

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017198.D
 Acq On : 26 Jun 2020 21:42
 Operator : SY/MD
 Sample : L3103-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 27 00:28:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 27 00:23:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	345402	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	326452	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152036	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95541	39.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.40%
7) Chloroethane-d5	1.58	69	67996	46.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.12	63	152027	37.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.30%
21) 2-Butanone-d5	3.91	46	148094	82.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.10%
24) Chloroform-d	4.38	84	218301	44.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.10%
26) 1,2-Dichloroethane-d4	5.06	65	158118	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.82%
32) Benzene-d6	5.07	84	412914	43.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.76%
36) 1,2-Dichloropropane-d6	6.09	67	123986	42.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.54%
41) Toluene-d8	7.34	98	371763	43.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.10%
43) trans-1,3-Dichloropropene-	7.64	79	62913	41.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.36%
47) 2-Hexanone-d5	8.11	63	98793	77.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.25%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	161959	41.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	154368	47.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.16%

Target Compounds

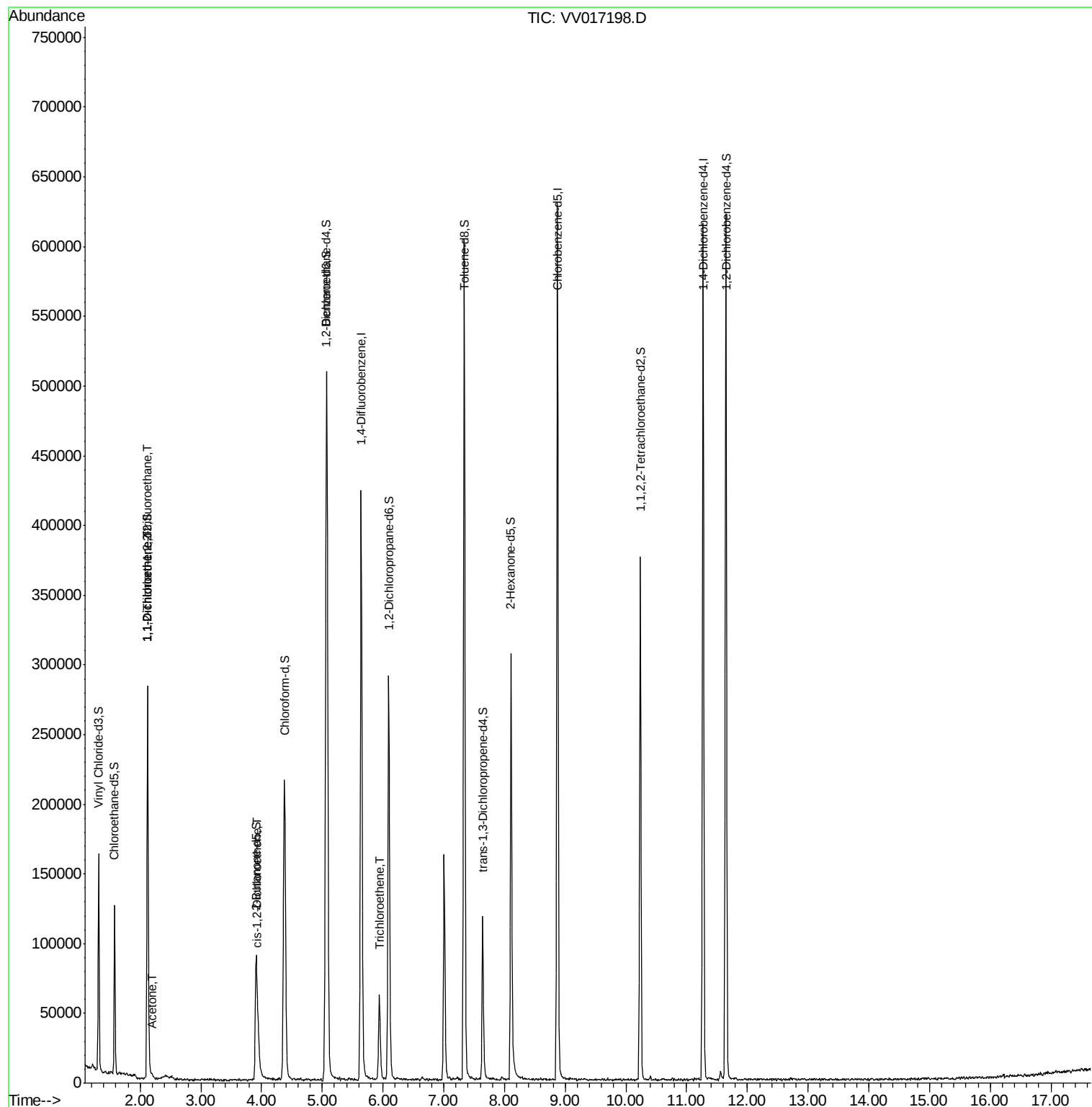
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1299	0.707 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1234	0.720 ug/L #	1
13) Acetone	2.19	43	3533	2.973 ug/L	93
20) cis-1,2-Dichloroethene	3.94	96	7812	3.066 ug/L	93
34) Trichloroethene	5.94	95	19302	7.451 ug/L	93

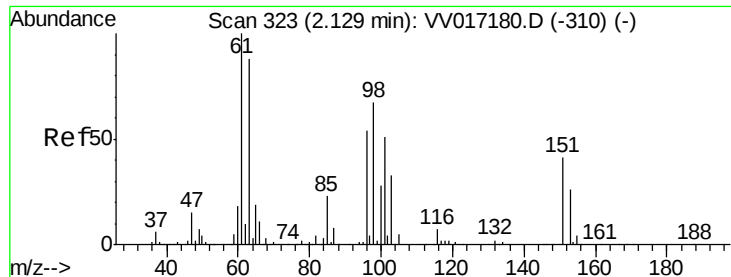
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.707 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017198.D

Acq: 26 Jun 2020 21:42

Instrument :

MSVOA_V

ClientSampleId :

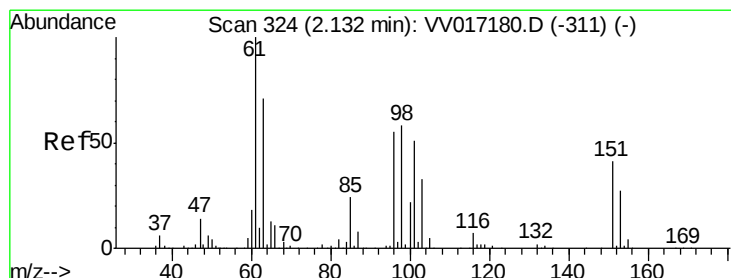
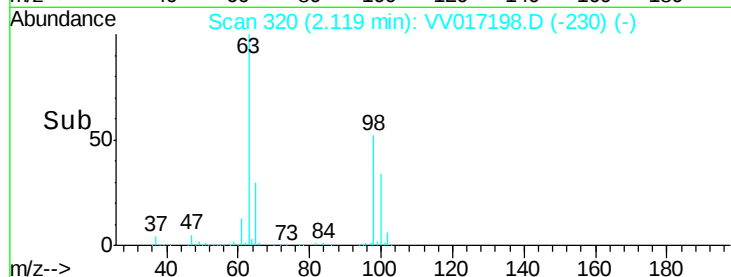
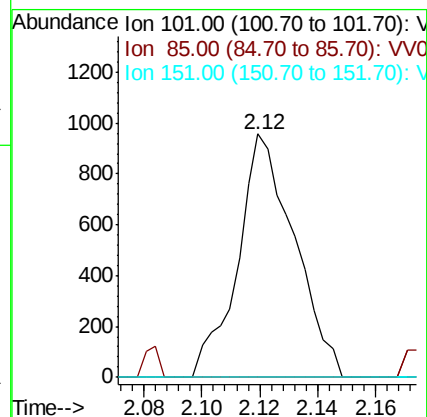
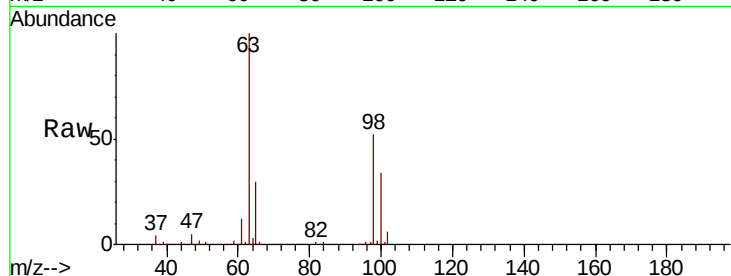
Tot Ion:101 Resp: 1299

Ion Ratio Lower Upper

101 100

85 3.4 35.5 53.3#

151 0.0 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 0.720 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017198.D

Acq: 26 Jun 2020 21:42

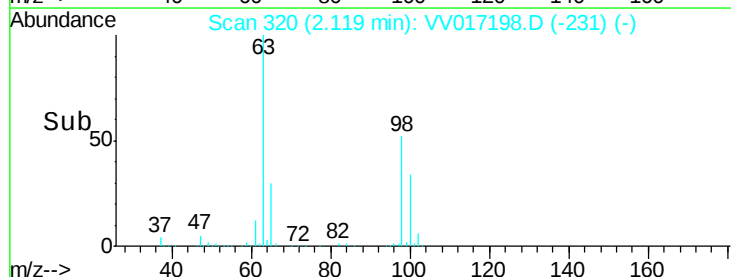
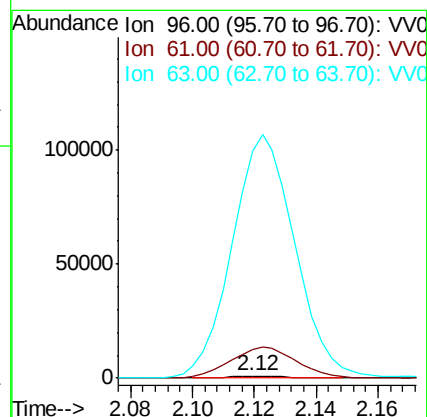
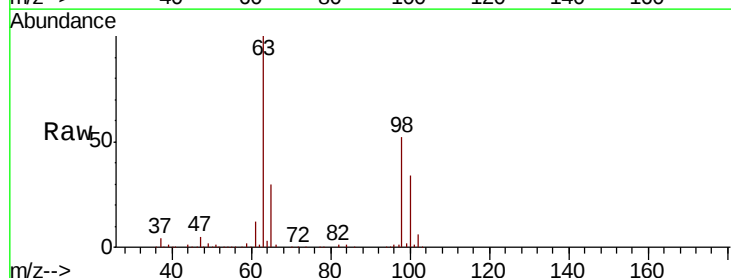
Tgt Ion: 96 Resp: 1234

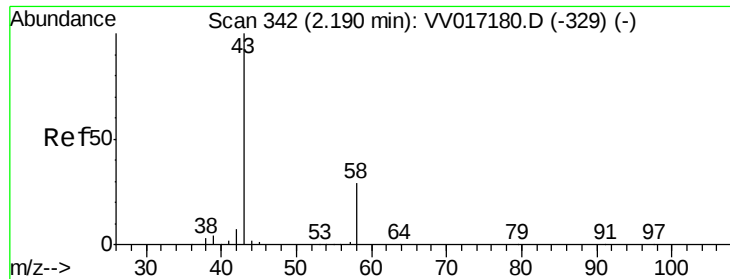
Ion Ratio Lower Upper

96 100

61 1415.6 130.4 242.2#

63 11327.1 103.3 191.9#





#13

Acetone

Concen: 2.973 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV017198.D

Acq: 26 Jun 2020 21:42

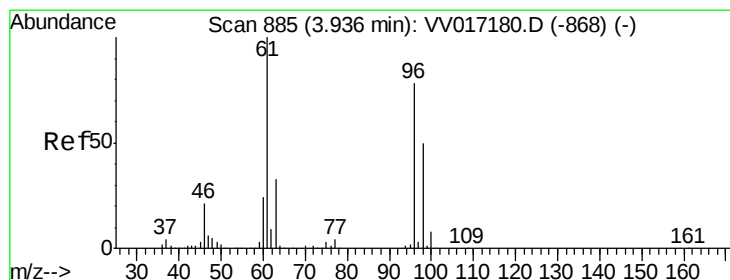
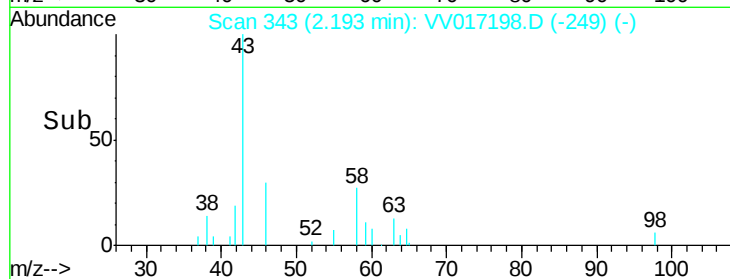
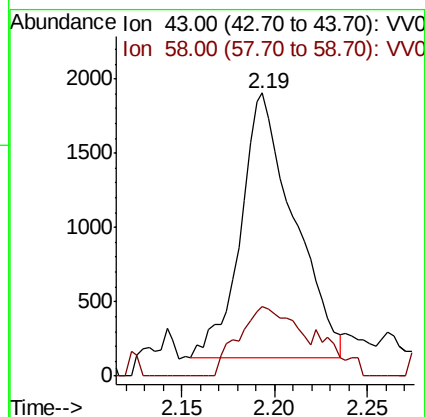
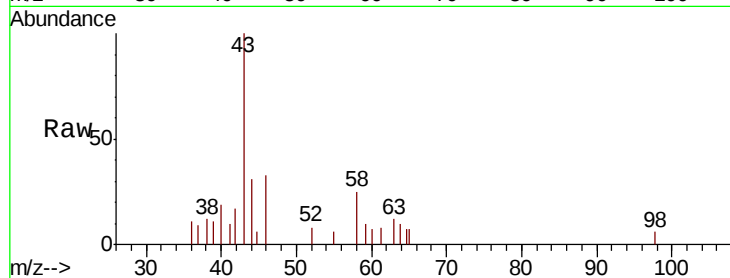
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 3533

Ion Ratio Lower Upper

43 100

58 24.1 0.0 55.2



#20

cis-1,2-Dichloroethene

Concen: 3.066 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017198.D

Acq: 26 Jun 2020 21:42

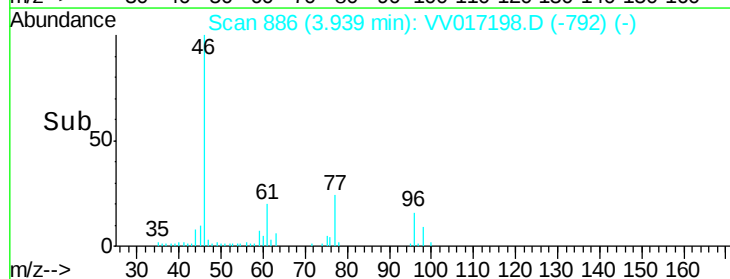
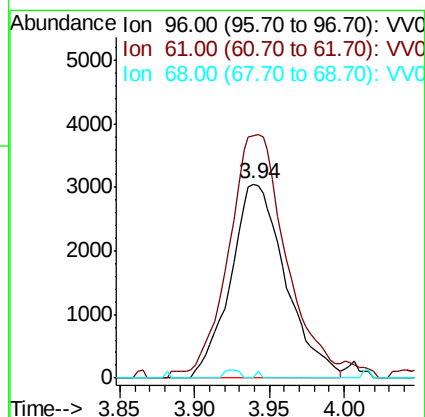
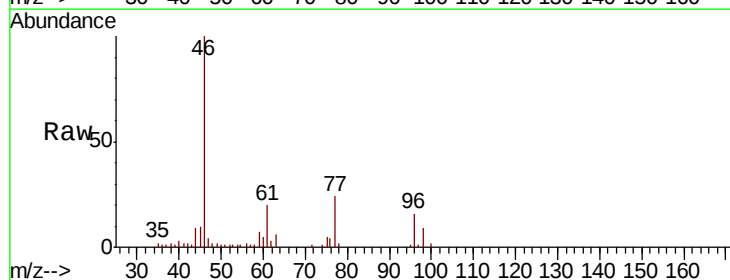
Tgt Ion: 96 Resp: 7812

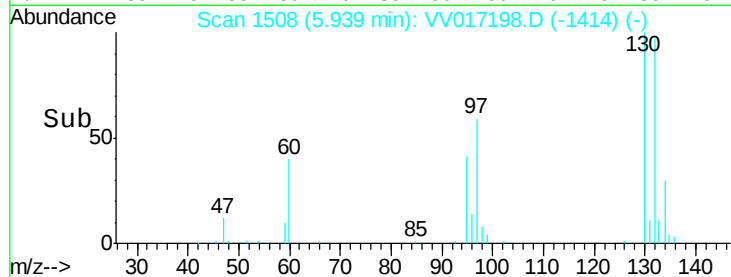
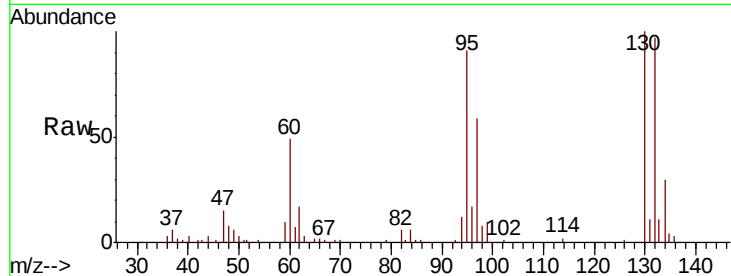
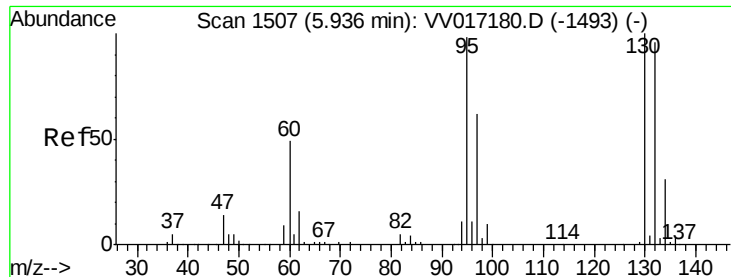
Ion Ratio Lower Upper

96 100

61 125.0 93.4 173.4

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 7.451 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017198.D

Acq: 26 Jun 2020 21:42

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 95 Resp: 19302

Ion Ratio Lower Upper

95 100

97 65.3 44.3 82.3

132 106.7 67.9 126.1

130 110.0 72.2 134.2

