

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017184.D
 Acq On : 26 Jun 2020 16:17
 Operator : SY/MD
 Sample : L3103-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 27 00:26:09 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	351991	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	335533	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	158645	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104483	42.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.14%
7) Chloroethane-d5	1.58	69	64924	43.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.12%
11) 1,1-Dichloroethene-d2	2.12	63	157055	37.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.32%
21) 2-Butanone-d5	3.90	46	152884	83.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.17%
24) Chloroform-d	4.38	84	224015	44.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.72%
26) 1,2-Dichloroethane-d4	5.06	65	162537	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.64%
32) Benzene-d6	5.08	84	425522	43.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.98%
36) 1,2-Dichloropropane-d6	6.09	67	127664	42.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.68%
41) Toluene-d8	7.34	98	386137	43.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.02%
43) trans-1,3-Dichloropropene-	7.64	79	64261	40.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.84%
47) 2-Hexanone-d5	8.11	63	102543	78.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.01%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	170438	42.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	160409	47.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.76%

Target Compounds

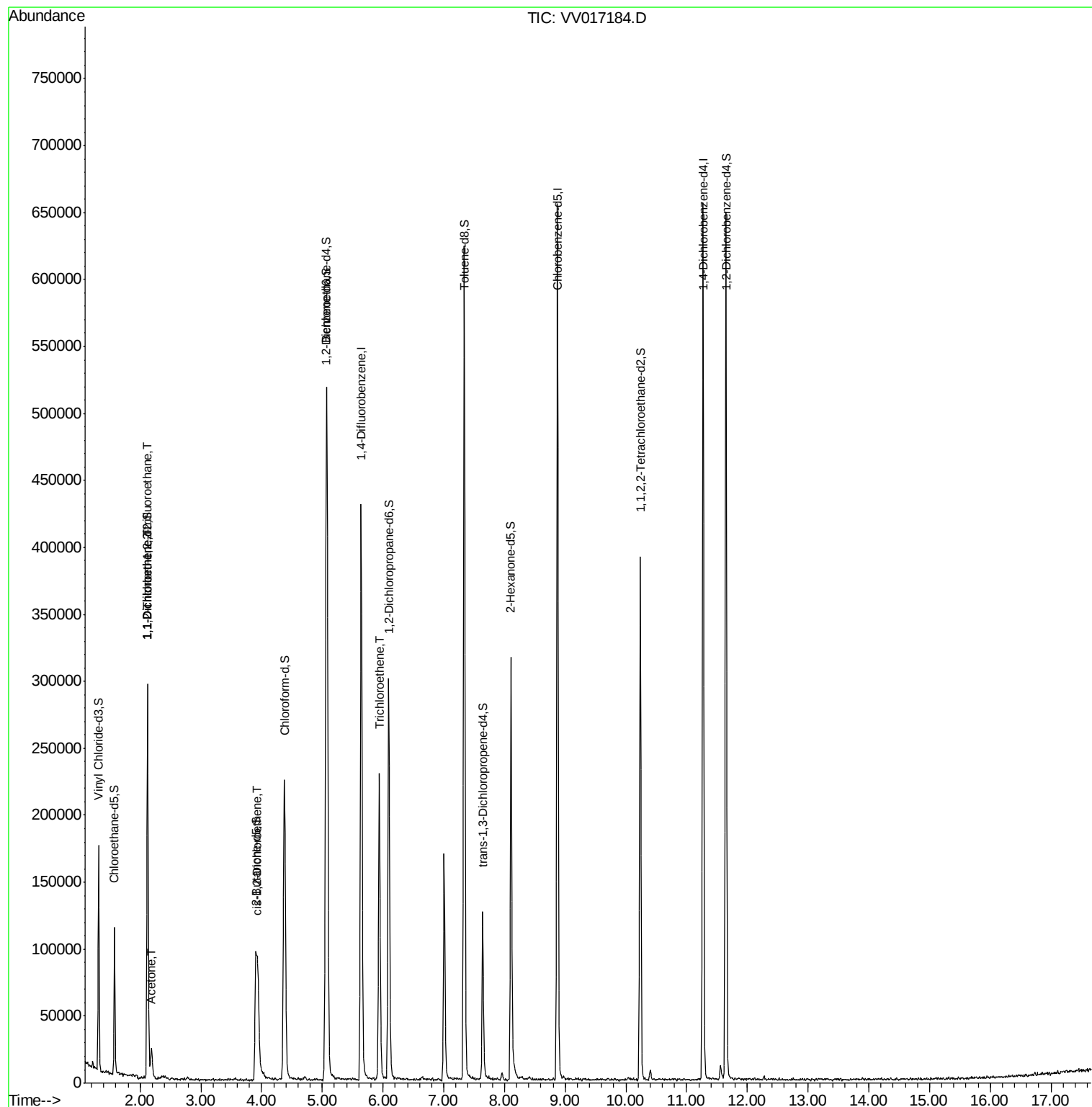
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1524	0.814 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1402	0.803 ug/L #	1
13) Acetone	2.19	43	27724	22.890 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	32576	12.545 ug/L	98
34) Trichloroethene	5.94	95	75676	28.423 ug/L	98

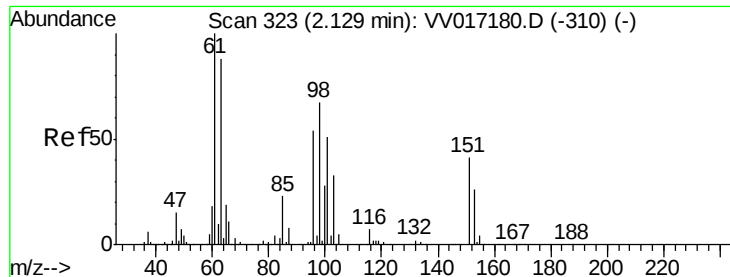
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 27 00:23:55 2020
Response via : Initial Calibration





#10

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

Concen: 0.814 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017184.D

Acq: 26 Jun 2020 16:17

Instrument :

MSVOA_V

ClientSampled :

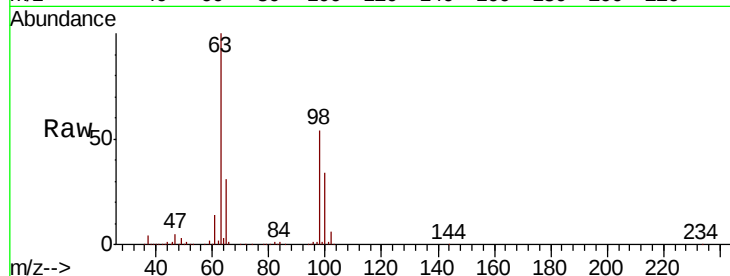
Tot Ion:101 Resp: 1524

Ion Ratio Lower Upper

101 100

85 2.8 35.5 53.3#

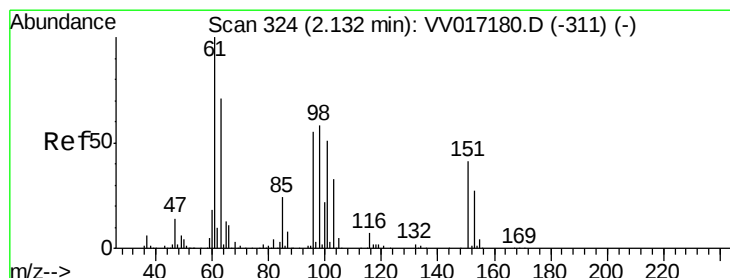
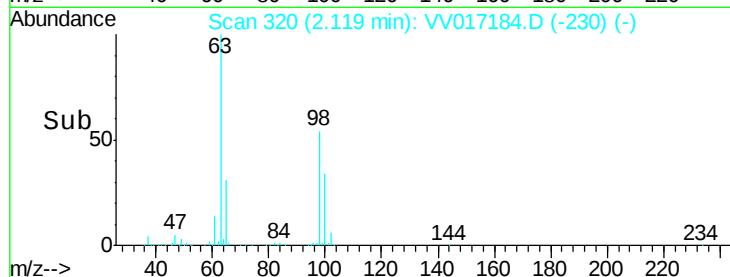
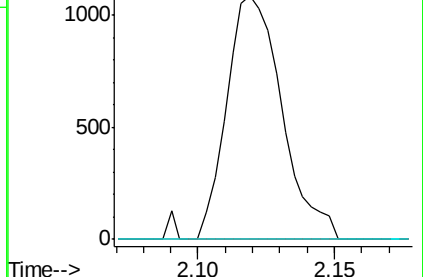
151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): VV017184.D (-310) (-)

Ion 85.00 (84.70 to 85.70): VV017184.D (-310) (-)

Ion 151.00 (150.70 to 151.70): VV017184.D (-310) (-)



#12

1,1-Dichloroethene

Concen: 0.803 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017184.D

Acq: 26 Jun 2020 16:17

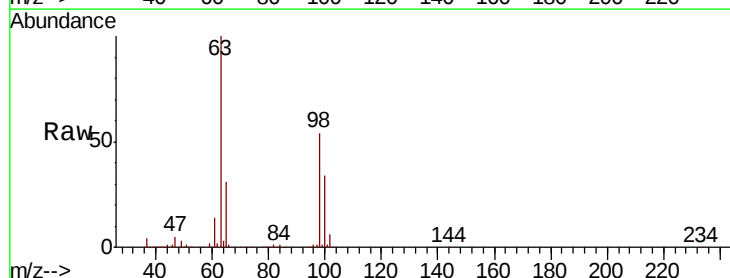
Tgt Ion: 96 Resp: 1402

Ion Ratio Lower Upper

96 100

61 1520.6 130.4 242.2#

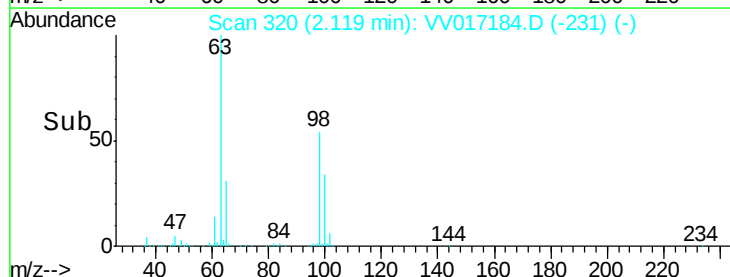
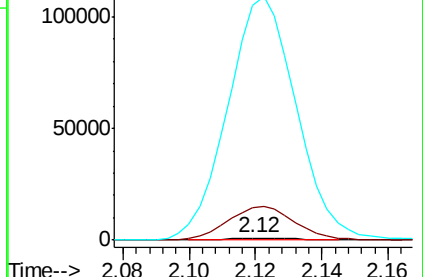
63 10968.4 103.3 191.9#

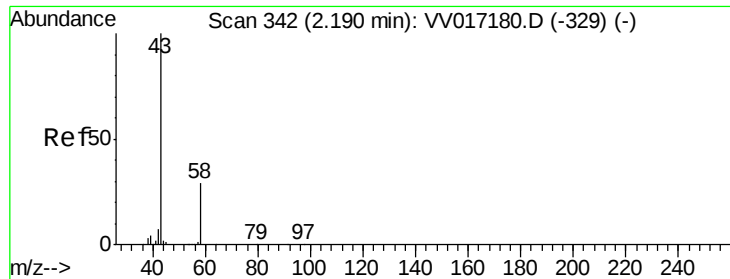


Abundance Ion 96.00 (95.70 to 96.70): VV017184.D (-311) (-)

Ion 61.00 (60.70 to 61.70): VV017184.D (-311) (-)

Ion 63.00 (62.70 to 63.70): VV017184.D (-311) (-)





#13

Acetone

Concen: 22.890 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV017184.D

Acq: 26 Jun 2020 16:17

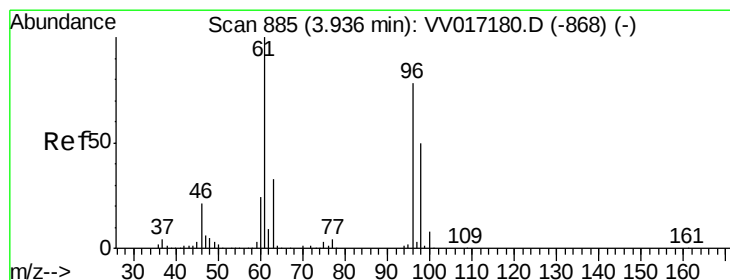
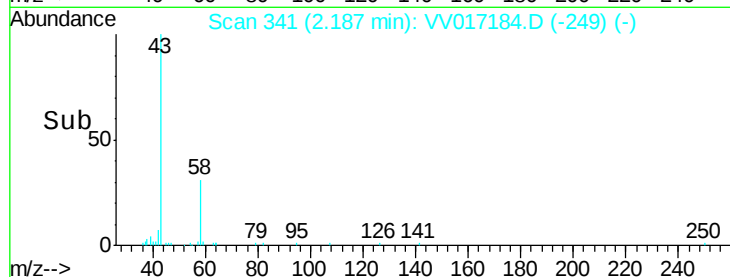
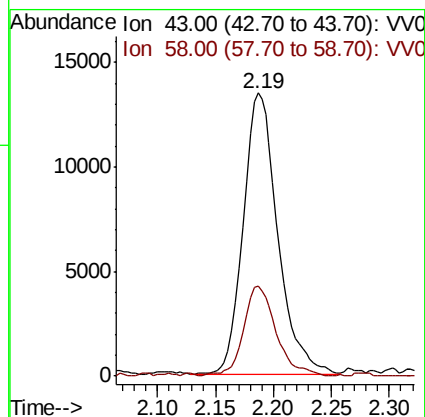
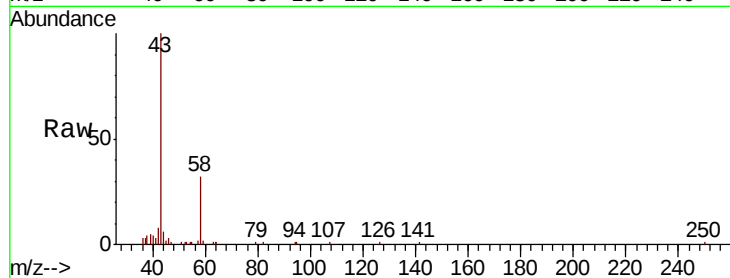
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 27724

Ion Ratio Lower Upper

43 100

58 27.3 0.0 55.2



#20

cis-1,2-Dichloroethene

Concen: 12.545 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV017184.D

Acq: 26 Jun 2020 16:17

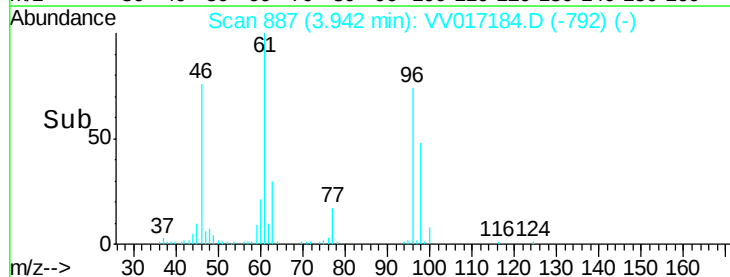
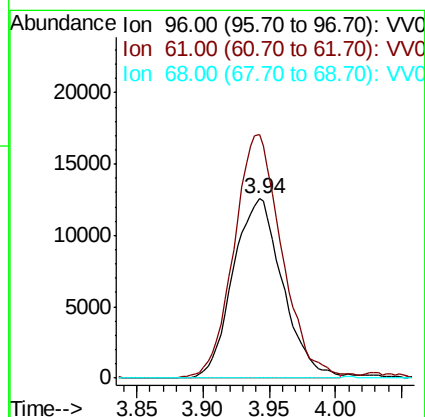
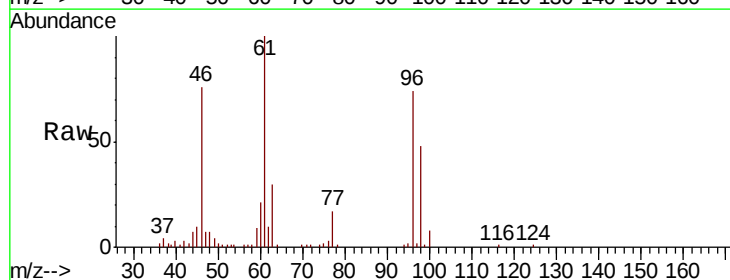
Tgt Ion: 96 Resp: 32576

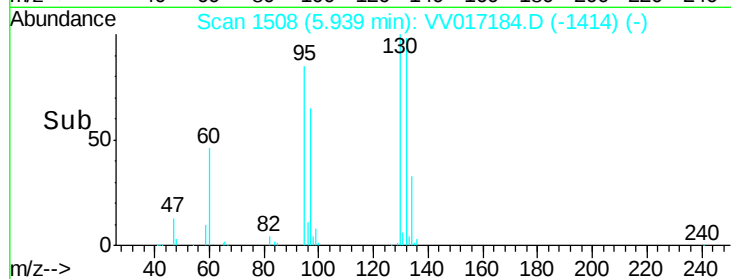
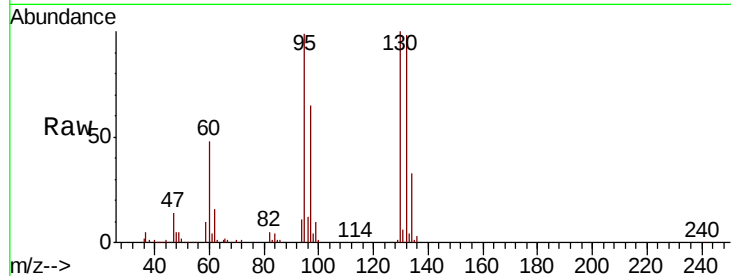
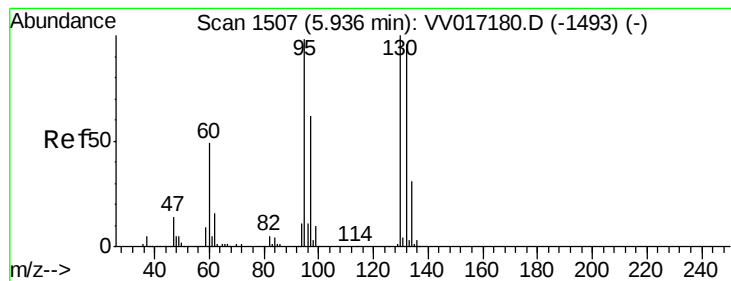
Ion Ratio Lower Upper

96 100

61 135.9 93.4 173.4

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 28.423 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017184.D

Acq: 26 Jun 2020 16:17

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 95 Resp: 75676

Ion Ratio Lower Upper

95 100

97 65.0 44.3 82.3

132 98.6 67.9 126.1

130 100.8 72.2 134.2

