

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072020\
 Data File : VV017546.D
 Acq On : 20 Jul 2020 15:50
 Operator : SY/MD
 Sample : L3314-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 21 01:46:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 20 18:07:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	277722	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	279670	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	142012	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74753	48.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.50%
7) Chloroethane-d5	1.58	69	55337	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.12	63	135296	35.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.82%
21) 2-Butanone-d5	3.91	46	101848	90.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.49%
24) Chloroform-d	4.38	84	158900	44.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.54%
26) 1,2-Dichloroethane-d4	5.06	65	117483	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.00%
32) Benzene-d6	5.08	84	283206	45.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.84%
36) 1,2-Dichloropropane-d6	6.09	67	82545	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.74%
41) Toluene-d8	7.34	98	263258	45.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.06%
43) trans-1,3-Dichloropropene-	7.64	79	49074	43.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.68%
47) 2-Hexanone-d5	8.11	63	96307	112.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.72%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	120438	45.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	130582	50.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.76%

Target Compounds

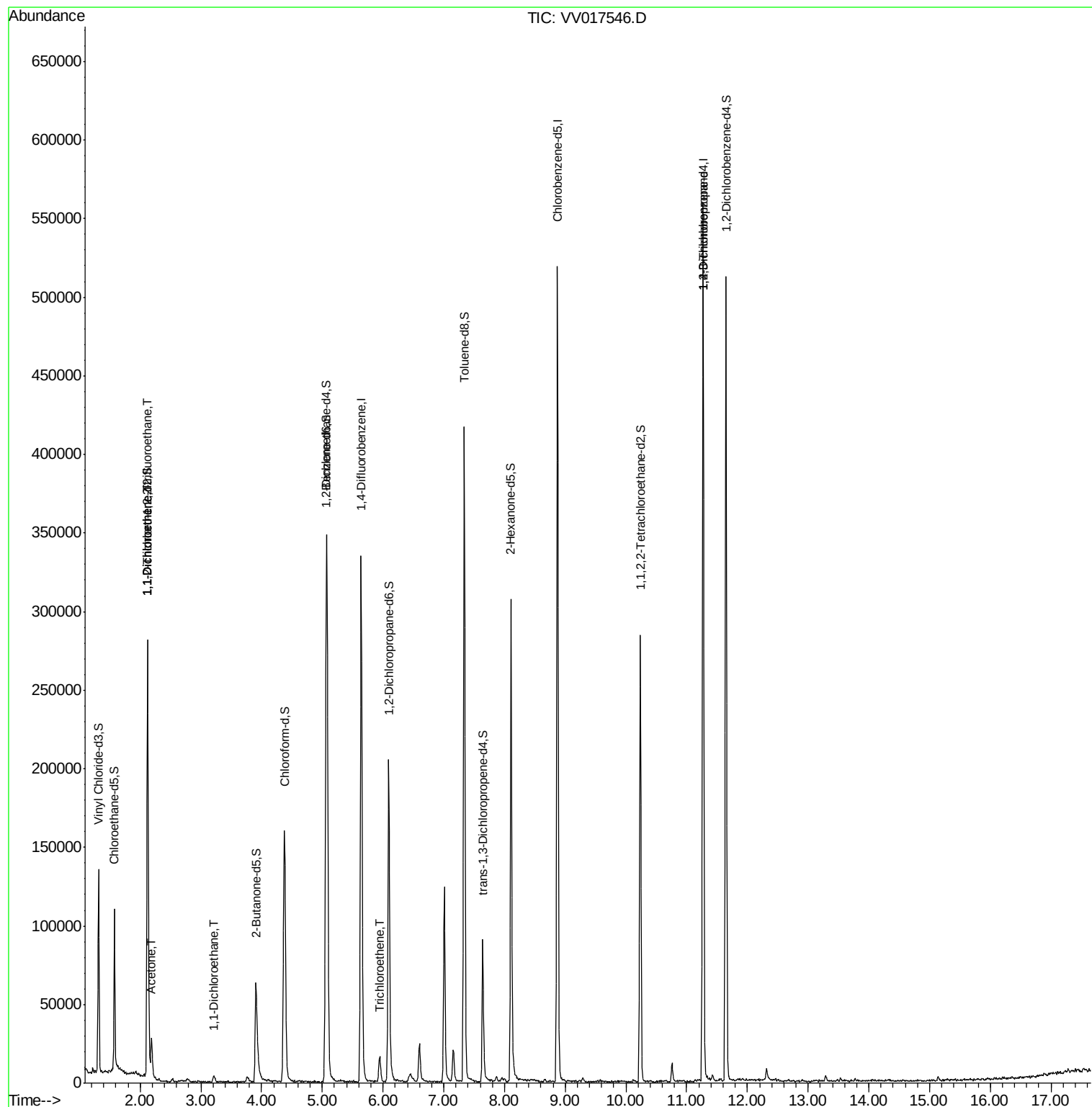
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4258	2.057	ug/L #	74
12) 1,1-Dichloroethene	2.13	96	13795	7.446	ug/L #	1
13) Acetone	2.19	43	30588	22.278	ug/L	98
19) 1,1-Dichloroethane	3.21	63	3962	1.183	ug/L #	89
34) Trichloroethene	5.95	95	5236	2.630	ug/L	90
59) 1,2,3-Trichloropropane	11.27	75	15161	5.937	ug/L	89

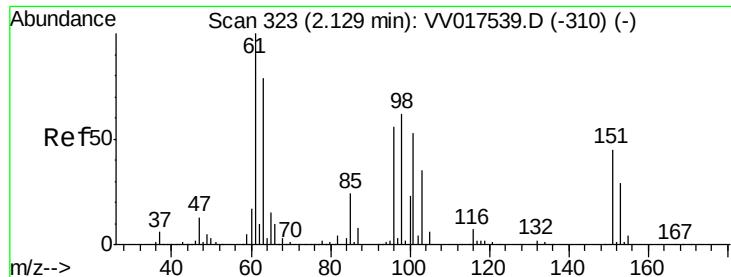
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.057 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017546.D

Acq: 20 Jul 2020 15:50

Instrument :

MSVOA_V

ClientSampleId :

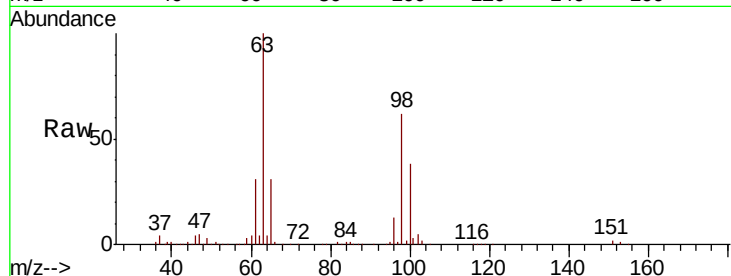
Tot Ion:101 Resp: 4258

Ion Ratio Lower Upper

101 100

85 35.0 36.2 54.4#

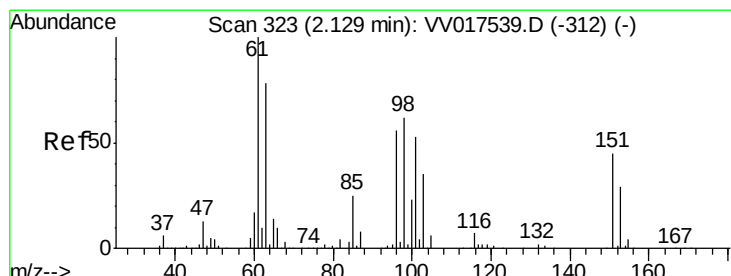
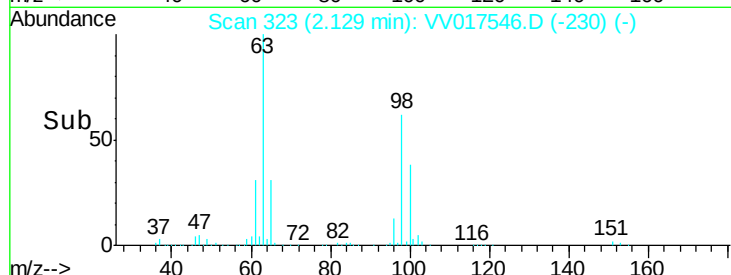
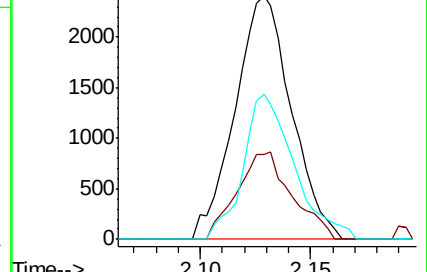
151 53.9 65.9 98.9#



Abundance Ion 101.00 (100.70 to 101.70): VV017539.D (-310) (-)

Ion 85.00 (84.70 to 85.70): VV017539.D (-310) (-)

Ion 151.00 (150.70 to 151.70): VV017539.D (-310) (-)



#12

1,1-Dichloroethene

Concen: 7.446 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV017546.D

Acq: 20 Jul 2020 15:50

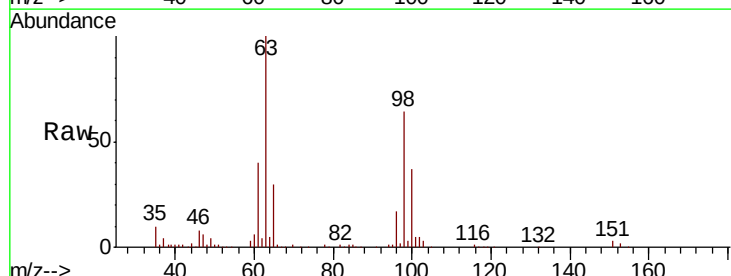
Tgt Ion: 96 Resp: 13795

Ion Ratio Lower Upper

96 100

61 227.5 126.0 234.0

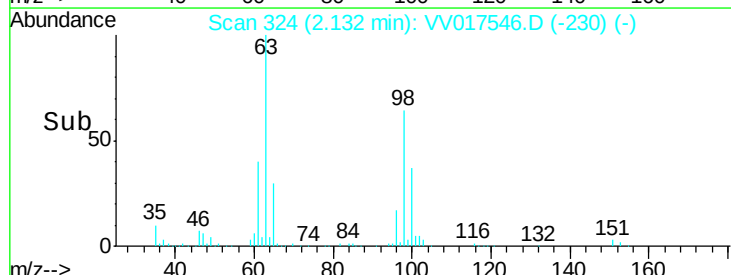
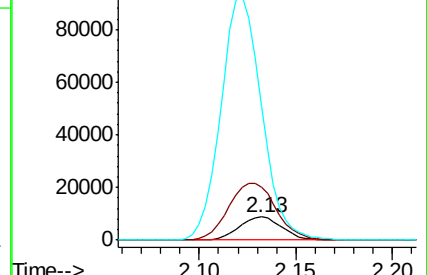
63 572.9 99.8 185.4#

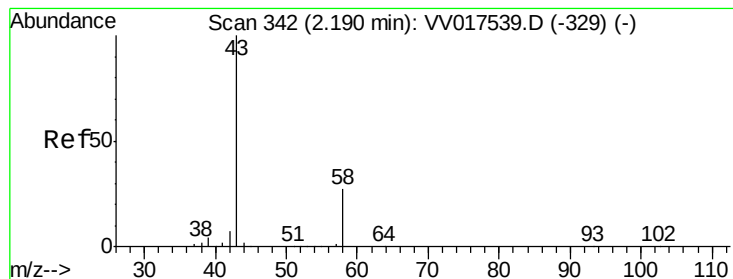


Abundance Ion 96.00 (95.70 to 96.70): VV017546.D (-230) (-)

Ion 61.00 (60.70 to 61.70): VV017546.D (-230) (-)

Ion 63.00 (62.70 to 63.70): VV017546.D (-230) (-)





#13

Acetone

Concen: 22.278 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV017546.D

Acq: 20 Jul 2020 15:50

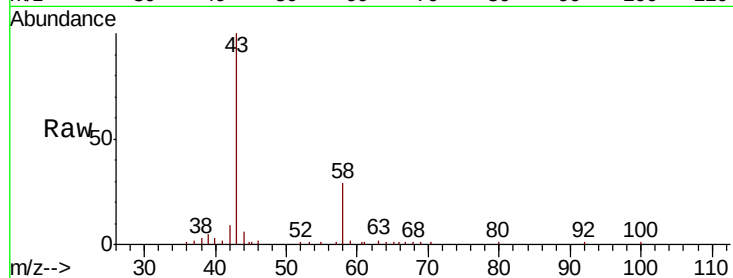
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 30588

Ion Ratio Lower Upper

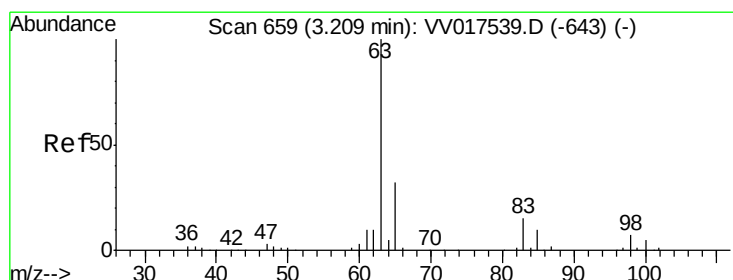
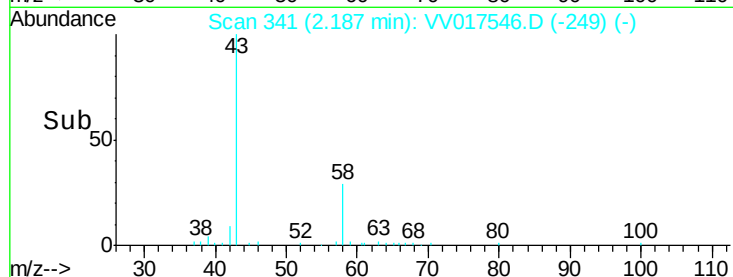
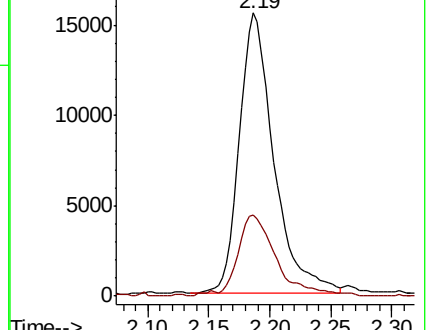
43 100

58 29.1 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV017539.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV017539.D (-329) (-)



#19

1,1-Dichloroethane

Concen: 1.183 ug/L

RT: 3.21 min Scan# 660

Delta R.T. 0.00 min

Lab File: VV017546.D

Acq: 20 Jul 2020 15:50

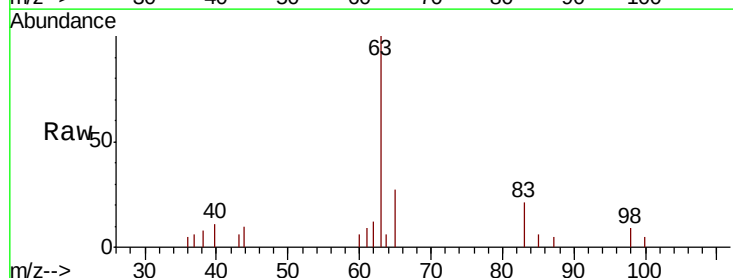
Tgt Ion: 63 Resp: 3962

Ion Ratio Lower Upper

63 100

65 26.8 22.0 41.0

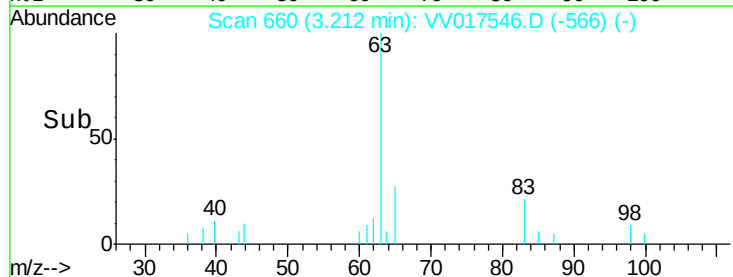
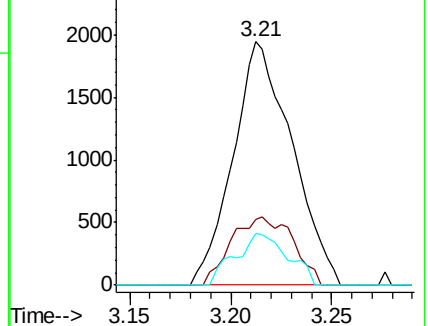
83 21.3 10.1 18.9#

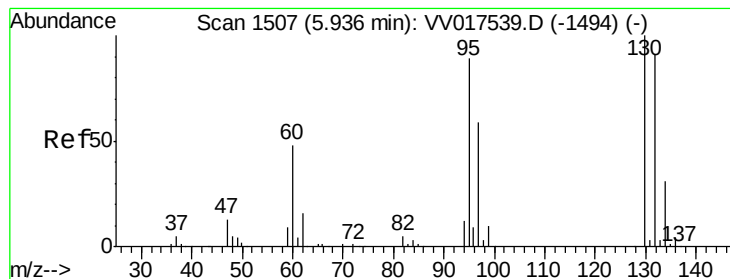


Abundance Ion 63.00 (62.70 to 63.70): VV017539.D (-643) (-)

Ion 65.00 (64.70 to 65.70): VV017539.D (-643) (-)

Ion 83.00 (82.70 to 83.70): VV017539.D (-643) (-)





#34

Trichloroethene

Concen: 2.630 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV017546.D

Acq: 20 Jul 2020 15:50

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 5236

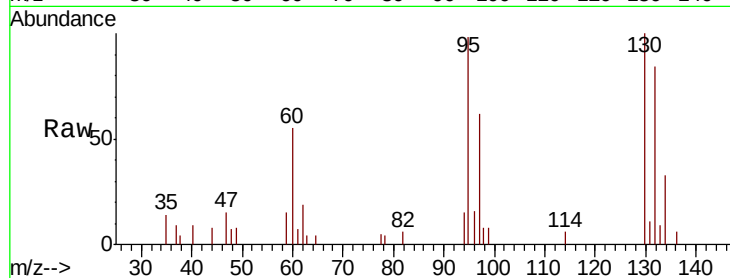
Ion Ratio Lower Upper

95 100

97 63.5 46.1 85.5

132 85.6 71.3 132.3

130 102.1 78.3 145.3



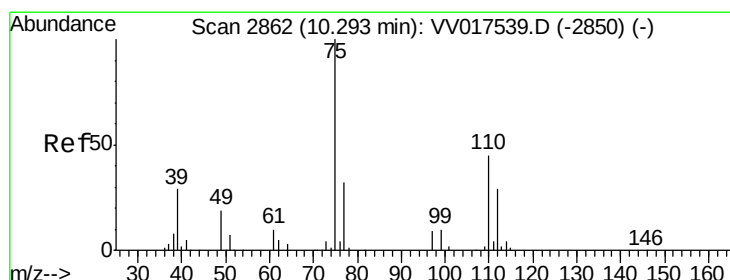
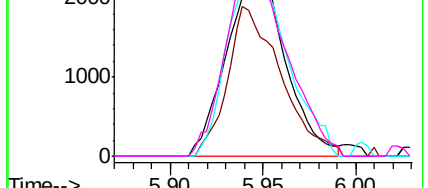
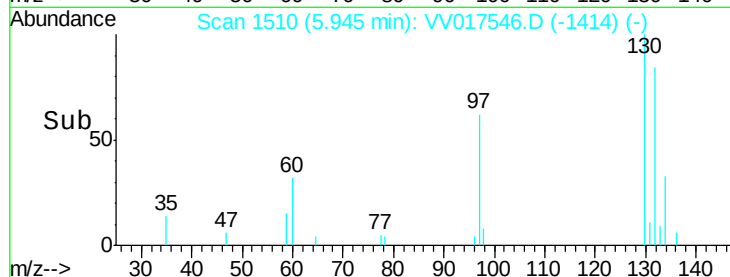
Abundance Ion 95.00 (94.70 to 95.70): VV017539.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV017539.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV017539.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV017539.D (-1494) (-)

Time-->



#59

1,2,3-Trichloropropane

Concen: 5.937 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV017546.D

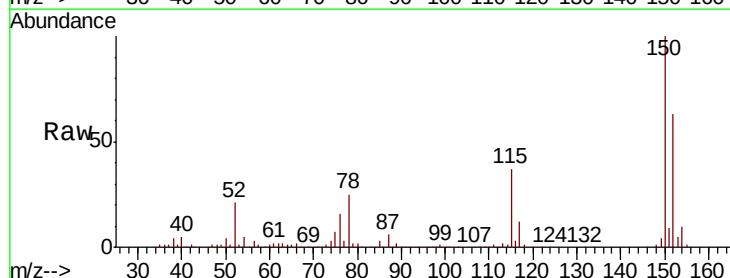
Acq: 20 Jul 2020 15:50

Tgt Ion: 75 Resp: 15161

Ion Ratio Lower Upper

75 100

77 38.5 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV017539.D (-2850) (-)

Ion 77.00 (76.70 to 77.70): VV017539.D (-2850) (-)

Time-->

