

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082820\
 Data File : VV018132.D
 Acq On : 28 Aug 2020 12:26
 Operator : SY/MD
 Sample : L3800-19DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3G6DL

Quant Time: Aug 29 01:17:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 29 00:38:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	266511	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	266217	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	128602	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84465	41.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.08%
7) Chloroethane-d5	1.58	69	77604	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.30%
11) 1,1-Dichloroethene-d2	2.12	63	132126	33.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.94%
21) 2-Butanone-d5	3.91	46	126273	94.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.81%
24) Chloroform-d	4.38	84	171494	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.66%
26) 1,2-Dichloroethane-d4	5.06	65	117845	49.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.04%
32) Benzene-d6	5.08	84	342935	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.48%
36) 1,2-Dichloropropane-d6	6.09	67	113804	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.90%
41) Toluene-d8	7.34	98	298066	45.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.36%
43) trans-1,3-Dichloropropene-	7.64	79	52827	48.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.12%
47) 2-Hexanone-d5	8.11	63	66529	86.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.43%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	140467	44.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	130942	51.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.48%

Target Compounds

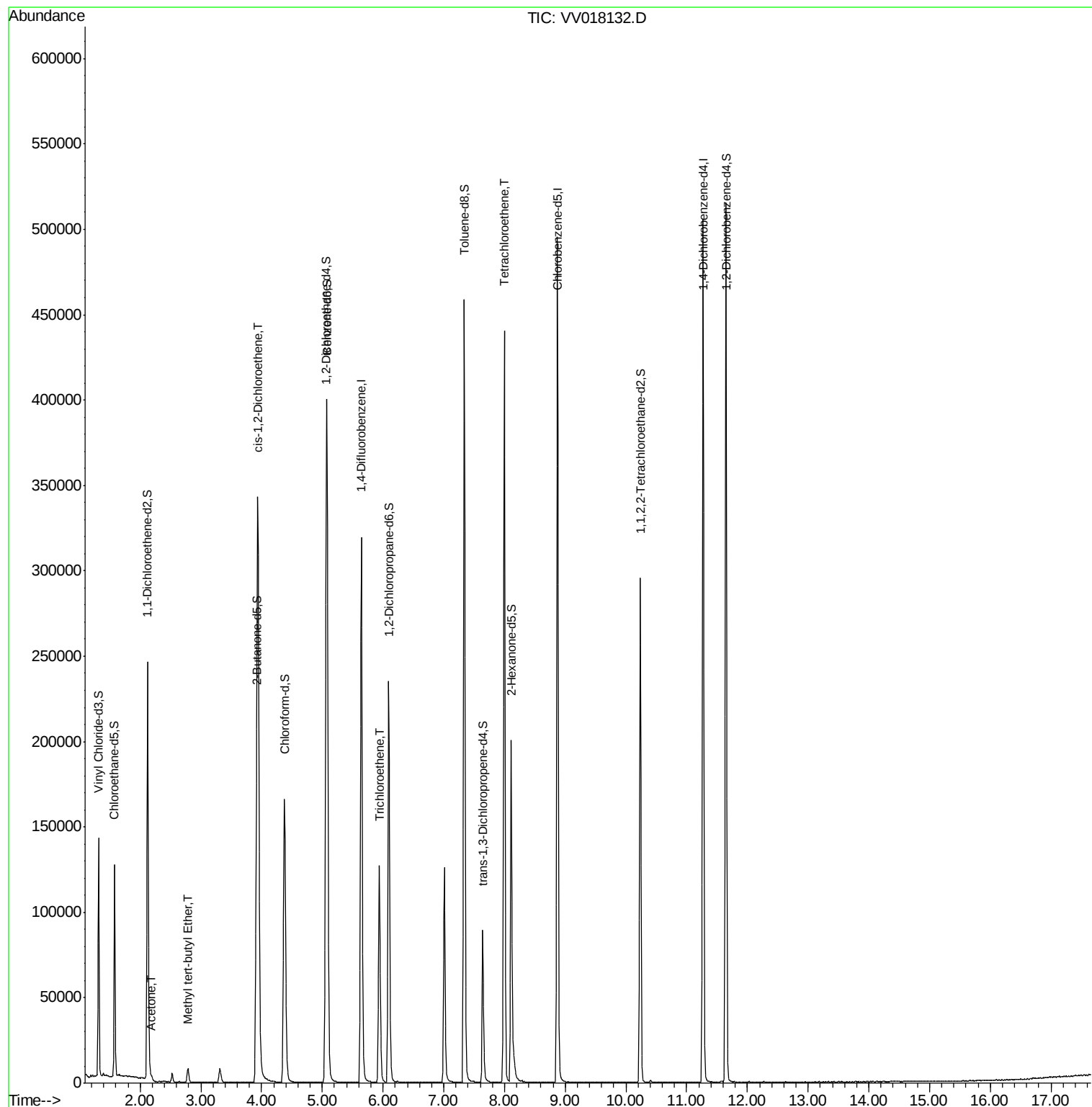
					Ovalue
13) Acetone	2.19	43	2940	2.137 ug/L	98
18) Methyl tert-butyl Ether	2.79	73	6085	1.001 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	173790	86.058 ug/L	97
34) Trichloroethene	5.94	95	42639	19.585 ug/L	96
46) Tetrachloroethene	8.00	164	98448	61.658 ug/L	98

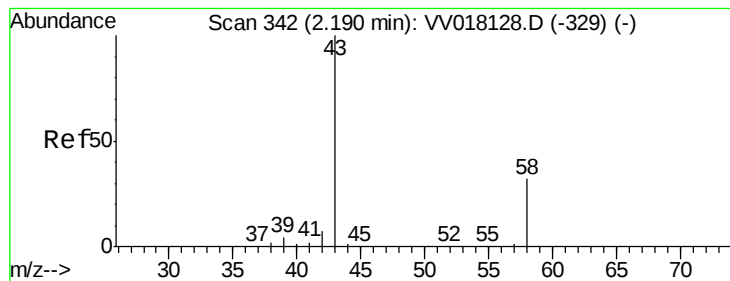
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.137 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV018132.D

Acq: 28 Aug 2020 12:26

Instrument :

MSVOA_V

ClientSampleId :

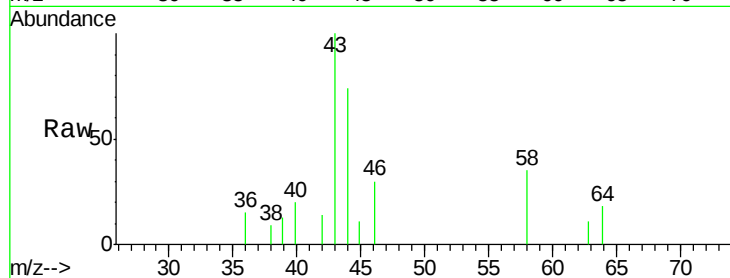
BG3G6DL

Tot Ion: 43 Resp: 2940

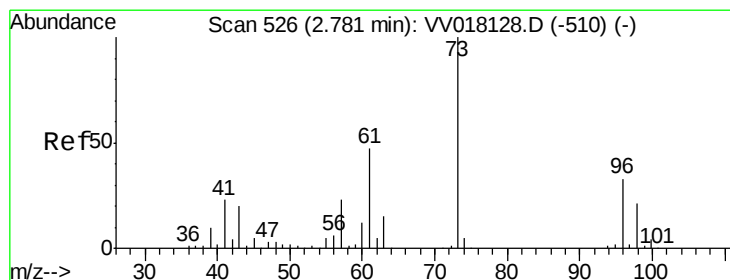
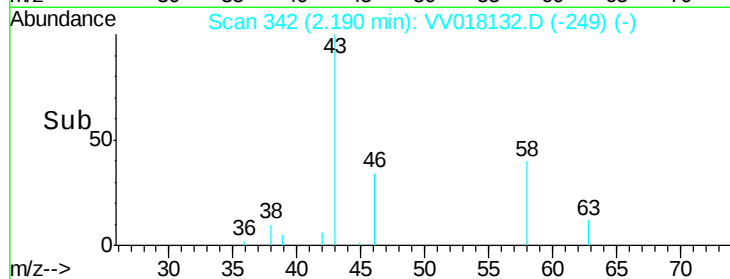
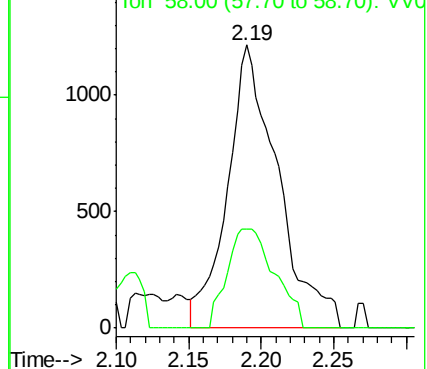
Ion Ratio Lower Upper

43 100

58 32.9 0.0 63.6



Abundance Ion 43.00 (42.70 to 43.70): VV018132.D (-249) (-)



#18

Methyl tert-butyl Ether

Concen: 1.001 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.01 min

Lab File: VV018132.D

Acq: 28 Aug 2020 12:26

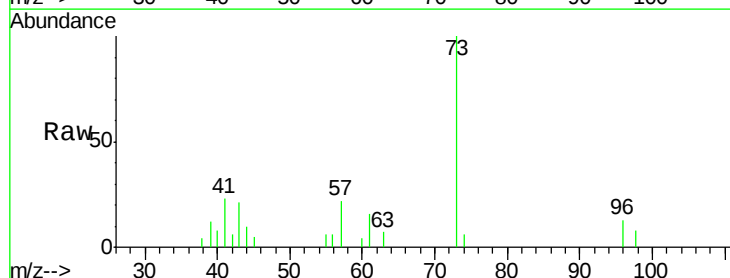
Tgt Ion: 73 Resp: 6085

Ion Ratio Lower Upper

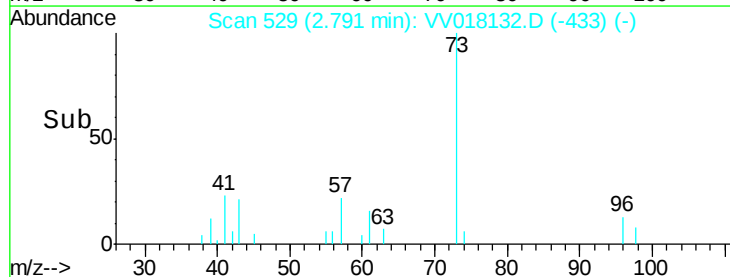
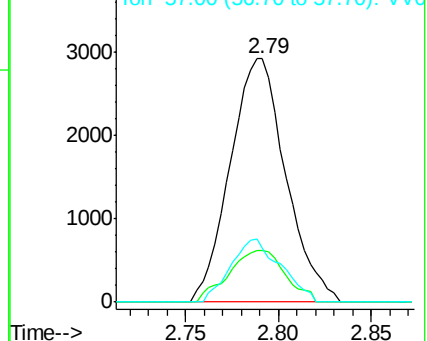
73 100

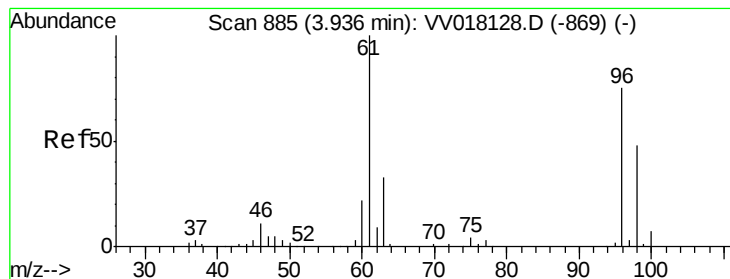
43 21.4 15.9 23.9

57 23.3 18.1 27.1



Abundance Ion 73.00 (72.70 to 73.70): VV018132.D (-433) (-)



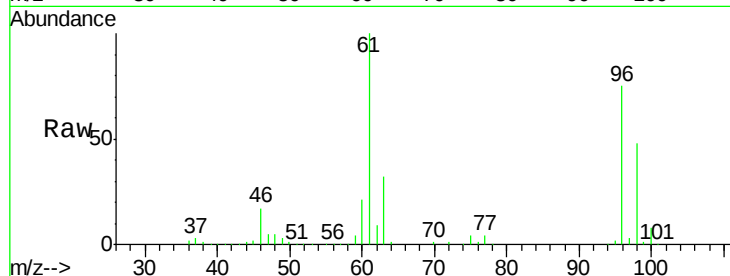


#20

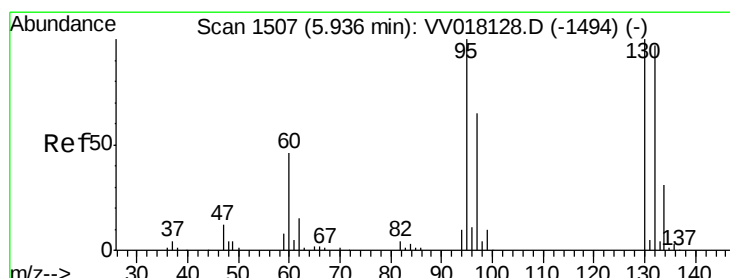
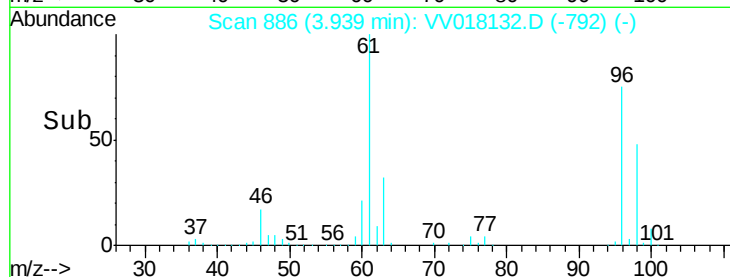
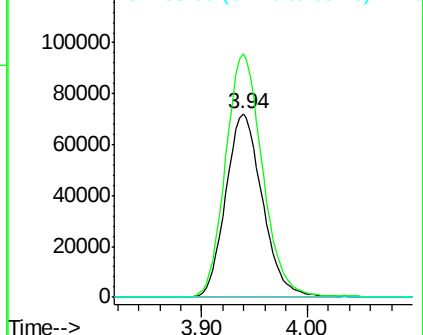
cis-1,2-Dichloroethene
Concen: 86.058 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV018132.D
Acq: 28 Aug 2020 12:26

Instrument :
MSVOA_V
ClientSampleId :
BG3G6DL

Tot Ion: 96 Resp: 173790
Ion Ratio Lower Upper
96 100
61 132.6 95.0 176.4
68 0.0 0.0 0.0



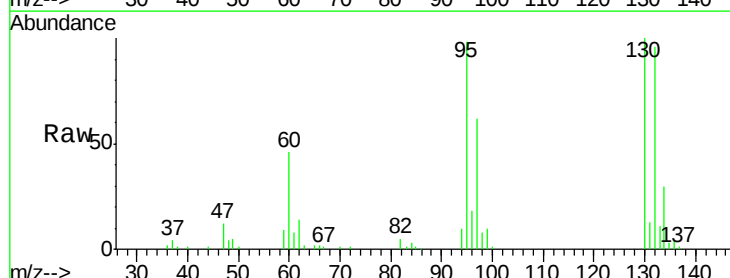
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



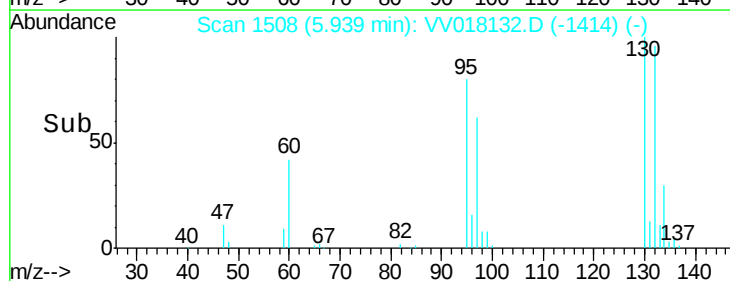
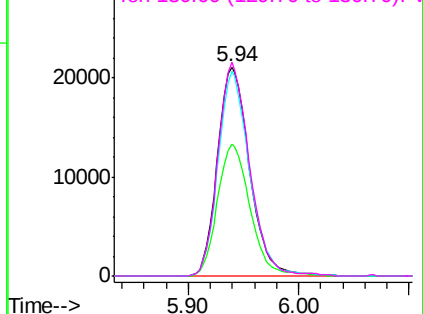
#34

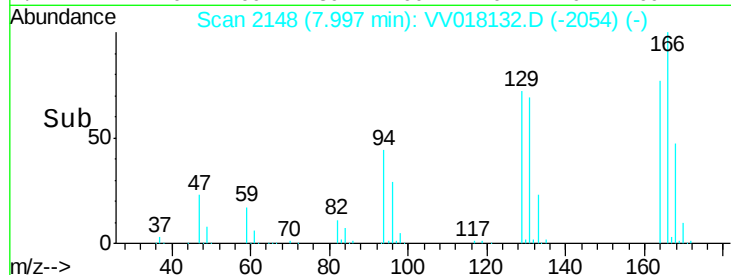
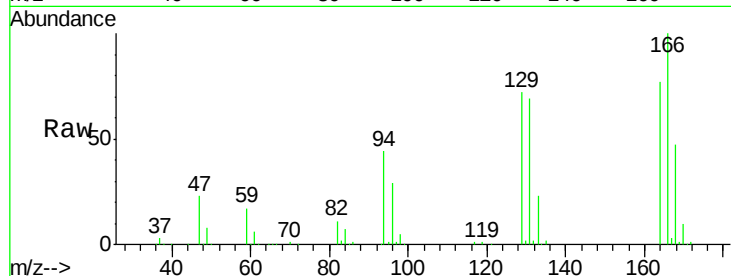
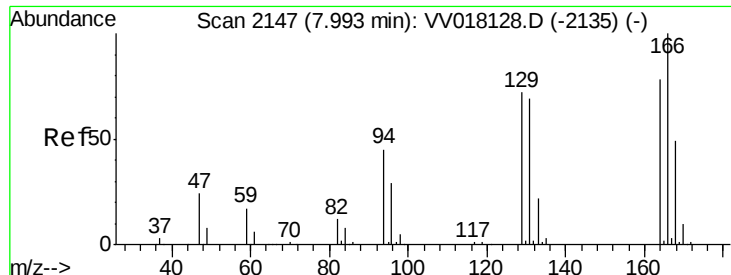
Trichloroethene
Concen: 19.585 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV018132.D
Acq: 28 Aug 2020 12:26

Tgt Ion: 95 Resp: 42639
Ion Ratio Lower Upper
95 100
97 63.0 46.0 85.4
132 98.0 65.8 122.2
130 102.0 69.2 128.6



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 97.00 (96.70 to 97.70): VV0
Ion 132.00 (131.70 to 132.70): VV0
Ion 130.00 (129.70 to 130.70): VV0





#46

Tetrachloroethene

Concen: 61.658 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018132.D

Acq: 28 Aug 2020 12:26

Instrument :
MSVOA_V
ClientSampleId :
BG3G6DL

Tot Ion:164 Resp: 98448

Ion Ratio Lower Upper

164 100

129 93.2 64.8 120.3

131 89.6 64.5 119.9

166 129.9 88.9 165.1

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

