

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081720\
 Data File : VV018036.D
 Acq On : 17 Aug 2020 19:31
 Operator : SY/MD
 Sample : L3665-18DL 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L38DL

Quant Time: Aug 18 03:25:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 01:23:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	271291	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	267845	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127637	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85090	41.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.22%
7) Chloroethane-d5	1.58	69	75035	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.62%
11) 1,1-Dichloroethene-d2	2.12	63	130052	32.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.70%
21) 2-Butanone-d5	3.91	46	124709	91.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.99%
24) Chloroform-d	4.38	84	161791	42.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.88%
26) 1,2-Dichloroethane-d4	5.06	65	111972	45.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.50%
32) Benzene-d6	5.07	84	326879	44.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.56%
36) 1,2-Dichloropropane-d6	6.09	67	107090	44.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.76%
41) Toluene-d8	7.34	98	284971	42.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.86%
43) trans-1,3-Dichloropropene-	7.64	79	47043	42.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.96%
47) 2-Hexanone-d5	8.11	63	57949	74.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.83%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	129416	41.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	118469	47.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.32%

Target Compounds

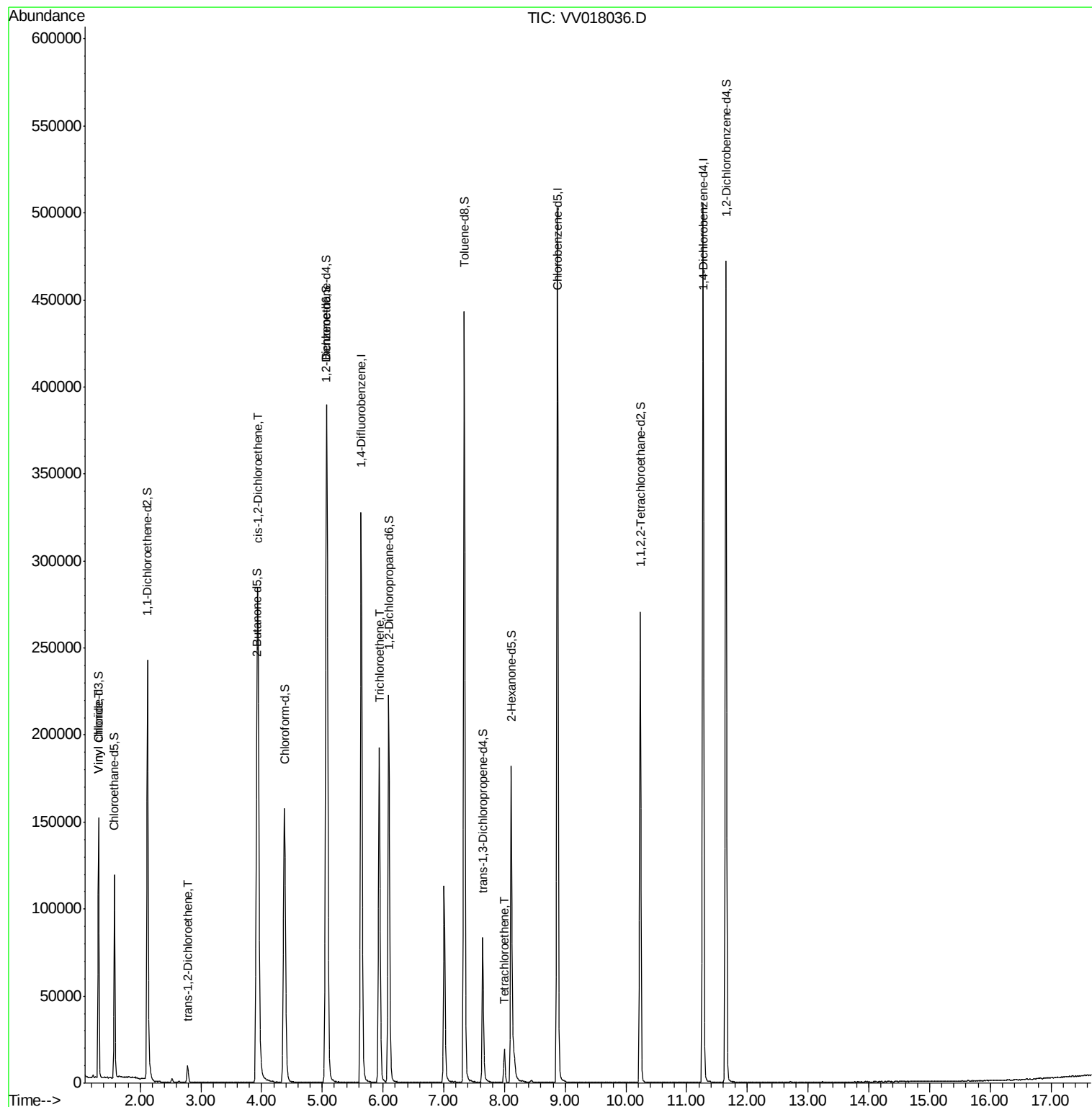
					Ovalue
5) Vinyl chloride	1.32	62	7601	3.153 ug/L	# 75
17) trans-1,2-Dichloroethene	2.78	96	3467	1.853 ug/L	96
20) cis-1,2-Dichloroethene	3.94	96	134810	65.579 ug/L	99
34) Trichloroethene	5.94	95	64530	29.460 ug/L	98
46) Tetrachloroethene	8.00	164	4479	2.788 ug/L	96

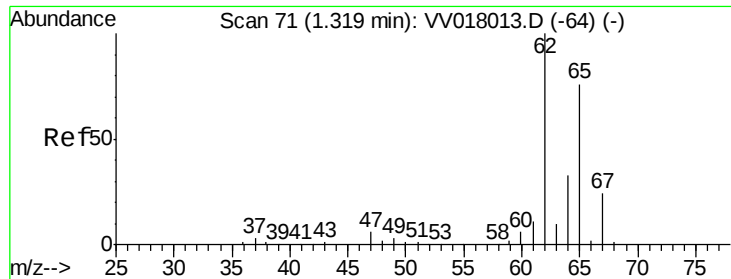
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081720\
Data File : VV018036.D
Acq On : 17 Aug 2020 19:31
Operator : SY/MD
Sample : L3665-18DL 50X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F4L38DL

Quant Time: Aug 18 03:25:37 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 18 01:23:44 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.153 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV018036.D

Acq: 17 Aug 2020 19:31

Instrument :

MSVOA_V

ClientSampled :

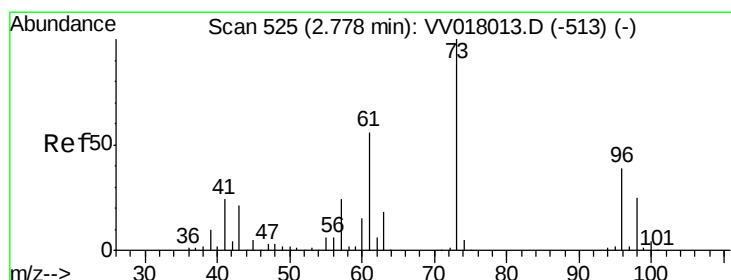
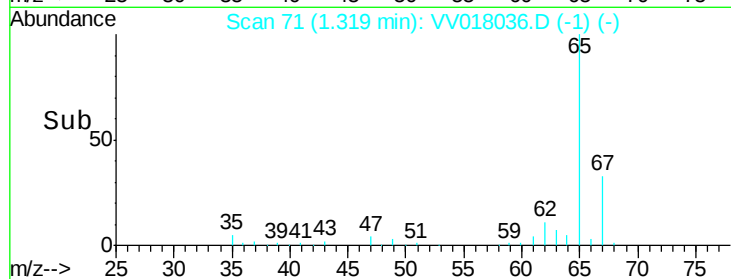
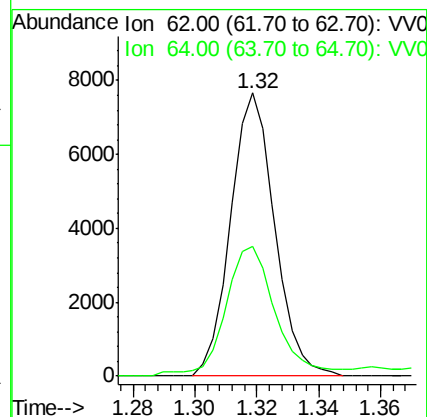
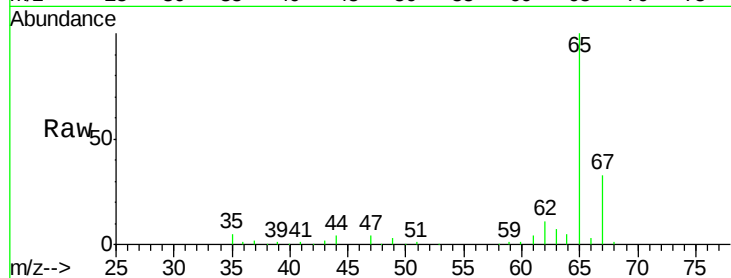
F4L38DL

Tot Ion: 62 Resp: 7601

Ion Ratio Lower Upper

62 100

64 45.7 22.4 41.6#



#17

trans-1,2-Dichloroethene

Concen: 1.853 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV018036.D

Acq: 17 Aug 2020 19:31

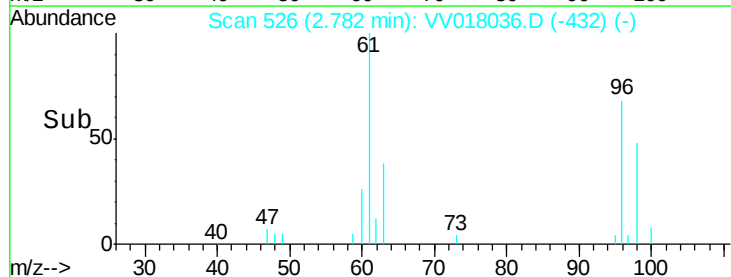
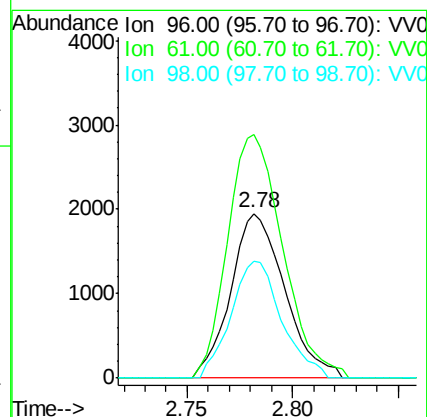
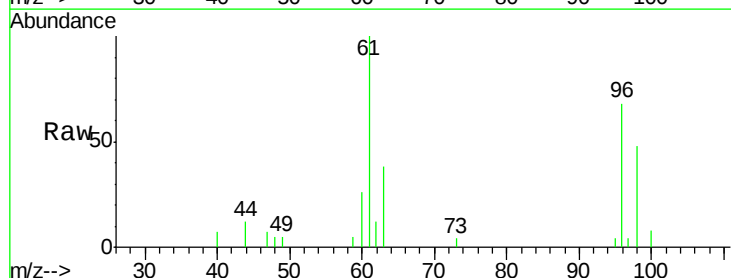
Tgt Ion: 96 Resp: 3467

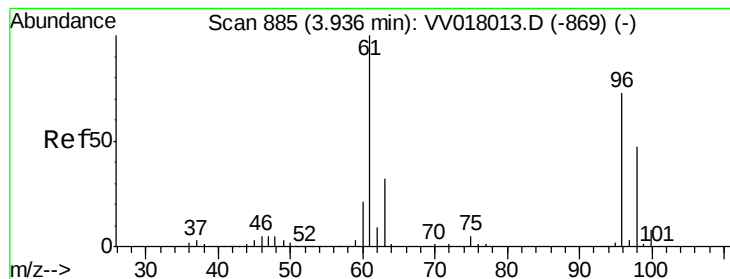
Ion Ratio Lower Upper

96 100

61 147.8 102.4 190.2

98 71.3 44.4 82.5



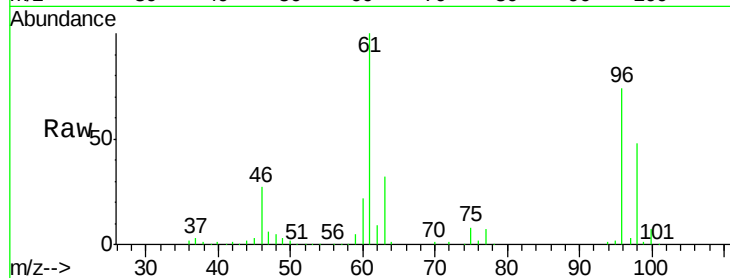


#20

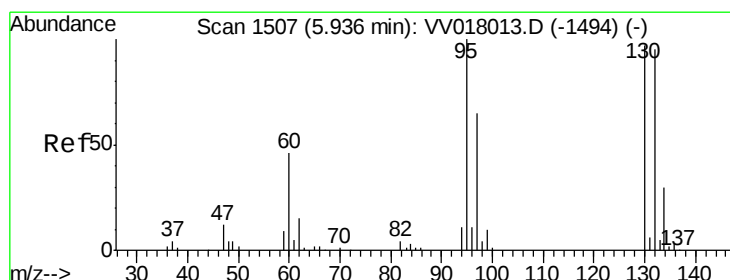
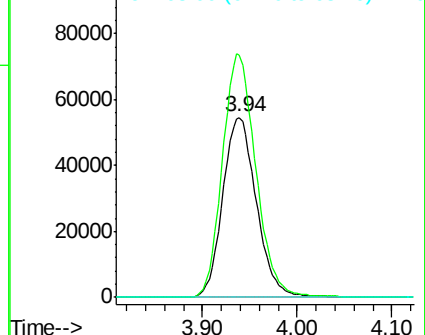
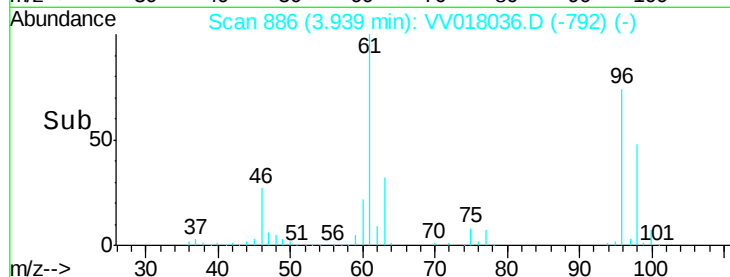
cis-1,2-Dichloroethene
Concen: 65.579 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV018036.D
Acq: 17 Aug 2020 19:31

Instrument :
MSVOA_V
ClientSampleId :
F4L38DL

Tot Ion: 96 Resp: 134810
Ion Ratio Lower Upper
96 100
61 134.4 95.0 176.4
68 0.0 0.0 0.0



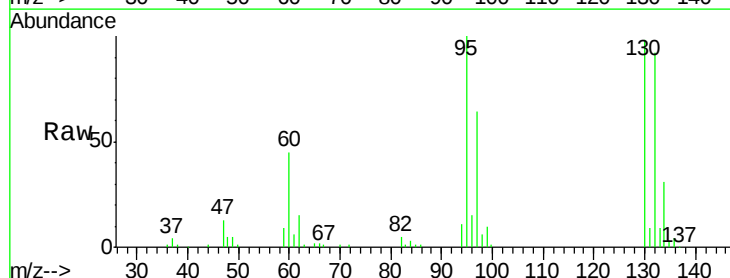
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



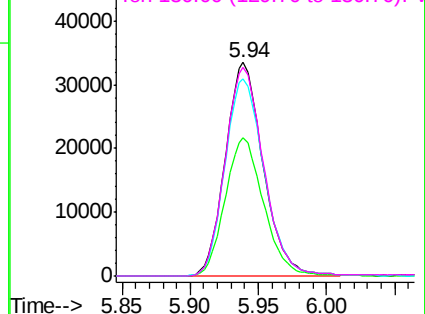
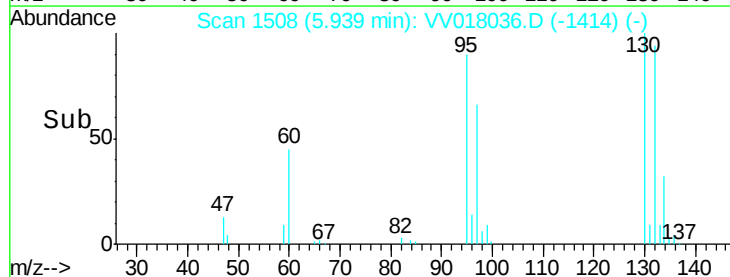
#34

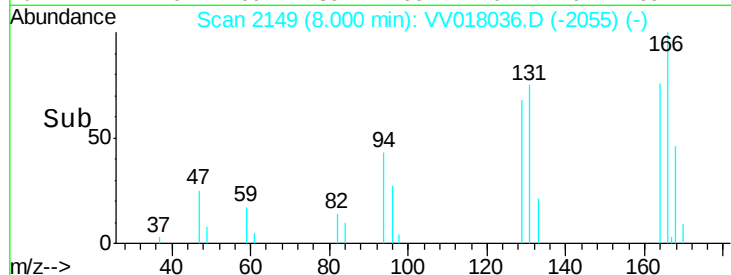
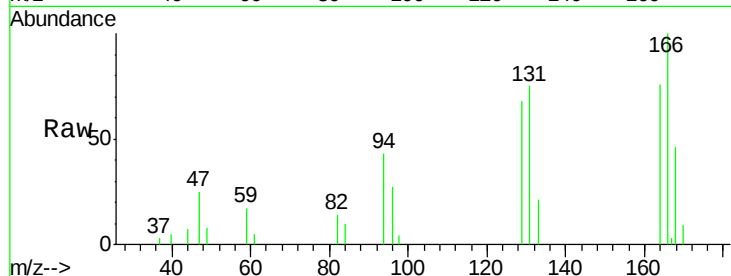
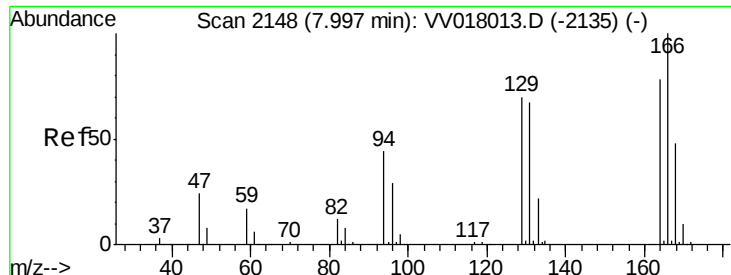
Trichloroethene
Concen: 29.460 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV018036.D
Acq: 17 Aug 2020 19:31

Tgt Ion: 95 Resp: 64530
Ion Ratio Lower Upper
95 100
97 64.5 46.0 85.4
132 92.2 65.8 122.2
130 97.6 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: 2.788 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV018036.D

Acq: 17 Aug 2020 19:31

Instrument :

MSVOA_V

ClientSampleId :

F4L38DL

Tot Ion:164 Resp: 4479

Ion Ratio Lower Upper

164 100

129 88.4 64.8 120.3

131 97.8 64.5 119.9

166 130.9 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

