

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081320\
 Data File : VV017964.D
 Acq On : 13 Aug 2020 12:17
 Operator : SY/MD
 Sample : L3644-01DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L61DL

Quant Time: Aug 14 04:28:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 14 04:14:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	275246	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	268558	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	129291	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	90636	43.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.32%
7) Chloroethane-d5	1.58	69	78038	45.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.84%
11) 1,1-Dichloroethene-d2	2.12	63	140365	34.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.88%
21) 2-Butanone-d5	3.91	46	125226	91.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.04%
24) Chloroform-d	4.38	84	173314	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.68%
26) 1,2-Dichloroethane-d4	5.05	65	117137	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.34%
32) Benzene-d6	5.07	84	351071	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.86%
36) 1,2-Dichloropropane-d6	6.09	67	113504	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.82%
41) Toluene-d8	7.34	98	311959	46.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.74%
43) trans-1,3-Dichloropropene-	7.64	79	49020	44.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.34%
47) 2-Hexanone-d5	8.11	63	64435	82.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.98%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	141331	44.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	130259	51.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.38%

Target Compounds

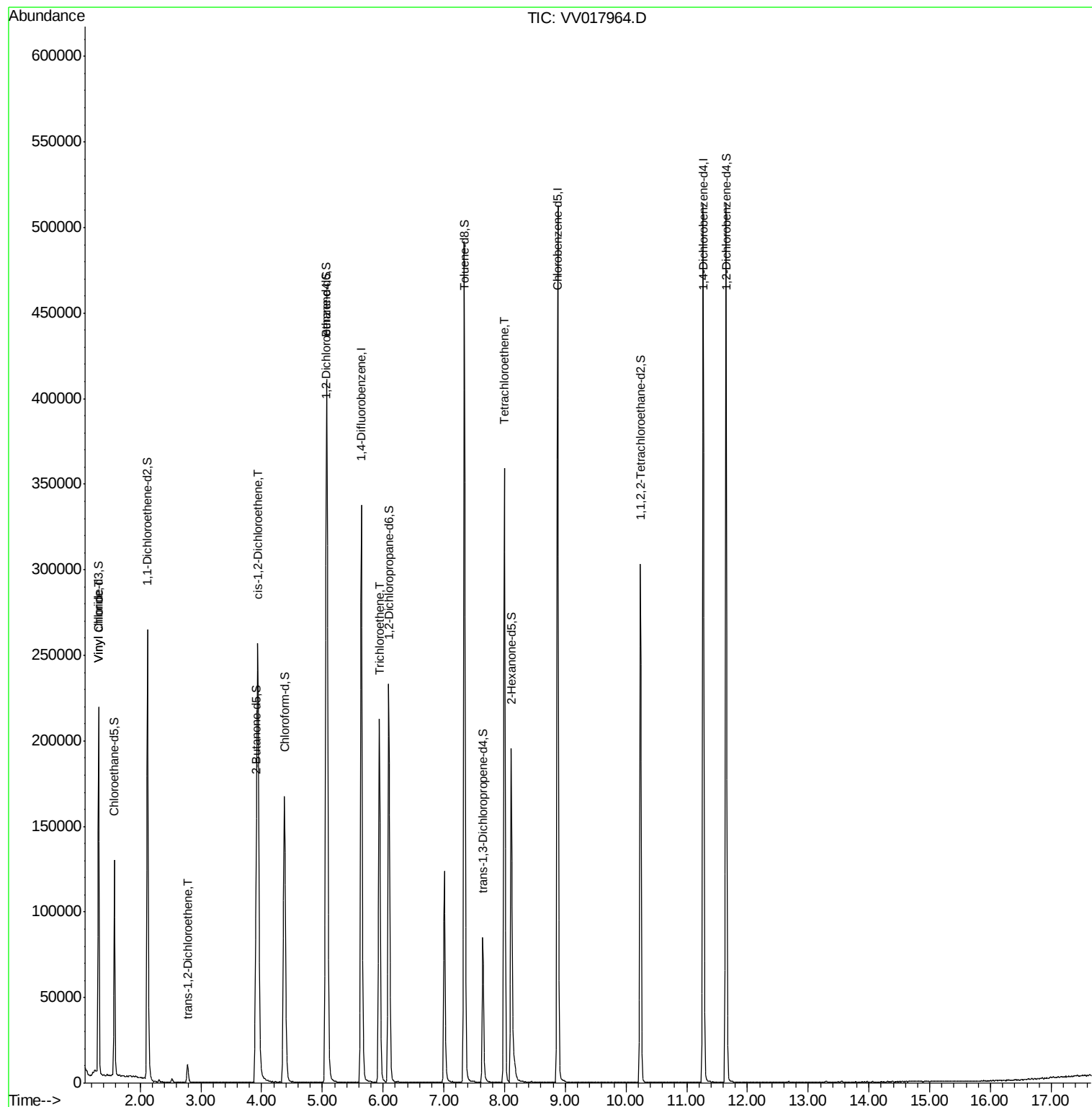
					Ovalue
5) Vinyl chloride	1.32	62	47070	19.246	ug/L 93
17) trans-1,2-Dichloroethene	2.78	96	4023	2.120	ug/L 95
20) cis-1,2-Dichloroethene	3.94	96	129611	62.144	ug/L 98
34) Trichloroethene	5.94	95	72996	33.237	ug/L 98
46) Tetrachloroethene	8.00	164	80980	50.276	ug/L 98

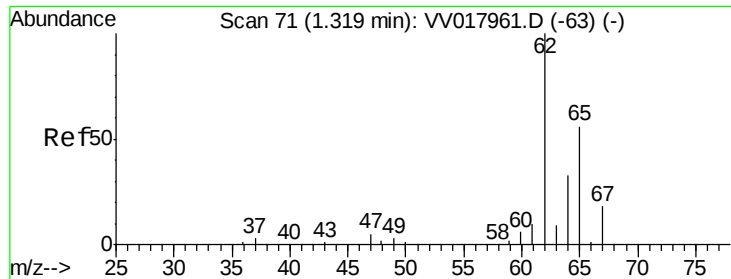
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 19.246 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV017964.D

Acq: 13 Aug 2020 12:17

Instrument :

MSVOA_V

ClientSampleId :

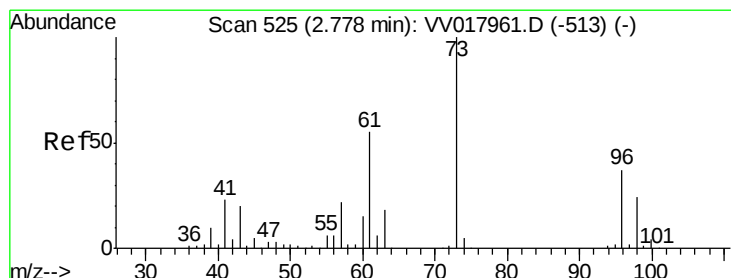
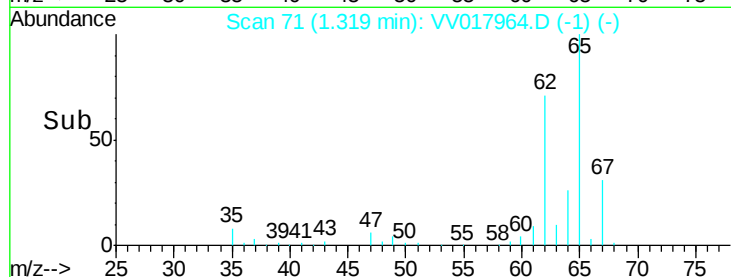
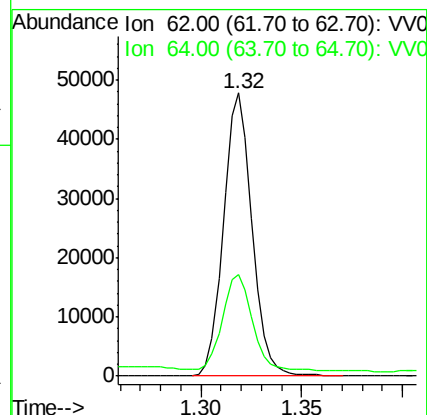
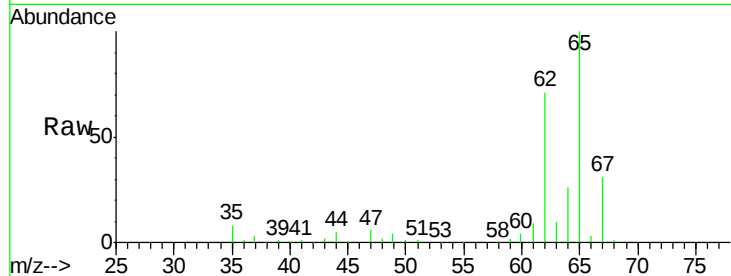
F2L61DL

Tot Ion: 62 Resp: 47070

Ion Ratio Lower Upper

62 100

64 36.1 22.4 41.6



#17

trans-1,2-Dichloroethene

Concen: 2.120 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV017964.D

Acq: 13 Aug 2020 12:17

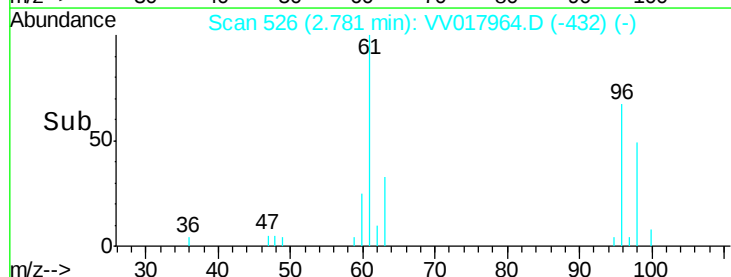
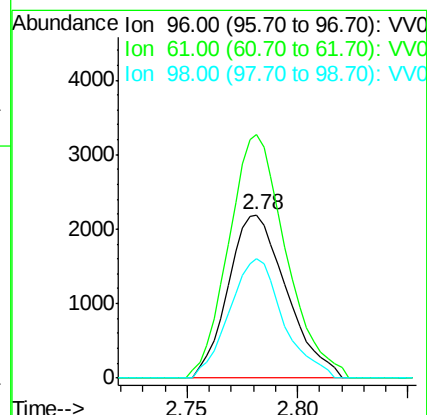
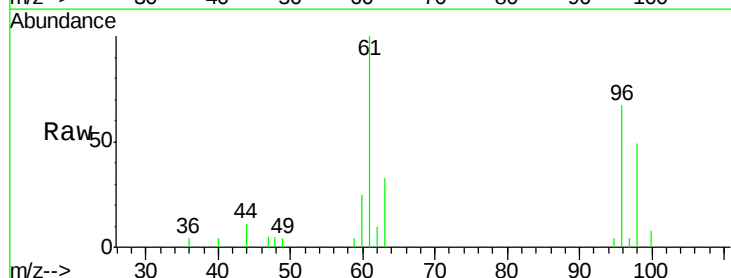
Tgt Ion: 96 Resp: 4023

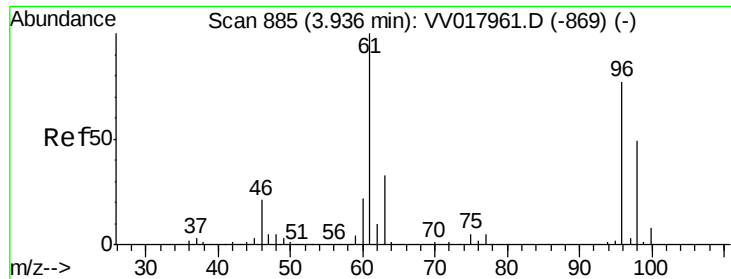
Ion Ratio Lower Upper

96 100

61 149.2 102.4 190.2

98 73.2 44.4 82.5

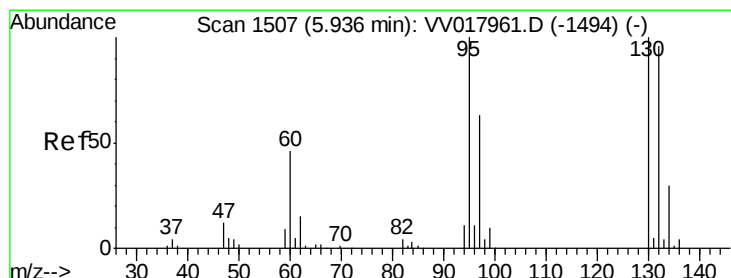
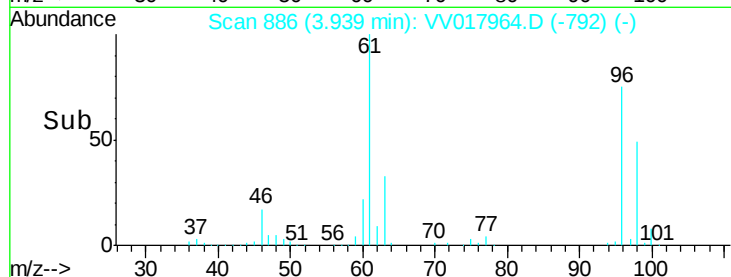
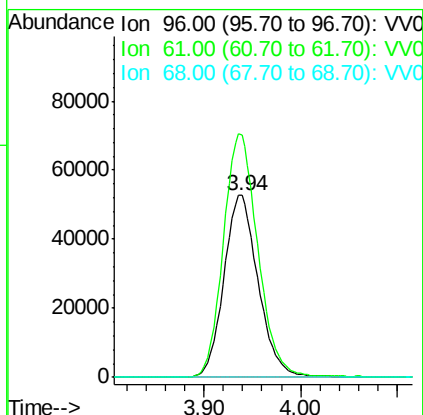
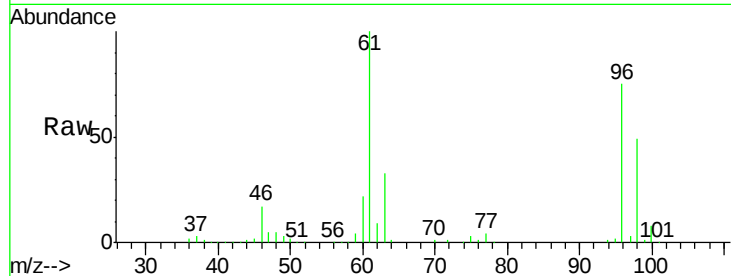




#20
 cis-1,2-Dichloroethene
 Concen: 62.144 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017964.D
 Acq: 13 Aug 2020 12:17

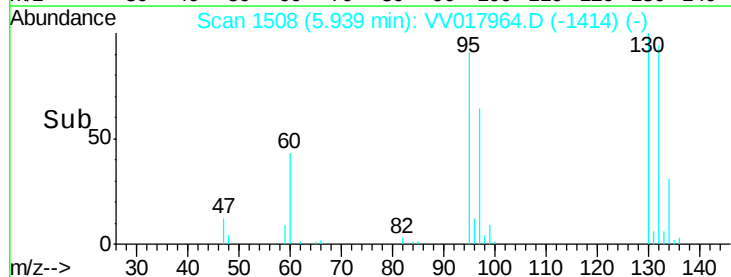
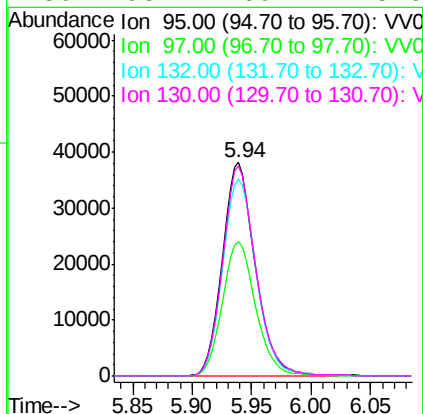
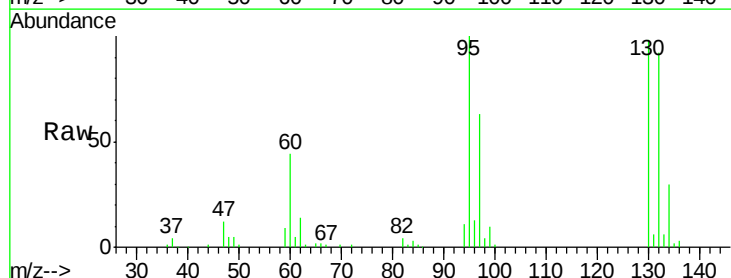
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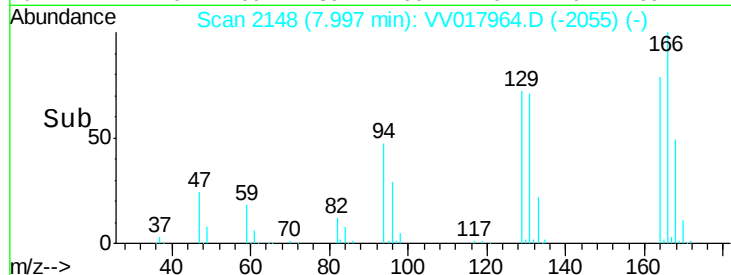
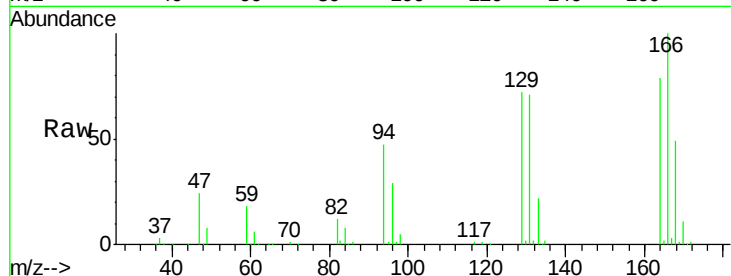
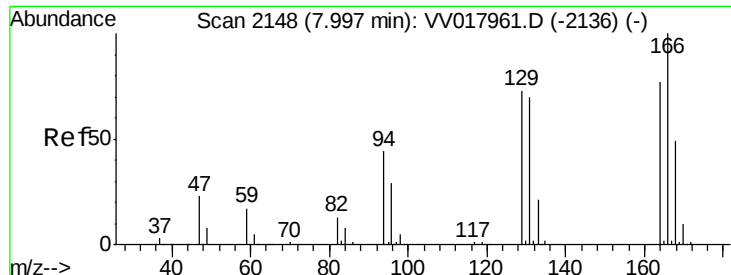
Tot Ion: 96 Resp: 129611
 Ion Ratio Lower Upper
 96 100
 61 133.4 95.0 176.4
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 33.237 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV017964.D
 Acq: 13 Aug 2020 12:17

Tgt Ion: 95 Resp: 72996
 Ion Ratio Lower Upper
 95 100
 97 62.7 46.0 85.4
 132 92.1 65.8 122.2
 130 98.4 69.2 128.6





#46

Tetrachloroethene

Concen: 50.276 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV017964.D

Acq: 13 Aug 2020 12:17

Instrument :
MSVOA_V
ClientSampleId :
F2L61DL

Tot Ion:164 Resp: 80980

Ion Ratio Lower Upper

164 100

129 91.3 64.8 120.3

131 89.2 64.5 119.9

166 126.1 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

