

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081320\
 Data File : VV017970.D
 Acq On : 13 Aug 2020 14:36
 Operator : SY/MD
 Sample : L3644-15DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L76DL

Quant Time: Aug 14 04:49:11 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	261202	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	258100	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	121538	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86489	43.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.80%
7) Chloroethane-d5	1.58	69	73897	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.64%
11) 1,1-Dichloroethene-d2	2.12	63	132745	34.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.64%
21) 2-Butanone-d5	3.91	46	118666	90.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.91%
24) Chloroform-d	4.38	84	163194	44.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.96%
26) 1,2-Dichloroethane-d4	5.06	65	112385	47.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.38%
32) Benzene-d6	5.08	84	329813	46.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.74%
36) 1,2-Dichloropropane-d6	6.10	67	107921	46.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.82%
41) Toluene-d8	7.34	98	292024	45.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.30%
43) trans-1,3-Dichloropropene-	7.64	79	46711	44.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.58%
47) 2-Hexanone-d5	8.11	63	58971	79.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.02%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	131252	43.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	121595	50.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.66%

Target Compounds

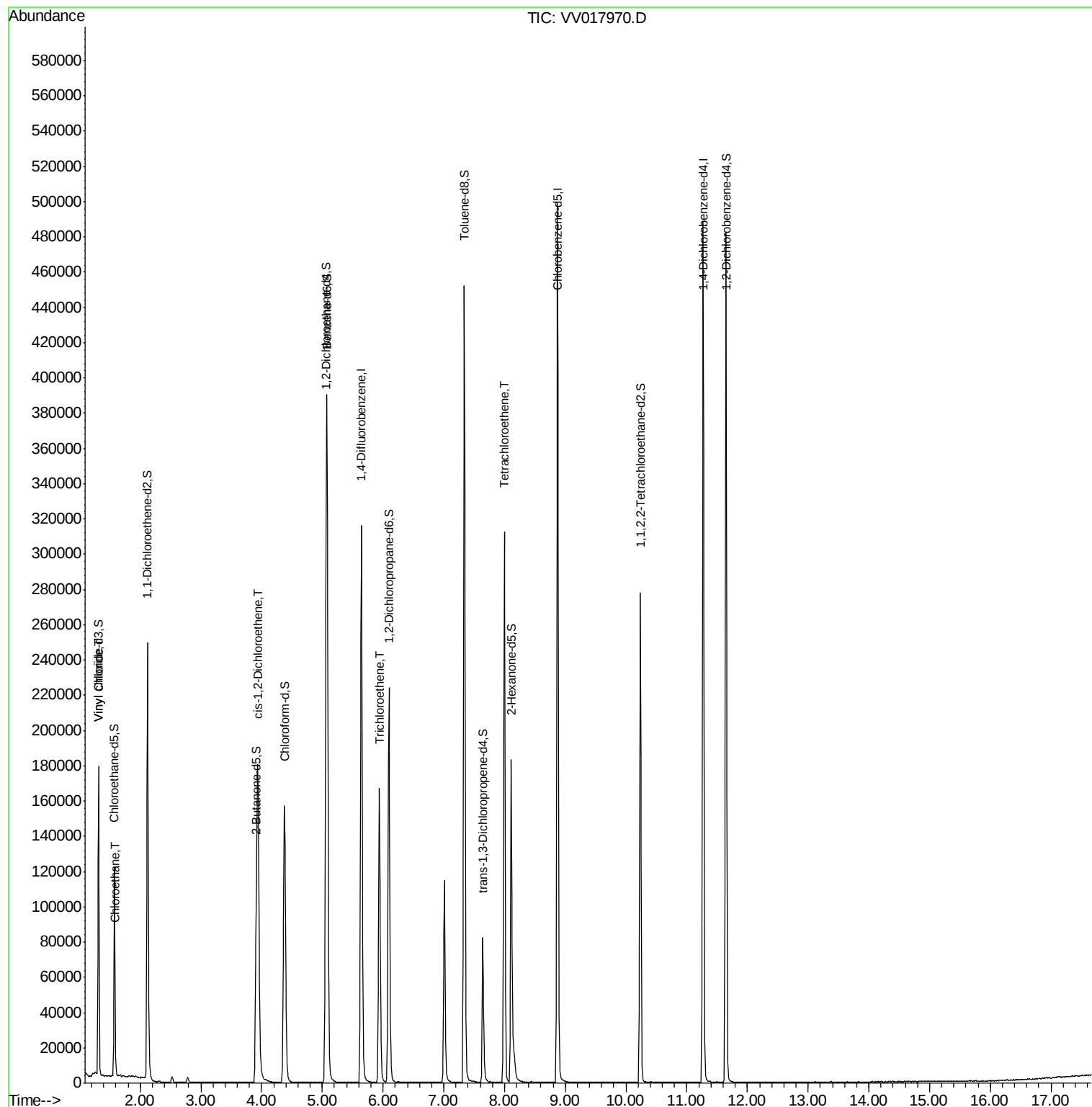
					Ovalue
5) Vinyl chloride	1.32	62	24668	10.628 ug/L	85
8) Chloroethane	1.60	64	1415	0.955 ug/L	90
20) cis-1,2-Dichloroethene	3.94	96	86343	43.624 ug/L	98
34) Trichloroethene	5.94	95	56760	26.891 ug/L	99
46) Tetrachloroethene	8.00	164	68599	44.315 ug/L	98

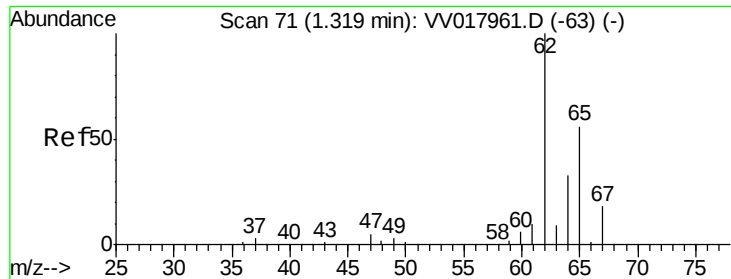
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 14 04:14:46 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 10.628 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017970.D

Acq: 13 Aug 2020 14:36

Instrument :

MSVOA_V

ClientSampled :

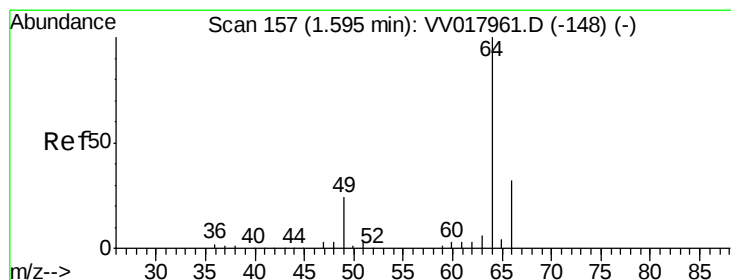
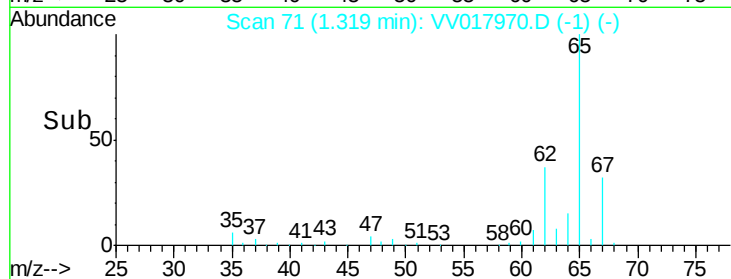
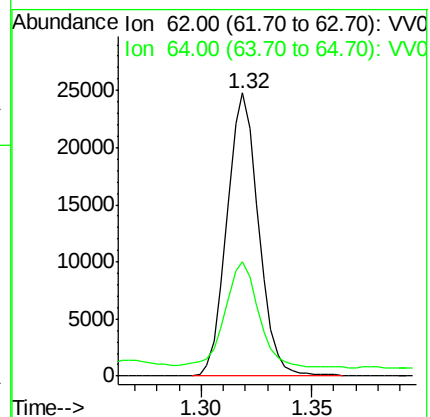
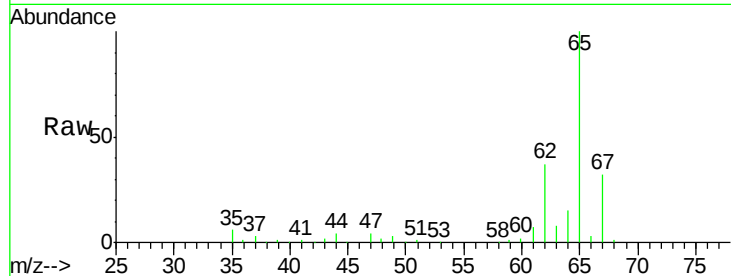
F2L76DL

Tot Ion: 62 Resp: 24668

Ion Ratio Lower Upper

62 100

64 40.2 22.4 41.6



#8

Chloroethane

Concen: 0.955 ug/L

RT: 1.60 min Scan# 157

Delta R.T. 0.00 min

Lab File: VV017970.D

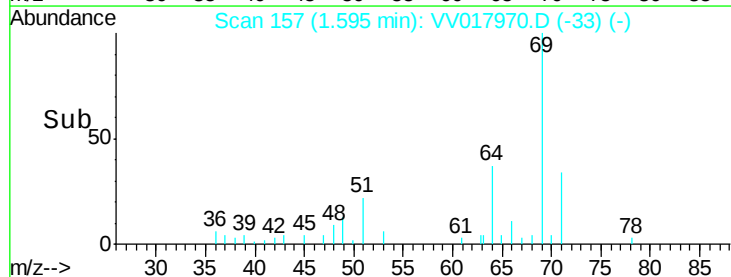
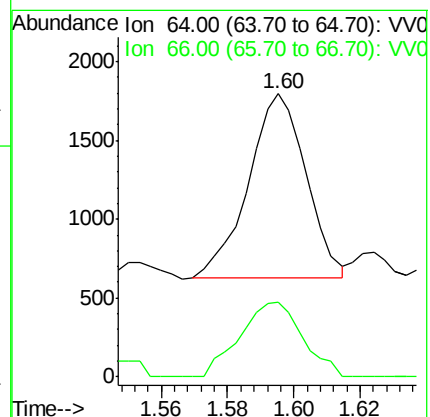
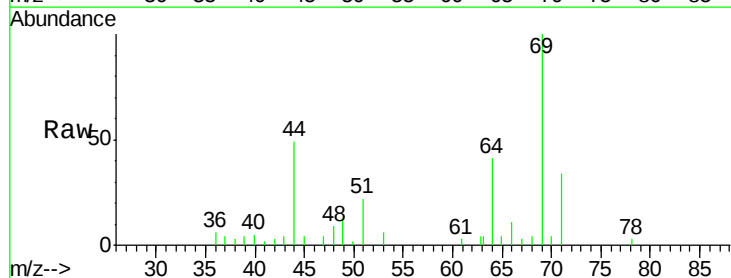
Acq: 13 Aug 2020 14:36

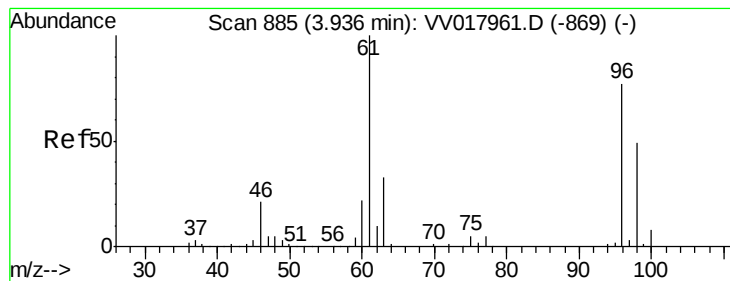
Tgt Ion: 64 Resp: 1415

Ion Ratio Lower Upper

64 100

66 26.2 22.3 41.3



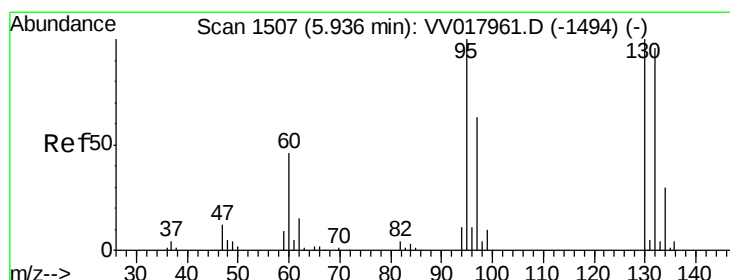
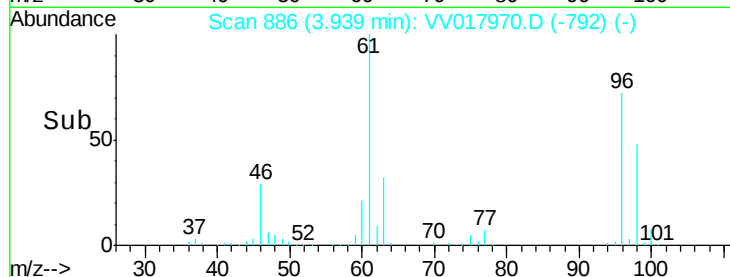
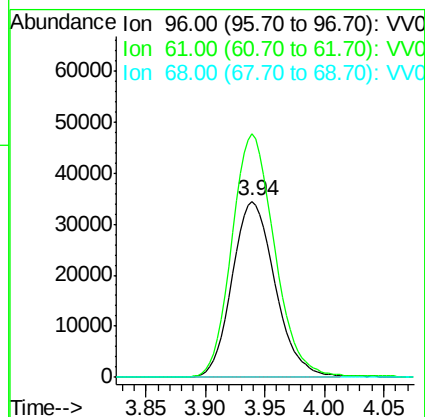
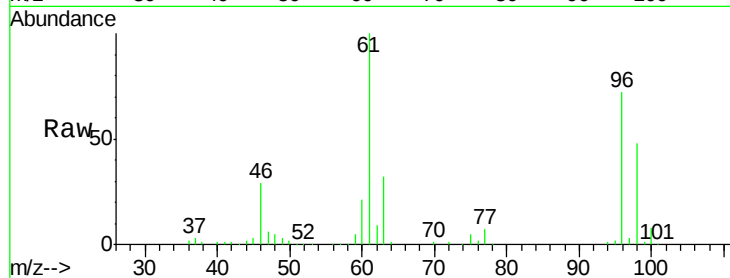


#20

cis-1,2-Dichloroethene
Concen: 43.624 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017970.D
Acq: 13 Aug 2020 14:36

Instrument :
MSVOA_V
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F2L76DL

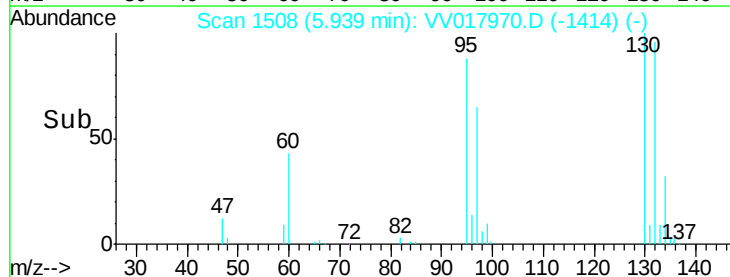
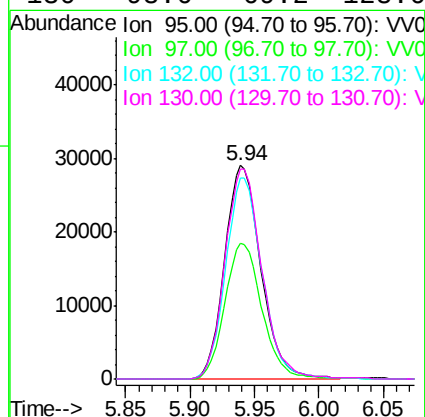
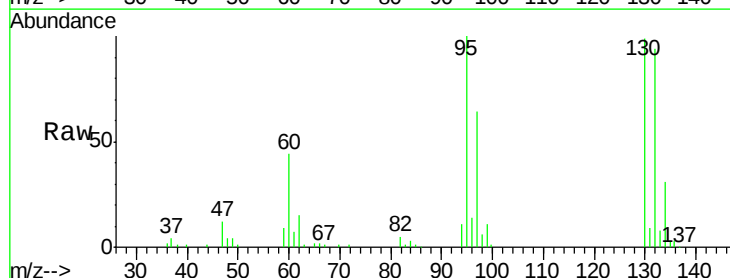
Tot Ion: 96 Resp: 86343
Ion Ratio Lower Upper
96 100
61 138.4 95.0 176.4
68 0.0 0.0 0.0

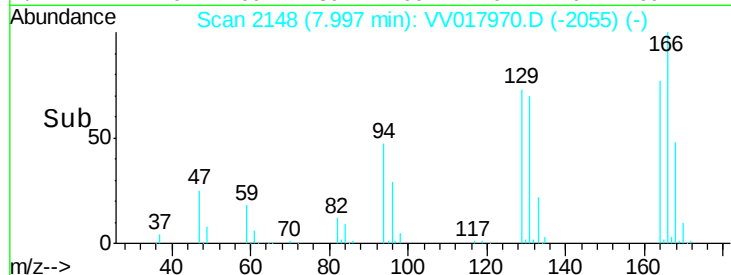
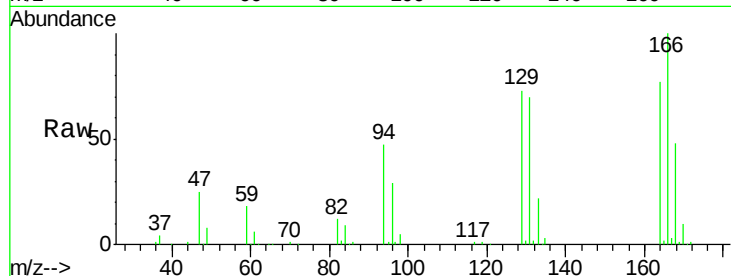
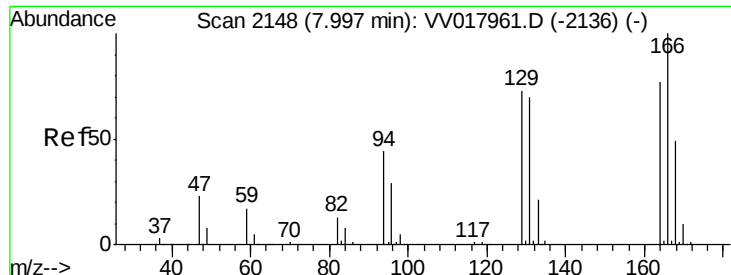


#34

Trichloroethene
Concen: 26.891 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV017970.D
Acq: 13 Aug 2020 14:36

Tgt Ion: 95 Resp: 56760
Ion Ratio Lower Upper
95 100
97 63.7 46.0 85.4
132 94.2 65.8 122.2
130 98.6 69.2 128.6





#46

Tetrachloroethene

Concen: 44.315 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017970.D

Acq: 13 Aug 2020 14:36

Instrument :

MSVOA_V

ClientSampleId :

F2L76DL

Tot Ion:164 Resp: 68599

Ion Ratio Lower Upper

164 100

129 95.2 64.8 120.3

131 90.5 64.5 119.9

166 130.0 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

