

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081320\
 Data File : VV017966.D
 Acq On : 13 Aug 2020 13:04
 Operator : SY/MD
 Sample : L3644-11DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L67DL

Quant Time: Aug 14 04:34:40 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	261286	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	260265	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	124024	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84688	42.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.96%
7) Chloroethane-d5	1.58	69	75326	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.36%
11) 1,1-Dichloroethene-d2	2.12	63	131012	34.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.72%
21) 2-Butanone-d5	3.91	46	123321	94.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.45%
24) Chloroform-d	4.38	84	170149	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
26) 1,2-Dichloroethane-d4	5.06	65	117091	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.36%
32) Benzene-d6	5.08	84	340716	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.10	67	112107	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.62%
41) Toluene-d8	7.34	98	302792	46.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.88%
43) trans-1,3-Dichloropropene-	7.64	79	47546	44.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.40%
47) 2-Hexanone-d5	8.11	63	62113	82.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.54%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	139581	45.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	126357	51.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.54%

Target Compounds

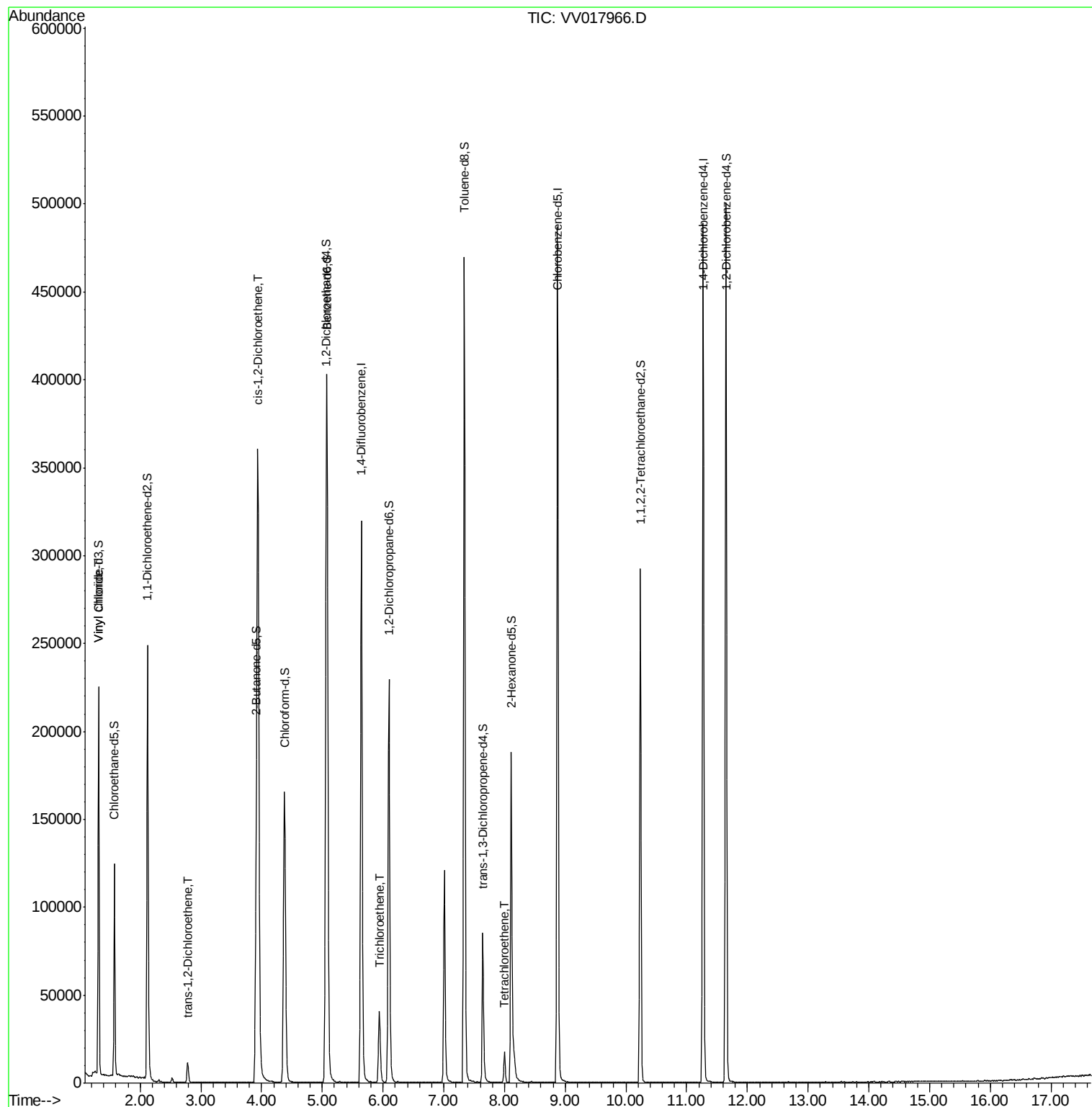
					Ovalue
5) Vinyl chloride	1.32	62	57170	24.624	ug/L 94
17) trans-1,2-Dichloroethene	2.78	96	4167	2.313	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	187820	94.865	ug/L 100
34) Trichloroethene	5.94	95	12036	5.655	ug/L 96
46) Tetrachloroethene	8.00	164	4108	2.632	ug/L 95

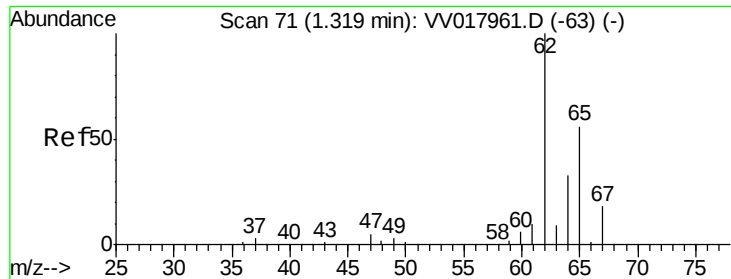
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 14 04:14:46 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 24.624 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017966.D

Acq: 13 Aug 2020 13:04

Instrument :

MSVOA_V

ClientSampled :

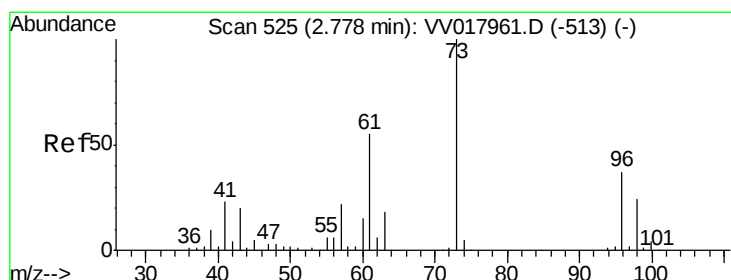
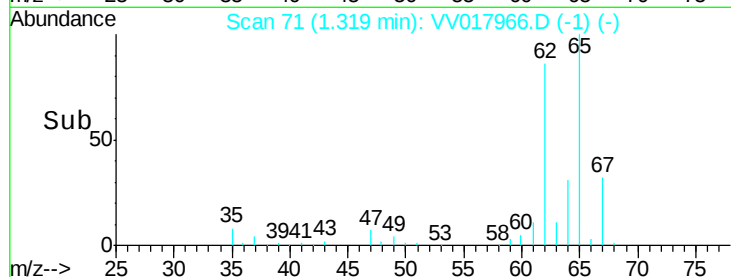
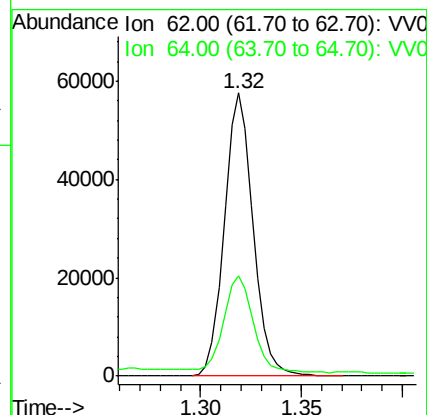
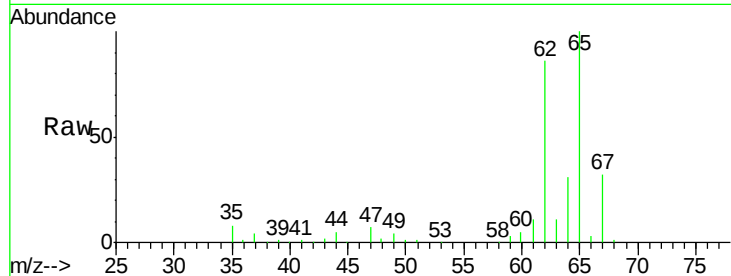
F2L67DL

Tot Ion: 62 Resp: 57170

Ion Ratio Lower Upper

62 100

64 35.5 22.4 41.6



#17

trans-1,2-Dichloroethene

Concen: 2.313 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV017966.D

Acq: 13 Aug 2020 13:04

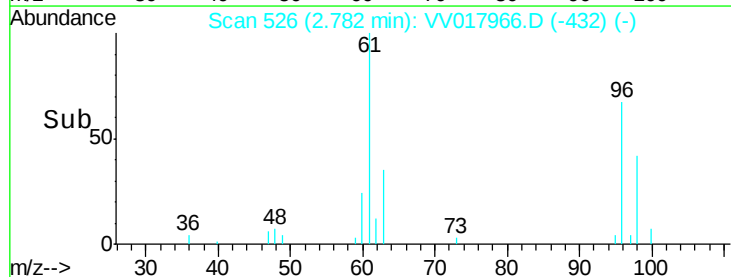
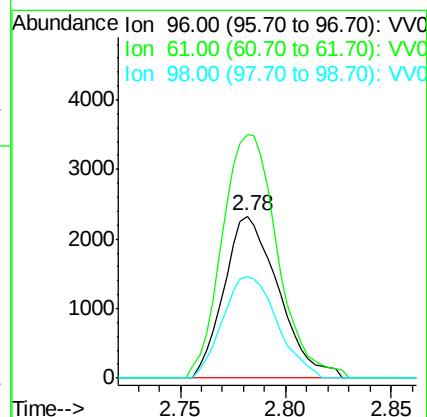
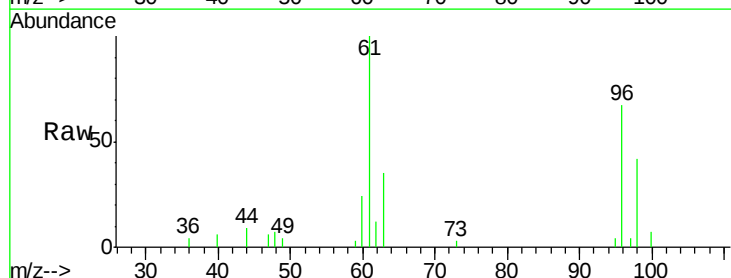
Tgt Ion: 96 Resp: 4167

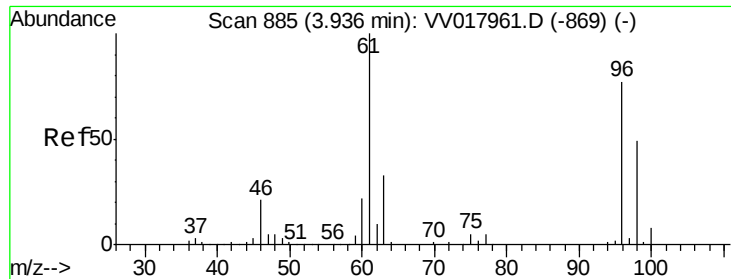
Ion Ratio Lower Upper

96 100

61 150.0 102.4 190.2

98 62.6 44.4 82.5

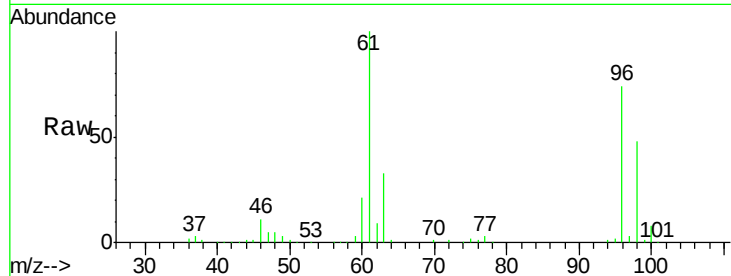




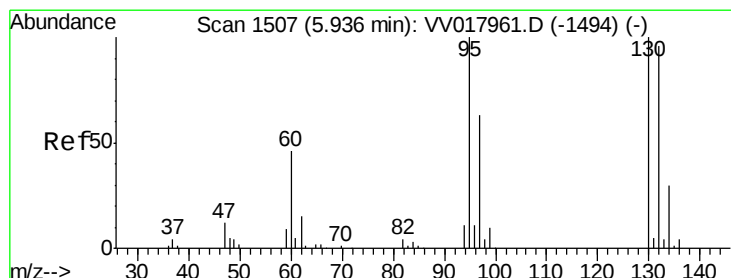
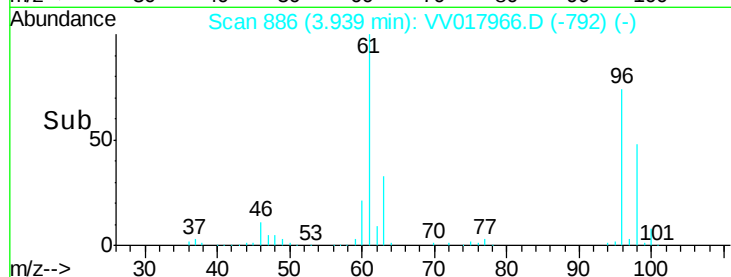
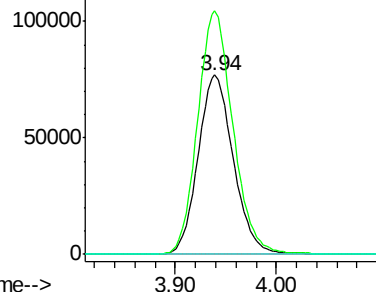
#20
 cis-1,2-Dichloroethene
 Concen: 94.865 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017966.D
 Acq: 13 Aug 2020 13:04

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L67DL

Tot Ion: 96 Resp: 187820
 Ion Ratio Lower Upper
 96 100
 61 135.7 95.0 176.4
 68 0.0 0.0 0.0

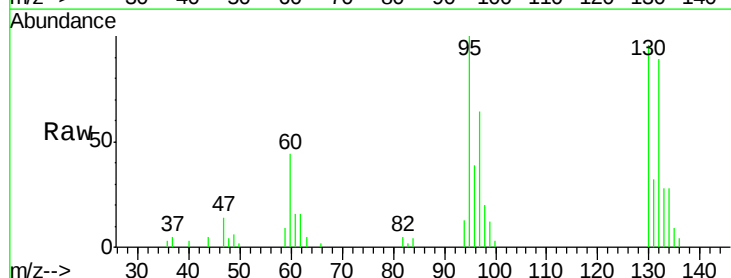


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

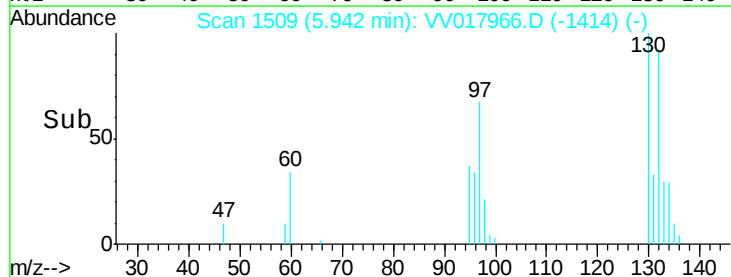
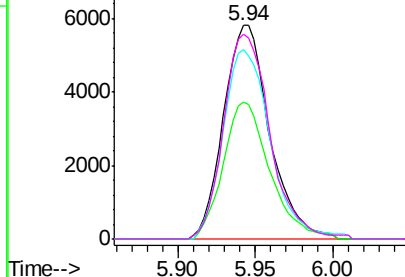


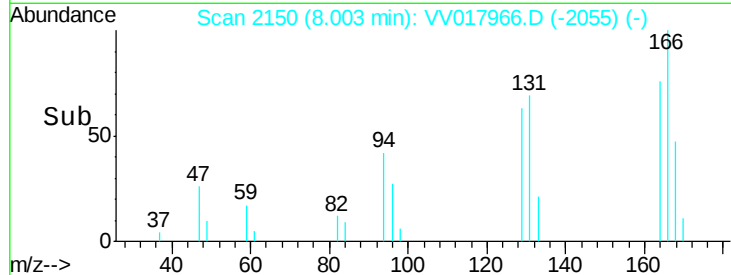
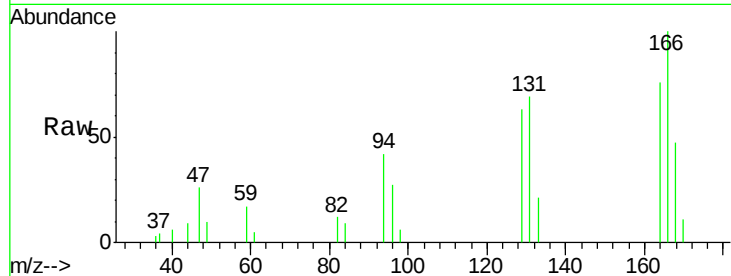
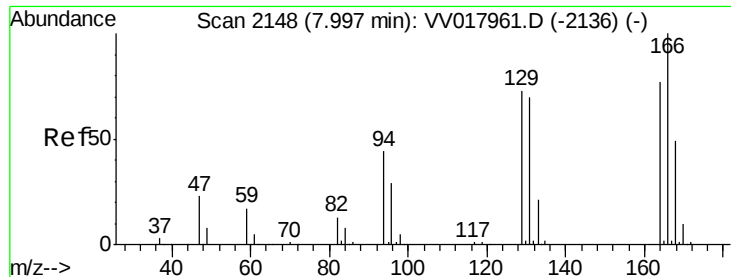
#34
 Trichloroethene
 Concen: 5.655 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV017966.D
 Acq: 13 Aug 2020 13:04

Tgt Ion: 95 Resp: 12036
 Ion Ratio Lower Upper
 95 100
 97 64.3 46.0 85.4
 132 88.6 65.8 122.2
 130 95.9 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: 2.632 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV017966.D

Acq: 13 Aug 2020 13:04

Instrument :

MSVOA_V

ClientSampleId :

F2L67DL

Tot Ion:164 Resp: 4108

Ion Ratio Lower Upper

164 100

129 83.3 64.8 120.3

131 91.2 64.5 119.9

166 131.4 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

