

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017941.D
 Acq On : 12 Aug 2020 21:50
 Operator : SY/MD
 Sample : L3644-01DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L61DL

Quant Time: Aug 13 06:09:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 05:58:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	165824	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	164818	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	72806	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	121525	96.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	192.10%#
7) Chloroethane-d5	1.58	69	105067	101.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	203.00%#
11) 1,1-Dichloroethene-d2	2.12	63	183768	75.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	151.86%#
21) 2-Butanone-d5	3.91	46	174328	210.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	210.37%#
24) Chloroform-d	4.38	84	228215	99.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	198.18%#
26) 1,2-Dichloroethane-d4	5.06	65	158956	106.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	212.52%#
32) Benzene-d6	5.07	84	461933	101.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	203.40%#
36) 1,2-Dichloropropane-d6	6.09	67	152090	102.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	204.84%#
41) Toluene-d8	7.34	98	409114	100.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	200.30%#
43) trans-1,3-Dichloropropene-	7.64	79	65544	97.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	194.62%#
47) 2-Hexanone-d5	8.11	63	89312	187.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	187.42%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	184024	95.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	190.32%#
64) 1,2-Dichlorobenzene-d4	11.65	152	160443	111.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	223.94%#

Target Compounds

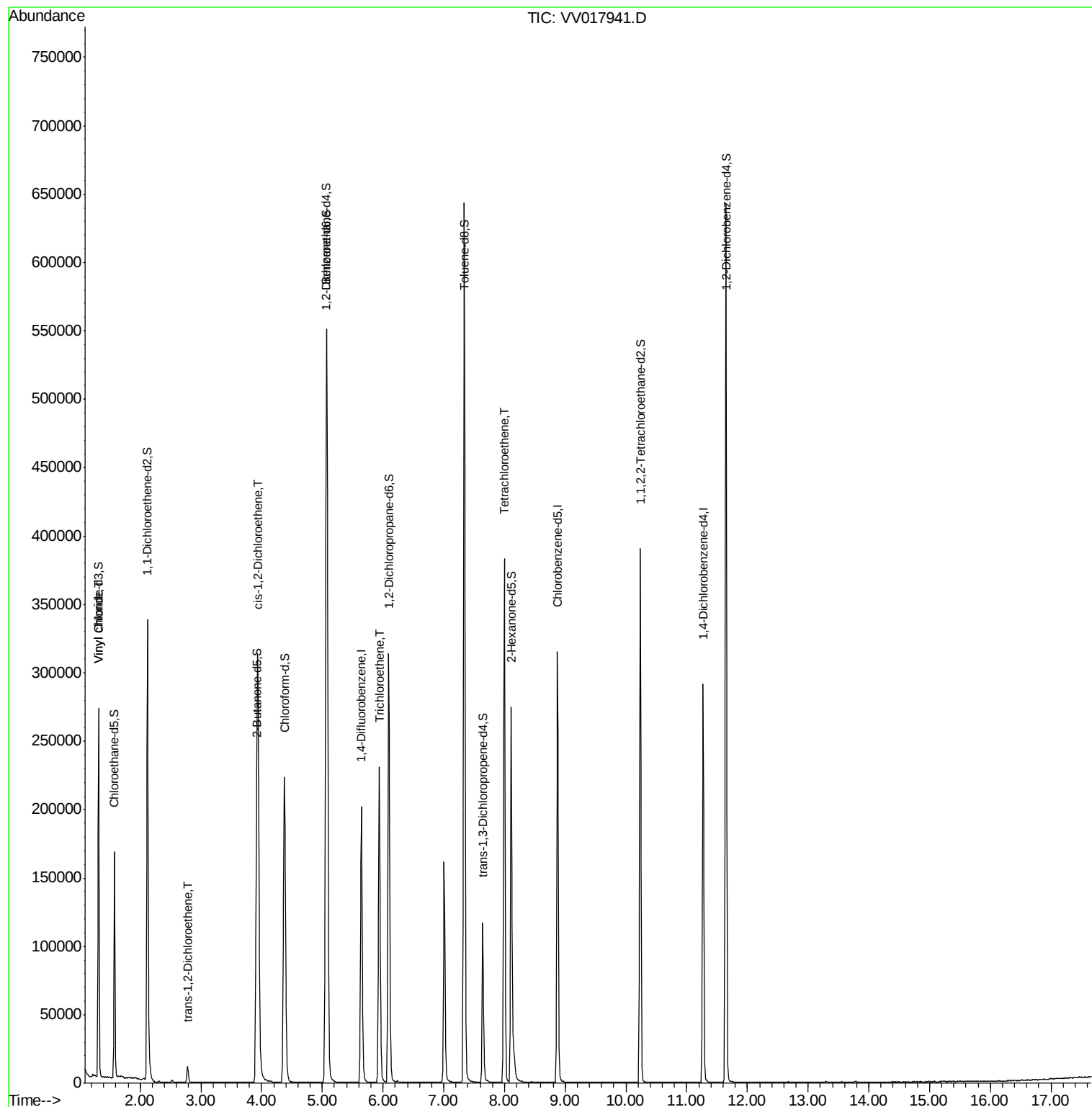
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	52769	35.813	ug/L	95
17) trans-1,2-Dichloroethene	2.78	96	4490	3.927	ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	147832	117.652	ug/L	100
34) Trichloroethene	5.94	95	78061	57.914	ug/L	99
46) Tetrachloroethene	8.00	164	84239	85.218	ug/L	98

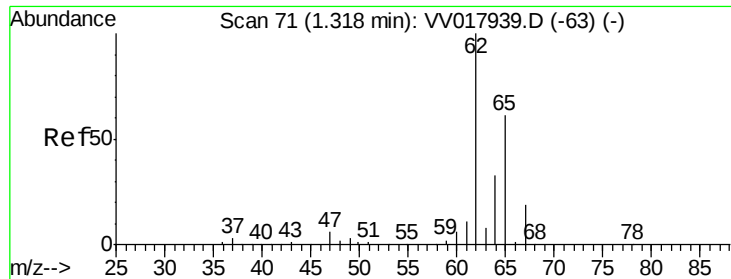
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 13 05:58:58 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 35.813 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017941.D

Acq: 12 Aug 2020 21:50

Instrument :

MSVOA_V

ClientSampled :

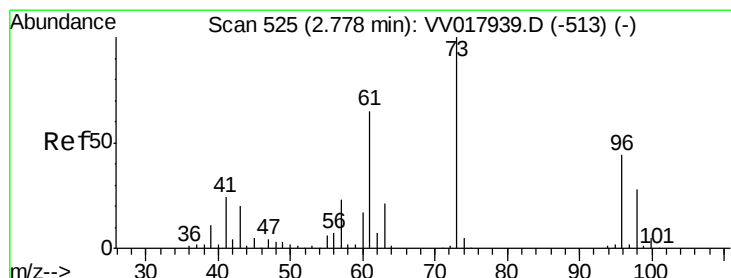
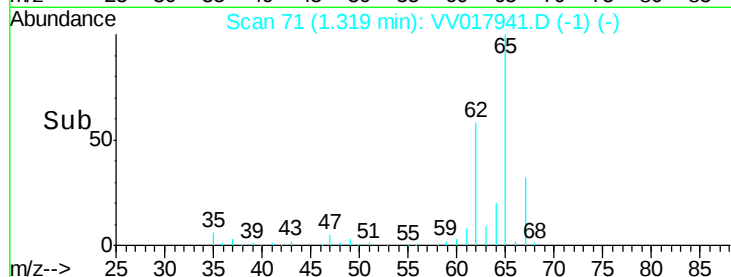
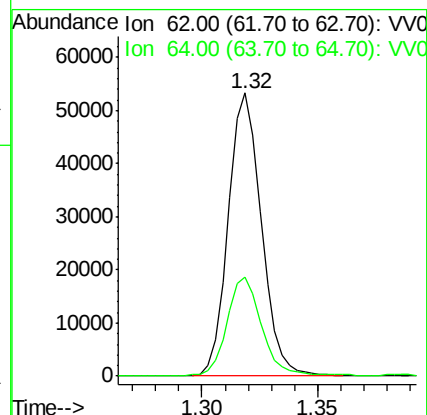
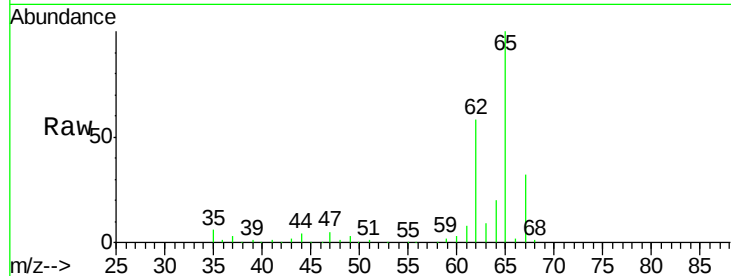
F2L61DL

Tot Ion: 62 Resp: 52769

Ion Ratio Lower Upper

62 100

64 35.1 22.4 41.6



#17

trans-1,2-Dichloroethene

Concen: 3.927 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV017941.D

Acq: 12 Aug 2020 21:50

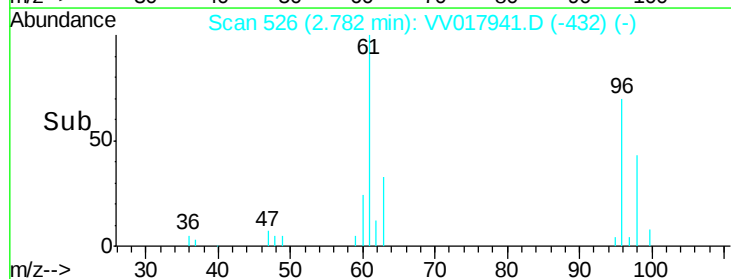
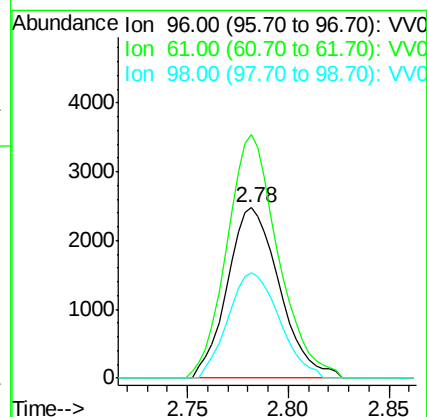
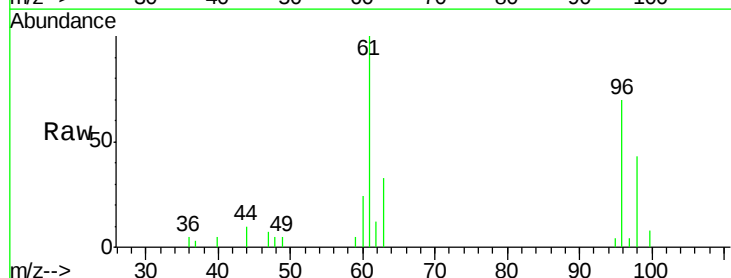
Tgt Ion: 96 Resp: 4490

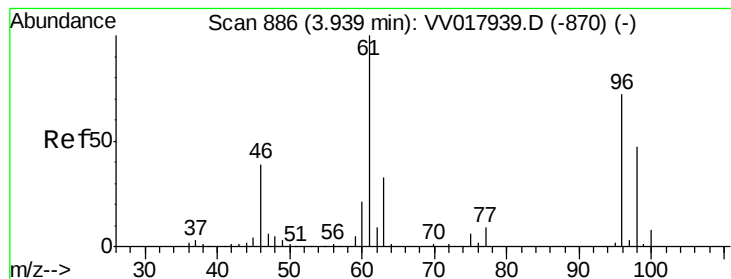
Ion Ratio Lower Upper

96 100

61 142.9 102.4 190.2

98 61.8 44.4 82.5



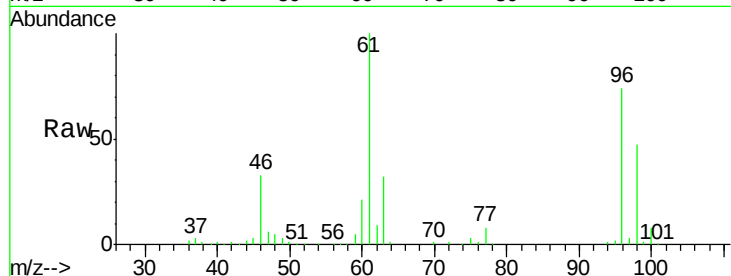


#20

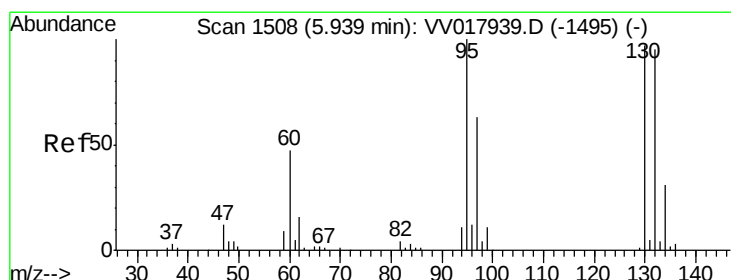
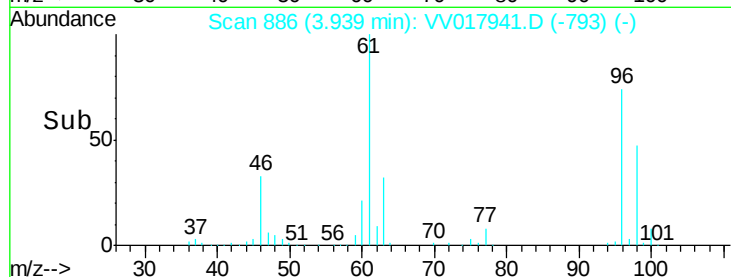
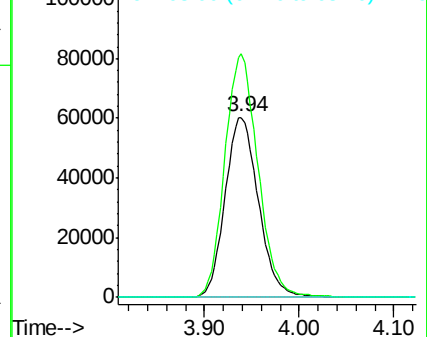
cis-1,2-Dichloroethene
Concen: 117.652 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017941.D
Acq: 12 Aug 2020 21:50

Instrument :
MSVOA_V
ClientSampled :
F2L61DL

Tot Ion: 96 Resp: 147832
Ion Ratio Lower Upper
96 100
61 135.3 95.0 176.4
68 0.0 0.0 0.0



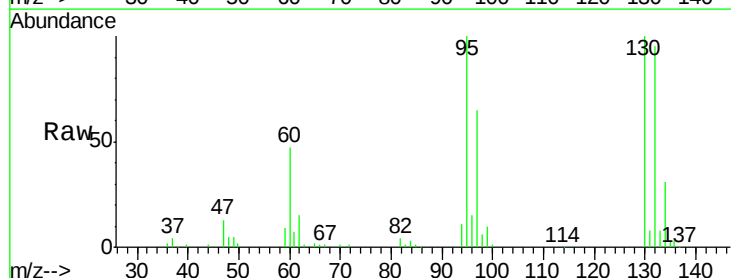
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



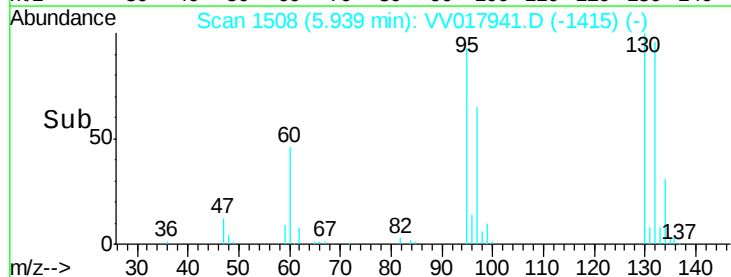
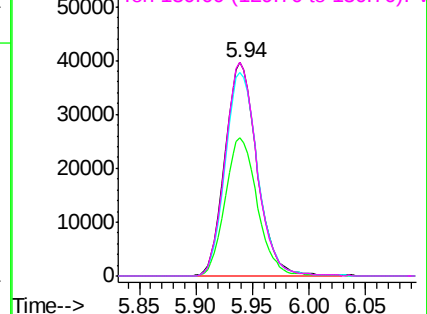
#34

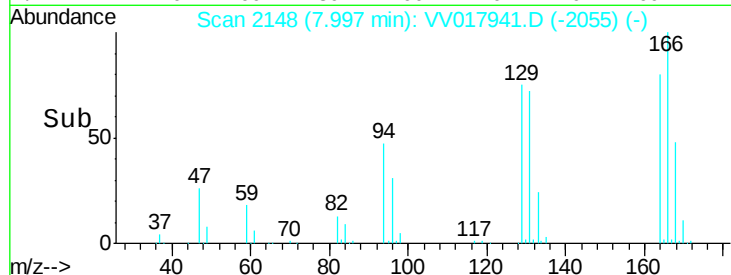
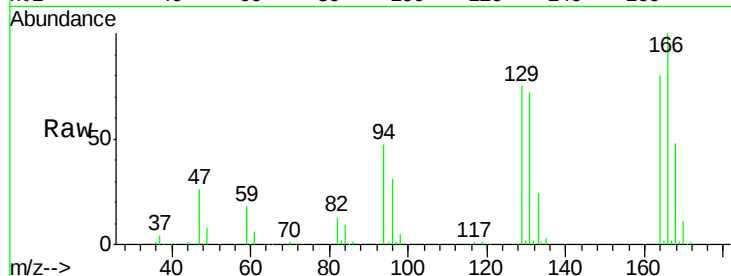
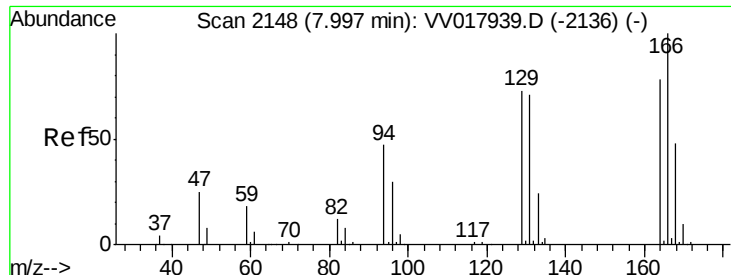
Trichloroethene
Concen: 57.914 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV017941.D
Acq: 12 Aug 2020 21:50

Tgt Ion: 95 Resp: 78061
Ion Ratio Lower Upper
95 100
97 64.7 46.0 85.4
132 95.5 65.8 122.2
130 100.0 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: 85.218 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017941.D

Acq: 12 Aug 2020 21:50

Instrument :

MSVOA_V

ClientSampleId :

F2L61DL

Tot Ion:164 Resp: 84239

Ion Ratio Lower Upper

164 100

129 94.4 64.8 120.3

131 90.9 64.5 119.9

166 125.6 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

