

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017551.D
 Acq On : 04 Dec 2020 13:20
 Operator : SY/VA
 Sample : L4941-02
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 01:46:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 01:44:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	417741	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	354455	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	134853	25.00	ug/L	0.00

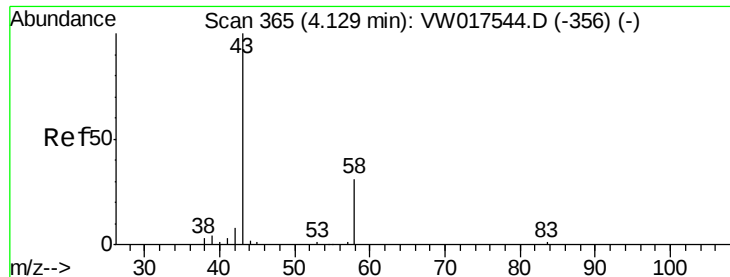
System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	101470	18.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.88%
7) Chloroethane-d5	2.89	69	90510	19.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.08%
10) 1,1-Dichloroethene-d2	4.03	63	177232	14.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.96%
20) 2-Butanone-d5	7.08	46	55882	48.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.44%
24) Chloroform-d	7.65	84	272518	22.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.84%
26) 1,2-Dichloroethane-d4	8.31	65	143744	24.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.76%
29) Benzene-d6	8.27	84	507559	23.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.16%
33) 1,2-Dichloropropane-d6	9.27	67	154212	25.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.28%
37) Toluene-d8	10.32	98	439581	22.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.60%
38) trans-1,3-Dichloropropene-	10.58	79	59030	21.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.60%
39) 2-Hexanone-d5	10.93	63	34586	46.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108881	25.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	118100	23.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.64%

Target Compounds

					Ovalue
13) Acetone	4.14	43	539	0.483 ug/L	79
16) Methylene chloride	4.92	84	26311	4.195 ug/L	92
21) 2-Butanone	7.13	43	1825	1.368 ug/L	78
35) Trichloroethene	8.84	95	12890	2.182 ug/L #	3
42) cis-1,3-Dichloropropene	10.04	75	4579	0.591 ug/L #	68
45) trans-1,3-Dichloropropene	10.58	75	3152	0.475 ug/L	89
49) 2-Hexanone	10.93	43	4189	2.575 ug/L #	65
59) 1,2,3-Trichloropropane	13.56	75	15858	5.324 ug/L	97

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



#13

Acetone

Concen: 0.483 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

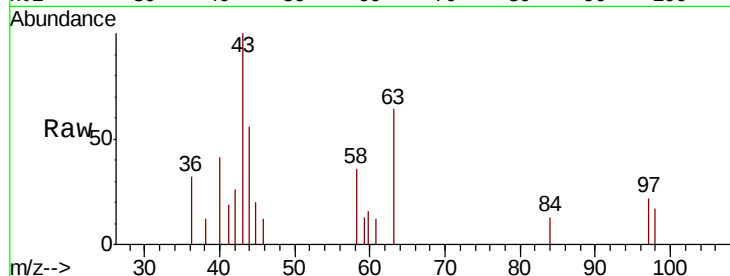
ClientSampled :

Tot Ion: 43 Resp: 539

Ion Ratio Lower Upper

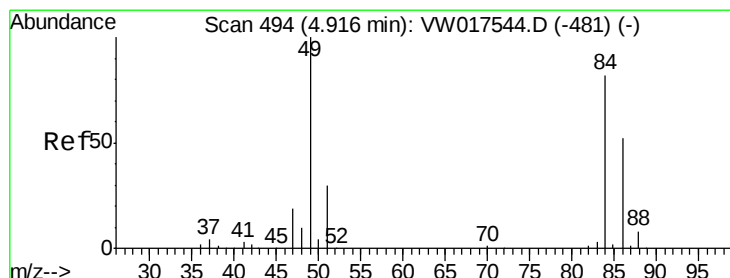
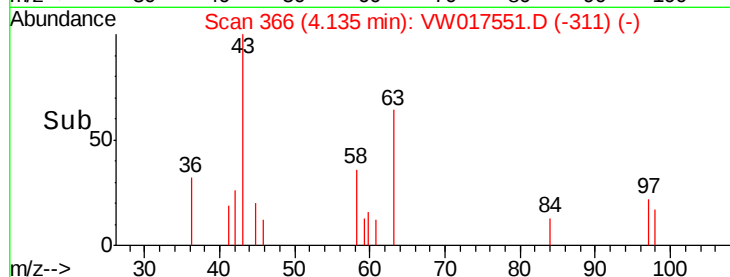
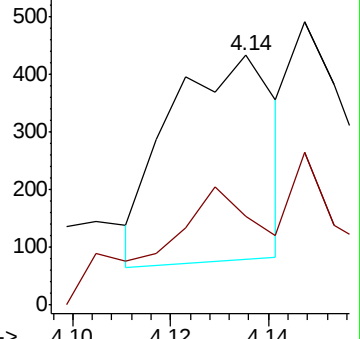
43 100

58 22.3 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 4.195 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017551.D

Acq: 04 Dec 2020 13:20

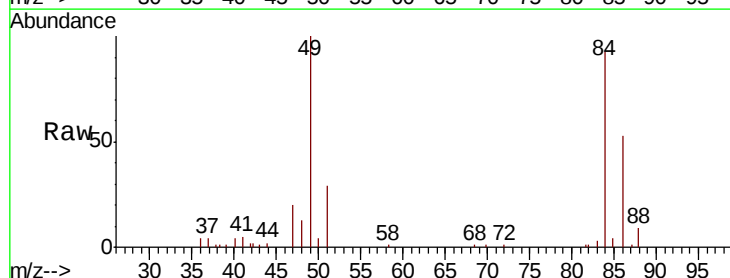
Tgt Ion: 84 Resp: 26311

Ion Ratio Lower Upper

84 100

49 107.3 81.2 150.8

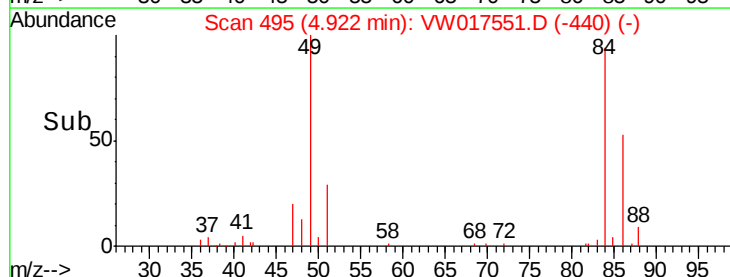
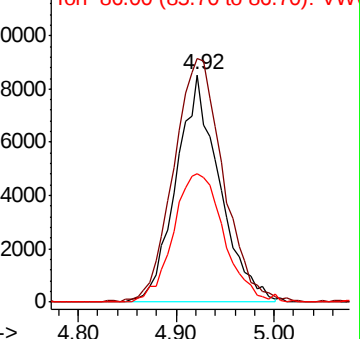
86 56.7 44.5 82.7

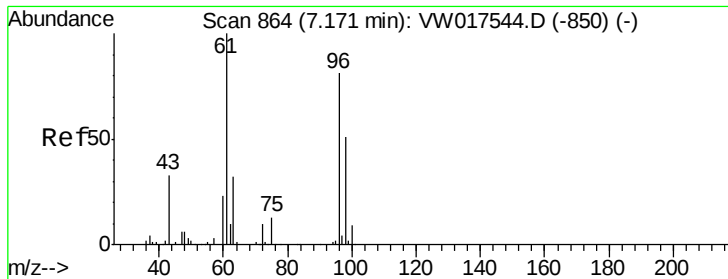


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 1.368 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW017551.D

Acq: 04 Dec 2020 13:20

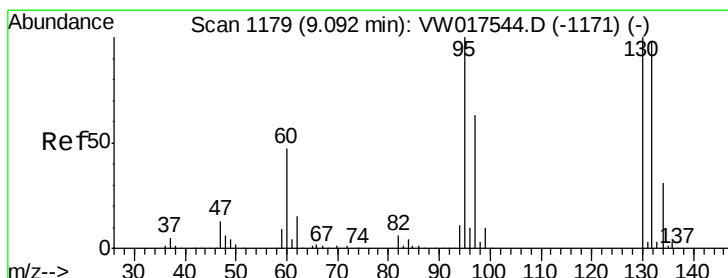
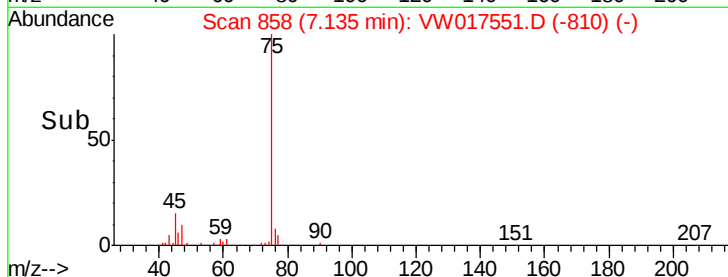
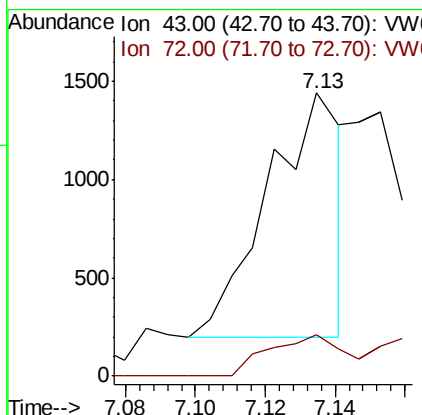
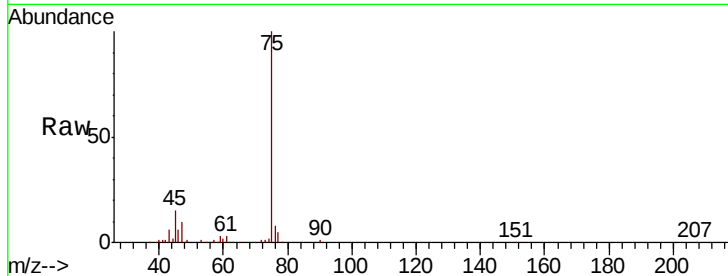
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1825

Ion Ratio Lower Upper

43 100

72 17.3 14.4 43.2



#35

Trichloroethene

Concen: 2.182 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017551.D

Acq: 04 Dec 2020 13:20

Tgt Ion: 95 Resp: 12890

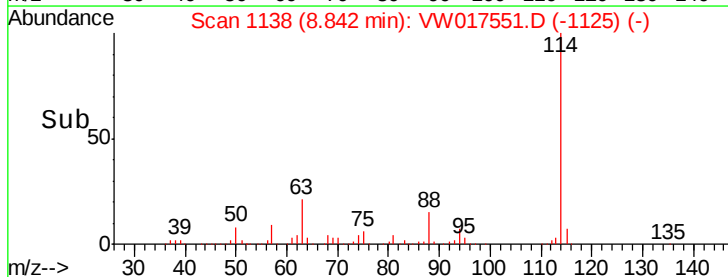
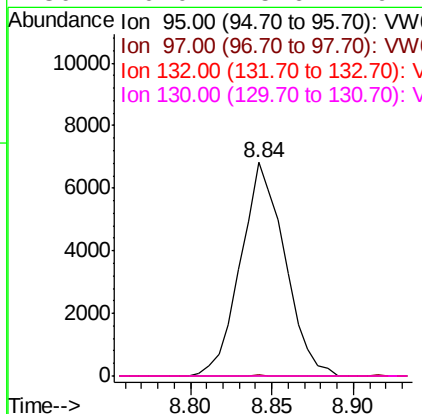
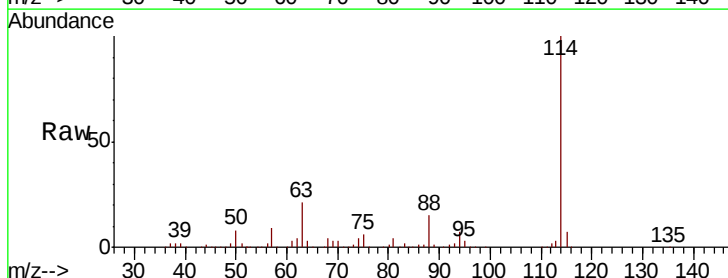
Ion Ratio Lower Upper

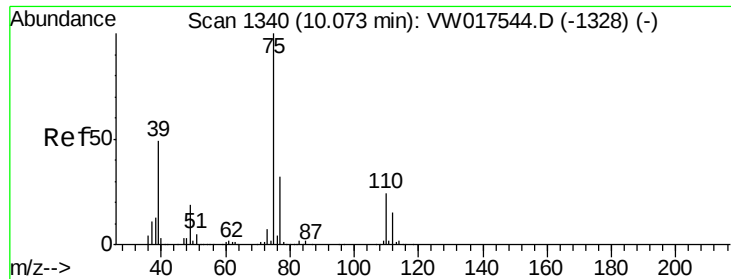
95 100

97 0.0 45.0 83.6#

132 0.4 71.0 131.8#

130 0.0 75.6 140.4#





#42

cis-1,3-Dichloropropene

Concen: 0.591 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017551.D

Acq: 04 Dec 2020 13:20

Instrument :

MSVOA_W

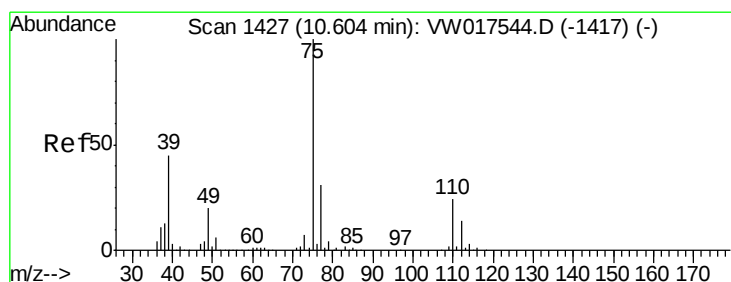
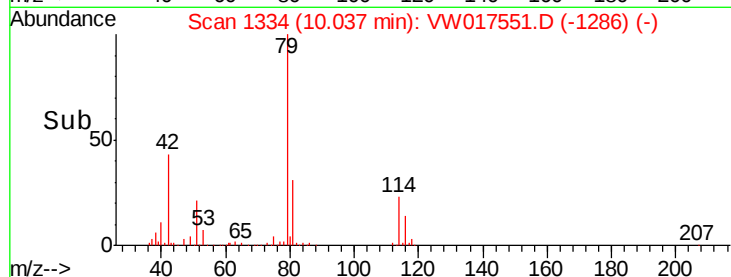
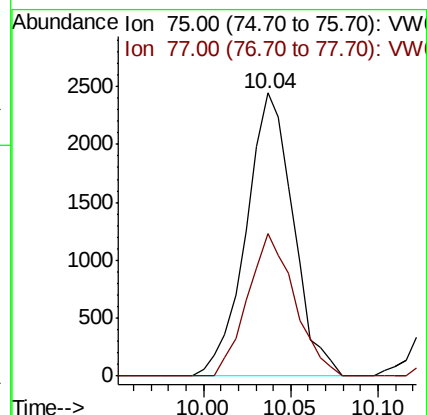
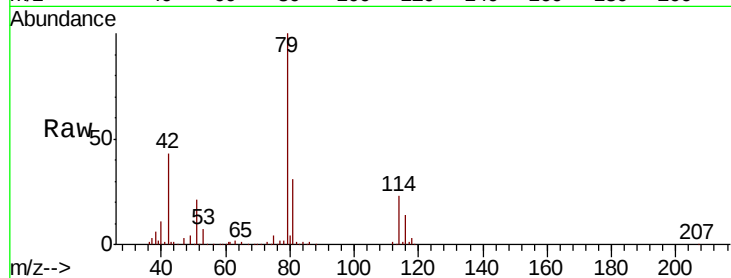
ClientSampleId :

Tot Ion: 75 Resp: 4579

Ion Ratio Lower Upper

75 100

77 50.6 22.7 42.3#



#45

trans-1,3-Dichloropropene

Concen: 0.475 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017551.D

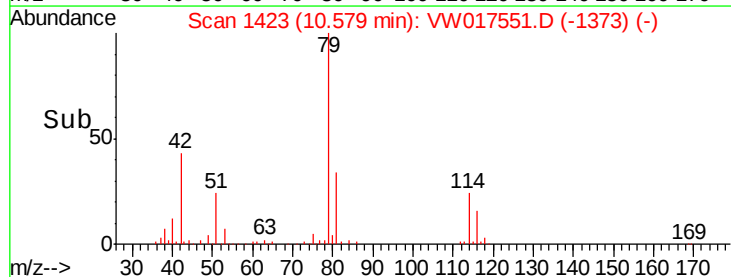
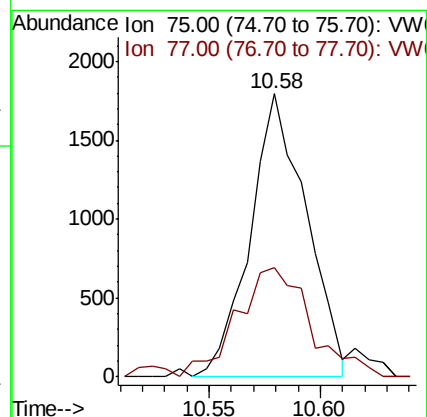
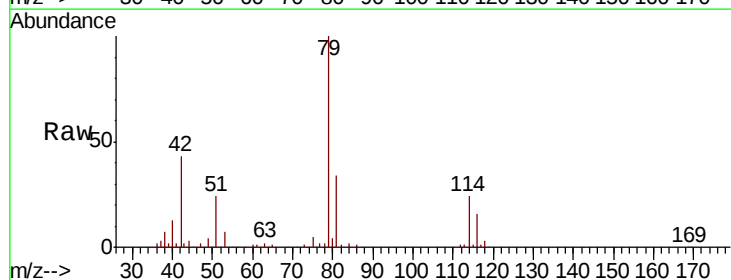
Acq: 04 Dec 2020 13:20

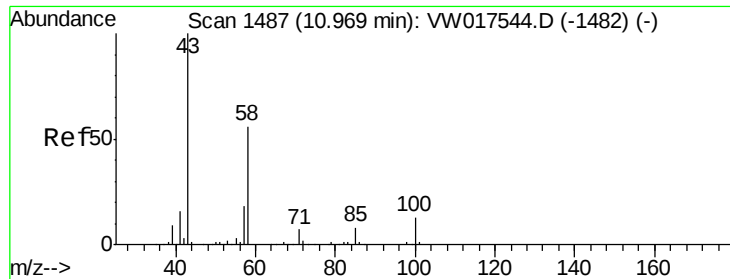
Tgt Ion: 75 Resp: 3152

Ion Ratio Lower Upper

75 100

77 38.7 22.6 42.0





#49

2-Hexanone

Concen: 2.575 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017551.D

Acq: 04 Dec 2020 13:20

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 4189

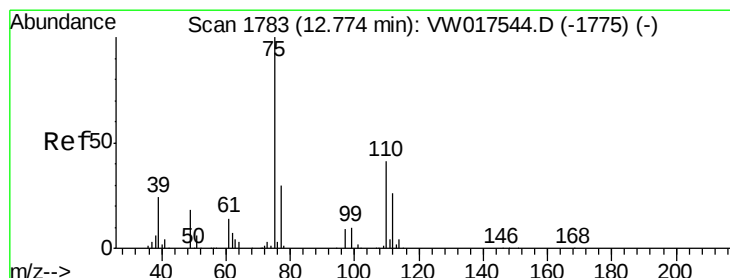
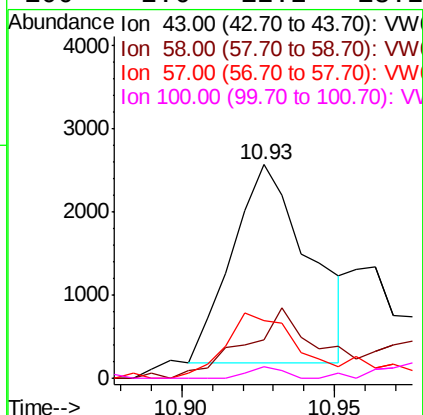
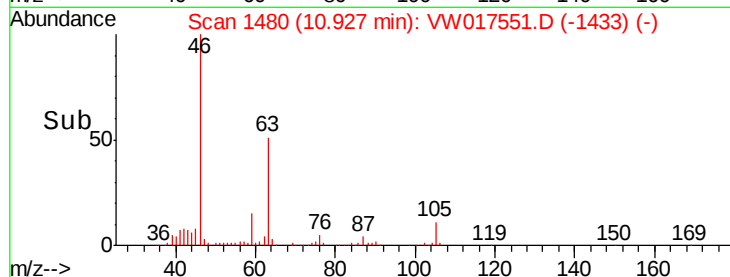
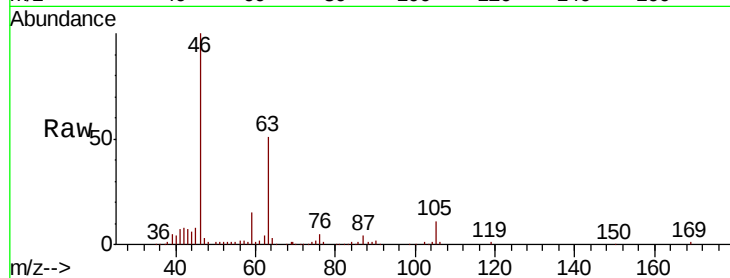
Ion Ratio Lower Upper

43 100

58 32.9 51.3 76.9#

57 30.1 15.0 22.6#

100 2.6 12.2 18.2#



#59

1,2,3-Trichloropropane

Concen: 5.324 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017551.D

Acq: 04 Dec 2020 13:20

Tgt Ion: 75 Resp: 15858

Ion Ratio Lower Upper

75 100

77 35.0 26.6 39.8

