

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017219.D
 Acq On : 27 Jun 2020 06:58
 Operator : SY/MD
 Sample : L3133-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 27 07:21:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 27 03:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	347287	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	324704	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152636	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88445	36.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.18%
7) Chloroethane-d5	1.58	69	60468	41.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.24%
11) 1,1-Dichloroethene-d2	2.12	63	142377	34.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.20%
21) 2-Butanone-d5	3.90	46	148853	82.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.07%
24) Chloroform-d	4.38	84	216136	43.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.76%
26) 1,2-Dichloroethane-d4	5.06	65	159183	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
32) Benzene-d6	5.08	84	404860	43.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.50%
36) 1,2-Dichloropropane-d6	6.09	67	122072	41.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.68%
41) Toluene-d8	7.34	98	368041	42.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.70%
43) trans-1,3-Dichloropropene-	7.64	79	60504	39.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.64%
47) 2-Hexanone-d5	8.11	63	96961	76.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.23%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	160753	41.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	149366	45.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.70%

Target Compounds

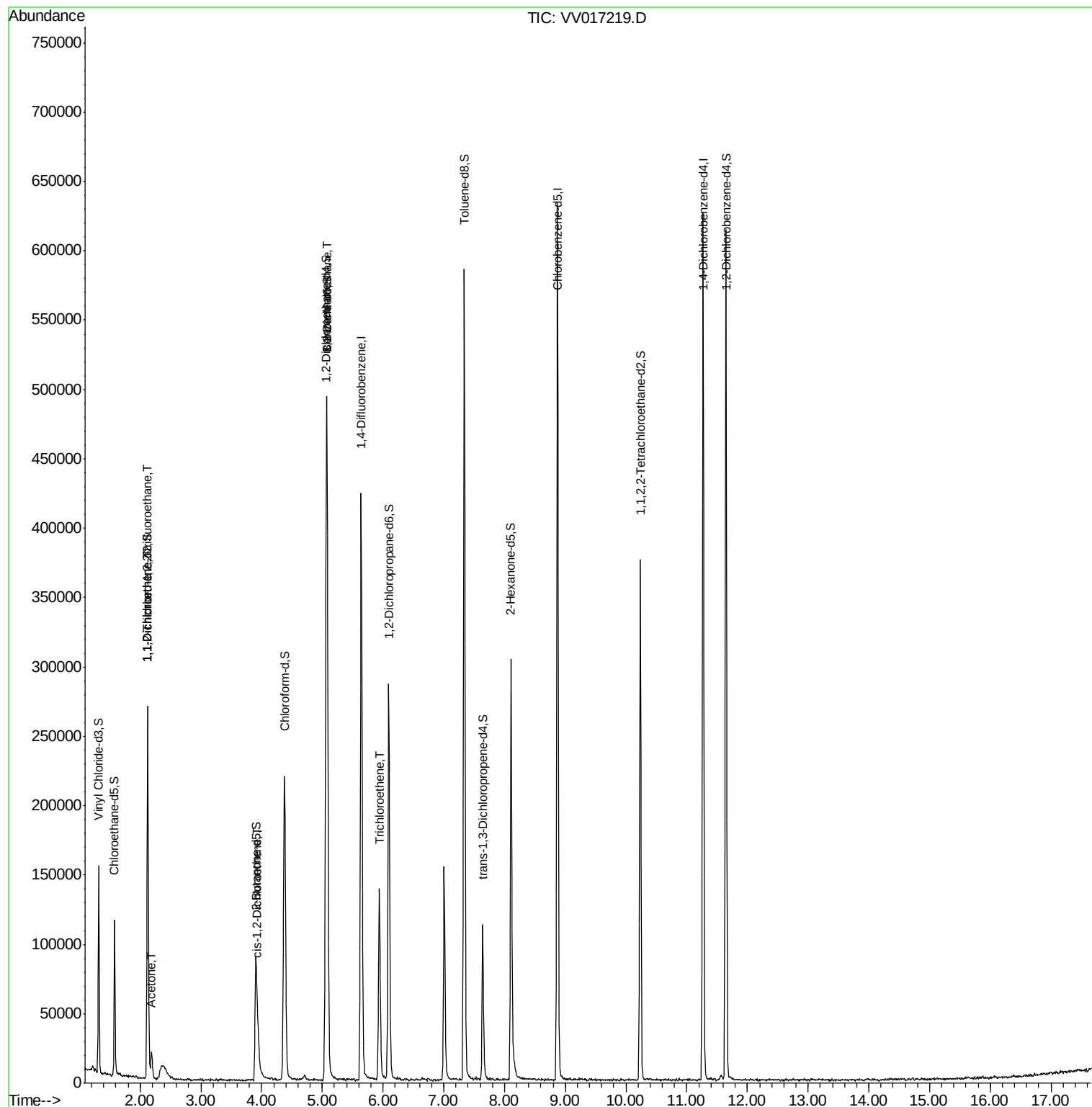
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1314	0.712	ug/L #	21
12) 1,1-Dichloroethene	2.13	96	1274	0.739	ug/L #	1
13) Acetone	2.19	43	23087	19.319	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	8547	3.336	ug/L	98
27) 1,2-Dichloroethane	5.08	62	3015	0.791	ug/L	95
34) Trichloroethene	5.94	95	44805	17.389	ug/L	100

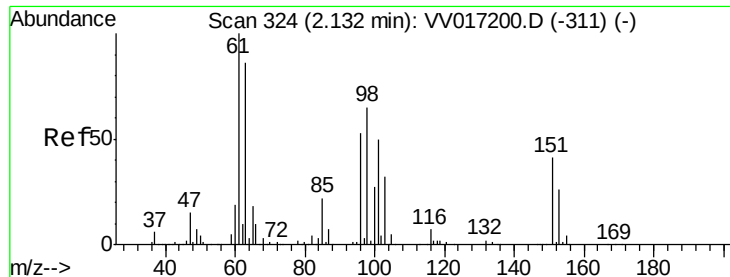
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.712 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017219.D

Acq: 27 Jun 2020 06:58

Instrument :

MSVOA_V

ClientSampled :

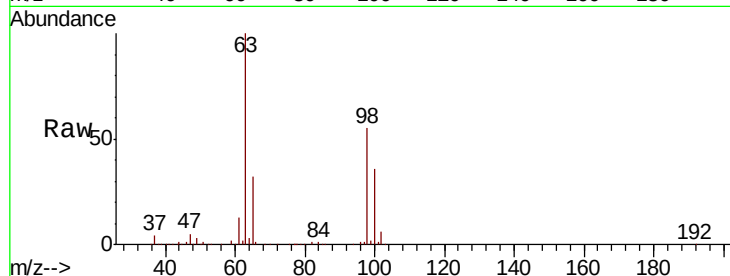
Tot Ion:101 Resp: 1314

Ion Ratio Lower Upper

101 100

85 7.2 35.5 53.3#

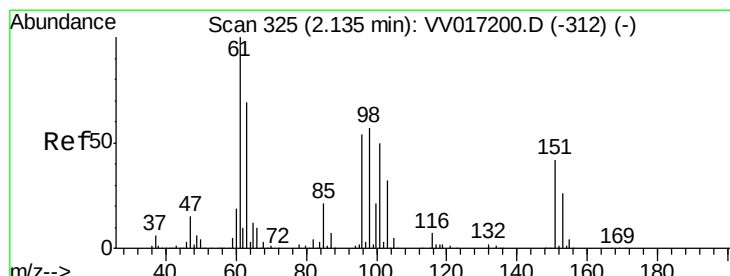
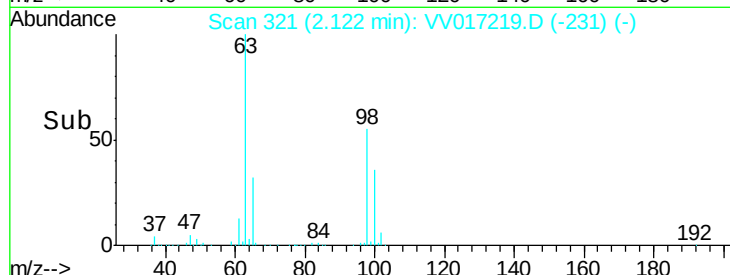
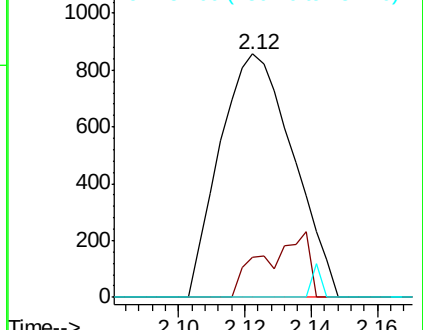
151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.739 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017219.D

Acq: 27 Jun 2020 06:58

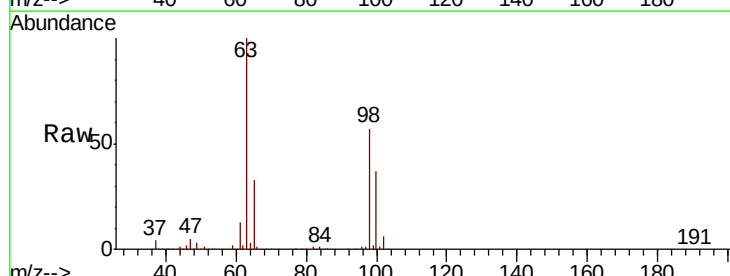
Tgt Ion: 96 Resp: 1274

Ion Ratio Lower Upper

96 100

61 1303.8 130.4 242.2#

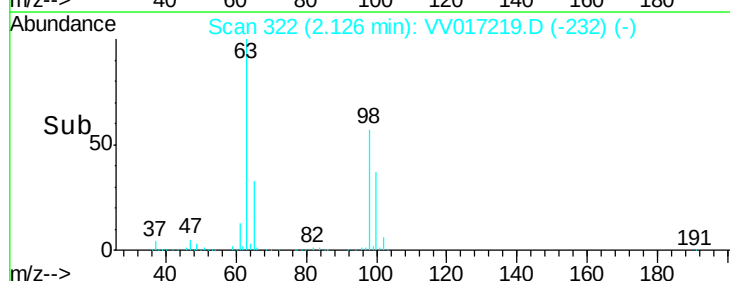
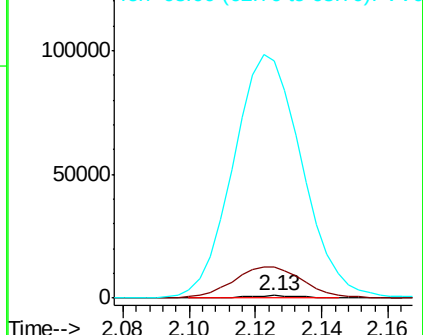
63 9937.3 103.3 191.9#

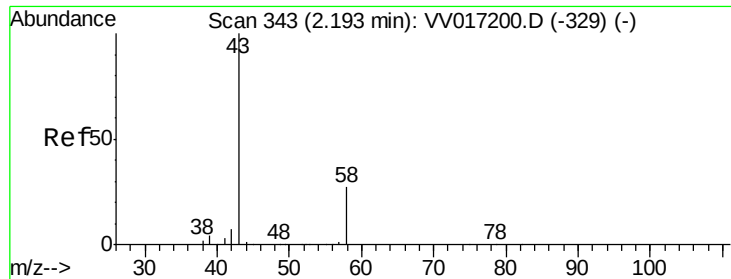


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 19.319 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV017219.D

Acq: 27 Jun 2020 06:58

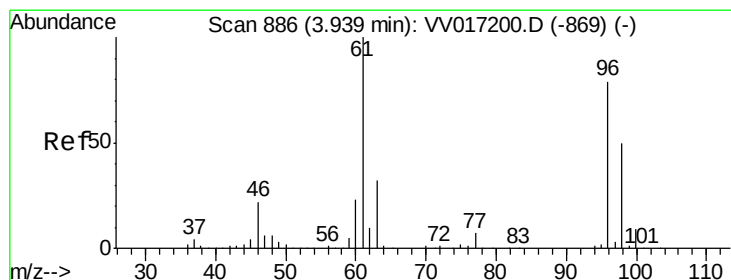
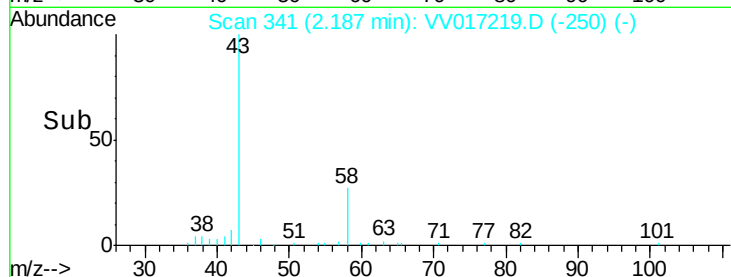
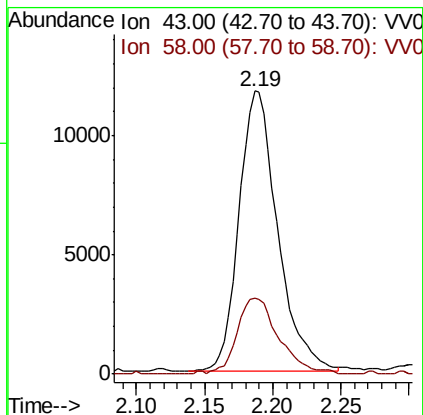
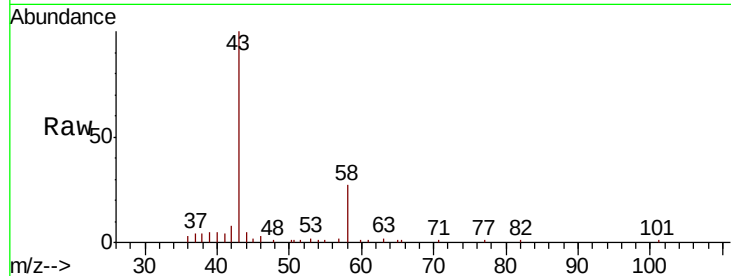
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 23087

Ion Ratio Lower Upper

43 100

58 28.8 0.0 55.2



#20

cis-1,2-Dichloroethene

Concen: 3.336 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV017219.D

Acq: 27 Jun 2020 06:58

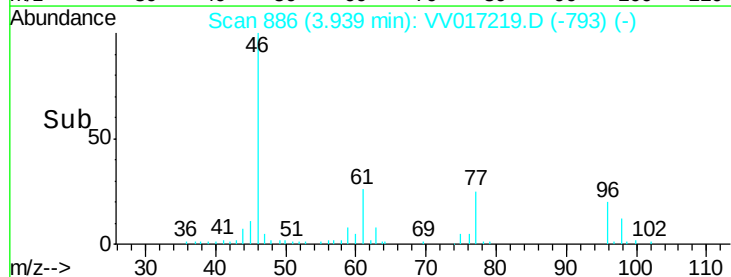
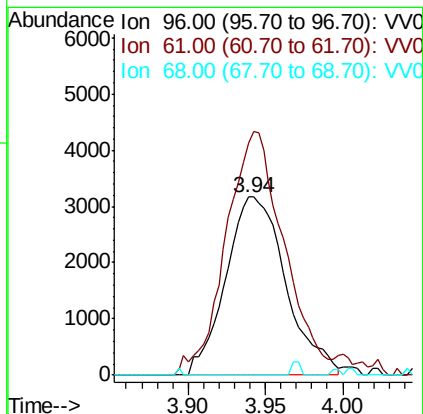
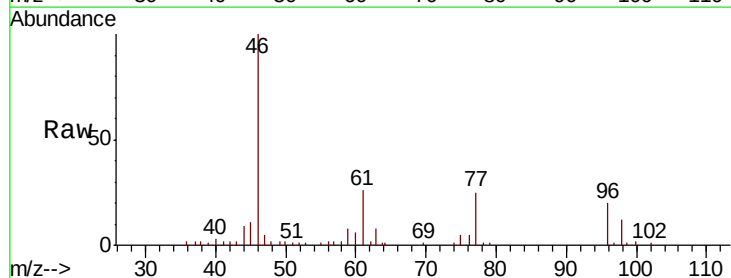
Tgt Ion: 96 Resp: 8547

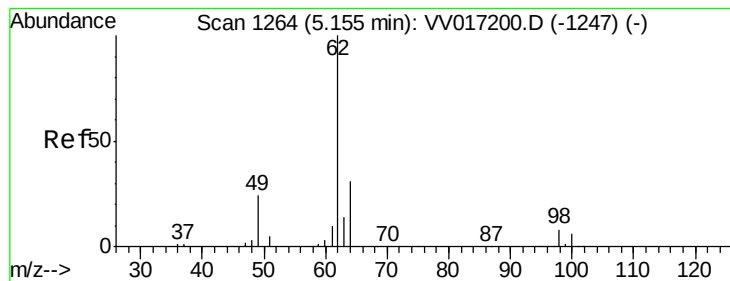
Ion Ratio Lower Upper

96 100

61 130.5 93.4 173.4

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.791 ug/L

RT: 5.08 min Scan# 1240

Delta R.T. -0.08 min

Lab File: VV017219.D

Acq: 27 Jun 2020 06:58

Instrument :

MSVOA_V

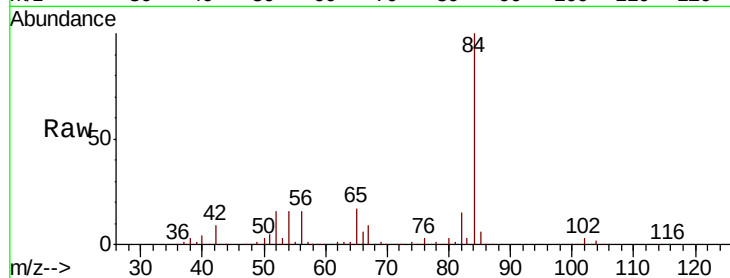
ClientSampleId :

Tot Ion: 62 Resp: 3015

Ion Ratio Lower Upper

62 100

98 7.6 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV017219.D (-1171) (-)

Ion 98.00 (97.70 to 98.70): VV017219.D (-1171) (-)

5.08

1500

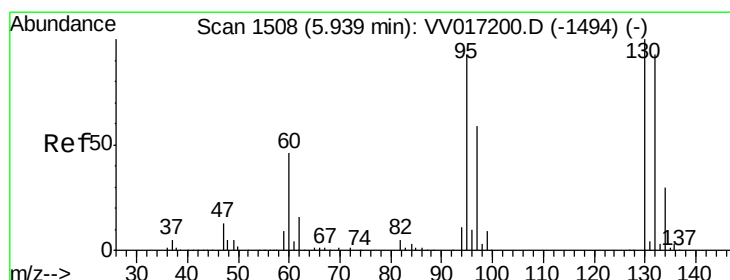
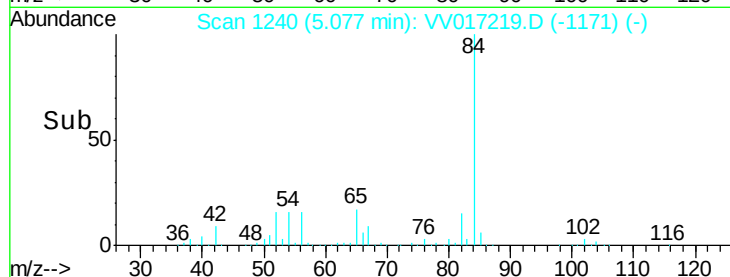
1000

500

0

5.05 5.10 5.15

Time-->



#34

Trichloroethene

Concen: 17.389 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VV017219.D

Acq: 27 Jun 2020 06:58

Tgt Ion: 95 Resp: 44805

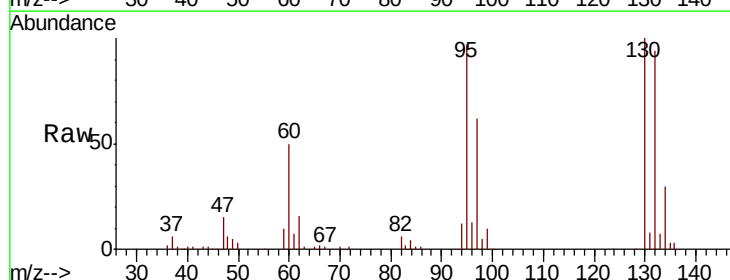
Ion Ratio Lower Upper

95 100

97 63.8 44.3 82.3

132 96.7 67.9 126.1

130 103.3 72.2 134.2



Abundance Ion 95.00 (94.70 to 95.70): VV017219.D (-1415) (-)

Ion 97.00 (96.70 to 97.70): VV017219.D (-1415) (-)

Ion 132.00 (131.70 to 132.70): VV017219.D (-1415) (-)

Ion 130.00 (129.70 to 130.70): VV017219.D (-1415) (-)

5.94

30000

20000

10000

0

5.90 5.95 6.00

Time-->

