

Data File : VV010874.D
Acq On : 14 May 2019 22:47
Operator : SY/MD
Sample : K2798-03
Misc : 4.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB875

Quant Time: May 15 08:11:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 08:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	136194	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	134113	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59858	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34476	19.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.48%
7) Chloroethane-d5	1.57	69	26310	23.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.08%
10) 1,1-Dichloroethene-d2	2.12	63	51373	15.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.60%
20) 2-Butanone-d5	3.94	46	21351	39.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.22%
24) Chloroform-d	4.40	84	53193	13.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	54.12%
26) 1,2-Dichloroethane-d4	5.08	65	44944	20.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.40%
29) Benzene-d6	5.09	84	154687	20.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.36%
33) 1,2-Dichloropropane-d6	6.12	67	50836	21.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.84%
37) Toluene-d8	7.36	98	139263	19.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.08%
38) trans-1,3-Dichloropropene-	7.66	79	18681	18.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.32%
39) 2-Hexanone-d5	8.13	63	17072	38.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.08%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	40824	18.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.36%
61) 1,2-Dichlorobenzene-d4	11.67	152	53481	21.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.56%

Target Compounds

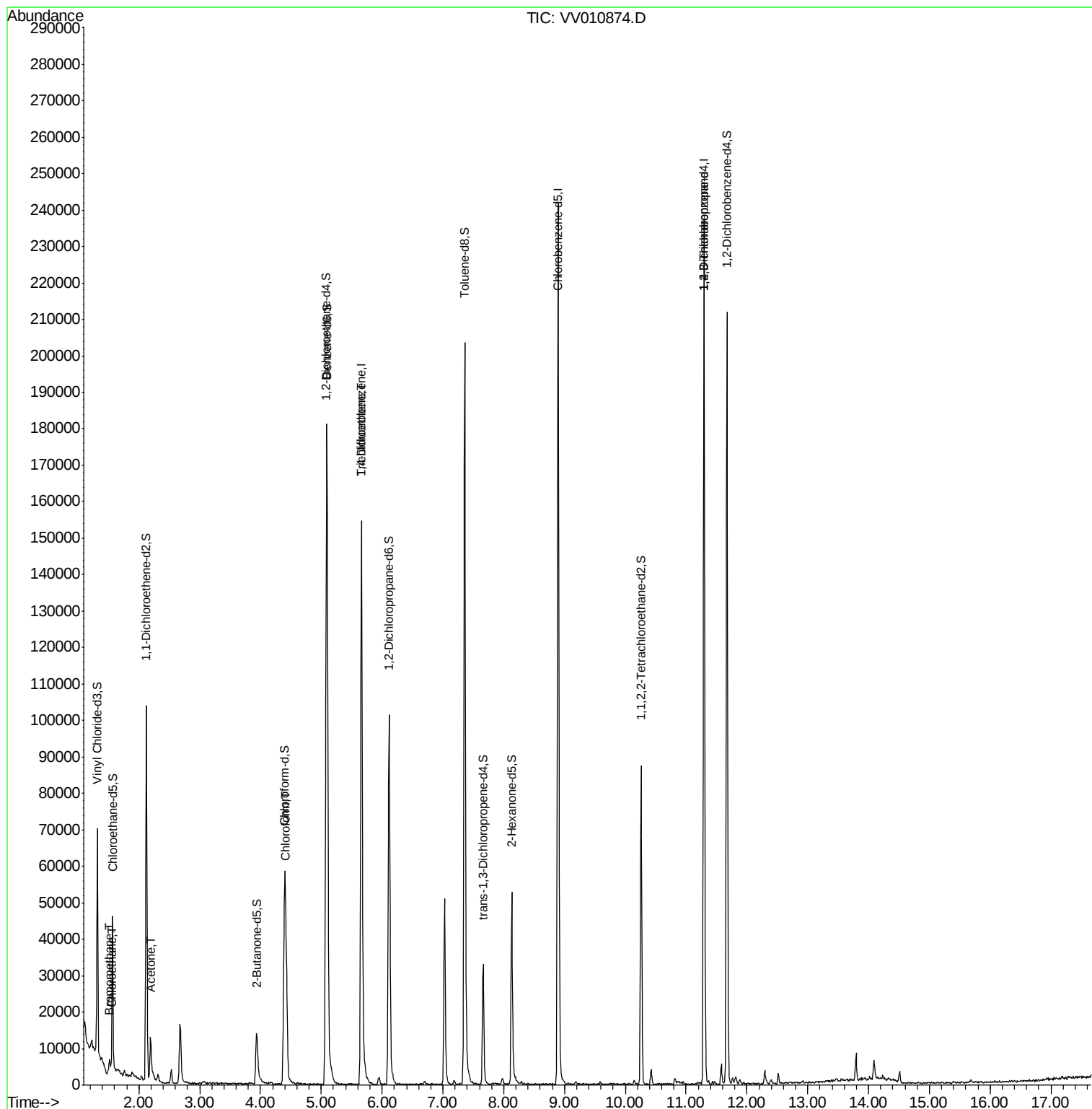
					Qvalue
6) Bromomethane	1.52	94	892	1.973 ug/L	98
8) Chloroethane	1.54	64	2557	2.538 ug/L #	53
13) Acetone	2.19	43	11760	21.149 ug/L	100
25) Chloroform	4.42	83	25737	6.555 ug/L	96
35) Trichloroethene	5.66	95	4099	2.023 ug/L #	5
59) 1,2,3-Trichloropropane	11.29	75	8018	4.887 ug/L	97

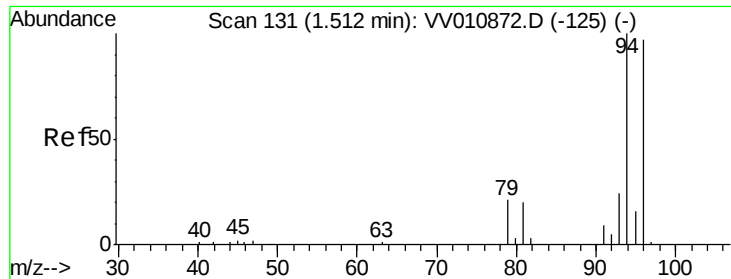
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 1.973 ug/L

RT: 1.52 min Scan# 133

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

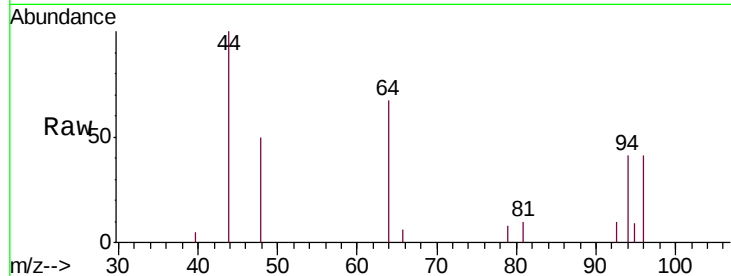
DB875

Tgt Ion: 94 Resp: 892

Ion Ratio Lower Upper

94 100

96 94.1 9.6 181.6



Abundance Ion 94.00 (93.70 to 94.70): VV010872.D (-125) (-)

Ion 96.00 (95.70 to 96.70): VV010872.D (-125) (-)

1.52

800

600

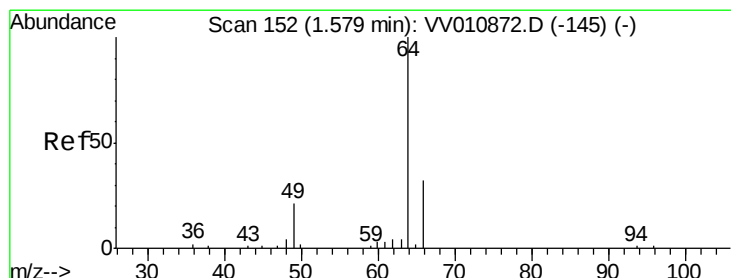
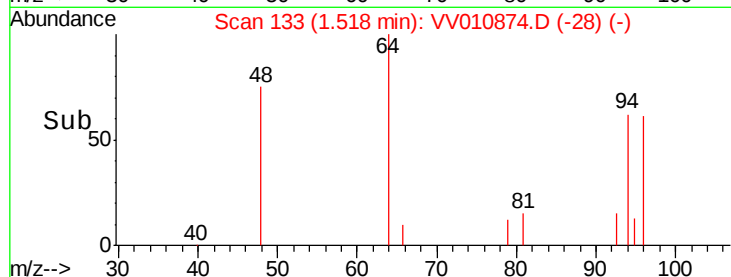
400

200

0

1.50 1.52 1.54

Time-->



#8

Chloroethane

Concen: 2.538 ug/L

RT: 1.54 min Scan# 140

Delta R.T. -0.04 min

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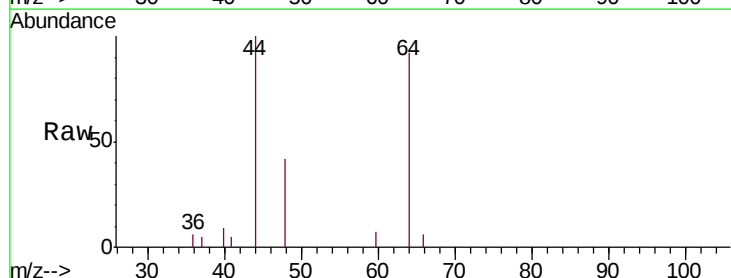
Acq: 14 May 2019 22:47

Tgt Ion: 64 Resp: 2557

Ion Ratio Lower Upper

64 100

66 6.0 22.5 41.9#



Abundance Ion 64.00 (63.70 to 64.70): VV010872.D (-145) (-)

Ion 66.00 (65.70 to 66.70): VV010872.D (-145) (-)

1.54

2000

1500

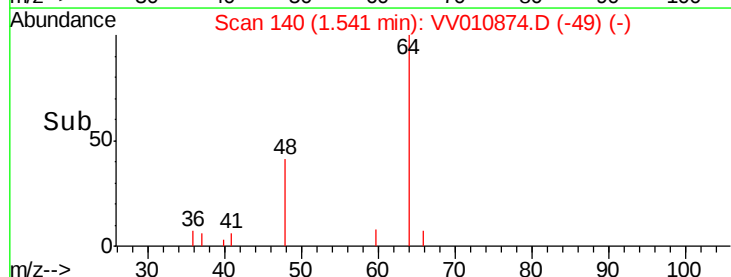
1000

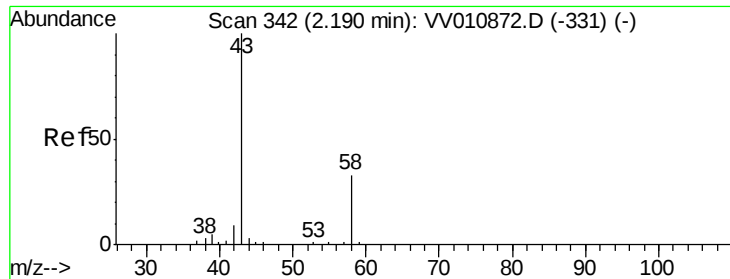
500

0

1.50 1.55

Time-->





#13

Acetone

Concen: 21.149 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

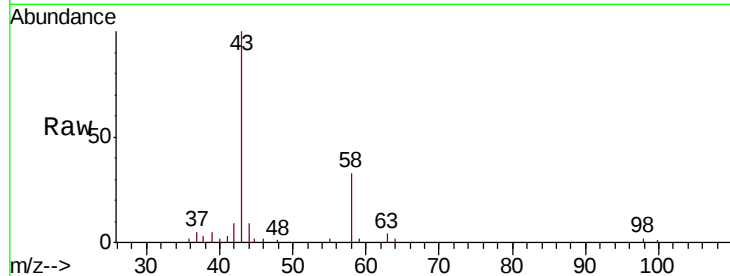
DB875

Tgt Ion: 43 Resp: 11760

Ion Ratio Lower Upper

43 100

58 34.8 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV010872.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010872.D (-331) (-)

8000

6000

4000

2000

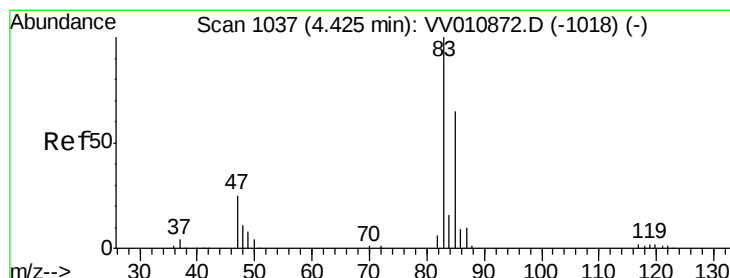
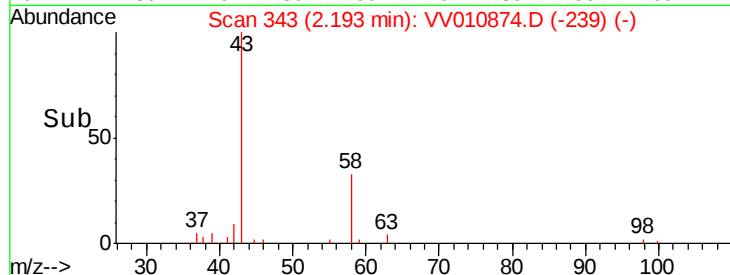
0

Time-->

2.15

2.20

2.25



#25

Chloroform

Concen: 6.555 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV010874.D

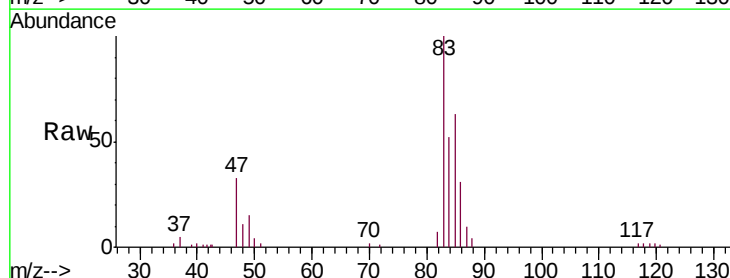
Acq: 14 May 2019 22:47

Tgt Ion: 83 Resp: 25737

Ion Ratio Lower Upper

83 100

85 67.6 45.3 84.1



Abundance Ion 83.00 (82.70 to 83.70): VV010872.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV010872.D (-1018) (-)

12000

10000

8000

6000

4000

2000

0

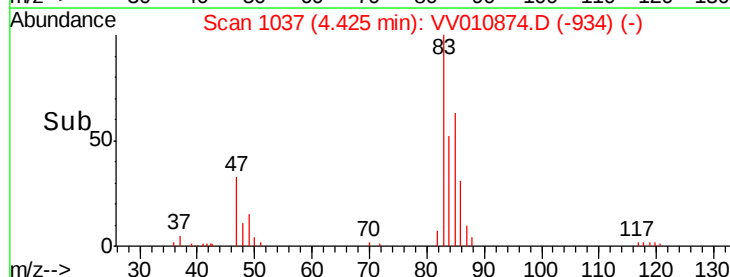
Time-->

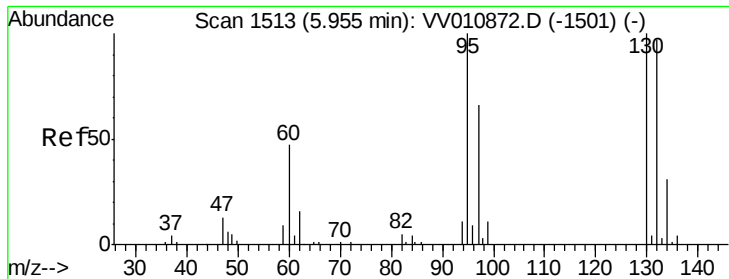
4.35

4.40

4.45

4.50





#35

Trichloroethene

Concen: 2.023 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.30 min

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Instrument :

MSVOA_V

ClientSampleId :

DB875

Tgt Ion: 95 Resp: 4099

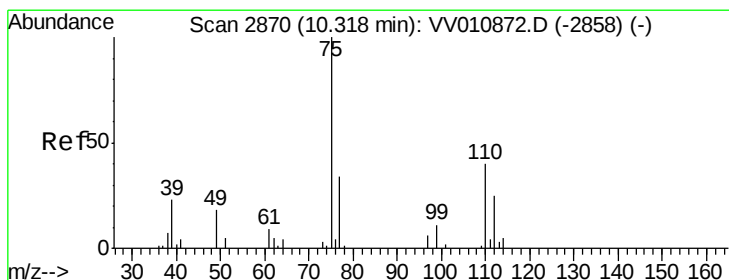
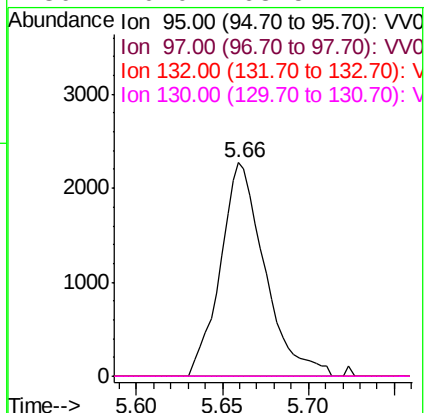
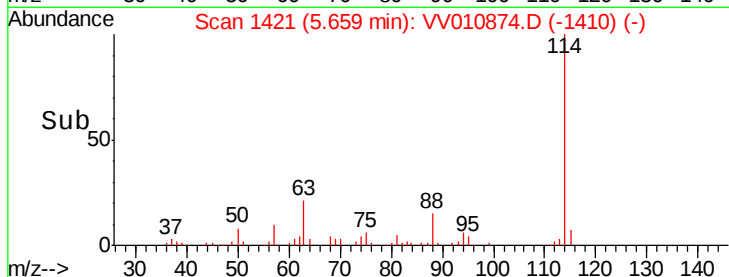
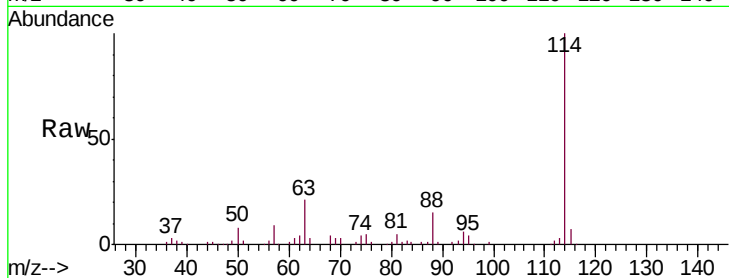
Ion Ratio Lower Upper

95 100

97 0.0 46.0 85.4#

132 0.0 67.4 125.2#

130 0.0 68.5 127.1#



#59

1,2,3-Trichloropropane

Concen: 4.887 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010874.D

Acq: 14 May 2019 22:47

Tgt Ion: 75 Resp: 8018

Ion Ratio Lower Upper

75 100

77 34.7 26.4 39.6

