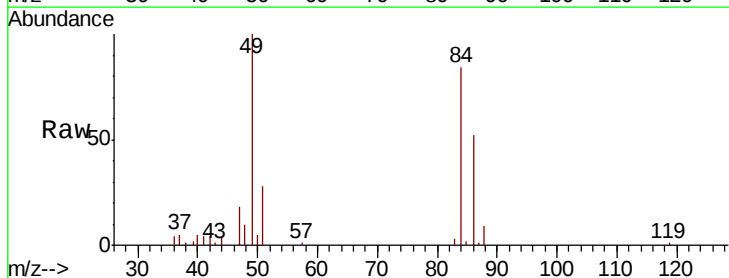
Tgt Ion: 84 Resp: 6860

Ion Ratio Lower Upper

84 100

49 118.6 81.2 150.8

86 61.7 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

8000

6000

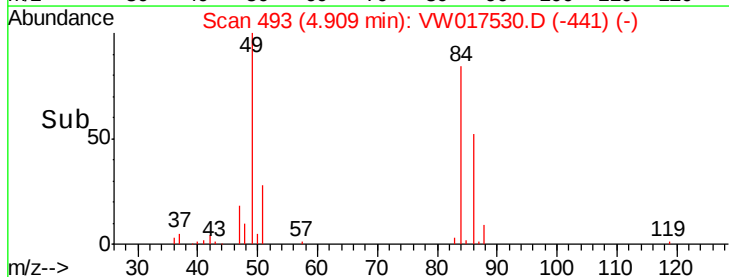
4000

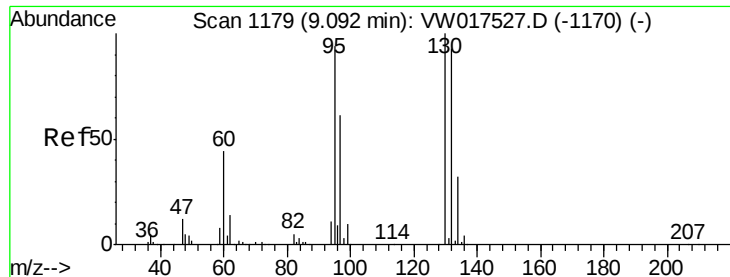
2000

0

4.86 4.88 4.90 4.92

Time-->





#35

Trichloroethene

Concen: 1.980 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017530.D

Acq: 03 Dec 2020 11:41

Instrument :

MSVOA_W

ClientSampleId :

BG4F4

Tot Ion: 95 Resp: 14551

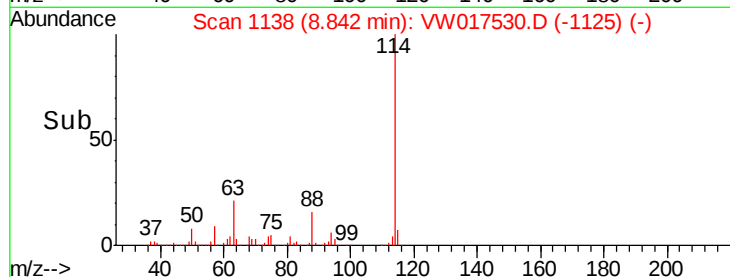
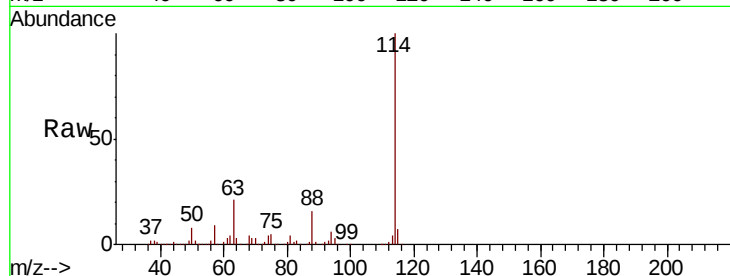
Ion Ratio Lower Upper

95 100

97 0.4 45.0 83.6#

132 0.0 71.0 131.8#

130 0.5 75.6 140.4#

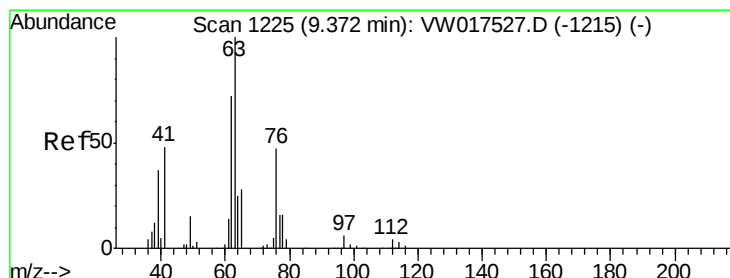
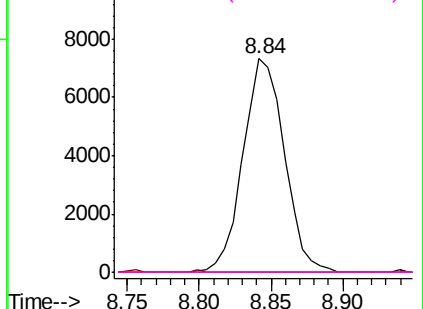


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 2.855 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW017530.D

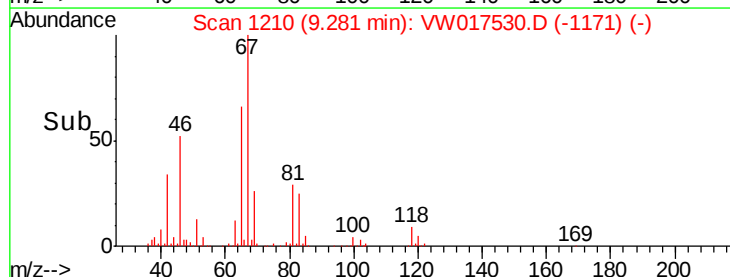
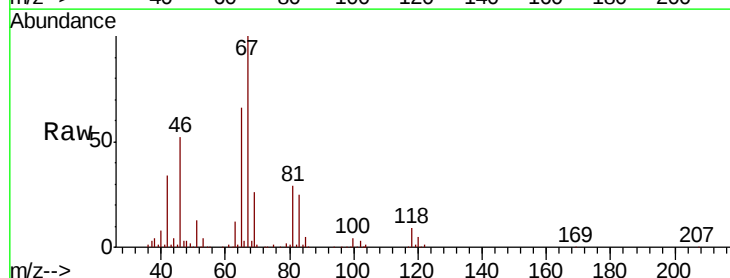
Acq: 03 Dec 2020 11:41

Tgt Ion: 63 Resp: 17802

Ion Ratio Lower Upper

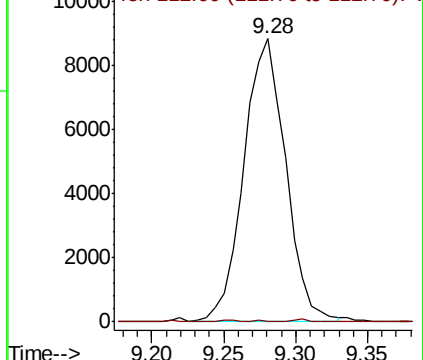
63 100

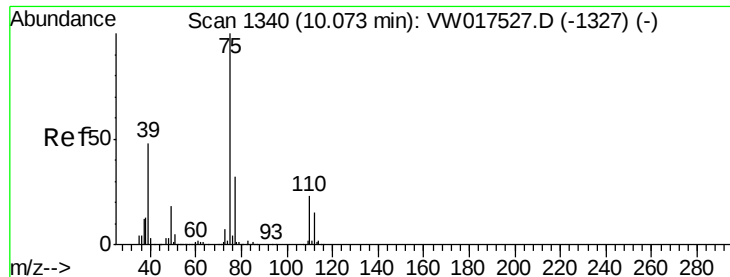
112 0.3 4.2 6.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.486 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW017530.D

Acq: 03 Dec 2020 11:41

Instrument :

MSVOA_W

ClientSampleId :

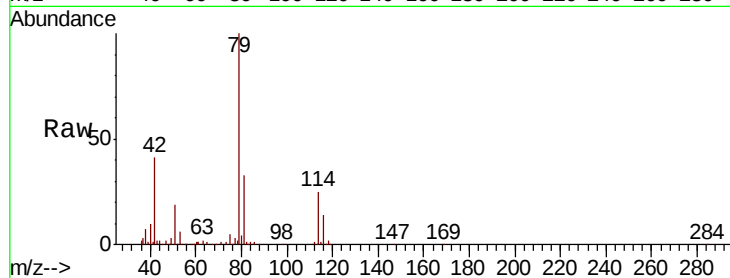
BG4F4

Tot Ion: 75 Resp: 4714

Ion Ratio Lower Upper

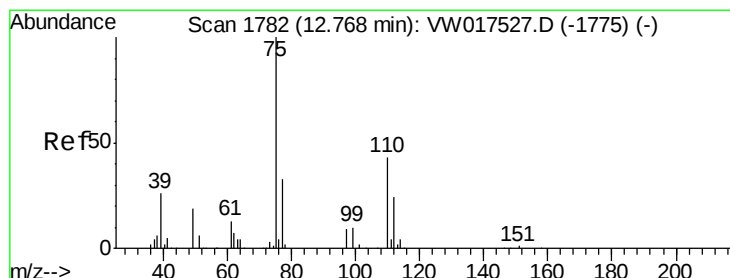
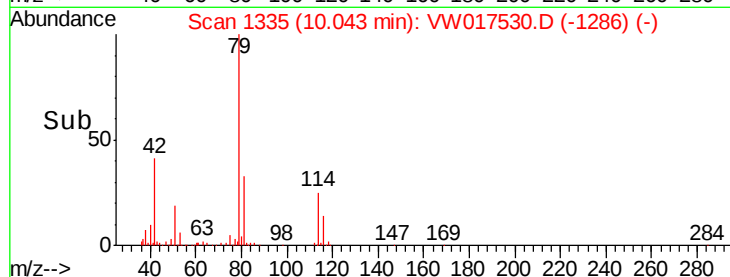
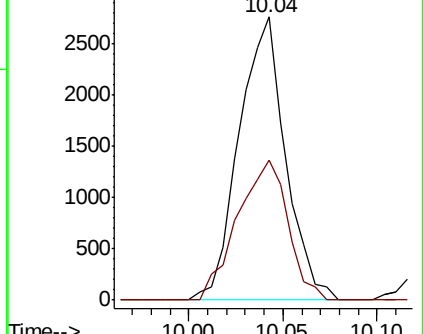
75 100

77 49.5 22.7 42.3#



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: 6.691 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017530.D

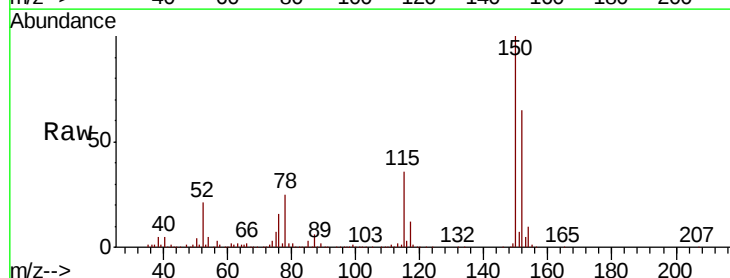
Acq: 03 Dec 2020 11:41

Tgt Ion: 75 Resp: 25170

Ion Ratio Lower Upper

75 100

77 33.0 26.6 39.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

